

# **A comparative analysis of the coverage of science news in Cape Town newspapers**

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## Declaration

I, the undersigned, hereby declare that the work contained in this thesis is my own original work and that I have not previously in its entirety or in part submitted it at any university for a degree.

Signature:

Date: 27 February 2008

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# Abstract

The 21<sup>st</sup> century is less than a decade old, but it is already evident that South Africans will need to improve their scientific literacy (that is, their knowledge about science, the environment and health) if they are to become active citizens in a world which is dominated more and more by complicated scientific and technological advances. It is a world in which average people are increasingly required to understand and make appropriate local decisions regarding numerous scientific debates, including alternative energy sources, climate change and new medical techniques.

For most South Africans, the press is their main source of science news. Thus, a huge responsibility rests on the shoulders of newspaper journalists to empower their readers with scientific knowledge and to share the excitement that comes from discovering more about how the universe works. It is within this context that the question arises as to how Cape Town's newspapers cover science news.

Having determined from a review of the literature that a large knowledge gap existed in this field, it was decided to conduct research about science coverage in three daily newspapers (the *Cape Argus*, the *Cape Times* and *Die Burger*) and three weekend newspapers (the *Saturday Argus*, the *Sunday Argus* and the Saturday edition of *Die Burger*) in Cape Town.

The quantitative research method of content analysis was employed in order to provide statistical evidence for the study's problem statement, namely that science news is covered very differently in the six newspapers. This exploratory comparative analysis formed the bulk of the research.

The qualitative research methods of surveys and in-depth interviews with the newspapers' specialist science writers were then used to address the thesis of the study, namely that the science writers are "gatekeepers" (as predicted by the theoretical model of gatekeeping) and that their education, knowledge, interests, beliefs about science, attitudes towards their reporting, and interactions with editors within the newspaper structures determine the science coverage in their newspapers.

Thus, this study asks (primarily) what science is covered, and (secondarily) why. The content analysis yielded a wealth of information which confirmed that the six newspapers cover science news very differently, while the surveys and interviews with the science writers validated the prediction that they are the dominant (but not the only) influence on the coverage of science in their newspapers.

This study's goal is to provide a comprehensive comparative overview of the coverage of science news in Cape Town's newspapers, which will not only create a foundation for future research, but will also provide useful information for the six newspapers, their science writers and editors.

**Key words:** *Cape Argus*, *Cape Times*, Cape Town, *Die Burger*, environment, gatekeeping, health, journalism, media, newspaper, reporter, *Saturday Argus*, science, South Africa, *Sunday Argus*, technology.

# Opsomming

Die 21ste eeu is nog jonk, maar dit is reeds duidelik dat Suid-Afrikaners hul wetenskaplike geletterdheid (dit wil sê, hul kennis rondom die wetenskap, die omgewing en gesondheid) sal moet verbeter as hulle betrokke burgers wil wees in 'n wêreld wat oorheers word deur ingewikkelde wetenskaplike en tegnologiese vorderings. Dit is 'n wêreld waarin daar van gemiddelde mense al hoe meer vereis word om aan 'n groot aantal wetenskaplike debatte (soos alternatiewe energiebronne, klimaatsverandering en nuwe mediese tegnieke) deel te neem en om toepaslike plaaslike besluite te maak.

Die pers is vir die meeste Suid-Afrikaners die primêre bron van wetenskapnuus; daarom het verslaggewers 'n verantwoordelikheid om hul lesers te bemagtig deur wetenskaplike kennis oor te dra en om hul opgewondenheid oor ontdekkings oor die werking van die heelal mee te deel. Die vraag oor hoe Kaapstad se koerante wetenskapnuus dek, ontstaan binne hierdie konteks.

Daar is besluit om navorsing te doen oor die dekking van wetenskapnuus in drie daaglikse koerante (*Cape Argus*, *Cape Times* en *Die Burger*) en drie naweek-koerante (*Saturday Argus*, *Sunday Argus* en die Saterdag uitgawe van *Die Burger*) in Kaapstad nadat daar deur middel van 'n literatuurstudie vasgestel is dat 'n groot kennisgaping bestaan wat hierdie gebied betref.

Die kwantitatiewe metode van inhoudsontleding is gebruik om statistiese bewyse te verskaf vir die studie se probleemstelling, naamlik dat wetenskapnuus op baie verskillende maniere deur die ses koerante gedek word. Hierdie ondersoekende, vergelykende ontleding het die grootste gedeelte van die navorsing gevorm. Die kwalitatiewe metodes van opmetings en diepgaande onderhoude met die koerante se spesialis wetenskapverslaggewers is toe gebruik om die studie se tesis aan te spreek, naamlik dat dié verslaggewers “hekwagters” is (soos voorspel deur die teoretiese hekwagtersmodel) en dat hul opvoeding, kennis, belangstellings, gedagtes oor die wetenskap, houdings teenoor hul verslaggewing en verhoudings met redakteurs binne die koerantstruktuur, die dekking van wetenskapnuus in hul koerante bepaal.

Hierdie studie vra dus (in die eerste plek) watter wetenskapnuus gedek word, en (tweedens), hóé. Die inhoudsontleding het bevestig dat die ses koerante wetenskapnuus op baie verskillende maniere dek, terwyl die opmetings en diepgaande onderhoude met die joernaliste die voorspelling dat hulle die dominante (maar nie die enigste) invloed op die dekking van wetenskapnuus in hul koerante is, ook bevestig het.

Hierdie studie se doelwit is om 'n omvattende vergelykende oorsig van die dekking van wetenskapnuus in Kaapstad se koerante te verskaf wat nie net 'n basis sal vorm vir verdere navorsing nie, maar ook nuttige inligting vir die ses koerante, hul wetenskapverslaggewers en redakteurs sal voorsien.

**Sleutelwoorde:** *Cape Argus*, *Cape Times*, *Die Burger*, gesondheid, hekwagtersmodel, joernalistiek, Kaapstad, koerant, media, omgewing, *Saturday Argus*, Suid-Afrika, *Sunday Argus*, tegnologie, verslaggewer, wetenskap.

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- F. Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)
- G. Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)
- H. Survey questionnaire sent to specialist science writers at the *Cape Argus*, *Cape Times*, *Die Burger*, *Saturday Argus*, *Sunday Argus* and the Saturday edition of *Die Burger* in September 2007



# 1. Introduction

The natural world has always been a source of wonder for inquisitive humans. As scientists probe ever deeper into the mysteries of the universe in which we live – from infinitely small particles on earth to the most enormous galaxies in outer space – the public are able to glimpse these slowly unfolding spectacles on the pages of their local newspapers.

Ordinary people all over the world obtain most of their science news from newspapers and therefore a massive responsibility rests on the shoulders of journalists (and in particular, specialist science writers) to convey the latest developments accurately and understandably.

Science reporting is not merely about journalists inspiring curiosity and awe in readers who seek to comprehend our planet and beyond. It is also about empowering citizens with the knowledge they need to make the best possible personal and corporate decisions in a scientifically and technologically advanced world.

For example, climate change, alternative energy sources and HIV/Aids are among the greatest challenges facing South Africa, but if our country's citizens are not scientifically literate, then they are not in a position to grasp the complexities of these issues and debates. Thus, science journalists have a duty to inform their readers not only about the beauty of science, but also about how it affects their daily lives.

The remainder of this chapter will provide an introduction to the various elements of the study, including the research context, the problem statement, thesis and hypotheses, the aims of the study, and the research design. It will also define the concept of science and briefly explore the genre of science reporting, before explaining what will be covered in the rest of the chapters.

## 1.1. Research context

Within the context of the increasing importance of science journalism, particularly in the press, it was decided to conduct research into how Cape Town's daily and weekend newspapers cover science news.

Consequent reviewing of the literature regarding science coverage in newspapers revealed that, while a great deal of research has been conducted overseas, very little has been done in South Africa. It also showed that no information was available about the overall state of science reporting in Cape Town specifically, because previous studies had tended to concentrate either on a single newspaper or on a single issue within the realm of science.

Thus, this study's primary research problem is the existence of this large knowledge gap. Addressing this problem generates the secondary research problem, namely that knowledge gained about the state of science coverage in Cape Town newspapers needs to be interpreted within the context of the newsroom.

It is hoped that this study will be an important addition to the canon of South African media knowledge,

not just because it aims to fill a gap, but because it endeavours to provide the city's newspapers with external, detailed evidence that will enable them to evaluate how well they are covering science news compared to other newspapers, and perhaps encourage them to consider appointing more science reporters or making adaptations to the way they cover specific fields of science.

In addition, it is hoped that this study will be an informative resource for South African journalism schools which are contemplating including science reporting as part of their curriculum. (The only journalism department in the country which currently teaches science writing is at the University of Stellenbosch.)

There are two limitations to this study. Firstly, the findings are specific to Cape Town newspapers and should in no way be used to provide generalisations about the state of science reporting in South Africa as a whole.

Secondly, the research was conducted over a period of only two months, and while the researcher believes the findings to be accurate, valid and reliable, it is recommended that a replicate study be conducted over a period of a year or even longer.

## **1.2. Problem statement, thesis and aims**

Anecdotal evidence and the reading of Cape Town's newspapers over many years had created the impression (in the mind of the researcher) that they present diverse perspectives on the world of science. This led to the formulation of the problem statement of this study, namely that Cape Town's newspapers cover science news very differently from each other.

This comparative study aims to present statistical evidence that could shed light on the principal research problem. Accordingly, a quantitative content analysis (with some qualitative elements) was conducted by monitoring the science content of the city's six main newspapers (the *Cape Argus*, the *Cape Times*, *Die Burger*, the *Saturday Argus*, the *Sunday Argus* and the Saturday edition of *Die Burger*) between 1 June 2007 and 31 July 2007.

A total of 3 116 science news items (articles, columns, editorial comment, letters, stand-alone photographs and cartoons) from 156 newspapers were analysed. This comprised 43 copies each of the *Cape Argus*, the *Cape Times* and *Die Burger*, and nine copies each of the *Saturday Argus*, *Sunday Argus* and the Saturday edition of *Die Burger*.

This exploratory and descriptive study hopes to paint a comprehensive and accurate picture of the state of science journalism at these newspapers and, by so doing, aims to provide a wealth of baseline data which could be used as a springboard for further research in this field.

This study's problem statement inevitably gives rise to the question of *why* Cape Town's newspapers cover science news so differently.

This question led to the development and formulation of the study's thesis, namely that the individual

science writers' education, knowledge, interests, beliefs about science, attitudes towards their reporting and interactions with editors within the newspaper structures influence the coverage of science news in their newspapers. The secondary aim of this study is therefore to investigate and address this thesis.

### **1.3. Research design: Theory and methodology**

The gatekeeping model (which examines why and how journalists constantly make decisions about which news to allow through the “gates” and into the newspaper, and which news to exclude) forms the theoretical framework for the qualitative section of the research, which seeks to address the thesis statement.

This model is inextricably linked to the study's thesis in that it predicts that the amount and nature of science coverage is determined by journalists, editors and other factors within the context of their newspapers' structures.

Informed and directed by the thesis and the theory, this study employed qualitative research methods in order to provide deeper and more detailed interpretation and analysis so that the quantitative research findings could be understood.

The qualitative research incorporated survey questionnaires sent to and in-depth interviews conducted with eight specialist science writers from the six newspapers – five (of the six) from *Die Burger* and the Saturday edition of *Die Burger* (science, environment, health and agriculture), two from the *Cape Argus*, *Saturday Argus* and *Sunday Argus* (environment and science, and health) and one from the *Cape Times* (environment).

Three types of research methods were used in this study in order to neutralise the shortcomings inherent in each method, thereby increasing the validity and reliability of the findings. The research methods were conducted systematically and are explained in detail in Chapter 4 in order to enable other researchers to replicate the study as easily and as fully as possible.

It is necessary, at this point, to define and delimit the concept of science news “coverage”. For the purpose of this study, “coverage” is understood to encompass editorial items (including articles, columns and editorial comments), letters, stand-alone photographs and cartoons. The concept of “science” will be delineated later in this chapter.

### **1.4. Research hypotheses**

Four main hypotheses flow from the study's problem statement (“science news is covered very differently by the six newspapers”) and its thesis (“the coverage is different because of who and what the science writers are”). These hypotheses, as outlined below, are explored and tested against the research findings throughout the study:

- How specialist science reporters define and delineate the concept of science has a significant

bearing on the amount and range of science news in their newspapers;

- Specialist science reporters do not cover all science topics equally; they cover areas of personal interest and / or areas where they are knowledgeable and / or areas which they believe to be of importance;
- Newspapers with specialist science reporters contain more science news and also a wider range of science news than newspapers without specialist science reporters; and
- Specialist science reporters who have editors who believe in the importance of science coverage will generate more science news and also a wider range of science news than specialist science reporters who do not have editors who believe in the importance of science coverage.

## 1.5. What is science?

Before outlining the shape that the study will take, it is first necessary to explore, define and delineate the concept of science (since this will affect the tone and results of the entire study) and also to examine briefly the nature of science reporting. What, then, is science? It is a question with a myriad answers. *The Economist* (2007-08-18: 65) notes that “science” is a word that was only invented relatively recently:

When the Royal Society, the world’s oldest academy of the discipline, was founded in London in 1660, the subject was referred to as natural philosophy. In the 19<sup>th</sup> century, though, nature and philosophy went their separate ways as the natural philosophers grew in number, power and influence.

However, this still does not explain what science is, so let us turn to some of the great scientists and philosophers of the past for more enlightenment on the subject. In 1834, English philosopher and scientist William Whewell (Knowles, 1999: 813) defined natural philosophy by writing:

Nature, so far as it is the object of scientific research, is a collection of facts governed by *laws*: our knowledge of nature is our knowledge of laws.

In 1861, English philosopher Herbert Spencer broadened the definition, asserting that science is organised knowledge (Knowles, 1999: 732). More than 20 years afterwards, British scientist Lord Kelvin added the crucial element of measurement to his definition (Knowles, 1999: 432):

When you can measure what you are speaking about, and express it in numbers, you know something about it; but when you cannot measure it, when you cannot express it in numbers, your knowledge is of a meagre and unsatisfactory kind; it may be the beginning of knowledge, but you have scarcely, in your thoughts, advanced to the stage of *science*, whatever the matter may be.

In 1905, Henri Poincaré, a French mathematician and philosopher of science, incorporated the implication

of context and interpretation in his definition of science (Knowles, 1999: 580):

Science is built up of facts, as a house is built of stones; but an accumulation of facts is no more a science than a heap of stones is a house.

During the 20<sup>th</sup> century, scientists began to move into narrower and narrower fields of science, unlike their predecessors, whose interests tended to span the spectrum of scientific knowledge. Accordingly, definitions of science followed suit and became descriptions of specific fields of science rather than of science as a whole.

For example, Ernest Rutherford, being a physicist himself, noted (perhaps only half in jest) that all science is “either physics or stamp collecting” (Knowles, 1999: 640). Being a palaeontologist, Richard Fortey (2005: ix) claimed that “geology underlies everything: it founds the landscape, dictates the agriculture, determines the character of villages”.

Computer scientist A.K. Dewdney (1993: 1) stated that “mathematics lies at the very heart of our scientific and technical civilisation”, while astrophysicist John Gribbin (2000: 209) naturally described astronomy as the original science:

... all of us have seen stars, and few can have failed to wonder about their significance; science probably began when our ancestors first turned their eyes to the heavens and began to wonder what the stars are and how they got to be there.

Indeed, most definitions by scientists, especially as one gets closer towards the 21<sup>st</sup> century, tend to be biased towards their particular area of expertise.

Curiously, the *Oxford Dictionary of Science* contains no definition of science itself; nor does the *Geddes & Grosset Dictionary of Science*. However, *The Concise Oxford Dictionary* notes that the word comes from the Latin *scire* (meaning “to know”) and defines it as “systematic and formulated knowledge” (Fowler & Fowler, 1964: 1127-8).

*The Heritage Illustrated Dictionary of the English Language* provides a more detailed definition of science (1973: 1162):

The observation, identification, description, experimental investigation, and theoretical explanation of natural phenomena.

For the purposes of this study, science is understood to mean the accumulated and tested body of knowledge regarding the natural world. It covers “pure” science, the environment, health and technology.

During this study’s content analysis, all science news coverage in the six newspapers was assigned to one of the following categories: physical sciences, earth sciences, life sciences, medicine and health, technology, and science and beliefs.

Chapter 5, which deals with methodology, will shed more light on how the categorisation was created and will provide a list of all the categories and sub-categories. However, a short exposition of the categories is also provided in the paragraphs that follow.

The category of physical science encompasses the “traditional” or “pure” sciences like astronomy, physics, chemistry and mathematics, as well as energy. Earth science includes meteorology, climate change, geology, hydrology (water), and palaeontology and archaeology, while life science comprises agriculture, animals, plants, environment and pollution, evolution and genetics.

Science and beliefs, which is a category about ideas regarding science rather than a category about science itself, incorporates pseudoscience and superstition, and science and religion. The categories of technology and medicine and health are self-explanatory.

Finally, it is crucial to note that, throughout this study, wherever “science” is mentioned, this word is intended to mean and encompass “pure” science, the environment, health and technology.

## **1.6. The nature of science reporting**

Although it is beyond the scope of this study to examine what makes a good science journalist or what challenges science writers have to face and conquer, it is nevertheless necessary to contextualise the research topic by providing a brief overview of science reporting.

While science journalism is exciting and varied, it is also difficult, because science writers are required to have an extensive knowledge about all the fields of science they cover, including the debates and controversies within these fields.

In the past, science journalists were taught that their primary task was to translate complex scientific concepts into language that ordinary people could understand. However, the trend today is not only to explain and translate, but also to provide interpretative context for science news by questioning and critically analysing it, and by showing how it could impact positively or negatively on daily life.

Despite this broad trend, there are still a number of varying approaches to science journalism. Some reporters focus purely on scientific news, while others prefer to concentrate instead on the social, political and economic implications because they believe that readers need to know “the nature of evidence underlying decisions, and the limits – as well as the power – of science applied to human affairs” (Nelkin, 1995: 171).

Science writers often have an insatiable curiosity about the world and their job affords them the opportunity of acquiring fascinating new knowledge from experts every day. They enjoy the freedom and satisfaction of learning about diverse fields of science, unlike scientists, who specialise very narrowly.

In order to understand the framework within which science journalists must operate, it is useful to reflect on a list of “What every journalist should know about science and science journalism”, by Boyce

Rensberger, former *New York Times* and *Washington Post* science writer (2002: 11):

- Science demands evidence, and some forms of evidence are worth more than others are. A scientist's authority should command attention but, in the absence of evidence, not belief;
- There is no one scientific method, but all good science includes elaborate procedures to discover and avoid biases that might mislead;
- Uncertainty is a sign of honest science and reveals a need for further research before reaching a conclusion. Cutting-edge science is highly uncertain and often flat-out wrong;
- The pace of science, despite the hype, is usually slow, not fast. Breakthroughs are never the result of one experiment;
- Balanced coverage of science does not mean giving equal weight to both sides of an argument. It means apportioning weight according to the balance of evidence;
- Virtually all new technologies pose risks along with benefits. Thus, "safe and effective", whether applied to drugs or new devices or processes, are always relative terms. It is irrational to ask whether something is safe or not. Nothing is 100 percent safe. Policy decisions involving science must balance risks and benefits;
- Journalists and scientists espouse similar goals. Both seek truth and want to make it known. Both devote considerable energy to guard against being misled. Both observe a discipline of verifying information. Both insist that society allow them freedom to pursue investigations wherever they lead. Neither requires licensure or approval of an outside authority to practice its craft; and
- News organisations usually invest too much importance in a scientific development and not nearly enough in the broader trends.

In many first world countries, particularly the United States of America, the major newspapers all tend to have science desks with teams of science writers. In South Africa, on the other hand, few newspapers have more than one science writer, and even then, they tend to cover only health and the environment, and not the full spectrum of science.

In Cape Town, *Die Burger* is a notable exception, having a science desk with six specialist science writers who cover science, the environment, health and agriculture. The *Cape Argus* has two, one covering health and the other predominantly the environment, but also general science. The *Cape Times* has one environment writer, but she is on sabbatical at Harvard University for a year and has not been replaced.

Finally, a word of caution from the late astronomer Carl Sagan (Blum & Knudsen, 1997a: vii), who made an observation in America more than a decade ago which is equally relevant and applicable to South

African newspapers today:

With very few exceptions, every daily newspaper in America has a daily astrology column.  
How many have even a regular, weekly science column?

It is hoped that this study will not only provide useful and interesting information about the state of science journalism in Cape Town's print media, but that it will also demonstrate the importance and relevance of science news, and hopefully encourage editors (who publish pseudoscience in the form of horoscopes every day) to include more true science in the pages of their newspapers.

## **1.7. Conclusion and outline of the study**

This chapter provided an introduction to the various elements of the study, including the research context, the problem statement, thesis and hypotheses, the aims of the study, and the research design. It also defined the concept of science and briefly explored the genre of science reporting. In conclusion, it is necessary to explain what will be covered in the rest of the chapters.

This study follows a logical and systematic progression through to its conclusions and recommendations. In Chapter 2, the scene is set and the study contextualised with a review of the existing literature in the field of science journalism, both in South Africa and overseas.

Chapters 3 and 4 explain the study's research design. The theoretical approach to the study is discussed in Chapter 3, which contains an examination of the gatekeeping model, as well as short explorations of agenda-setting and newsworthiness. The quantitative and qualitative methodologies used in the research, namely content analysis, survey questionnaires and in-depth interviews, are covered in Chapter 4.

Chapter 5 is the seminal part of the study, because it summarises and explores the quantitative research findings from the content analysis of science news coverage in the six Cape Town newspapers. This chapter provides the evidence required by the problem statement, which states that the city's newspapers cover science news very differently from each other.

Chapter 6 provides interpretation for Chapter 5 by addressing the thesis statement, namely that the coverage of science news differs from newspaper to newspaper because of who the specialist science writers are, and by testing the four research hypotheses. This is done by presenting the interpretative findings of the qualitative research methods of survey questionnaires and in-depth interviews with the journalists, integrated into the statistical background of the quantitative research results. This chapter brings together all the aspects of the research to form a meaningful, relevant consolidation of the findings.

The study ends with the conclusion and recommendations in Chapter 7, followed by the list of references and the research results data in the form of appendices A to H.



## **2. Literature review**

### **2.1. Introduction**

This chapter will examine a range of local and international research about science news coverage in newspapers during the past decade, with a particular focus on the past five years, in order to discover what trends are constant across newspapers and even national boundaries. It will also demonstrate a gap in the knowledge of science coverage in Cape Town's newspapers; a gap which this study aims to fill.

### **2.2. Overseas research**

Over the years, a number of studies on newspaper science reporting have been conducted overseas, particularly in the United States of America. However, this section will focus on four studies done outside the USA, namely Europe (2002), the United Kingdom (2003), Australia (2003) and Latin America (2005).

#### **2.2.1. Europe**

The European study, entitled "Science in the news: a cross-cultural study of newspapers in five European countries", was conducted in England, Ireland, Spain, Germany and France from 26 to 29 April 2001. Researchers in each of these five countries studied science coverage across a range of newspapers in order to identify trends and tendencies. A number of their findings were constant across cultures (Holliman, Trench, Fahy, Basedas, Revuelta, Lederbogen & Poupardin, 2002: 2-3):

A large majority of sampled stories was based on life sciences, or biomedical sciences (including palaeontology, medical research, and psychology)... Much of the scientific content was "background" rather than "foreground"... Very little of the science reported could be characterized as "European science"...

The researchers found that stories which were shared across countries tended to have the same leading scientific journal as a source and the resultant article was usually formulated in a similar way, using "common genres" such as (Holliman et al., 2002: 4):

"Scientists at [institution X] have discovered that [finding Y], according to a paper published in [journal Z]" ... [and] ... "Scientists have discovered (information) which may lead to a cure for (disease)."

#### **2.2.2. United Kingdom**

A study which focused on a single country but for a much longer period of time (seven and a half months) was the United Kingdom's Economic and Social Research Council's 2003 report, "Towards a better map: Science, the public and the media", which examined how science was reported on television news, radio news and in the press in the UK in 2002.

The study, which also included two nationwide surveys, focused on the coverage of three particular issues: climate change, the MMR (measles, mumps and rubella) controversy and cloning / genetic medical research (Hargreaves, Lewis & Spears, 2003: 2).

The study found that 34% of all science coverage in newspapers during the period monitored was on medical issues, while news about MMR, cloning and genetic medical research accounted for 9% of science coverage in newspapers, and climate change for just 3% (Hargreaves et al., 2003: 10). It also found that newspaper science reporting had a distinctive style (2003: 11):

... newspapers often use science stories as fillers, with little discussion of the repercussions or background of the research. These stories tend to be quaint or diverting, rather than part of a larger story.

The researchers discovered that the news media clearly plays a role in informing the way people understand science (Hargreaves et al., 2003: 52):

... most people are aware of the main *themes* or *frameworks* of media coverage of science related stories. Information that is subsidiary to these themes, be it part of the background to a story or information that does not recur (such as the passing of legislation) is unlikely to get across ... A journalistic convention (such as the balancing of two views) may, if repeated often enough, be interpreted literally as reflecting parity of research evidence.

Finally, and contrary to popular opinion, the researchers found little evidence to support the idea that including more science and scientists in the media increases the public understanding of science, and concluded by stating that what matters is “establishing clear connections between science, policy and the broader public interest” (Hargreaves et al., 2003: 53).

### **2.2.3. Australasia**

An Australasian study (“How much “real” science do Australian and New Zealand newspapers publish?”), published in 2003, analysed nine Australian newspapers and one New Zealand newspaper over a period of seven years. It sought to evaluate how much “pure” science (as opposed to non-core science and pseudo-science) was printed in these newspapers (McIlwaine, 2003: 10-11):

Science news, though a minor component of newspapers’ editorial space in Australasia, is expanding steadily in all newspapers, but from a small base in some and from a very small base in others ... The rate of increase in science items in Australasian newspapers has been rapid and is ongoing, but science’s share of editorial content appears unlikely ... to challenge traditional areas of news interest.

The study found that the proportion of science content in Australasian metropolitan newspapers (from 0.42% in the *Daily Telegraph* to 1.35% in the *Canberra Times*) was similar to those from prominent US

and UK newspapers, but lower than those in leading European newspapers (McIlwaine, 2003: 11).

The researchers also discovered that when editorial space shrinks, so does science coverage, although this does not occur where newspapers have designated science writers (McIlwaine, 2003: 11).

#### **2.2.4. Latin America**

Finally, a Latin American study ("Science journalism in Latin America: A case study of seven newspapers in the region"), published in 2005, looked at the amount of science coverage in seven daily newspapers, including three from Brazil and one each from Argentina, Chile, Mexico and Ecuador, during April 2004. The results ranged from an average of 0.8 articles per day in *El Comercio* in Ecuador to 3.6 articles per day in *La Nación* in Argentina (Massarani, Buys, Ammorim & Veneu, 2005: 3).

The researchers also looked at the types of science news covered in each newspaper. For example, 60% of science articles in *La Nación* were about biological sciences, while 45% of science articles in *El Mercurio* (Chile) were about physics (Massarani et al., 2005: 3). They also found that little was written about scientific controversies and risks (2005: 4).

In addition, the study examined the local and foreign sources of science news. Local research accounted for just 30% of science news in the Brazilian newspaper *O Globo*, compared to 70% in another Brazilian newspaper, *Jornal do Commercio* (Massarani et al., 2005: 5). The researchers observed an influence of foreign news agencies and the publication of foreign newspaper articles in full, noting that journalists seldom provide a Latin American context for articles about foreign scientific research (2005: 3-5):

In several cases the journalists assume a non-critical attitude toward the sources of information coming from First World news agencies and newspapers. This information is ... republished without enough concern in adequating to local reality.

### **2.3. South African research**

There have been a limited number of broad studies on science coverage in South African newspapers over the past decade. These include a three-month analysis of 15 publications in 2002, conducted by the University of Stellenbosch, and a national journalism skills audit, also in 2002, which included scientific general knowledge as one of the essential skills needed (but seldom possessed) by newspaper reporters. Looking specifically at science journalism in Cape Town, a number of master's dissertations from the University of Stellenbosch's Department of Journalism have concentrated on this region, often focusing narrowly on a single newspaper or the coverage of a single category of science news.

#### **2.3.1. Science coverage in the print media**

The most wide-ranging of the broad local studies is "A Report on Science and Technology Coverage in the SA Print Media", by Carine van Rooyen and 22 students from the University of Stellenbosch's

Department of Journalism, who monitored 15 publications across the country for a period of three months in 2002 in order to “establish the status of science and technology in a representative sample of the South African press” (Van Rooyen, 2002: 3).

The study was performed because very little literature could be found on science reporting trends in the South African press (Van Rooyen, 2002: 8). The publications which were monitored included six dailies, five national weeklies, two regional weeklies and two magazines. The only Cape Town newspapers that were included were *Die Burger* and the *Cape Argus*.

The researchers found that only 1.8% of all editorial monitored was dedicated to science and technology news (Van Rooyen, 2002: 13). The science topic which received the most coverage was biomedicine (18%), followed by astronomy (14%), HIV/Aids (12%) and technology (12%). The large number of astronomy stories could be attributed to the fact that South African Mark Shuttleworth travelled to the international space station during the monitoring period (2002: 18).

The researchers observed that 70% of science coverage had a positive tone, that 29% dealt with controversial issues and that 42% promoted the benefits of science technology (Van Rooyen, 2002: 15-17). It was also discovered that 62% of the sources and scientists quoted were foreign, while only 38% were South African (Van Rooyen, 2002: 20):

It can be argued that the local press is too dependent on foreign publications and news agencies in the provision of science stories. This also explains why fewer local sources are quoted. It should be noted, however, that economic restraints probably add to the apparent lack of dedicated science writers...

Finally, Van Rooyen postulated that the number of science stories that appear in newspapers might be impacted by “gatekeepers (editorial staff who influence the flow of information) in the newsrooms” (2002: 14-15). The validity of her prediction is tested by means of this study’s qualitative research. However, this study expands her prediction so that it includes not only the number of stories, but also the types of science covered and the placing of the stories within the newspapers.

### **2.3.2. National journalism skills audit**

A study which was even more wide-ranging, but not exclusively focused on science journalism, was the South African National Editors’ Forum (Sanef) “South African National Journalism Skills Audit” in 2002, which involved 112 reporters with two to five years’ experience from 32 media institutions across the country. The study found that reporting, writing and accuracy skills were areas that needed urgent attention (De Beer & Steyn, 2002: 11).

One of the issues on which the report focused was the “apparent lack of training” of journalists (De Beer & Steyn, 2002: 19). This had bearing on the section of the research dealing with general science knowledge, where reporters were asked two basic questions which required no scientific explanation or

understanding.

De Beer & Steyn, noting that the journalists “experienced great difficulty with this section” (2002: 38), report that a total of 31% of respondents overall, including 60% of respondents from Durban, gave an incorrect answer to the question “Who formulated the theory of relativity?” (Albert Einstein), while 28% of respondents overall, including 60% of respondents from Johannesburg, gave an incorrect answer to “Who formulated the theory of evolution?” (Charles Darwin).

De Beer & Steyn note that, despite the fact that 30% of respondents indicated that their journalism training comprised science and technology as a major subject, the reporters’ scientific literacy seemed to be alarmingly low (2002: 32):

These findings might highlight the fact that reporters lack the basic skills and background knowledge to effectively contextualise a story or place it within the relevant framework. The fact that their general knowledge skills were not on par prevented them from “seeing the bigger picture” within which they had to fit their stories.

### **2.3.3. South African research: numeracy skills**

A number of very specific and narrowly-defined studies have been conducted by students from the University of Stellenbosch’s Department of Journalism in recent years. The results of these studies have little bearing on a panoramic study of science reporting in Cape Town newspapers, but they nevertheless provide important background and context regarding the type of science journalism research that has been undertaken in the Western Cape to date.

Three of these theses focused on the lack of numeracy among South African journalists and the corresponding inaccuracies in their articles. Bun Booyens’ thesis (“Onontbeerlike vaardighede vir wetenskapsjoernaliste in Suid-Afrika” – “Indispensable skills for science journalists in South Africa”) stated that numeracy is an indispensable skill for science journalists (1999: 24).

Amelia Genis’s study (“Numbers count: the importance of numeracy for journalists”) called for improved numerical literacy and emphasised that “there is a minimum set of skills that every journalist needs” in order to be a competent reporter (2001: 16).

Juanita Prinsloo’s thesis also dealt with numerical skills (“Worstel joernaliste om syfers te ontsyfer? ’n Gevallestudie van ’n steekproef Suid-Afrikanse joernaliste se syfervaardighede” – “Do journalists struggle to decipher figures? A case study of a sample of South African journalists’ numerical skills”). The research focused on a mathematics test completed by 54 journalists from seven newspapers.

Prinsloo (2006: 58) was surprised that the journalists obtained an average mark of 72.52% for the test, but she nevertheless advised that emphasising and improving numerical skills in journalism will lead to greater precision in reporting (2006: 63).

### **2.3.4. South African research: health reporting**

A large proportion of science journalism theses have focused on medical and health issues. Martha (Mia) Malan's 2003 thesis ("The scientific politics of HIV/Aids: A media perspective") dealt with governmental involvement in specific scientific debates surrounding HIV/Aids in media across the country, while Natasha Bolognesi's 2006 thesis ("The media management of Nevirapine: content, causes and consequences") focused on HIV/Aids coverage, specifically the portrayal of the antiretroviral drug Nevirapine, in Western Cape daily newspapers.

Anèl Powell's 1998 thesis ("The South African Press as Watchdog or Lapdog: A content analysis of press coverage of a health policy May 1997 – February 1998") concentrated on the coverage of the Medical, Dental and Supplementary Health Service Professions Bill, in the *Cape Times*, *Die Burger* and *Sowetan*.

In addition, Gideon de Wet (head of the Department of Communication at the University of Johannesburg) researched Aids news sources. His study ("Agenda setting and HIV/Aids news sources, implications for journalism education: An exploratory study") was published in *Ecquid Novi* in 2004.

He examined news reports and opinion columns about Aids in December 2001, in the *Sunday Times*, *Rapport*, *Sowetan*, *Beeld* and *The Star*, and concluded that more prominent HIV-positive people could be used as news sources in order to change perceptions of the disease in a positive way. Of the 85 articles and columns analysed, only four included quotes by an HIV-positive person and only 14 had a scientific (as opposed to political, cultural or economic) theme (De Wet, 2004: 106).

### **2.3.5. South African research: controversial issues**

A number of theses from students at the University of Stellenbosch's Department of Journalism have been written on topical and controversial issues which engender much debate and strong feelings on the part of the newspapers' readers.

In his 2006 dissertation ("Die historiese debat oor kreasionisme en evolusie, met spesifieke verwysing na 'n seleksie van briewe in *Die Burger* 1999-2002" – "The historical debate about creationism and evolution, with specific reference to a selection of letters in *Die Burger* 1999-2002"), Wyno Simes examined the letters regarding a single topic in a single newspaper, but over a period of four years.

In another example, CA van der Linden researched the coverage of cloning in the *Cape Argus*, *Cape Times* and *Die Burger* from November 2002 to November 2003 ("Cloning in the news: An analysis of how the science and ethics of cloning are reported in three daily newspapers of Cape Town"). Van der Linden found that only 30% of the articles explained the science of cloning (2004: 45) and that 83% of articles focused on breaking news (2004: 46). It must be noted that his research looked at the newspaper coverage overall and not at each newspaper individually.

## 2.4. Conclusion

The findings of the local and international research into the trends involving science reporting in newspapers can be summarised as follows and can be interpreted as being predictions regarding what may emerge from this study involving six newspapers in Cape Town:

- few studies have been done on science reporting in developing countries;
- across the world, science news coverage forms a small part of overall news coverage;
- the presence of science writers at a newspaper ensures a constant flow of science news;
- most science stories are about medicine or life sciences;
- most science stories do not explain the science behind the news;
- science stories are often used as fillers and lack context;
- newspapers influence how readers view science and scientific debates;
- journalists often lack scientific general knowledge;
- science stories are more effective when they are relevant to the public;
- journalists in general are dependent on peer-reviewed scientific journals as sources;
- journalists in developing countries report more on foreign science than local science; and
- journalists use stories from foreign news agencies without providing local context.

Certain of these findings are of relevance to this study (particularly those involving science writers, science categories, news agencies, foreign focus and explanations) and will be addressed in the analysis of the research results.

While the literature review indicates that much research has been conducted overseas (over time periods ranging from four days to seven years), very little has been performed in South Africa and, where it has been conducted, it has either been very broad and superficial or very narrow and therefore not suitable for application outside its focus.

In conclusion, this chapter has demonstrated, through a literature review, that there is a gaping hole in the research into science coverage in Cape Town newspapers. This study aims to fill this gap by providing a comprehensive two-month study of science coverage in the six newspapers. Ideally, this study should be repeated over a year or longer to test the validity of its findings. This chapter has also shown that there are many international trends regarding newspaper science coverage which could well apply to Cape Town.

### 3. Theoretical approach

This chapter will examine the theoretical model of gatekeeping as a method for interpreting the roles that journalists and editors, as well as their newspaper structures and various wider societal influences, play in determining what science news is printed, and why. The agenda-setting model and the concept of newsworthiness will also be discussed briefly.

#### 3.1. Introduction

A theoretical context is essential for the interpretation of data collected during a study, because if authors do not interpret their own data, then “the reader will engage in this interpretative activity willy-nilly” (De Beer, Tomaselli, Burger & Grobler, 2004: 371).

Relentlessly pursued by an endless tide of tight daily deadlines, journalists seldom take time to ruminate on how and why they do what they do. Thus, the newspaper world is largely an arena of frenetic activity without the tempering (or, conversely, change-inducing) influence of self-examination or self-awareness.

Critical thought remains predominantly the domain of media theorists within academia, who have the advantage of being distant enough to pass reasoned judgements and construct fairly objective theories about how and why newspapers work. According to McQuail (2005: 308):

The regularities of behaviour and thinking that result from ... routines give rise to empirical generalisations and to the possibility of theorising about what is going on.

The purpose of theories is to discover universal laws and patterns of behaviour (Oosthuizen, 2004b: 134). Useful theories, according to Maxwell (1996: 33), are ones which provide enlightenment and insights and broaden understanding. In many of the texts on media theories, the statements (and the theories themselves) are wide-ranging and overarching. However, for the purpose of this study, they will be applied specifically to newspapers, while not losing sight of the greater media context.

It is imperative to mention that there is a plethora of theories, paradigms, frameworks, approaches and ideas about the media. Many do not fit neatly into specific categories (reflecting the complex and diverse range of ideologies which generated them), but overlap and can be applied to different contexts and research settings. However, it is not within the parameters of this thesis to examine the history, growth and conflicts between all these entities, whose categorisation and definitions are often sources of heated debate for media theorists and researchers.

Rather, this study focuses specifically on the gatekeeping model as the theoretical basis for the qualitative component of the research (and for elements of the quantitative research), without losing sight of the fact that it exists within the broader context of media theory and mass communication. Thus, a short explanation of the wider framework is provided, but not examined in detail.



### 3.2. The functionalist approach

In this study, the theoretical model of gatekeeping will be examined within the functionalist approach to media analysis, which encompasses a number of different functionalist models.

Functionalism is a “media-society theory” (McQuail, 2005: 96). It is described by Watson & Hill as a mode of media analysis which focuses on “the ways in which social systems maintain equilibrium” (2003: 113):

[Functionalism] interprets social behaviour in terms of its contribution to the assumed overall goals of society, recognising a consensus within society of common norms and values.

Media systems in society are “powerful socialisation instruments” which “should function towards integration, harmony and cohesion” (Fourie, 2004d: 265).

Despite functionalism being “quite useful in explaining the process of mass communication within the context of a paradigm that postulates that society and its interfacing and interlocking structures strive towards balance and not conflict” (De Beer, 1998b: 13), it has been criticised for not taking change into account and for ignoring economic influences on media systems. According to McQuail (2005: 556):

The theory has largely been discarded as offering no analytic purpose and being unable to deal adequately with social conflict and change... Even so, it still provides a general orientation to some larger questions of social process...

There are two versions of the functional approach (De Beer, 1998b: 13-15). One version (that of Lasswell and Wright) says that mass communication should inform, educate and deliver a service, while the other version (the models of Hiebert, Ungurait and Bohn) states that the relationship between media and society is reciprocal, and that the media are affected by certain forces specific to each country.

Functionalist theories are linked to normative theories of the press, which focus on ideal views about the role of the media in society, how the press should or could be (Fourie, 2004: 269) and “the ideas of right and responsibility that underlie these expectations of benefit from the media” (McQuail, 2005: 162). The related social responsibility approach encompasses the belief that the press “should accept and fulfil certain obligations to society”, such as setting high standards of “informativeness, truth, accuracy and balance” (De Beer, 1998b: 19).

Functionalism falls within the broad paradigm of empirical or administrative theory and research, which focuses on media functions and effects and which desires a better understanding of how the media work and are organised, in order to increase the media’s effectiveness and plan for particular outcomes (Fourie, 2004b: 238-239).

Closely linked to the administrative paradigm and the functionalist approach is the positivist research tradition, also known as quantitative or empirical research, where “the knowledge obtained is the result of objective observation” (Oosthuizen, 1997: 3). The emphasis in positivism is on “knowledge derived from

scientifically processed experiential data without recourse to metaphysics” which must be used “to improve society” (Fourie, 2004b: 239-40).

While the bulk of the research conducted for this study was quantitative (positivist) in nature, it also comprised qualitative elements, which will be expounded upon in Chapter 4.

Finally, it should be borne in mind that all theories and approaches have inherent weaknesses and no single approach can be said to be a comprehensive or fully reliable interpretation of reality. In addition, Tomaselli notes that “we need to problematise our own subjectivities in relation to our research” (2004: 218).

An open-minded approach to the theoretical framework and the use of divergent research methods are therefore essential if a researcher is to arrive at a balanced, reliable and valid conclusion.

### **3.3. The gatekeeping model**

Since newspaper journalists receive more news than they are able to print, they have to make decisions about what to leave out. As a result, the original message is changed (Oosthuizen, 2004c: 205) and readers “are presented with only a part of daily reality” (2004c: 196).

This process of decision-making is known as “gatekeeping”, a term coined 60 years ago. It is “the process through which certain information passes a series of checkpoints (gates) before being finally accepted as news material” (Oosthuizen, 2004c: 196).

The linear model of mass communication states that senders transmit messages to receivers through mass media channels (Campbell, Martin & Fabos, 2007: 14):

In the process, gatekeepers (such as editors, producers, and other media managers) function as message filters. Media gatekeepers make decisions about what messages actually get produced for particular audiences.

The gatekeeping metaphor is described by McQuail (2005: 556) as a general term for “the role of initial selection and later editorial processing of event reports in news organisations”:

News media have to decide what “events” to admit through the “gates” of the media on grounds of their “newsworthiness” and other criteria.

Gatekeepers are not only journalists, nor only editors (who decide where to place the articles and how much space to allocate), but also boards, senior managers, “the norms and standards of the institution” and the journalists’ desire to “protect their jobs and avoid conflict”, as well as the influences of time, space limitations, physical proximity and cultural relevance (Oosthuizen, 2004c: 202). In fact, the gatekeeping process begins with journalists’ sources, who can “distort or withhold information” (2004c: 205).

### 3.3.1. Development of the gatekeeping model

The gatekeeping model (or “the existence of ‘gate areas’ along channels of communication”) was first postulated in 1947 in Kurt Lewin’s study on the decisions involved in buying food, in which he compared this aspect of human behaviour to the flow of news in mass communication (Watson & Hill, 2003: 311). Lewin noted that at each gate, decisions are made about what information is allowed to pass through.

The next step in the development of the model came three years later when David Manning White applied Lewin’s theory to a case study of “Mr Gate”, a telegraph wire editor at an American newspaper. This research was published as an article entitled “The gatekeepers: a case study in the selection of news” in *Journalism Quarterly* in 1950. White performed his research by asking the editor to save all his unused copy for a week and then explain why each one was not used (Snider, 2004: 283).

White’s model (which focuses on the exclusion of articles rather than a complexity of broader influences) is only used today as a starting point for analysing the gatekeeping process, because it does not include other factors which constrain and direct the mass communication process (Watson & Hill, 2003: 311):

The model also indicates only a single gate and a single gatekeeper, where in practice news passes through many gatekeepers, official and unofficial, direct and indirect.

In early gatekeeping research, the subjective nature of news selection was emphasised, but the focus later changed to systematic organisational or ideological influences on selection (McQuail, 2005: 309). These included “bureaucratic routines” and “values and cultural influences” arising from “the social (and national) setting of news activity” (2005: 309).

A further improvement to the gatekeeping theory came with J.T. McNelly’s 1959 model of news flow. Writing in *Journalism Quarterly*, he identified many intermediary communicators (indicative of the newsroom milieu of almost half a century ago) through which a news item must pass, such as the foreign agency correspondent, the regional bureau editor, the agency central bureau or deskman, the national or regional home bureau editor, and the telegraph editor or radio or TV news editor (Watson & Hill, 2003: 169). McNelly also examined the post-publication stage, where readers relayed the information to their friends and family, shortening the stories and prioritising certain elements in the process.

Norwegian researchers Johan Galtung and Mari Ruge’s 1965 model of selective gatekeeping further developed McNelly’s model by adding the element of the selection of news according to a certain set of criteria (news values or newsworthiness).

Galtung and Ruge’s research is “a focal point for those who ask the questions: what qualifies as news and what makes one item of news predominate over another?” (Watson & Hill, 2003: 14). According to McQuail (2005: 556), key questions regarding newsworthiness relate to criteria applied and systematic bias.

Seventeen years after White's "Mr Gate" research, Paul B. Snider attempted to repeat the case study as far as possible. It was 1966 and "Mr Gate" was still the telegraph wire editor at the same newspaper, although a number of conditions at the newspaper had changed. Snider (2004: 286) concluded that "both the wire service and Mr Gate produce better balanced products in 1966 than they did in 1949".

German Maletzke's 1963 model of the mass communication process took into account a wide range of factors (including news values) which affect participants in this process (Watson & Hill: 2003: 161), while in 1969, A.Z. Bass introduced his double action model of internal news flow, which built on White's 1950 gatekeeper model and McNelly's 1959 model of news flow (2003: 22).

Bass outlined his model in a 1969 article entitled "Refining the gatekeeper concept" in *Journalism Quarterly*, in which he argued that the most important gates are within the news organisation (Watson & Hill, 2003: 22):

Bass divides the operation into a newsgathering and a new processing stage. Writers, reporters and local editors are closer to the "raw" news, the event, than those involved in Stage II of the gatekeeping process, while those involved at Stage II are closer to the power centre of the organisation and therefore more subject to the organisation's norms and values, and to pressures from competing stories.

In a relatively recent addition to the theory, P.J. Shoemaker wrote a book in 1991 entitled *Gatekeeping*, which extended the original model by including the wider social context and taking into account not only the content, but the expected audience and cost issues (McQuail, 2005: 309):

She draws attention to the role of advertisers, public relations, pressure groups, plus varied sources and "news managers" in influencing decisions. In her model, gatekeeping usually involves multiple and succeeding acts of selection over the period of news production. Often group decision-making is involved.

### **3.3.2. Weaknesses of the gatekeeping model**

Because the original theory focused almost exclusively on individuals making decisions according to personal beliefs, the gatekeeping model has not been universally accepted. As such, it has been constantly revised over the years (McQuail, 2005: 309):

Weak points are its implication of there being one (initial) gate area and one main set of selection criteria, its simple view of the "supply" of news, and its tendency to individualise decision-making.

It has also been criticised for its "neglect of the pressures on media workers in doing their jobs" (Williams, 2003: 103) and for its disregard for "broader and more powerful contextual factors" which include (Boyd-Barrett, 2004b: 272-3):

- contexts that determine the profile and style of news available (such as news agencies and competing newspapers);
- the immediate working environment;
- the overall environment of news production (including news selection by news agencies);
- professional ideologies which define news values and news-gathering procedures;
- the symbiotic relationships between news sources and news media;
- the political economy of news media; and
- the general social and cultural environment.

According to McQuail, the gatekeeping concept erroneously implies that news is a knowable reality which simply arrives at gates, ready to be selected “according to appropriate criteria of reality reflection, significance or relevance” (2005: 311) and therefore gatekeeping does not account for the whole selection and construction process (2005: 312):

[The process of construction] takes place largely according to schemes of interpretation and of relevance which are those of the bureaucratic institutions that either are sources of news or process events ... The main factors that influence eventual choice can be considered under the headings of “people”, “place” and “time”, usually in one combination or another. Alongside or built into these features ... are questions of cost and of audience appeal.

### **3.3.3. Choice of the gatekeeping model**

Despite the weaknesses of the gatekeeping model (indeed, all models contain weaknesses), it has been used as the main theoretical framework for this study because the researcher believes it to be the most appropriate and relevant model available for examining the role that journalists play in determining the amount and nature of news output.

The model's expansion and development over the past 60 years has endowed it with a wide variety of useful elements regarding influences on news selection, as well as the flexibility to add further aspects to this theoretical approach where necessary.

The choice of a certain model not only shapes the research design; it also defines and limits the potential findings and excludes findings that would be possible through the use of other models. Therefore, because it was decided not to employ a model relating to audiences, the findings of this study do not provide information about how readers interpret and are affected by the news they read in the newspapers.

However, the decision to focus on the newsroom and the journalists (instead of the readers) was a deliberate and intentional one, guided by the questions posed by the study's problem statement and thesis. Thus, through the use of the gatekeeping model, the findings of this study offer a wealth of information about how news travels from source to print and also provide answers to the question of why Cape Town's newspapers each cover science news very differently.

### 3.4. The agenda-setting model

Agenda-setting ("the way the media set the order of importance of current issues") is closely linked to the gatekeeping process (Watson & Hill, 2003: 5) and will therefore be explored briefly in this chapter. Although gatekeeping forms the predominant theoretical framework for this study, the agenda-setting model is employed to interpret the interaction and intertextuality between articles and letters (in other words, between journalists and readers) in the newspapers.

The first systematic study of the agenda-setting hypothesis was done when McCombs and Shaw studied the 1968 American presidential campaign and hypothesised in a 1972 article that the mass media set the agenda for political campaigns (Severin & Tankard, 1988: 265-266). They found that readers do not only learn about an issue "but also how much importance to attach to that issue from the amount of information in a news story and its position" (McCombs & Shaw, 2004: 153).

Since then, agenda-setting research has tested the idea that "priorities found in media (as measured by space and prominence) will shape the priorities of public (or audience) opinion" (McQuail, 1995: 221).

Agenda-setting researchers have argued that "the mass media do not so much tell us what to think as *what to think about*" (Campbell, Martin & Fabos, 2007: 528). In other words, the influence of the media "is not on the direction of opinion but only on what people think about" (McQuail, 2005: 548).

There are different schools of thought regarding agenda-setting, with some researchers believing that the media influence their audiences by emphasising problems that are not the most important problems in reality (Severin & Tankard, 1988: 282), and with others arguing that the media merely respond to the public and give them what they want (Williams, 2003: 181).

Despite much research, the agenda-setting process is poorly understood (Severin & Tankard, 1988: 282):

What takes place when issue saliences are transferred from the media to the minds of individuals? Are some cues (headline size, front-page play, position in a news broadcast, use of photographs or visuals) more important in suggesting salience than others? Or is the important factor the accumulation of cues over time, no matter what their particular form?

Closely related to agenda-setting is the framing theory, which describes how news content is "typically shaped and contextualised by journalists within some familiar frame of reference and according to some latent structure of meaning" (McQuail, 2005: 555).

Framing constitutes “selection and salience – what is perceived to be most meaningful” (Watson & Hill, 2003: 110) and causes journalists to introduce “(unintended) bias” (McQuail, 2005: 379).

It involves the use of news angles (“interpretative and ideological frameworks from which journalists report about an issue and the contextualisation of news reports within a specific (ideological) framework”), which affect how the public interpret the articles (Fourie, 2004c: 305).

### **3.5. Newsworthiness and news values**

Any investigation into gatekeeping (and agenda-setting) inevitably leads to the topic of newsworthiness and news values, as originally defined by Galtung and Ruge. As Watson & Hill (2003: 192) ask: “The agenda controls the gate, but what controls the agenda?” The answer, according to Oosthuizen (2004a: 453), is news values:

News is not something that happens out there and which is then reported. News is primarily the events that are selected as newsworthy by journalists...

News values are criteria applied by journalists and editors to “determine whether or not to carry particular items of news” (McQuail, 2005: 562):

In commercial media, the consensus “value” is whether or not the item concerned is likely to interest a potential audience. However, there are other sources of value, including a judgement of intrinsic significance or the pull or pressure of influential interests other than the audience.

De Beer observes that good news is often seen as not being newsworthy (2004: 201) and that the nearer and more intense the news event, the bigger its news value will be (2004: 198). He summarises Galtung and Ruge’s list of factors that make up news selection and which are still seen as applicable in today’s newsrooms (De Beer, 2004: 197):

- Time span: The event should best fit the time schedule of the news medium;
- Intensity or threshold value: Magnitude or sudden increase in the normal level of events;
- Clarity / lack of ambiguity: A story with clear facts would rather be published;
- Cultural proximity or relevance: The closer the event, the better;
- Consonance: Stories that are “expected” – for instance, corruption in certain countries – are more likely to be selected;
- Unexpectedness: The more unusual or unpredictable (also the reverse of consonance) will add to a story’s news value;

- Continuity: Once a story is “running” there will be some momentum to carry it further;
- Composition: News stories should normally fit the overall balance of the medium; and
- Sociocultural values of the society and the gatekeepers at the particular news medium.

McQuail (2005: 309) observes that these factors include socio-cultural (ideological) influences stemming from Western values, as well as organisational (bureaucratic) and genre-related factors. There is a bias towards events and stories that “fit the machinery of selection and retransmission” (2005: 310).

Researchers generally believe that the selection of news according to whether it is “newsworthy” is systematic and largely standardised, although specific details vary from journalist to journalist. According to Watson & Hill (2003: 114):

The selection or rejection of material is made according to a set of criteria determined by a number of factors – the gatekeeper’s class background, upbringing and education and his/her attitudes to the world (values); plus the values, norms and traditional wisdom of the organisation for which the gatekeeper works.

Finally, a word of caution: Although much gatekeeping research has been done, researchers have not been able to shed light on what news selectors regard as “relevant” news because so many factors play a role (McQuail, 1995: 216). Thus, any study which examines gatekeeping factors should realistically admit that its qualitative findings are neither definitive nor conclusive, but are open to interpretation and debate.

### **3.6. The knowledge gap theory**

There are many other theories (including media effects theories) which can also be used to interpret and inform newspaper research. These include the knowledge gap theory, which was first proposed in 1970 by Tichenor, Donohue and Olien, who stated that “knowledge, like other kinds of wealth, is not distributed equally throughout our society” (Severin & Tankard, 1988: 285). Knowledge gaps are “particularly likely to occur in such areas of general interest as public affairs and science news” (1988: 287).

The knowledge gap theory is defined by McQuail as a theory which refers to “structured differences in information levels between groups in society” (2005: 559):

The original promise of mass communication was that it would help to close the gaps between the “information rich” and the “information poor” ... newspapers have been better at closing gaps than television.

While the knowledge gap theory and numerous other appropriate theories could certainly be applied to repeat studies, the audience response aspect falls outside the scope of this study and will therefore not be included in the research or the interpretation thereof.



### 3.7. Theoretical predictions

In the light of the various levels and types of theoretical approaches, including the administrative paradigm, functionalist approach and the positivist (empirical) research tradition, as well as the models of gatekeeping, agenda-setting and framing, and the associated concepts of newsworthiness and news values, it is possible to extrapolate a number of predictions regarding a deeper qualitative understanding of the quantitative results of this study of the coverage of science news in Cape Town's daily and weekend newspapers.

The quantitative research results will be set out in Chapter 5, while the focus in Chapter 6 will turn to the newsroom environment for an interpretative qualitative analysis of the results.

This analysis will be informed and contextualised in part by the following predictions provided through this chapter's examination of the theoretical background (as well as the study's four hypotheses and the predictions derived from the literature review):

- The personal beliefs and scientific knowledge of journalists determine which potential stories are used and which are discarded at the initial stage;
- The personal beliefs and scientific knowledge of editors determine which stories are used and where they are placed;
- The personal beliefs and scientific knowledge of sub-editors (as well as space constraints) determine how stories are cut and framed;
- The pressure exerted by the general newsroom rules (both spoken and unspoken), influential advertisers, the media company's board and the newspaper's code of conduct translates into journalistic self-censorship; and
- The fact that news content is said to follow a predictable pattern and that "different organisations behave in a similar way when confronted by the same events and under equivalent conditions" (McQuail, 2005: 309-310) would seem to predict that Cape Town's three daily and three weekend newspapers, being based in the same city and having the opportunity to cover the same news, should cover science news in a fairly homogenous manner.

The broad predictions listed above will be tested against the reality of the findings. Of particular interest is the fifth prediction, which states that newspapers operating under similar conditions should cover news in a similar way.

This is in direct contrast to this study's problem statement, which says that Cape Town's newspapers cover science very differently. As described in Chapter 5, there is a wealth of factual evidence to support this statement.

Since all the newspapers are in the same city and the events are the same, the only possible variables are the different newsroom environments and the different journalists.

Indeed, this study will argue that the journalists themselves are the predominant determining factors within the newsroom environment which lead to science being covered very differently by the six newspapers.

Accordingly, the qualitative analysis of this study will focus specifically on the journalists themselves and their specific interactions with the other gatekeeping factors, rather than on all possible influences.

The reason for this is that this study is primarily an exploratory one – a quantitative comparative content analysis of science content in six Cape Town newspapers. Thus, the qualitative analysis forms a small part of the research and is included for the purpose of serving as an interpretation of the quantitative results rather than as an end in itself.

A repeat study could be conducted where the qualitative research is the primary focus, and this would shed light on wider factors and influences than those examined within the confines of this study.

Such a repeat study would need to move beyond the newsroom and its gatekeepers and take into account the numerous influences and structures throughout wider society which determine news coverage, including the different economic levels of the newspapers' readers and the different language and cultural groups within the various readerships.

It could also examine the assertion that the final news product that makes it through all the gates and challenges posed by various agendas and news value decisions (and emerges in a specific frame) is what determines how the public come to understand scientific debates.

### **3.8. Conclusion**

This chapter explored the merits and limitations of the gatekeeping model (and related concepts such as agenda-setting and newsworthiness) within the context of broader media theory, and argued that it is the best possible model available for answering the questions posed by the study's problem statement and thesis, and thus for analysing the role that journalists play in determining what science news is published in their newspapers.

## 4. Methodological approach

The methodological approach to the research was chosen in light of the questions raised by the study's problem statement ("science news is covered very differently by the six newspapers") and its thesis ("the coverage is different because of who and what the science writers are"), as well as the selection of the gatekeeping model as the theoretical framework for the study.

The thesis, theory and method are not independent of each other, but work together to knit the research design into a logical and sound argument for which the research findings provide the factual evidence and interpretative analysis.

This chapter will discuss the methods which were used in this study, namely the quantitative research method of content analysis and the qualitative research methods of surveys and in-depth interviews (field research), as well as the reasons for using each method and the limitations constraining them. It is a lengthy chapter because it is essential to define and delineate all the relevant concepts and to explain all the processes and reasoning behind the methodology if the thesis is to be as reliable as possible and therefore easily able to be replicated by any other researcher at any time.

### 4.1. Introduction

Communication research is a "circular process", with the theory guiding the research (which is conducted using certain methodologies) and the research guiding the theory (Lemon, 1997: 30). Thus, the theory, methods and findings are all closely linked and any study should take this interplay into consideration.

It is therefore crucial to choose and use the most appropriate and relevant research methods (while bearing in mind the predictions and guidance offered by the theory) if one is to obtain the most accurate and best possible findings. Research methods need to be feasible and able to provide adequate information (Marshall & Rossman, 1995: 99).

Three research methods were used in this study in accordance with the principle of triangulation, which is described by Lemon (1997: 33) as "the inclusion of multiple sources of data collection" in order to yield valid results and to compensate for each method's inherent limitations and weaknesses.

Quantitative research is "largely empirical or experimental", is based on "the measurement of quantity or amount" (Lemon, 1997: 32) and "proposes to test hypotheses" (Jensen, 2002b: 262), while qualitative research is "analytic and interpretative" and rests on the belief that "there is no one objective 'reality' which can be observed and neutrally quantified" (Lemon, 1997: 33).

Quantitative research tests theories and tends to be deductive in its reasoning, while qualitative research builds theories and is usually inductive (De Beer, Tomaselli, Burger & Grobler, 2004: 382). Quantitative research deals with known variables and is not constrained by context, while qualitative research deals with unknown variables and is bound by context (2004: 382). The purpose of quantitative research is to

measure objective facts, whereas the aim of qualitative research is to construct social reality (2004: 382).

The aims of research in general include exploration (initial rough understandings which lead to new research questions), description (precise measurement) and explanation (discovering relationships between various aspects) (Lemon, 1997: 32). Exploratory studies are used when there is little previous research and the aim is to gather new data (De Beer et al, 2004: 383).

This study is not only explorative and descriptive (and thus uses quantitative research), but also explanatory (and therefore employs qualitative research methods). The research findings chapter (Chapter 5) will deal with the explorative and descriptive results (the “what”), while the research interpretation chapter (Chapter 6) will deal with the explanatory results (the “why”).

Using qualitative research methods is a valuable way to bring understanding and significance to factual findings which emerge from quantitative research. Raw data does not have a meaning, but “the interpretive act brings meaning to those data” (Marshall & Rossman, 1995: 113). According to Van Vuuren, Maree & De Beer (1998: 415):

The qualitative researcher in the field of mass communication is concerned with *verstehen* (understanding) of the communicator and his communication actions as opposed to the positivistic quantification of human behaviour.

Qualitative research is seldom able to generate generalisations, but rather provides “an account of a setting or population that is illuminating as an extreme case or ideal type” (Maxwell, 1996: 97). However, “there is no reason *not* to believe that the results apply more generally” (1996: 97).

In summary, a combination of quantitative and qualitative methods were chosen to be used in this study in order to examine and explore the same problem from different angles and thereby increase the validity and reliability of the findings. The methods employed have varying merits and limitations, and thus they have been combined in order to cancel out weaknesses in the data collection and interpretation process. Using both quantitative and qualitative methods yields more and better data (as well as the opportunity for more insightful interpretation) than if only quantitative or only qualitative methods were to be used.

The reasons for the choices of the specific methods within the broad fields of quantitative and qualitative research methodology are explained later in this chapter.

## **4.2. Problem statement and thesis**

All research aims to answer questions, solve problems, or discover or revise facts or theories (Lemon, 1997: 32). This study aims to do all three.

As outlined in the Chapter 1, the primary research problem rests on the fact that no detailed research about overall science coverage in Cape Town newspapers had been conducted before. Thus, it was the goal of this study to obtain statistical evidence for its problem statement, namely that science news is

covered very differently by the six newspapers monitored during June and July 2007.

This study therefore aims primarily to provide a comprehensive (exploratory) picture of the state of science journalism at these newspapers. This principal research problem is approached through the use of the quantitative method of content analysis. The goal is not only to shed light on the science reporting genre in Cape Town newspapers, but also to provide a wealth of new, useful data which can act as a springboard for further research. The bulk of the research was dedicated to this aim and, accordingly, the research findings (as presented in Chapter 5) represent this focus proportionately.

The secondary aim of this study is to address its thesis, namely that the individual science writers' education, knowledge, interests, beliefs about science, attitudes towards their reporting and interactions with editors within the newspaper structures influence the coverage of science news in their newspapers. The goal is to focus on the interpretation of the content analysis results and to consider why the coverage differs from newspaper to newspaper. Employing the gatekeeping theory, it asks how each specialist science writer influences the specific and unique science coverage in their own newspaper.

This secondary research question (covered in less detail than the primary research question) was first addressed through the use of survey questionnaires in order to provide a foundation of information, and then through field research (in-depth interviews), which built on and complemented the information gleaned from the surveys. The research interpretation chapter (Chapter 6) combines the information from the two qualitative research methods and treats it as a single entity.

Guided and contextualised by the predictions suggested by the theoretical framework of the gatekeeping model, as well as incorporating the predictions arising from the local and international literature reviews, four main research hypotheses flow from the study's problem statement ("science news is covered very differently by the six newspapers") and thesis ("the different coverage is determined by various factors relating to the journalists"). These hypotheses, as outlined below, will be tested against the findings obtained by using the appropriate methodology:

- How specialist science reporters define and delineate the concept of science has a significant bearing on the amount and range of science news in their newspapers;
- Specialist science reporters do not cover all science topics equally; they cover areas of personal interest and / or areas where they are knowledgeable and / or areas which they believe to be of importance;
- Newspapers with specialist science reporters contain more science news and also a wider range of science news than newspapers without specialist science reporters; and
- Specialist science reporters who have editors who believe in the importance of science coverage will generate more science news and also a wider range of science news than specialist science reporters who do not have editors who believe in the importance of science coverage.

### **4.3. The method of content analysis**

This section aims to provide an overview of the first (and primary) research method employed in this study, namely the quantitative method of content analysis. Its specific application to this study will be addressed later in this chapter, after which the qualitative methods of surveys and in-depth interviews will be outlined.

Content analysis has been interpreted differently by various researchers and theorists. It was originally developed as “a systematic method of coding and measuring media content” in order to “study the messages of print and visual media” (Campbell, Martin & Fabos, 2007: 525). The message “is reduced to a set of categories representative of the research problem, in order to discover the meanings contained in these messages” (Wigston, 1997: 152).

The method of content analysis “identifies, categorises, describes and quantifies short-term and long-term trends” (Watson & Hill, 2003: 64):

Content analysis serves an important function by comparing the same material as presented in different media within a nation, or between different nations; or by comparing media content with some explicit set of standards or abstract categories.

Wigston (1997: 152) notes that content analyses should be systematic (following precise rules and procedures), objective (precisely defined so that other researchers can duplicate the studies), and quantitative (yielding precise and accurate numerical results).

If a content analysis is to be valid, then it must achieve what it aims to do. In order for this to happen, all categories and concepts must be clearly defined in order to create boundaries, coding schemes must be exhaustive (all units should fit into a category) and mutually exclusive (each unit should fit into only one category), and the sample must reflect the research problem (Wigston, 1997: 165).

#### **4.3.1. Content analysis – strengths and weaknesses**

While not suitable for uncovering underlying meanings, content analysis is useful for “certain purposes of classifying output, looking for effects and making comparisons between media and over time or between content and ‘reality’” (McQuail, 2005: 551). It is also useful for research which involves a large amount of text (Mouton, 2005: 166):

The analysis of texts and documents is an unobtrusive (non-reactive) method, which means that errors associated with the interaction between researchers and subjects (such as observation effects) are avoided.

Other advantages are that content analysis is flexible, allows for the inclusion of context, is cost effective and combines well with other methods to form part of a triangulation (Wigston, 1997: 166).

As with all methods, content analysis has a number of weaknesses and limitations. McQuail (1995: 216) believes that the findings of content analysis studies are not necessarily reliable or accurate:

The pattern revealed by content analysis is only an aggregated version of the result of many individual decisions, rather than a clear indication of what journalists and editors really think about relevance.

Mouton (2005: 166) notes that errors can occur where more than one person codes the information and places it into categories. This potential problem did not arise in this study due to the fact that a single researcher was responsible for all the data collection, coding and analysis.

A related limitation of the content analysis method is that it almost has to be put into practice before its categories have been defined. According to McQuail (2005: 363-364):

The usual practice of constructing a category system before applying it involves the risk of an investigator imposing a meaning system rather than discovering it in the content. Even when care is taken to avoid this, any such category system must be selective and potentially distorting.

Another weakness of content analysis is that it is “ineffective in testing causal relationships between variables” and therefore no such relationships should be implied when interpreting content analysis data (Wigston, 1997: 166). In addition, content analysis cannot provide any information about the readers or general society (Wigston, 1997: 166).

Content analysis is often combined with other research methods in order to overcome its limitations and “to analyse and interpret the figures produced by content counts” (Campbell et al., 2007: 525).

Notwithstanding the weaknesses of content analysis, it was chosen as the most appropriate method for the quantitative research component of this study, primarily because it works well with a large amount of data, is unobtrusive, flexible and combines easily with other methods.

The content analysis process for this study is outlined below. It is an exhaustive description of the decisions made, the reasons for these decisions, possible limitations and the solutions to these limitations. A large amount of detail is provided in order to ensure that the study can easily be replicated by another researcher, who would be able apply the same criteria and reasoning over a different time period. This approach also ensures the reliability and validity of the study and its findings.

#### **4.3.2. Content analysis – delimiting the field of study**

The first stage in the content analysis process was to identify which newspapers were to be studied. Six newspapers were chosen for this study – all three of Cape Town’s regional daily newspapers (the *Cape Argus*, the *Cape Times* and *Die Burger*) and all three of the city’s regional weekend papers (the *Saturday*

*Argus*, the *Sunday Argus* and the Saturday edition of *Die Burger*).

Four of the newspapers (the *Cape Argus*, the *Cape Times*, the *Saturday Argus* and the *Sunday Argus*) are written in English and belong to the Independent Newspapers Group and two (*Die Burger* and the Saturday edition of *Die Burger*) are published in Afrikaans and form part of Media24. Five are morning newspapers; the *Cape Argus* is the only afternoon newspaper.

Articles from the four newspapers in the Independent Newspapers stable are also published on the [www.iol.co.za](http://www.iol.co.za) website and articles from the two newspapers in the Media24 group are posted on [www.news24.com](http://www.news24.com); however, this study focuses exclusively on the print versions of the newspapers.

This study concentrated solely on Cape Town newspapers for three reasons:

- Firstly, the complete science content of Cape Town newspapers had never been extensively analysed before and therefore a large knowledge gap existed;
- Secondly, comparing newspapers that share similar geographic readerships makes for a more accurate study; and
- Finally (and practically), Cape Town newspapers are readily available for a Cape Town researcher, whereas newspapers from other major cities would have been more difficult to obtain. In addition, it would have been more challenging to meet with journalists from other cities.

The newspapers that were excluded from the study were Cape Town's tabloids, the *Daily Voice* and the English and Afrikaans versions of *Die Son* (which do not aim to provide factually accurate scientific coverage), national newspapers (such as the *Sunday Times* and *Business Day*) which are not read exclusively in Cape Town or the greater Western Cape, and the city's weekly community newspapers, which have restricted distribution areas.

All the selected newspapers cover the Cape Town metropole and the Western Cape region. *Die Burger* and the Saturday edition of *Die Burger* also have Eastern Cape versions (*Die Burger Oos-Kaap*), but only the Western Cape readership information is examined in this chapter.

According to the AMPS 2006 survey information in the 2007 South Africa & SADC Media Facts booklet in Tony Koenderman's Ad Review in *Finweek*, just over three million adults (aged 16 and over) live in the Western Cape, of whom just over two million live in Cape Town and surrounds (Koenderman, 2007: 11).

Among the daily newspapers (in the Western Cape only), *Die Burger* has the highest readership, followed by the *Cape Argus* and the *Cape Times*. For the Cape Town metro, the *Cape Argus* has the highest readership, followed by the *Cape Times* and *Die Burger*. Among the weekend newspapers (in the Western Cape only), the Saturday edition of *Die Burger* has a higher readership than the *Weekend Argus* (combined readership of the *Saturday Argus* and *Sunday Argus*). However, for the Cape Town metro, the



*Weekend Argus* readership is higher than that of the Saturday edition of *Die Burger*.

Many trends are common to all six newspapers. For example, there are more male readers than female readers and there are more coloured readers than any other race group. However, the major difference is in how many readers live in the Cape Town metro – ranging from 93% for the *Cape Argus* to only 44% for the Saturday edition of *Die Burger*.

### **The *Cape Argus***

The official *Cape Argus* fact sheet (2007) provides details about the newspaper's readership:

- Circulation is 73 691 (ABC figures for April to June 2007);
- Readership is 342 000 (AMPS 2007), of whom 93% (317 000) live in the Cape Town metro;
- 44% of readers are in LSM 9 and 10 and 33% are in LSM 7 and 8;
- 57% are English, 27% Afrikaans, 15% Xhosa and 1% other;
- 56% are coloured, 24% white, 17% black and 3% Indian; and
- 59% are male and 41% female.

### **The *Cape Times***

The official *Cape Times* fact sheet (2007) provides details about the newspaper's readership:

- Circulation is 51 428 (ABC figures for April to June 2007);
- Readership is 280 000 (AMPS 2007), of whom 89% (250 000) live in the Cape Town metro;
- 45% of readers are in LSM 9 and 10 and 29% are in LSM 7 and 8;
- 56% are English, 25% are Afrikaans, 17% Xhosa and 2% other;
- 43% are coloured, 34% white, 21% black and 2% Indian; and
- 61% are male and 39% female.

### ***Die Burger***

The official *Die Burger* fact sheet (2007) provides details about the newspaper's readership:

- Total circulation is 90 927, of whom 72 367 are in the Western Cape (ABC figures for April to June 2007);

- Total readership is 463 943, including 368 221 in the Western Cape (AMPS 2007), of whom 46% (170 539) live in the Cape Town metro;
- 52% of Western Cape readers are in LSM 9 and 10 and 25% are in LSM 7 and 8;
- 89% of Western Cape readers are Afrikaans and 11% English;
- 55% of Western Cape readers are coloured and 45% white; and
- 56% of Western Cape readers are male and 44% female.

### **The *Weekend Argus* (*Saturday Argus* and *Sunday Argus*)**

The *Saturday Argus* and *Sunday Argus* statistics are combined to form statistics for the *Weekend Argus*. The official *Weekend Argus* fact sheet (2007) provides details about the newspaper's readership:

- Combined circulation is 108 024 (ABC figures for April to June 2007);
- Combined readership is 469 000, of whom 85% (398 000) live in the Cape Town metro;
- 46% of readers are in LSM 9 and 10 and 31% are in LSM 7 and 8;
- 57% are English, 28% Afrikaans and 16% Xhosa [The total figure of 101% may be due to people indicating more than one home language];
- 49% are coloured, 32% white, 17% black and 2% Indian; and
- 54% are male and 46% female.

### **The Saturday edition of *Die Burger***

The official fact sheet for the Saturday edition of *Die Burger* (2007) provides details about the newspaper's readership:

- Total circulation is 107 277, of whom 89 702 are in the Western Cape and 17 575 in the Eastern Cape (ABC figures for April to June 2007);
- Total readership is 654 309, including 539 205 in the Western Cape (AMPS 2007), of whom 44% (235 965) live in the Cape Town metro;
- 45% of Western Cape readers are in LSM 9 and 10 and 26% are in LSM 7 and 8;
- 84% of Western Cape readers are Afrikaans, 14% English and 2% Xhosa;

- 55% of Western Cape readers are coloured, 43% white and 2% black; and
- 55% of Western Cape readers are male and 45% female.

### **4.3.3. Content analysis – delimiting the time period**

Once the six newspapers had been chosen, it was decided to monitor them during the two-month time period from 1 June 2007 to 31 July 2007.

This meant that 43 copies each of the *Cape Argus*, the *Cape Times* and *Die Burger*, and nine copies each of the *Saturday Argus*, *Sunday Argus* and the Saturday edition of *Die Burger* were analysed – 156 newspapers in total. By the end of the two-month period, the data collection process had yielded 3 116 articles about science.

The timing of the study played a significant role in determining the number of articles in each category. For example, the winter storms resulted in a large number of meteorology stories during this period.

Local, national and international events which occurred within this time period also had an influence on the news coverage, although this differed from newspaper to newspaper. For example, the G8 Conference in Germany in June moved the world's focus onto topics like climate change and HIV/Aids in Africa. The local spotlight turned to nuclear energy in July, when South Africa's National Nuclear Regulator hosted the International Atomic Energy Agency workshop in Cape Town. In late July, the focus moved to medicine and health as reports came through of the deaths of babies at the Frere Hospital in East London, set against the political background of conflict within the country's health department.

Numerous other factors, including preplanned conferences and unplanned news events, influenced and framed the nature and amount of coverage given to specific topics during this time period. Ideally, a repeat study should monitor the science coverage in these newspapers for at least a year in order to account for short-term vagaries and fluctuations in coverage.

### **4.3.4. Content analysis – outlining the process**

In total, 156 newspapers and 3116 individual items of science news were examined, which translated into a substantial amount of data and thus a reliable indication of the state of science reporting in these newspapers.

The content analysis process encompassed data collection, data capturing, coding, calculating statistics and interpretation. Each newspaper was read from cover to cover and all the science items (categorised as articles, columns, editorial comments, letters, photographs and cartoons) were identified, cut out, filed chronologically and according to newspaper, and placed in plastic sleeves in ring-bound files.

Details about the news items were entered into spreadsheets (see Appendices B to G), and the information from these spreadsheets was used to compile a data summary sheet (see Appendix A),

which formed the foundation of the research findings, as presented in Chapter 5. (The spreadsheets and data summary sheet are included as appendices for two reasons: firstly, to provide quantitative evidence for this study, and secondly, to provide information which could be of help to future researchers.)

The data in the summary sheet was then used in conjunction with information obtained directly from the newspapers' specialist science writers through the surveys and in-depth interviews in order to interpret the state of science news coverage in Cape Town newspapers, as presented in Chapter 6.

Although the content analysis process was predominantly quantitative in approach and form, it nevertheless incorporated a number of qualitative aspects as well.

#### **4.3.5. Content analysis – delimiting the categories**

Six identical Excel spreadsheets (one for each newspaper) were designed for the input of data. The spreadsheets contained the following 11 columns for manifest coding (the count of the physical items):

- name of newspaper;
- date of publication;
- page on which the item appeared;
- whether the item was a front page lead or not;
- the headline of the item;
- whether the item was an article, column, editorial comment, letter, photograph or cartoon;
- whether the author was a journalist, photographer, cartoonist, member of the public, or scientist or other specialist;
- the name of the journalist, photographer, cartoonist, member of the public, or scientist or other specialist;
- whether the item was supplied by the newspaper or a news agency;
- the country (or if South Africa, then the province) featured in the item; and
- the length of the article in lines.

The spreadsheets also contained three columns for latent coding (subjective interpretation of the data's underlying meaning):

- the science category to which the item belonged;

- the science sub-category to which the item belonged; and
- whether the item explained the science or not.

#### 4.3.6. Content analysis – coding challenges

Inserting data into the manifest coding section was generally straightforward and the large number of variables meant that a considerable amount of data could be extrapolated from the spreadsheets. There were only two potential problem areas which could have distorted the figures.

Firstly, the page numbers section (in other words, the placing of items on certain pages according to their perceived importance) could lead to inaccurate interpretations. The reason for this is that each newspaper has a different number of pages (with the *Cape Argus* having the most pages of the daily newspapers and the *Cape Times* the fewest). Thus, for example, an article on page 8 of the *Cape Times* would be found near the back of the news section, whereas an article on page 8 of the *Cape Argus* would be near the middle or the front of the newspaper.

The weekend newspapers also generally have far more pages than the daily newspapers. In addition, the number of pages of each individual newspaper varies from day to day and depends on the amount of advertising included. Thus, the results from this section should be read and understood with all these factors in mind.

Because of this problem, an additional column was included for listing whether an item was a front page lead article or not. Across all the newspapers, irrespective of their number of pages, placing an article as a front page lead is an undeniable indication that it is perceived to be a matter of great importance.

The second potential problem had to do with counting the number of lines in each item in order to indicate the size of the article and thus also its perceived importance as a news item. Because each newspaper has a slightly different column width (with the *Cape Times* generally having the narrowest columns of the dailies – around 4.5cm – and *Die Burger* having the widest columns – around 5cm), this could lead to distorted information about the amount of space assigned to each item.

This problem could have been averted by measuring the size of the article in square centimetres. However, it is difficult to visually compare articles of, say, 5cm<sup>2</sup> or 8cm<sup>2</sup>, whereas articles that are, for instance, 20 lines or 30 lines long are far easier to visualise. The desire for clarity thus prevailed.

In addition, each individual newspaper also varies the width of its columns according to the nature of the items and even according to the adverts around which the text must be wrapped. Hard news stories generally have thinner columns, while features and letters tend to have wider columns. The weekend newspapers, in particular, make use of relatively wide columns.

This problem has been approached from two perspectives. One is the more philosophical stance that, despite the possible misrepresentations of the sizes of the items, the important thing is that the same

measurement tool has been used for all the newspapers, and therefore that everything will be evened out by each newspaper having some items that are narrower than the norm and some that are wider than the norm.

The second approach, which is a more practical and scientifically accurate solution and aims to make this aspect of the study more reliable, is the decision to compare the daily newspapers only with each other and the weekend newspapers only with each other. This eliminates at least some of the discrepancies between column widths.

#### **4.3.7. Content analysis – primary categorisation challenges**

Reliable research findings that emerge from the process of content analysis depend to a great extent on the formulation of latent coding categories that are not only clearly defined, but are also an accurate reflection of reality.

Thus, in order to assign each newspaper article to a specific scientific category during the content analysis stage of the research process, it was necessary at the outset to create a list of science categories and sub-categories. This task was guided by the manner in which scientific dictionaries delineate the various fields of scientific study and also by how universities structure their science departments.

Over the monitoring period of two months, the process itself (in other words, the quantitative analysis of the newspaper articles) led to a complete reworking and re-ordering of the list. After all, it is of no use to a researcher to have a list of categories which fits neatly into the milieu of scientific study as defined by a university or a scientific dictionary, if this list has no resemblance to the coverage of science news in the world of the newspaper. As the list slowly evolved, it became necessary to revisit newspaper articles that had earlier been assigned to categories that had changed or no longer existed.

Once all the articles had been analysed, it was again necessary to return to the beginning and reconsider the categorisation of each one. This was not only to ensure accurate classification according to the revised categories, but also to guarantee that all judgement calls were fair and applied equally to all the newspapers.

Regarding the categorisation, it is important to note that, in some cases, the scientific word which indicates the field of knowledge (such as astronomy or geology) is used and, in other cases, words such as “animals”, “plants” or “water” are used instead of “zoology”, “botany” and “hydrology”.

The first reason for this decision was that articles about topics such as animals, plants and water, while still scientific, tend not to be technical, whereas articles about topics such as astronomy and geology are, by their very nature, more technical and necessarily inclined towards the dissemination of new knowledge. The second reason was the wish to make all the categories clear and unambiguous within the contexts of newspapers, society and science.

In addition, newspaper-based reality (such as the hospital strike and the Frere Hospital exposé during this period) was used to inform the categorisation, but without losing sight of where specific sciences fit into the corpus of knowledge and bearing in mind that over-compensation could skew the results in favour of a certain discipline of science or in favour of a certain newspaper.

Balancing this tightrope between scientific accuracy and newspaper reality was no easy task and it is anticipated that both scientists and journalists may well take issue with the list. In its defence, it must be stated that the list is the result of much study, thought and cross-referencing, and that the categorisation has been carefully delineated and applied to all the newspapers across the board.

It should also be noted that there is no ideal standard of what percentage of science news in a newspaper should be dedicated to a specific category. The categories exist purely for explanatory purposes, and not for prescriptive reasons. Thus, when reading the results of the content analysis in Chapter 5, it should be remembered that the percentage coverage of these science categories and sub-categories is listed in order to facilitate comparison between the newspapers, and not in order to judge their performance against an ideal. The coverage of the different categories should therefore be examined relative to the other newspapers in the study.

It is also hoped that this information will be useful for journalists and editors who would like factual evidence of what categories they currently cover (as the perception of what is covered is often different to the reality of what is covered), in order that they may change their focus if they deem this necessary.

The list, then, ultimately came to comprise the following six categories and their sub-categories:

Science category	Science sub-category
<b>Physical Sciences</b>	Astronomy
	Chemistry
	Energy (electricity, nuclear, oil and gas, and renewable)
	Mathematics
	Physics
<b>Earth Sciences</b>	Climate change
	Geology (including seismology)
	Meteorology (including broad weather articles)
	Palaeontology and archaeology
	Water (oceans, dams, rivers, lakes)
<b>Life Sciences</b>	Agriculture
	Animals (birds, farm animals, marine creatures, pets and wildlife)
	Environment and pollution

	Evolution
	Genetics
	Plants
<b>Medicine and Health</b>	Aids
	Diseases and treatment
	Food and product safety
	Healthcare administration (Frere Hospital, malpractice and other)
	Hospital strike
	Mental health
	Nutrition
	Other
	Smoking
<b>Technology</b>	Computers
	Internet and email
	Other
	Telecommunication
<b>Science and Beliefs</b>	Pseudoscience and superstition
	Science and religion

It is crucial to reiterate the premium placed on accurate categorisation. This approach meant that each article had to be carefully dissected and one main topic identified. This was not always straightforward, as the following examples will indicate.

The categorisation sometimes changed as the stories developed. For example, an earthquake in Japan started off as an earth sciences (geology) story because it was primarily about the seismic forces involved. It later became a physical sciences (energy) story because the earthquake caused damage to a nuclear power plant.

Also, what seemed superficially to be the same story ended up being categorised in three different ways for three different newspapers, according to what was emphasised. For example, a story about a fierce Cape Town storm was an earth sciences (meteorology) story in the *Cape Times* because of its content about the weather patterns, whereas it was an earth sciences (water) story in *Die Burger* because of its focus on the water levels in dams, and a medicine and health (diseases and treatment) story in the *Cape Argus* because of fears that stagnant water would cause ill health.

For some stories, it was difficult to choose which angle was dominant, because there were valid



arguments for both sides. For example, a story about a nuclear power plant possibly being built in an ecologically sensitive area could have been placed in either the physical sciences (energy) or life sciences (environment and pollution) categories. This problem was addressed by ensuring that where judgement calls were necessary, they were applied equally to all the newspapers across the board in order to provide an accurate and fair reflection of the coverage.

While it was not ideal to have included sub-categories entitled “other” in the technology category and the medicine and health category, it was unavoidable due to the large number of very diverse types of news in these broad fields of science.

Having delineated the categories of science news that were included in this study, it is now necessary to state clearly which types of news were excluded from the study, even though they could potentially have contained science content (but generally did not).

Thus, besides all the types of news which are very obviously not science-related, the following general and specific types of news were also excluded unless they dealt explicitly with a science angle: sport; business; lifestyle; drug and alcohol abuse; doping in sport; services and infrastructure; travel; modes of transport such as aeroplanes, ships, trains, buses and cars; crime and other statistics; cycling; hiking; surfing; copper cable theft; muggings in national parks; ATM crime; farm security; computer games; cooking; wine tasting; and the Green Point Stadium development.

Although some of the types of news listed above may seem arbitrary and unrelated to science, the content analysis revealed that they were recurring themes which occasionally threatened to cross the boundary into the realms of technology, environment and medical news in particular.

In addition, it must be noted that the number of “non-science” articles in each newspaper was not counted and thus it is not possible to ascertain what percentage of the available space in each newspaper was dedicated to science, as has been done in a number of similar studies, predominantly overseas. This aspect could possibly form part of a future study.

#### **4.3.8. Content analysis – secondary categorisation challenges**

As the process of categorising the news items was meticulously followed, it became evident that the existing categories and sub-categories did not provide sufficient information about the types of science news covered in the newspapers.

Thus, another column (examining whether the science behind the story was explained or not) was added. For example, an article which clarified how the process of evolution is thought to work would be categorised as “science explained”, whereas a letter which describes why the writer is ethically opposed to evolution would be categorised as “science not explained”.

Once again, deciding whether the science was explained (or not) was not always easy, as many articles were borderline cases or straddled the line between scientific news on the one hand and political or

social news on the other. The defining rule of thumb which was applied to all the news items was the question of whether detailed scientific-related information was provided; in other words, whether the reader could learn something of a scientific nature by reading the item.

Other researchers may well have discarded the “science not explained” items at the outset. However, since this study takes a broad view of science, these items have been included in order to provide a full picture of science and science-related coverage in Cape Town newspapers, and also in order to be able to see what proportion of science articles actually explain the science.

This is necessary information because each article has the potential to include scientific explanations to a greater or lesser degree. The writer of the article (being the primary gatekeeper) is often the determining factor as to whether scientific detail is incorporated, and naturally specialist science writers favour this approach more than do general reporters, who lack scientific training and are often not interested in science.

The secondary gatekeepers (editors, news editors and sub-editors) have the power to remove or change the scientific details included by the science writer, whether because of space constraints or other reasons. These secondary gatekeepers are thus the ultimate determining factor in whether the science is explained or not.

Two caveats should be provided at this juncture. Firstly, judging whether the science is explained is essentially a subjective opinion, because everything is relative and there are varying degrees of explanations. Thus, a repeat study may well yield slightly different results in this regard.

Secondly, what this categorisation does not aim to do is to judge how well the science is explained or how accurate or good the news reporting is. The 31 sub-categories which are used to classify the science coverage are so diverse that it would have taken a team of scientists in all these specialist divisions to make correct and appropriate observations regarding the articles’ accuracy and quality. This information would, however, be extremely valuable and this approach could possibly be used in a future study involving a limited number of categories.

Despite the fact that the quality and accuracy of the science reporting is not assessed in this study, a number of errors were noted during the content analysis process, the most glaring of which was in an article (“Swartland stopped in tracks by flood”) in the *Cape Argus* on 8 June 2007, which stated that “Meiring, who also had a Khoi pond, said his fish were probably happily swimming about in the muddy water across his backyard.” It should be noted that this article was not written by one of the *Cape Argus*’s science writers.

However interesting (and sometimes entertaining) they may be, spelling mistakes like this one and other questionable scientific assertions were not included in the final versions of the data spreadsheets because this aspect falls outside the scope of this study. They would, however, form an interesting topic for future research.

#### 4.3.9. Content analysis – delimiting the content through exclusions

As already mentioned briefly at the end of section 4.3.6., careful decisions had to be made about the inclusion or exclusion of certain sections within the news pages. These decisions were applied to all the newspapers which were being monitored in order to ensure fairness.

The sports pages were completely excluded. Where, however, sports stories were used on main news pages, they were each evaluated separately and on merit. For example, articles about Paralympic athlete Oscar Pistorius's race results were excluded, whereas articles about his specially-designed prostheses were included.

Business and finance pages were also excluded. In addition, articles with an economic angle to what could fundamentally be seen as science stories were also excluded, even if they were on main news pages. For example, articles about where oil comes from were included, but articles about the world economy and the price of oil were excluded.

Full letters (where the name or pseudonym of the letter writer was provided) on the designated letters pages were included. However, short letters sent as sms messages from cellphones, and which did not provide the name of the sender, were not included.

All science-related editorial comments on the leader pages were included, whether written by local editors or republished as guest editorial comments from the leader pages of foreign newspapers.

Photographs were only included where they were "stand-alones" relating to a scientific topic. The number of lines of text in the captions was also counted. Where photographs accompanied an article, the photographs were not counted separately because the article was seen as being the primary conveyer of information. This system of classification could be debated, but for the purposes of this study, it was seen as being the fairest and most accurate way to measure the information.

Cartoons were only included if they were the main or secondary cartoon drawn specifically for the newspaper or a South African group of newspapers, and intended as a form of social, political or other commentary. Thus, Zapiro (*Cape Times*, sometimes re-used in the Saturday edition of *Die Burger*), Tony Grogan (*Cape Times*), Chip (*Cape Argus*), Mama Taxi – Deni Brown and Gavin Thomson (*Cape Argus* and *Saturday Argus*), Fred Mouton (*Die Burger*) and Brandon (*Saturday Argus*) were included. No lines of text were counted in cartoons and therefore the length was always listed as zero when coding the information.

Cartoons that were excluded from the analysis were international syndicated comic strips such as Garfield and Calvin & Hobbes. After much thought, Madam & Eve was also excluded because it belongs to the oeuvre of international syndicated cartoons (and is placed alongside them in the newspapers), despite the fact that it is a local comic strip and that a number of the cartoons published during the designated period dealt with the South African hospital strike.

#### 4.3.10. Content analysis – delimiting the content through inclusions

As far as columns were concerned, all those relating to science were included. All editions of the following columns were relevant:

- Inside Out (genetics) by Dr Wilmot James in the *Cape Times* (every second Thursday);
- Man Friday (environment) by Tony Weaver in the *Cape Times* (every Friday);
- Gardens by Alan Dawson in the *Cape Times* (every Tuesday);
- Health Watch by various writers in the *Cape Times* (every Tuesday for five weeks);
- Garden Patch by Hilary Mauve in the *Cape Argus* (last Wednesday of every month);
- On the Trail (environment) by Peter Slingsby in the *Cape Argus* (every Thursday);
- What's Up (astronomy) by Case Rijdsdijk in the *Saturday Argus* (every fourth Saturday);
- Your Health by Di Caelers in the *Saturday Argus* (every Saturday);
- GrassRoots by Kay Montgomery in the *Saturday Argus* (every Saturday);
- TechWatch by Alan Duggan in the *Sunday Argus* (first Sunday of every month);
- Your Health by Di Caelers in the *Sunday Argus* (every Sunday);
- Sterrekyk (Star Watch) by Auke Slotegraaf in *Die Burger* (first Tuesday of every month);
- Vra vir Ernst (Ask Ernst) (plants) by Ernst van Jaarsveld in *Die Burger* (every Tuesday);
- Voëlpraatjies (Talking about birds) by Prof Morné du Plessis in *Die Burger* (every fourth Tuesday);
- Wetenskap Vandag (Science Today) by various writers in the Saturday edition of *Die Burger* (every Saturday); and
- Waterslange (Water snakes) by Jean Lombard in the Saturday edition of *Die Burger* (every Saturday for three weeks).

The Wetenskap Vandag (Science Today) column, which is published in every Saturday edition of *Die Burger* and features the writings of guest scientists from various fields, is the only regular column dealing with pure science in all the Cape Town newspapers. Its contributors during the period monitored were Professor Hendrik Geyer (theoretical physics), Marinus Wijnbeek (genetics; nanotechnology), Dr Jurie van den Heever (palaeontology), Leon Retief (psychology; narcotics) and Mari Hudson (nutrition).

The series of five lengthy Health Watch columns in the *Cape Times* were written by specialist Capetonian medical scientists and published over a period of five weeks from Tuesday 5 June 2007 to Tuesday 3 July 2007. The writers and topics covered were Dr Patrick Commerford (cardiology), Dr Mpiko Ntsekhe and Dr Bongani Mayosi (rheumatic heart disease), Dr Elizabeth Murray and Dr Eugenio Panieri (breast cancer), Dr Asgar Kalla (knee and hip replacements) and Dr Lee Wallis (emergency care).

*Die Burger's* regular page 2 corrections column, *Dit is die feite* (These are the facts), is published whenever mistakes are reported to *Die Burger* and the Saturday edition of *Die Burger*. This short column occasionally includes information about mistakes relating to science or mathematics.

A number of other regular columns within the newspaper pages were also relevant from time to time. These included George Claassen's Ombudsman column, which is published every Friday in *Die Burger* and sometimes deals with science matters.

Finally, it is necessary to consider the role of newspaper supplements. They have a considerable bearing on the number and range of science articles and thus it is crucial to place on record that almost all the articles and columns from the following supplements (excluding their paid-for commercial feature sections) have been included in the content analysis:

- *Techno Times* (technology) supplement in the *Cape Times* (every Tuesday);
- *Landbou* (Agriculture) supplement in *Die Burger* (every second Friday);
- *Gesondheid* (Health) supplement in *Die Burger* (last Wednesday of every month);
- *Buite* (Outdoors) supplement in *Die Burger* (every Tuesday);
- *By* (Addition) supplement in the Saturday edition of *Die Burger* (every Saturday);
- *Reis* (Travel) supplement in the Saturday edition of *Die Burger* (last Saturday of every month);
- Travel supplement in the *Saturday Argus* (every Saturday); and
- Travel supplement in the *Sunday Argus* (every Sunday). Note that the same supplement appears in both newspapers.

In particular, the *Techno Times* supplement in the *Cape Times* and the *Landbou* (Agriculture) supplement in *Die Burger* have a substantial impact on the number of technology and agriculture stories published in these newspapers.

The role of the *Die Burger's Landbou* (Agriculture) supplement and its editor, Leon Louw, will be discussed in detail in Chapters 5 and 6, as will the *Cape Times' Techno Times* supplement, which is edited by Mike Stent, who does not write any articles himself, but only uses material from new agencies.

It should also be noted that articles from the travel supplements were only included if they had a science (predominantly environmental) focus.

The following supplements were also monitored, but relevant articles were found only from time to time:

- Career Times supplement in the *Cape Times* (every Monday);
- Times Life supplement in the *Cape Times* (every Tuesday);
- Top of the Times supplement in the *Cape Times* (every Friday);
- Classified section in the *Cape Times* (every day);
- Jobshop supplement in the *Cape Argus* (every Wednesday);
- Tonight and Classified supplement in the *Cape Argus* (every day);
- Classified supplement in *Die Burger* (every day);
- Jip (Jong Intelligente Persone) (Yip – Young Intelligent People) supplement in *Die Burger* (every Monday);
- Leefstyl (Lifestyle) supplement in *Die Burger* (every Wednesday);
- Naweek-Joernaal supplement in *Die Burger* (every Friday);
- The Good Weekend supplement (including the Jellybean Journal) in the *Saturday Argus* (every Saturday);
- Classified supplement in the *Saturday Argus* (every Saturday);
- The Good Weekend supplement in the *Sunday Argus* (every Sunday);
- Classified supplement in the *Sunday Argus* (every Sunday); and
- Classified supplement in the Saturday edition of *Die Burger* (every Saturday).

Supplements that were not included in this study were those to do with property, motoring, business, finance and home improvement. Supplements to aid Grade 12 pupils in preparing for their final examinations were also not included, even where the information pertained to subjects such as science, biology and mathematics. The reason for this is that these supplements appeared in newspapers across the country and were not specific to Cape Town newspapers. Thus, there was no element of journalistic news selection involved in their inclusion in the newspapers. For similar reasons, wall chart supplements about alcohol and drug abuse were not included either.

Finally, while weather features and horoscopes have not been included in this content analysis of science news in Cape Town newspapers, it must be mentioned that both these types of features appeared in every edition of all the newspapers during the two-month period in which they were monitored, except for the *Sunday Argus*, which contains a weather feature, but no horoscope. At this point, it should be noted that in all cases, the weather features were larger than the horoscopes.

The primary reason for their exclusion from this study is that they were not written specifically for the newspapers, but were supplied to a number of different publications by the South African Weather Bureau and the various astrologers. The secondary reason is that their inclusion would have swayed the statistics unfairly in favour of meteorology and pseudoscience. Conversely, it can be argued that their inclusion would in fact have provided for a more accurate reflection of science coverage in these newspapers. Once again, this decision can be defended by the fact that it was applied consistently and fairly to all the newspapers.

In addition, these two types of features provide an excellent comparison between science and pseudoscience. While the weather columns in all the newspapers listed the same measurements for temperatures, rainfall, dam levels and so on, the horoscopes from different newspapers provided vastly differing information and advice on any given day.

#### **4.3.11. Content analysis – ethical considerations**

All the information used for the content analysis was already printed and thus in the public domain, and therefore there were no ethical restrictions regarding its use.

The only ethical concern was the attribution of articles and other news items to their correct authors or other sources. In this regard, it must be noted that, in order to simplify the information, articles that were listed in the newspaper as being written by one or more of the newspaper's journalists, as well as a news agency, were attributed to the newspaper's journalists as the first author(s). Once again, this approach was applied consistently to all the newspapers. It must also be noted that where more than one journalist from a newspaper was listed by name in the byline, then all these names were included in the database.

### **4.4. The method of survey research**

Having dealt exhaustively with content analysis, which formed the bulk of the research, both in terms of time and the volume of data, it is now necessary to examine another type of methodology used in this study, namely survey research.

The purpose of survey research is to collect information about people's "abilities, opinions, attitudes, beliefs and/or their knowledge" (Du Plooy, 1997b: 127) and to describe and explore, rather than to ask "why".

The strengths of surveys include their "accuracy, generalisability and convenience" (Marshall & Rossman,

1995: 97). Questionnaires are also useful for gathering large amounts of data, but interviews are more useful for investigating an issue in greater depth (Watson & Hill, 2003: 239). This is the reason surveys are often used in conjunction with in-depth interviews: The surveys first establish the basic information and the in-depth interviews then bring a more complex and interpretative element to the study.

#### **4.4.1. Survey research – the process**

It was decided to use the survey method in this study because of its suitability for collecting basic, accurate, detailed information which could also raise new questions to be addressed in the in-depth interviews. This particular survey was a cross-sectional survey done over a short period of time, as opposed to a longitudinal survey, which collects information at different times over a long period of time, during which a number of changes inevitably occur.

An important issue in survey research is the use of samples (the people who are chosen to be interviewed). In the case of this study, however, eight of the nine specialist science writers from the six Cape Town newspapers were surveyed (and interviewed) and thus there was no need to choose a smaller sample from a larger group. The reason for the exclusion of the ninth specialist science writer will be explained later in this section.

A survey questionnaire (see Appendix H) was sent via e-mail to eight of the nine specialist science writers. Responses were received via e-mail from all eight journalists. The details they provided were not only included in the qualitative research findings, but also formed the background information for the later in-depth interviews (which will be discussed in the next section of this chapter).

The eight specialist science writers to whom the survey questionnaire was sent were:

- Melanie Gosling (environment writer for the *Cape Times*);
- Di Caelers (health writer for the *Cape Argus*, *Saturday Argus* and *Sunday Argus*);
- John Yeld (science and environment writer for the *Cape Argus*, *Saturday Argus* and *Sunday Argus*);
- Elsabé Brits (science writer for *Die Burger* and the Saturday edition of *Die Burger*);
- Jorisna Bonthuys (environment writer for *Die Burger* and the Saturday edition of *Die Burger*);
- Diana-Marié Strydom (health writer for *Die Burger* and the Saturday edition of *Die Burger*);
- Leon Louw (editor of *Landbou*, the agriculture supplement published every second Friday in *Die Burger*); and
- Eugene Gunning (agriculture writer for *Die Burger* and the Saturday edition of *Die Burger*).



The only science writer who was not included in the survey research (or the in-depth interviews) was George Claassen, a senior deputy editor and ombudsman at *Die Burger*. Although the information about his *Dit is die feite* and *Ombudsman* columns, as well as the Saturday edition of *Die Burger's Wetenskap Vandag* (Science Today) column, which he started in 2001 and still edits, are included in the quantitative research findings chapter (Chapter 5), Claassen has not been included in the qualitative research interpretation chapter (Chapter 6) for two reasons.

Firstly, because Claassen is part of *Die Burger's* senior editorial team, it would be unfair to compare him with all the other science writers, who are journalists and not editors. Even Leon Louw, although he is the editor of the *Landbou* (Agriculture) supplement, does not hold an overall editorial position at *Die Burger*. Including Claassen would have distorted the gatekeeping findings, since this aspect of the study was focused primarily on the role of the journalists and less so on the role of the editors. Secondly, interviewing Claassen would have entailed a conflict of interests, as he is the supervisor of this study.

Nevertheless, it is appropriate to note that Claassen was responsible for setting up *Die Burger's* science desk, which is unique in South Africa and now numbers six specialist writers if one includes Claassen – two reporting about science, one about the environment, one about health, and two about agriculture. This is in comparison to the *Cape Argus's* two science writers and the *Cape Times's* single science writer, who is currently on sabbatical for a year.

Although Claassen is no longer a full time science writer, he still mentors and guides the other journalists on *Die Burger's* science desk. It was he who introduced the science and technology module when he was the head of the University of Stellenbosch's postgraduate Department of Journalism in the late 1990s. He is still a Professor Extraordinaire at the university and teaches honours and masters students part-time.

#### **4.4.2. Survey research – weaknesses**

Surveys have a number of potential weaknesses, with one of the most prevalent being the fact that they “are only as good as the wording of their questions” (Campbell et al, 2007: 525). Questions can be incorrectly interpreted, either because of the way they are phrased or because of how they are read by the people being surveyed. However, constructing an “unambiguous, unbiased and productive questionnaire” is not easy, and neither is the “impartial analysis of the responses collected” (Watson & Hill, 2003: 239).

Bearing in mind this possible weakness, the survey used in this study attempted to provide a mixture of open-ended and closed-ended questions, including multiple-choice and inventory questions. Some questions were extremely precise, while others were purposefully more vague so that the journalists could bring their own interpretations to bear on the answers, rather than being guided to a predicted answer by a narrow question. Questions were also grouped logically according to topics such as journalism education, science categories and the challenges faced by science writers. Where the answers received were unclear or seemed to have a number of meanings, they were also discussed in

more detail at the in-depth interviews.

Other weaknesses of surveys are that “researchers rely totally on the honesty and accuracy of participants’ responses” and that “surveys cannot assure without further evidence that the sample represents the broader universe” (Marshall & Rossman, 1995: 96-97).

The first weakness mentioned may have come into play had the journalists who were surveyed not wished to reveal information about their work situations in order to protect their jobs and newsroom harmony. This, however, is difficult to detect or measure. The second concern was not relevant, as this study did not aim to generalise or transfer the findings to other newspapers or the media in general; it merely wished to describe and analyse a fixed set of newspapers (and journalists) as defined in the study.

Finally, while surveys are “of little value for examining complex social relationships or intricate patterns of interaction” (Marshall & Rossman, 1995: 96-97) and cannot account for all possible variables or show “cause-effect relationships”, they can, however, “reveal *correlations* – or associations – between two variables” (Campbell et al, 2007: 524). Accordingly, the combined information gleaned from the surveys and in-depth interviews will examine some of these correlations in the research interpretations chapter (Chapter 6).

#### **4.4.3. Survey research – ethical considerations**

Du Plooy (1997b: 148) asserts that “we must ensure that both the identity and the responses of every respondent remain confidential”. However, the eight specialist science writers who filled in the surveys and took part in the in-depth interviews in this study have been clearly identified by name and linked to opinions where appropriate. In all instances, permission to use their names was sought and granted.

The motivation for identifying the journalists is twofold. Firstly, because there are so few science writers at the newspapers (and therefore in this field research setting), the reporters’ identities could in any event be deduced quite easily. For example, there is only one science writer at the *Cape Times* (Melanie Gosling), and so if one refers to a *Cape Times* science writer, then one is obviously referring to Gosling.

Secondly, the very aim of this survey in particular and the qualitative research in general is to provide context, meaning and interpretation to the data-heavy content analysis part of the process. Therefore, simply providing further general statistics (such as, 50% of science journalists at these newspapers studied mathematics at school) would not serve to shed any light on the thesis of this study (namely, that certain information pertaining specifically to the individual science writers determines why and how science news is covered differently in the different newspapers).

Thus, it is appropriate for the data-grounded comparisons between the newspapers to be substantiated by the particular journalists’ own statements and opinions. For this to occur and for the information to be valid and reliable, it was necessary to clearly identify the journalists in most cases.

Ethics naturally comes into play when such an approach is taken. Accordingly, all the journalists were asked if they would consent to having their names and opinions published, and all agreed. This does, however, imply that they may have withheld certain information that they would probably have provided had it been an anonymous survey of hundreds of journalists across the country.

Finally, it is essential to mention that the researcher was sensitive to the need to maximise privacy and minimise harm, and so names were only linked to information or comments where necessary, and not simply in every case.

## **4.5. The method of field research (in-depth interviews)**

Field research aims at uncovering participants' perspectives and "allows us to get close to the people being studied and to understand the world as they see it" (Pitout, 1997: 105). It assumes that behaviour has a purpose and expresses "deeper beliefs and values" and that people are able to "describe, experience and structure their own world" (1997: 105).

The general goal of interviews is that of "gaining more information from and understanding of other people, through a planned process of questions and answers" (Watson & Hill, 2003: 145). In-depth interviews provide not only copious amounts of data, but also yield accurate results on sensitive issues (Pitout, 1997: 112-114):

In-depth interviews can provide detailed background about the reasons why participants give specific answers; allow for observations of participants' nonverbal behaviour; and can provide extensive data concerning participants' opinions, recollections, values, motivations and feelings ... The rapport between the interviewer and participant makes it easier to approach topics that might be taboo when using other research methods.

### **4.5.1. Field research (in-depth interviews) – the process**

The field research method of in-depth interviews was used in this study because it was the best possible way of obtaining substantial amounts of detailed information in a relaxed setting. It enabled the researcher to probe deeper into the answers to the questionnaire and to explore other issues not covered in the questionnaire. It also enabled the writers to meet the researcher and most appeared more comfortable chatting in person than answering an email survey, particularly where the researcher and the journalists had not previously met. Thus the in-depth interviews yielded large amounts of high quality information which provided the backbone of the qualitative interpretation of the quantitative research.

In-depth interviews (which form part of field research within the qualitative research genre) were held with six of the eight abovementioned journalists at their respective newsrooms in the Cape Town city centre, namely Newspaper House in St George's Mall and the Media24 Building on the Foreshore. Each interview was between 30 minutes and one hour long and all the answers were transcribed.

The seventh journalist was Melanie Gosling, environment writer for the *Cape Times*, who had gone on sabbatical in August 2007 to spend a year as a Nieman Fellow at Harvard University in the United States of America, in order to study the global economy, its role in developing countries and its effect on the environment and human development. The interview with Gosling therefore had to be conducted by email alone. The eighth journalist was Leon Louw, editor of the *Landbou* (Agriculture) supplement in *Die Burger*, whose interview was conducted telephonically.

#### **4.5.2. Field research (in-depth interviews) – weaknesses**

A weakness of the in-depth interview method is the fact that those being interviewed are not always happy about “sharing all that the interviewer hopes to explore, or they may be unaware of recurring patterns in their lives” (Marshall & Rossman, 1995: 81). Not only do participants sometimes choose to withhold information or provide inaccurate information, the data that they provide is sometimes difficult to analyse (Pitout, 1997: 114).

A further limitation of in-depth interviews is that they are often conducted with a non-random sample, thereby making generalisation difficult (Pitout, 1997: 114). However, this limitation is neutralised in this study by the fact that there were only nine specialist science writers at the newspapers, of whom eight were interviewed. Thus, there was no need to generalise or make assumptions about large groups of writers who were excluded from the interviews.

#### **4.5.3. Field research (in-depth interviews) – ethical considerations**

All the journalists who were approached were happy to be interviewed. A concern, however, was that the journalists, knowing that the research findings would be published and that they had agreed to be identified, may possibly have held back certain information regarding conditions and situations at their own newspapers.

It must also be declared at this point that this researcher was employed by Independent Newspapers from 2000 to 2005, as a journalist at Cape Community Newspapers. Thus, she knew the *Cape Times* and *Cape Argus* science writers on a superficial level at that time. She also met *Die Burger*’s Elsabé Brits at a science journalism conference they attended in Port Elizabeth in 2006. However, she had not met any of the other journalists before she interviewed them for the purpose of this study.

### **4.6. Conclusion**

This chapter discussed the methods used in this study, namely the quantitative research method of content analysis and the qualitative research methods of surveys and in-depth interviews (field research), as well as the reasons for using each method and the limitations constraining them. It also defined and delineated all the relevant concepts and methodological processes in order to make the study as reliable, valid and replicable as possible.

## 5. Quantitative research findings

This chapter will outline the key findings from the quantitative research, namely the content analysis of science coverage in six Cape Town newspapers, including three dailies and three weekend papers, from 1 June 2007 to 31 July 2007.

A total of 3 116 items (articles, columns, editorial comment, letters, stand-alone photographs and cartoons) from 156 newspapers were analysed. This comprised 43 copies each of the *Cape Argus*, the *Cape Times* and *Die Burger*, and nine copies each of the *Saturday Argus*, *Sunday Argus* and the Saturday edition of *Die Burger*.

It should be noted that there are six specialist science writers at *Die Burger* and the Saturday edition of *Die Burger* (two for science, two for agriculture, one for environment and one for health). In contrast, there are two specialist science writers at the *Cape Argus*, *Saturday Argus* and *Sunday Argus* (one environment and science, and one for health) and only one at the *Cape Times* (environment).

Where the words “news”, “items” or “coverage” are used in this chapter, they are intended to refer to articles, columns, editorial comment, letters, stand-alone photographs and cartoons. However, where the word “editorial” is used, this refers only to articles, columns and editorial comments. It should also be noted that, throughout this study, the word “science” refers broadly to all the six categories (physical sciences, earth sciences, life sciences, medicine and health, technology, and science and beliefs) and sub-categories which were defined and delineated in the methodology chapter (Chapter 4). Thus, whenever the word “science” is used, the reader should understand it to mean and encompass “pure” science, the environment, health and technology.

In addition, wherever it is stated that, for instance, a newspaper covers the most science news about life sciences, or that a writer explains the science in 75% of their articles, then this should always be interpreted to mean (and be valid for) the time period between 1 June 2007 and 31 July 2007, even where this is not explicitly stated. Thus, no statements are intended as broad generalisations; rather, they are restricted by the time period and should be understood as such throughout all the chapters.

This chapter aims to provide statistical evidence for the study’s problem statement, which declares that science news is covered very differently by the six newspapers studied. As the outcome of a comprehensive exploratory study, this chapter also aims to provide solid factual material which can be used as a foundation for further research.

The information revealed in this chapter will inform (and be informed by) the qualitative research findings in Chapter 6, which complements this chapter and directly addresses the thesis of this study, namely that the individual science writers’ education, knowledge, interests, beliefs about science, attitudes towards their reporting and interactions with editors within the newspaper structures influence the coverage of science news in their newspapers.

Thus, science news cannot be seen as an objective external truth which is able to be discovered and then covered by any journalist who is placed in the role of science writer. Rather, science news is shaped by the subjective yet subconscious gatekeeping influences of the individual science writers, and therefore the concept of science news has different connotations in all the six newspapers examined in this study.

However, before one is able to delve deeper into the reasons *why* the coverage is different, one first needs to take a bird's eye view of *what* is covered and *how*. This chapter will now address a number of questions regarding science coverage in the six Cape Town newspapers studied. The provision of statistics to answer these questions will, in turn, raise further questions which will require additional interpretation. These questions will be addressed in Chapter 6.

Meanwhile, the statistics contained in this chapter merely describe the coverage for the months of June and July 2007 and do not try to generalise about the coverage in the same newspapers during any other months (although one could argue that the same patterns would be more than likely to emerge), nor do they try to apply the findings to any other similar newspapers in any other cities in South Africa or the rest of the world.

The figures for the daily and weekend newspapers are addressed separately in this chapter so that the statistics are not distorted by comparing a daily newspaper that is published 21 times a month with a weekend newspaper that is published only four times a month.

It is necessary to mention at this juncture that the Excel spreadsheets, which were used to capture the data, are able to yield far more detailed information than is outlined below.

For the sake of brevity and clarity, only the main findings are presented here, but it should be borne in mind that it is possible to draw statistics from the existing data which delve into other aspects not touched on in this chapter, or aspects which form combinations of the information detailed here.

## 5.1. Key findings

This chapter will contextualise and expand on the following key findings:

### 5.1.1. Daily newspapers

- **Total items:** The *Cape Times* contains the most science items (articles, columns, editorial comments, letters, cartoons and stand-alone photographs), followed by *Die Burger* and the *Cape Argus*.
- **Editorial amounts:** The *Cape Times* contains the most science editorial (articles, columns and editorial comments), followed by *Die Burger* and the *Cape Argus*. The *Cape Times* contains the most science articles, followed by *Die Burger* and the *Cape Argus*. *Die Burger* contains the most science columns and science editorial comments, followed by the *Cape Times* and the *Cape Argus*.

- **Editorial length:** The *Cape Times* contains the greatest number of lines of editorial (articles, columns and editorial comments), followed by *Die Burger* and the *Cape Argus*. *Die Burger* contains the longest average editorial pieces (articles, columns and editorial comments), followed by the *Cape Argus* and the *Cape Times*.
- **Editorial categories:** The science category most covered by editorial in the *Cape Argus* and *Die Burger* is life sciences. The science category most covered by editorial in the *Cape Times* is medicine and health. The *Cape Times* contains the most editorial (and the most lines of text) about physical sciences, earth sciences, medicine and health, and technology. *Die Burger* contains the most editorial (and the most lines of text) about life sciences, and science and beliefs.
- **Science explained:** *Die Burger* contains the greatest percentage of editorial in which the science is explained, followed by the *Cape Times* and the *Cape Argus*.
- **Editorial by scientists:** *Die Burger* contains the greatest percentage of science editorial written by scientists, followed by the *Cape Times* and the *Cape Argus*.
- **News agencies:** The *Cape Times* contains the greatest percentage of science editorial from news agencies, followed by the *Cape Argus* and *Die Burger*.
- **South African editorial:** *Die Burger* contains the greatest percentage of science editorial about South Africa, followed by the *Cape Argus* and the *Cape Times*.
- **Placing of editorial:** The *Cape Times* contains the most lead stories about science, followed by *Die Burger* and the *Cape Argus*. The *Cape Times* contains the greatest percentage of science editorial on pages 1 to 10 of the newspaper, followed by the *Cape Argus* and *Die Burger*. *Die Burger* contains the greatest percentage of science editorial in supplements, followed by the *Cape Times* and the *Cape Argus*.
- **Letters:** The *Cape Times* contains the most science letters, followed by the *Cape Argus* and *Die Burger*. The *Cape Times* contains the most science letters from scientists, followed by the *Cape Argus* and *Die Burger*. The science category most covered by science letters in the *Cape Argus*, *Cape Times* and *Die Burger* is life sciences.
- **Photographs:** *Die Burger* contains the most science stand-alone photographs, followed by the *Cape Times* and the *Cape Argus*. The *Cape Times* contains the most science stand-alone photographs by its own photographers, followed by *Die Burger* and the *Cape Argus*. The science category most covered by science stand-alone photographs in the *Cape Argus*, *Cape Times* and *Die Burger* is life sciences.
- **Cartoons:** The *Cape Times* contains the most science cartoons, followed by the *Cape Argus* and



*Die Burger*. The science category most covered by science cartoons in the *Cape Argus*, *Cape Times* and *Die Burger* is life sciences.

### 5.1.2. Weekend newspapers

- **Total items:** The *Saturday Argus* contains the most science items (articles, columns, editorial comments, letters, cartoons and stand-alone photographs), followed by the Saturday edition of *Die Burger* and the *Sunday Argus*.
- **Editorial amounts:** The *Saturday Argus* contains the most science editorial (articles, columns and editorial comments), followed by the *Sunday Argus* and the Saturday edition of *Die Burger*. The *Saturday Argus* contains the most science articles, followed by the *Sunday Argus* and the Saturday edition of *Die Burger*. The Saturday edition of *Die Burger* contains the most science columns and science editorial comments, followed by the *Sunday Argus* and the *Saturday Argus*.
- **Editorial length:** The *Saturday Argus* contains the greatest number of lines of editorial (articles, columns and editorial comments), followed by the *Sunday Argus* and the Saturday edition of *Die Burger*. The *Saturday Argus* contains the longest average editorial pieces (articles, columns and editorial comments), followed by the *Sunday Argus* and the Saturday edition of *Die Burger*.
- **Editorial categories:** The science category most covered by editorial in the *Saturday Argus*, *Sunday Argus* and the Saturday edition of *Die Burger* is medicine and health. The *Saturday Argus* contains the most editorial (and the most lines of text) about life sciences and medicine and health. The *Sunday Argus* contains the most editorial (and the most lines of text) about technology. The Saturday edition of *Die Burger* contains the most editorial about physical sciences, earth sciences, and science and beliefs, and the most lines of text about science and beliefs, while the *Saturday Argus* contains the most lines of text about physical sciences and earth sciences.
- **Science explained:** The *Saturday Argus* contains the greatest percentage of editorial in which the science is explained, followed by the *Sunday Argus* and the Saturday edition of *Die Burger*.
- **Editorial by scientists:** The Saturday edition of *Die Burger* contains the greatest percentage of science editorial written by scientists, followed by the *Saturday Argus* and the *Sunday Argus*.
- **News agencies:** The *Saturday Argus* contains the greatest percentage of science editorial from news agencies, followed by the *Sunday Argus* and the Saturday edition of *Die Burger*.
- **South African editorial:** The Saturday edition of *Die Burger* contains the greatest percentage of science editorial about South Africa, followed by the *Saturday Argus* and the *Sunday Argus*.
- **Placing of editorial:** The Saturday edition of *Die Burger* contains the most lead stories about



science, followed jointly by the *Saturday Argus* and the *Sunday Argus*. The *Sunday Argus* contains the greatest percentage of science editorial on pages 1 to 10 of the newspaper, followed by the Saturday edition of *Die Burger* and the *Saturday Argus*. The Saturday edition of *Die Burger* contains the greatest percentage of science editorial in supplements, followed by the *Saturday Argus* and the *Sunday Argus*.

- **Letters:** The Saturday edition of *Die Burger* contains the most science letters, followed by the *Saturday Argus* and the *Sunday Argus*. The Saturday edition of *Die Burger* contains the most science letters from scientists, followed by the *Sunday Argus* and the *Saturday Argus*. The science category most covered by science letters in the *Saturday Argus* and *Sunday Argus* is life sciences. The science category most covered by science letters in the Saturday edition of *Die Burger* is science and beliefs.
- **Photographs:** The Saturday edition of *Die Burger* contains the most science stand-alone photographs, followed by the *Sunday Argus* and the *Saturday Argus*. The *Saturday Argus* contains the most science stand-alone photographs by its own photographers, followed by the *Sunday Argus* and the Saturday edition of *Die Burger*. The science category most covered by science stand-alone photographs in the *Saturday Argus*, *Sunday Argus* and the Saturday edition of *Die Burger* is life sciences.
- **Cartoons:** The *Saturday Argus* contains the most science cartoons, followed by the Saturday edition of *Die Burger*. The *Sunday Argus* contains no science cartoons. The science category most covered by the *Saturday Argus* cartoons is life sciences, medicine and health, and physical sciences equally. The science category most covered by science cartoons in the Saturday edition of *Die Burger* is earth sciences.

### 5.1.3. Specialist science writers

Of the nine specialist science writers at the six newspapers, six are from *Die Burger* and the Saturday edition of *Die Burger*, while two are from the *Cape Argus*, the *Saturday Argus* and the *Sunday Argus*, and one is from the *Cape Times*. John Yeld (*Cape Argus* – environment and science) wrote the most editorial, followed by Melanie Gosling (*Cape Times* – environment), Diana-Marié Strydom (*Die Burger* – health), Di Caelers (*Cape Argus* – health), Elsabé Brits (science – *Die Burger*), Jorisna Bonthuys (environment – *Die Burger*), Leon Louw (agriculture – *Die Burger*), Eugene Gunning (agriculture – *Die Burger*) and George Claassen (science – *Die Burger*).

The science category most covered by Melanie Gosling, John Yeld, Elsabé Brits, Jorisna Bonthuys, Eugene Gunning and Leon Louw is life sciences. The science category most covered by Di Caelers and Diana-Marié Strydom is medicine and health, while the science category most covered by George Claassen is physical sciences. This (and other) information will be discussed in more detail in section 5.13 of this chapter.

## 5.2. Overview of the science coverage

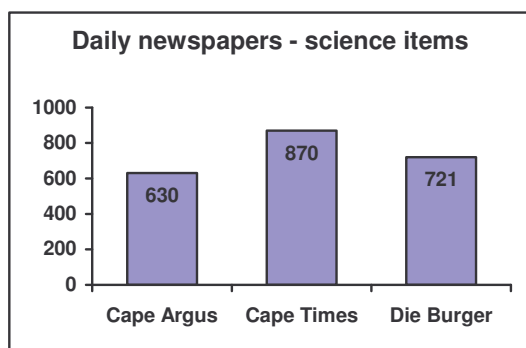
This section will provide an overview of the 3 116 science news items from the six newspapers. The items have been divided into six categories – articles, columns, editorial comments, letters, cartoons and stand-alone photographs. The letters, cartoons and stand-alone photographs will be covered in separate sections, while the editorial news (articles, columns and editorial comments) will be dealt with as a combined unit and will be examined from a number of different perspectives.

### 5.2.1. Overview of the science coverage: Observations – daily newspapers

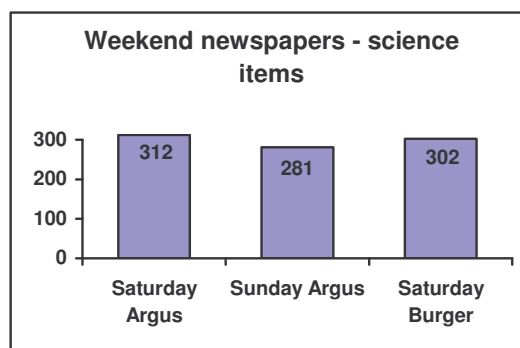
The *Cape Argus* contains 630 items, including 550 editorial items (493 articles, 46 columns and 11 editorial comments), 55 letters, 14 cartoons and 11 stand-alone photographs.

The *Cape Times* contains 870 items, including 757 editorial items (692 articles, 49 columns and 16 editorial comments), 69 letters, 15 cartoons and 29 stand-alone photographs.

*Die Burger* contains 721 items, including 622 editorial items (511 articles, 91 columns and 20 editorial comments), 46 letters, 3 cartoons and 50 stand-alone photographs.



**Figure 1:** Total number of science items (articles, columns, editorial comments, letters, cartoons and stand-alone photographs) in Cape Town's daily newspapers between 1 June 2007 and 31 July 2007.



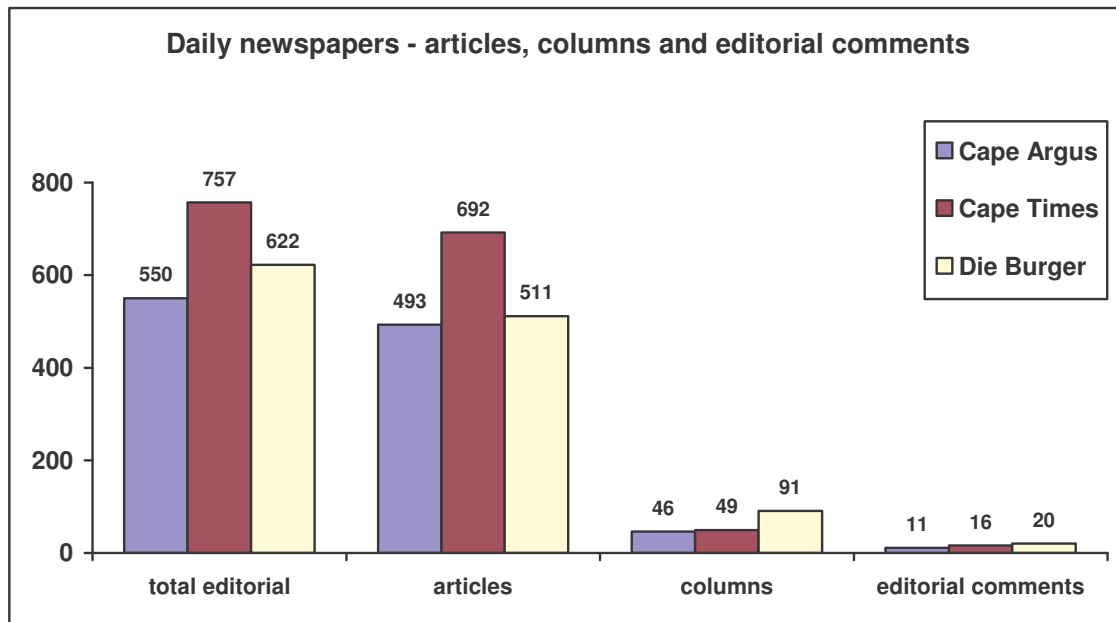
**Figure 2:** Total number of science items (articles, columns, editorial comments, letters, cartoons and stand-alone photographs) in Cape Town's weekend newspapers between 1 June 2007 and 31 July 2007.

### 5.2.2. Overview of the science coverage: Observations – weekend newspapers

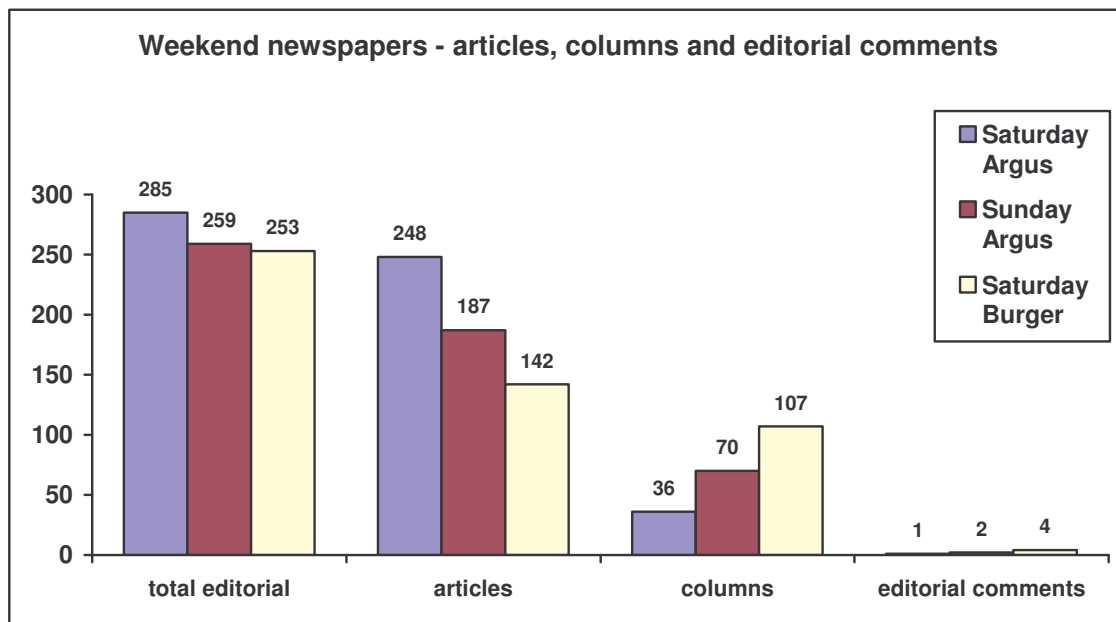
The *Saturday Argus* contains 312 items, including 285 editorial items (248 articles, 36 columns and 1 editorial comment), 14 letters, 3 cartoons and 10 stand-alone photographs.

The *Sunday Argus* contains 281 items, including 259 editorial items (187 articles, 70 columns and 2 editorial comments), 8 letters, 0 cartoons and 14 stand-alone photographs.

The Saturday edition of *Die Burger* contains 302 items, including 253 editorial items (142 articles, 107 columns and 4 editorial comments), 31 letters, 2 cartoons and 16 stand-alone photographs.



**Figure 3:** Total numbers of total editorial, articles, columns and editorial comments in Cape Town's daily newspapers between 1 June 2007 and 31 July 2007.



**Figure 4:** Total numbers of total editorial, articles, columns and editorial comments in Cape Town's weekend newspapers between 1 June 2007 and 31 July 2007.

### 5.2.3. Overview of the science coverage: Trends

The main points observed from this section are that, of the daily newspapers, the *Cape Times* contains the most science news, editorial items, articles, letters and cartoons, while *Die Burger* contains the most columns, editorial comments and stand-alone photographs. It was not expected that the *Cape Times* would have the most science news, since it has only one science writer, whereas *Die Burger* has six specialist science writers.

Of the weekend newspapers, the *Saturday Argus* contains the most science news, editorial items, articles and cartoons, while the Saturday edition of *Die Burger* contains the most columns, editorial comments, letters and stand-alone photographs. It was also a surprise to find that the *Saturday Argus* has the most science news, since it has no dedicated science writers (although it does run health columns written by Di Caelers of the *Cape Argus*), whereas the Saturday edition of *Die Burger* has the same six science writers who write for the weekday editions of *Die Burger*.

What also stands out from this brief overview is the vastly different use of columns in the newspapers. Of the daily newspapers, *Die Burger* contains the most science columns, both in terms of numbers (91) and as a percentage of the total science editorial (15%), while the *Cape Times* contains the fewest science columns (49, or 6% of the total editorial).

Of the weekend newspapers, the Saturday edition of *Die Burger* also contains the most science columns, both in terms of numbers (107) and as a percentage of the total science editorial (42%), while the *Saturday Argus* contains the fewest science columns (36, or 13% of the editorial).

## 5.3. Amount and types of science news

This section will examine the amount of science editorial (articles, columns and editorial comments) in each newspaper, both in terms of the number of items and the length of these items (the number of lines).

### 5.3.1. Amount and types of science news: Observations – daily newspapers

The *Cape Argus* contains 550 editorial items about science (articles, columns and editorial comments), of which 68 are about physical sciences (12%), 89 about earth sciences (16%), 175 about life sciences (32%), 177 about medicine and health (32%), 39 about technology (7%) and 2 about science and beliefs (less than 1%).

In terms of the total length of the science editorial, the *Cape Argus* contains 39 184 lines of text about science, including 4 302 about physical sciences (11%), 5 971 about earth sciences (15%), 13 338 about life sciences (34%), 12 904 about medicine and health (33%), 2 582 about technology (7%) and 87 about science and beliefs (less than half a %).

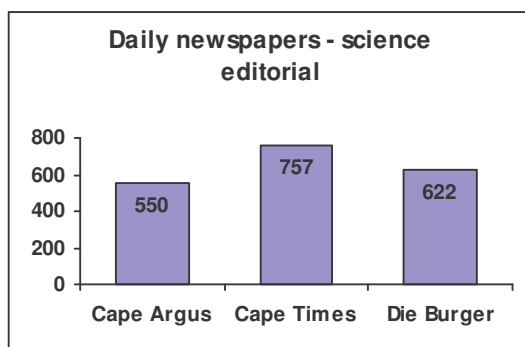
The *Cape Times* contains 757 editorial items, of which 89 are about physical sciences (12%), 134 about

earth sciences (18%), 185 about life sciences (24%), 212 about medicine and health (28%), 128 about technology (17%) and 9 about science and beliefs (1%).

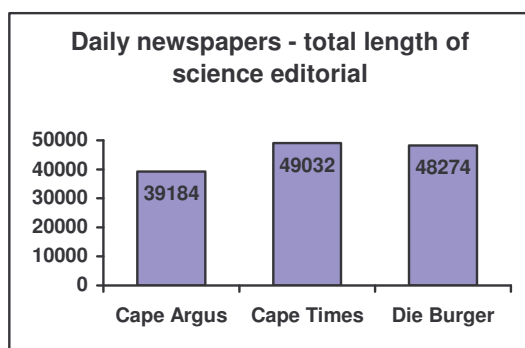
In terms of the total length of the science editorial, the *Cape Times* contains 49 032 lines of text about science, including 4 923 about physical sciences (10%), 8 052 about earth sciences (16%), 12 213 about life sciences (25%), 15 532 about medicine and health (32%), 7 645 about technology (16%) and 667 about science and beliefs (1%).

*Die Burger* contains 622 editorial items, of which 46 are about physical sciences (7%), 84 about earth sciences (14%), 274 about life sciences (44%), 166 about medicine and health (27%), 33 about technology (5%) and 19 about science and beliefs (3%).

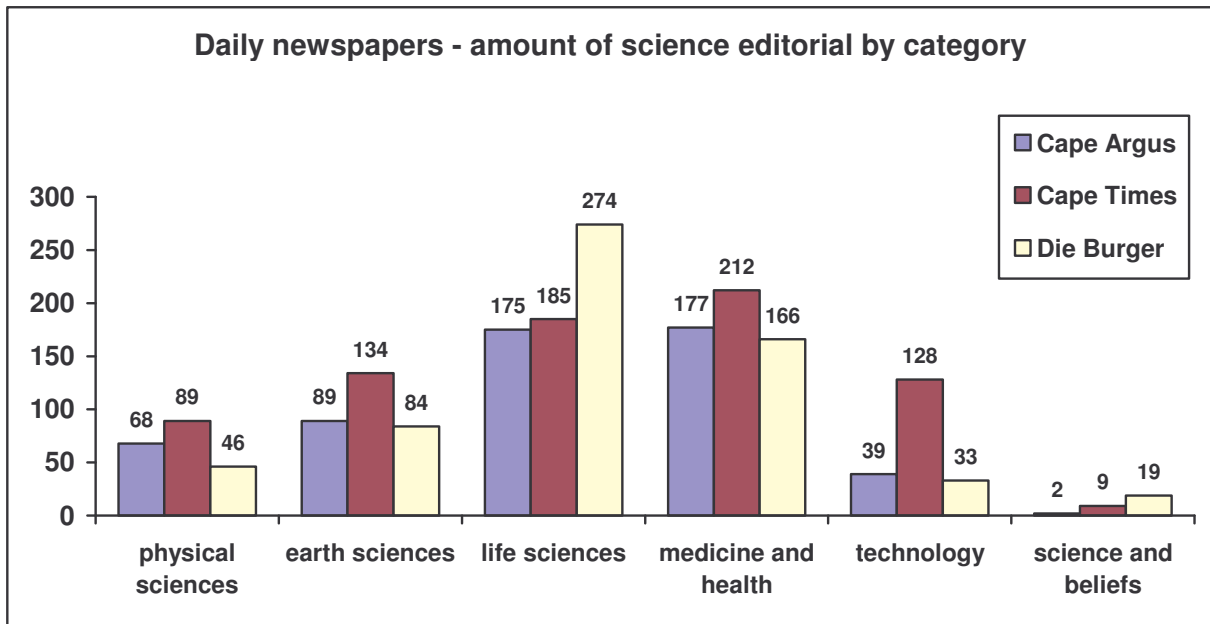
In terms of the total length of the science editorial, *Die Burger* contains 48 274 lines of text about science, including 2 780 about physical sciences (6%), 6 151 about earth sciences (13%), 23 083 about life sciences (48%), 12 683 about medicine and health (26%), 2 452 about technology (5%) and 1 125 about science and beliefs (2%).



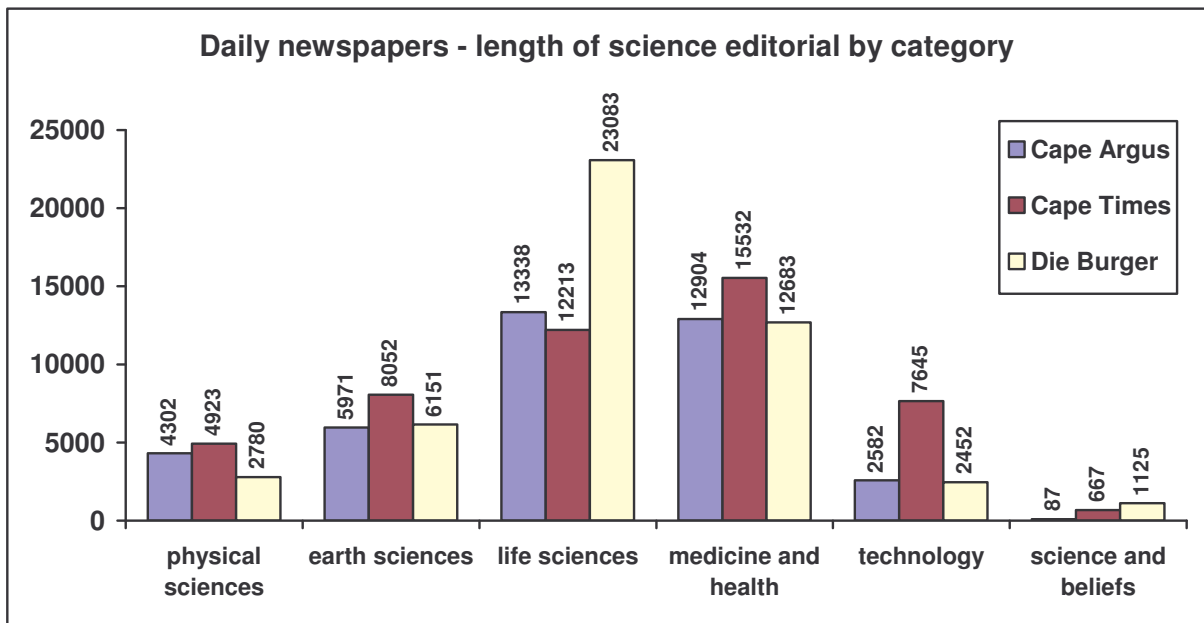
**Figure 5:** Total number of science editorial items (articles, columns and editorial comments) in Cape Town's daily newspapers between 1 June 2007 and 31 July 2007.



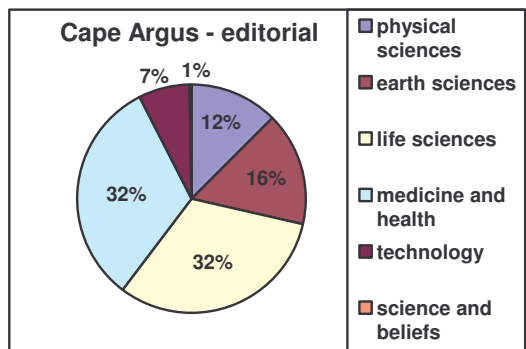
**Figure 6:** Total length in lines of science editorial items (articles, columns and editorial comments) in Cape Town's daily newspapers between 1 June 2007 and 31 July 2007.



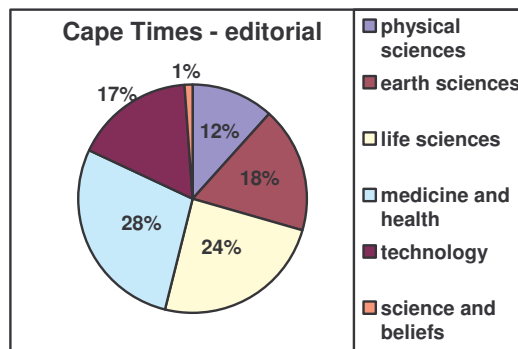
**Figure 7:** Number of science editorial items (articles, columns and editorial comments) according to category in Cape Town's daily newspapers between 1 June 2007 and 31 July 2007.



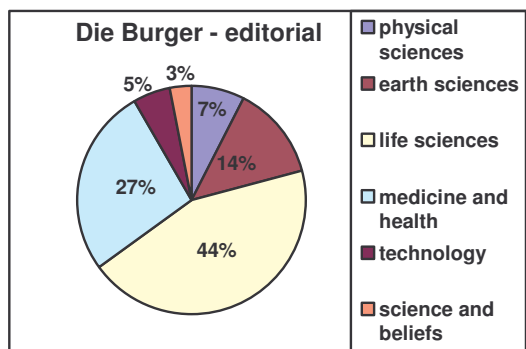
**Figure 8:** Total length in lines of science editorial items (articles, columns and editorial comments) according to category in Cape Town's daily newspapers between 1 June 2007 and 31 July 2007.



**Figure 9:** Percentage of science categories covered in science editorial items (articles, columns and editorial comments) in the *Cape Argus* between 1 June 2007 and 31 July 2007.



**Figure 10:** Percentage of science categories covered in science editorial items (articles, columns and editorial comments) in the *Cape Times* between 1 June 2007 and 31 July 2007.



**Figure 11:** Percentage of science categories covered in science editorial items (articles, columns and editorial comments) in the *Die Burger* between 1 June 2007 and 31 July 2007.

### 5.3.2. Amount and types of science news: Observations – weekend newspapers

The *Saturday Argus* contains 285 editorial items, of which 25 are about physical sciences (9%), 35 about earth sciences (12%), 97 about life sciences (34%), 104 about medicine and health (37%), 18 about technology (6%) and 6 about science and beliefs (2%).

In terms of the total length of the science editorial, the *Saturday Argus* contains 24 175 lines of text about science, including 1 840 about physical sciences (7%), 3 125 about earth sciences (13%), 8 848 about life sciences (37%), 8 074 about medicine and health (33%), 1 386 about technology (6%) and 902 about science and beliefs (4%).

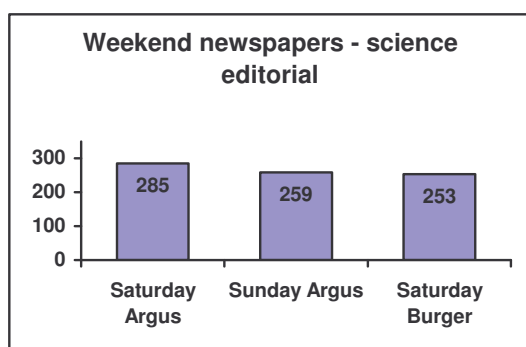
The *Sunday Argus* contains 259 editorial items, of which 16 are about physical sciences (6%), 31 about earth sciences (12%), 84 about life sciences (32%), 90 about medicine and health (35%), 33 about

technology (13%) and 5 about science and beliefs (2%).

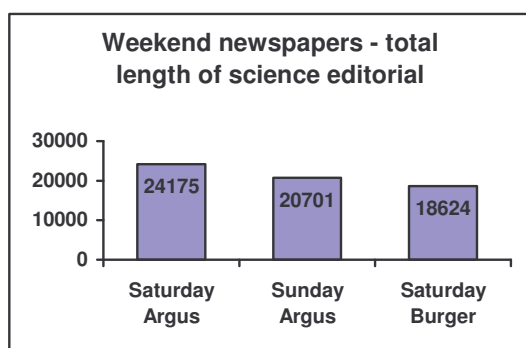
In terms of the total length of the science editorial, the *Sunday Argus* contains 20 701 lines of text about science, including 1 110 about physical sciences (5%), 2 507 about earth sciences (12%), 7 616 about life sciences (37%), 6 368 about medicine and health (31%), 2 498 about technology (12%) and 602 about science and beliefs (3%).

The Saturday edition of *Die Burger* contains 253 editorial items, of which 28 are about physical sciences (11%), 37 are about earth sciences (15%), 77 are about life sciences (30%), 85 are about medicine and health (34%), 15 are about technology (6%) and 11 about science and beliefs (4%).

In terms of the total length of the science editorial, the Saturday edition of *Die Burger* contains 18 624 lines of text about science, including 1 570 about physical sciences (8%), 2 597 about earth sciences (14%), 4 472 about life sciences (24%), 5 556 about medicine and health (30%), 2 268 about technology (12%) and 2 161 about science and beliefs (12%).

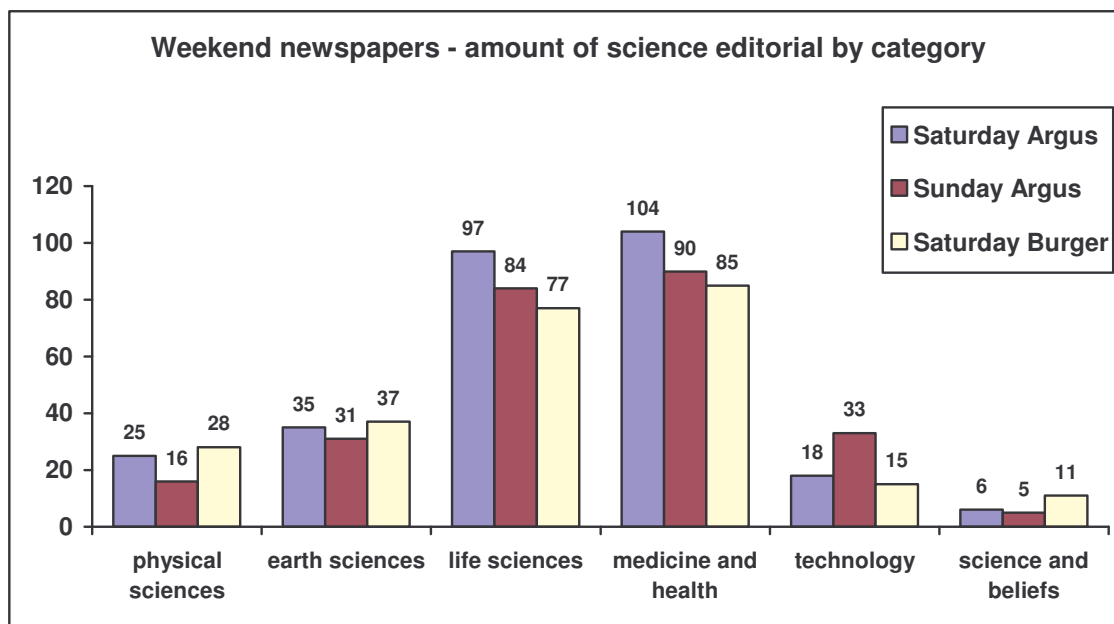


**Figure 12:** Total number of science editorial items (articles, columns and editorial comments) in Cape Town's weekend newspapers between 1 June 2007 and 31 July 2007.

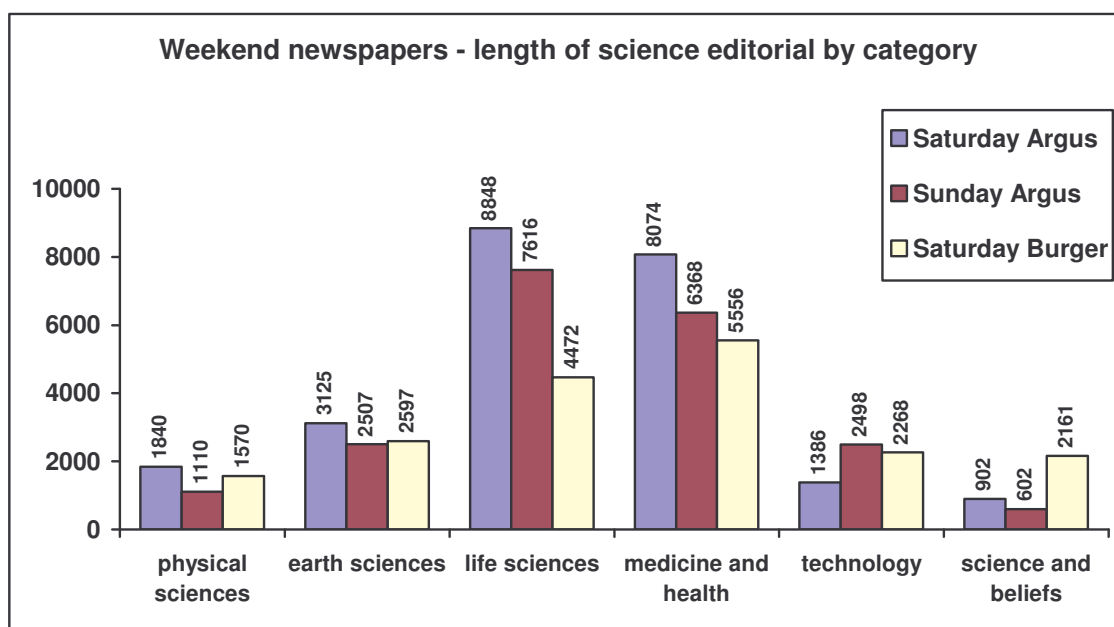


**Figure 13:** Total length in lines of science editorial items (articles, columns and editorial comments) in Cape Town's weekend newspapers between 1 June 2007 and 31 July 2007.

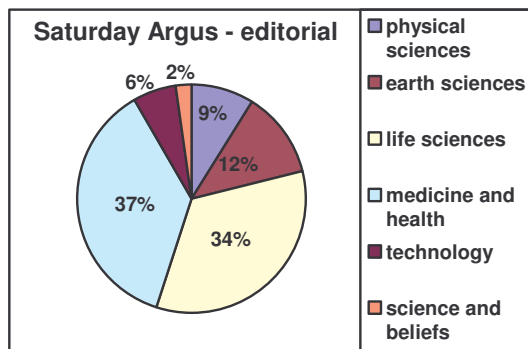




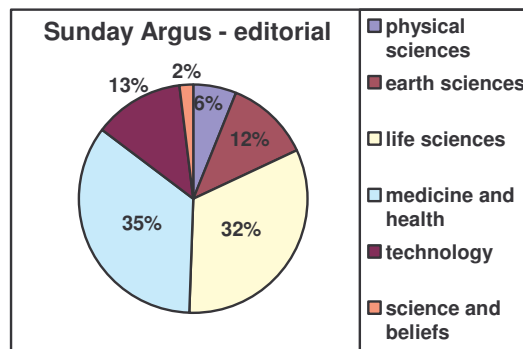
**Figure 14:** Number of science editorial items (articles, columns and editorial comments) according to category in Cape Town's weekend newspapers between 1 June 2007 and 31 July 2007.



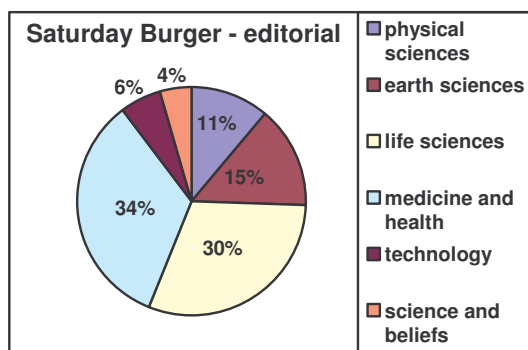
**Figure 15:** Total length in lines of science editorial items (articles, columns and editorial comments) according to category in Cape Town's weekend newspapers between 1 June 2007 and 31 July 2007.



**Figure 16:** Percentage of science categories covered in science editorial items (articles, columns and editorial comments) in the *Saturday Argus* between 1 June 2007 and 31 July 2007.



**Figure 17:** Percentage of science categories covered in science editorial items (articles, columns and editorial comments) in the *Sunday Argus* between 1 June 2007 and 31 July 2007.



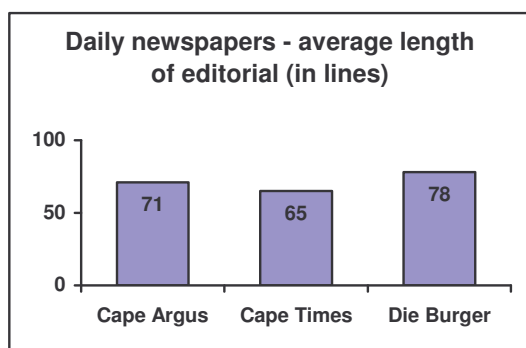
**Figure 18:** Percentage of science categories covered in science editorial items (articles, columns and editorial comments) in the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.

### 5.3.3. Amount and types of science news: Trends

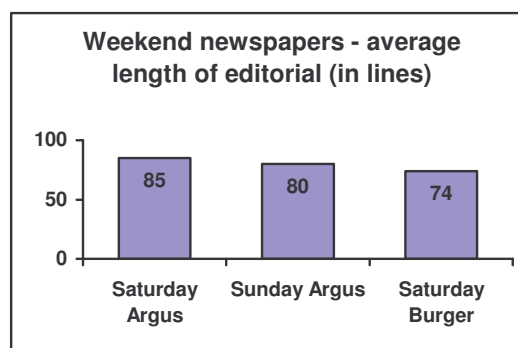
Of the daily newspapers, the *Cape Times* contains the highest number of editorial items about science (757), as well as the greatest number of lines of editorial about science (49 032), followed by *Die Burger* and the *Cape Argus*. However, when one looks at the average length of the editorial items about science (obtained by dividing the total of all the lengths by the total number of all the items), it shows that *Die Burger* has, on average, the longest editorial items about science (78 lines), followed by the *Cape Argus* (71 lines) and the *Cape Times* (65 lines).

Of the weekend newspapers, the *Saturday Argus* contains the highest number of editorial items about science (285), as well as the greatest number of lines (24 175), followed by the *Sunday Argus* and the Saturday edition of *Die Burger*. In addition, the *Saturday Argus* has, on average, the longest editorial

items about science (85 lines), followed by the *Sunday Argus* (80 lines) and the Saturday edition of *Die Burger* (74 lines).



**Figure 19:** Average length (in lines) of editorial items (articles, columns and editorial comments) in Cape Town's daily newspapers between 1 June 2007 and 31 July 2007.



**Figure 20:** Average length (in lines) of editorial items (articles, columns and editorial comments) in Cape Town's weekend newspapers, between 1 June 2007 and 31 July 2007.

This “triangulated” manner of answering the question of how much science news is covered clearly shows that it is not sufficient merely to measure how many items there are, nor simply to calculate how many lines there are in total; rather, it is necessary to combine the two and consider how long the editorial items are in relation to the number of items.

For example, although the *Cape Times* contains the highest number of science editorial items of all the daily newspapers and also the highest total number of lines, its average editorial item is shorter than those of the other daily newspapers. Conversely, while *Die Burger* has the lowest number of science editorial items and the second highest (or second lowest) total number of lines, its average editorial is the longest of the daily newspapers.

This is perhaps indicative of the fact that the *Cape Times* (which has only one science writer) uses a large number of short editorial items from the news agencies, whereas *Die Burger* (which has six science writers) prefers to publish longer, in-depth items written by its own science journalists.

In measuring these statistics for the weekend newspapers, however, the *Saturday Argus* has not only the highest number of editorial items about science and the greatest number of lines, but also, on average, the longest editorial items.

Since the *Saturday Argus* does not have any science journalists of its own (although it does run health columns by Di Caelers of the *Cape Argus*), it tends to use a large number of articles from news agencies and foreign newspapers, as does the *Sunday Argus*. In general, all the weekend newspapers, except the Saturday edition of *Die Burger*, have, on average, longer editorial items than the daily newspapers.

Turning the attention now to the specific categories covered: The science category featured most in the

*Cape Argus* in terms of the number of editorial items is medicine and health, and in terms of the length of the editorial (number of lines) is life sciences. The science category featured most in the *Cape Times* is medicine and health, both in terms of the number of items and the length of the editorial. For *Die Burger*, the science category featured most, both in terms of the number of items and the length of the editorial, is life sciences.

The daily newspaper which features the most physical sciences news (both in terms of the number of editorial items and the length of the editorial) is the *Cape Times*, which also contains the most earth sciences, technology, and medicine and health news (despite not having a specialist health reporter). *Die Burger* features the most life sciences news and the most science and beliefs news.

The science category featured most in the *Saturday Argus* and *Sunday Argus* in terms of the number of editorial items is medicine and health, and in terms of the length of editorial is life sciences. For the Saturday edition of *Die Burger*, medicine and health is the most featured category, both in terms of the number of items and the length of the editorial.

The weekend newspaper which features the most physical sciences and earth sciences news is the Saturday edition of *Die Burger* (in terms of the number of editorial items) and the *Saturday Argus* (in terms of the length of the editorial).

The *Saturday Argus* contains the most life sciences and medicine and health news, the *Sunday Argus* contains the most technology news and the Saturday edition of *Die Burger* contains the most science and beliefs news, all in terms of both the number of articles and the length of the editorial.

In summary, the science categories featured most in all of the newspapers are life sciences and medicine and health. This finding is in line with the results of other studies, both in South Africa and overseas.

## **5.4. Science news explained**

An important part of science news coverage is explanatory writing. This section will examine what percentage of the science editorial (articles, columns and editorial comment) in each newspaper contains an explanation of the science behind the story. These statistics are in no way an attempt to indicate how well or how correctly the science has been explained, only whether the writer has explained it or not.

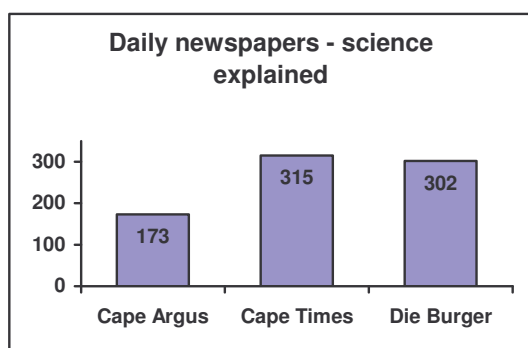
### **5.4.1. Science news explained: Observations – daily newspapers**

Of the daily newspapers, the science behind the story is explained in 49% of the science editorial in *Die Burger*, 42% of the science editorial in the *Cape Times* and 31% of the science editorial in the *Cape Argus*.

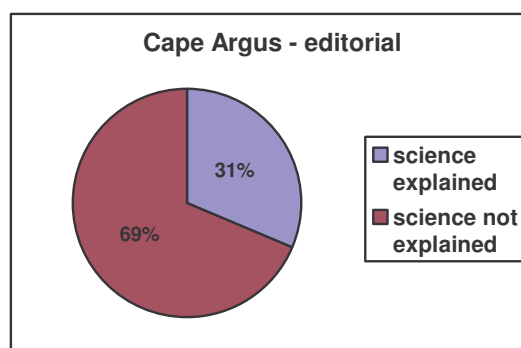
In the *Cape Argus*, the highest percentages of explanations are for science and beliefs (50%) and earth sciences (40%) and the lowest is for medicine and health (24%).

In the *Cape Times*, the highest percentages of explanations are for science and beliefs (56%) and technology (51%) and the lowest is for medicine and health (39%).

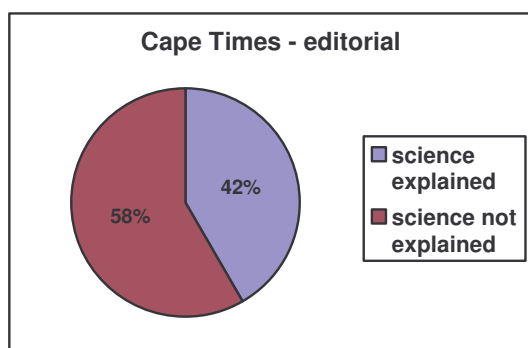
In *Die Burger*, the highest percentages of explanations are for earth sciences (69%) and physical sciences (61%) and the lowest is for technology (33%).



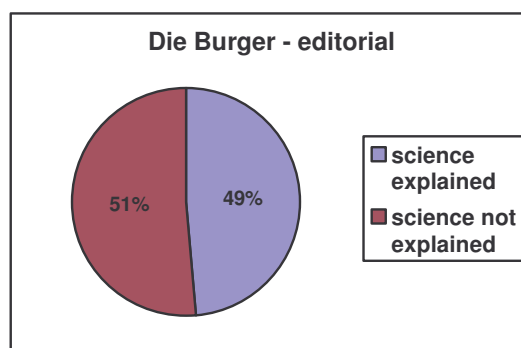
**Figure 21:** Total number of science editorial items (articles, columns and editorial comments) in which the science is explained, in Cape Town's daily newspapers between 1 June 2007 and 31 July 2007.



**Figure 22:** Percentage of science editorial items (articles, columns and editorial comments) in which the science is explained, in the *Cape Argus* between 1 June 2007 and 31 July 2007.



**Figure 23:** Percentage of science editorial items (articles, columns and editorial comments) in which the science is explained, in the *Cape Times* between 1 June 2007 and 31 July 2007.



**Figure 24:** Percentage of science editorial items (articles, columns and editorial comments) in which the science is explained, in *Die Burger* between 1 June 2007 and 31 July 2007.

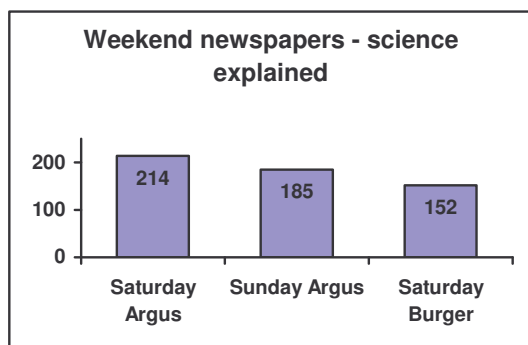
#### 5.4.2. Science news explained: Observations – weekend newspapers

Of the weekend newspapers, the science behind the story is explained in 75% of the science editorial in the *Saturday Argus*, 71% of the science editorial in the *Sunday Argus* and 60% of the science editorial in the Saturday edition of *Die Burger*.

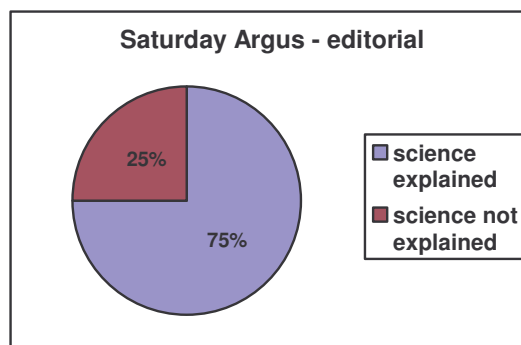
In the *Saturday Argus*, the highest percentages of explanations are for science and beliefs (100%) and physical sciences (88%) and the lowest is for medicine and health (70%).

In the *Sunday Argus*, the highest percentages of explanations are for science and beliefs (100%) and earth sciences (94%) and the lowest is for technology (55%).

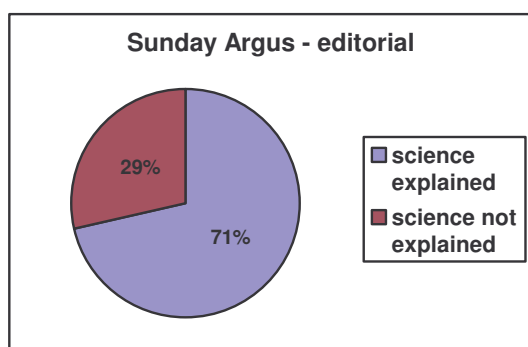
In the Saturday edition of *Die Burger*, the highest percentages of explanations are for science and beliefs and earth sciences (both 73%) and the lowest is for technology (40%).



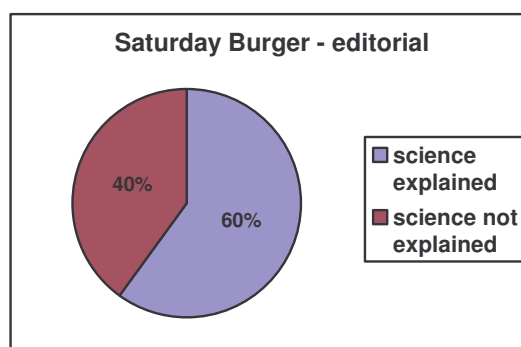
**Figure 25:** Total number of science editorial items (including articles, columns and editorial comments) in which the science is explained, in Cape Town's weekend newspapers between 1 June 2007 and 31 July 2007.



**Figure 26:** Percentage of science articles (including columns and editorial comments) in which the science is explained, in the *Saturday Argus* between 1 June 2007 and 31 July 2007.



**Figure 27:** Percentage of science articles (including columns and editorial comments) in which the science is explained, in the *Sunday Argus* between 1 June 2007 and 31 July 2007.



**Figure 28:** Percentage of science articles (including columns and editorial comments) in which the science is explained, in the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.

### 5.4.3. Science news explained: Trends

*Die Burger* contains the most science explanations of all the daily newspapers and the *Saturday Argus* contains the most of all the weekend newspapers. In the case of *Die Burger*, this is probably because the newspaper has six specialist science writers. However, the *Saturday Argus* has no dedicated science writers and therefore other factors (such as editors choosing science articles from news agencies and foreign newspapers which contain scientific explanations) must be responsible for this finding.

Science and beliefs is the “most explained” category in all the newspapers, except *Die Burger*, which explains earth sciences the most. The second most explained category is earth sciences for the *Cape Argus*, the *Sunday Argus* and the Saturday edition of *Die Burger*, physical sciences for *Die Burger* and the *Saturday Argus*, and technology for the *Cape Times* (the latter certainly as a result of the weekly four-page *Techno Times* supplement in this newspaper).

The least explained category is medicine and health for the *Cape Argus*, *Cape Times* and *Saturday Argus*, and technology for *Die Burger*, *Sunday Argus* and the Saturday edition of *Die Burger*.

The percentage of editorial items in which the science is explained is a good indicator of the depth of science coverage in the newspapers. However, this criterion cannot be used to judge the writing or scientific knowledge of the individual specialist science writers, since editorial from news agencies and foreign newspapers is also included in the statistics for this section. Section 5.13 of this chapter deals specifically with the newspapers’ specialist science writers and provides more details about how many of their own articles contain scientific explanations.

It is essential to note that because of the large quantity of items studied (3 116 in total), as well as the wide range of categories covered, it was impossible to judge the quality of the explanations in each editorial item. Some explanations were clearly more detailed and accurate than others, but it would have required the input of specialists from numerous scientific fields to evaluate each explanation properly and fairly. While this approach is outside the scope of this thesis, it would, however, be a worthwhile and full study on its own, and a good indicator of the quality (and not merely the quantity) of the science covered by each newspaper.

## 5.5. Writers of the science news

This section will examine how much of the science editorial (articles, columns and editorial comments) is by journalists (including journalists from the six newspapers studied, freelancers and journalists from news agencies) and how much is by scientists or other specialists.

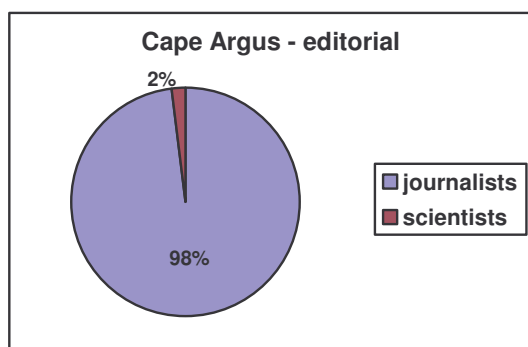
### 5.5.1. Writers of the science news: Observations – daily newspapers

The *Cape Argus* contains 539 editorial items by journalists (98%) and 11 by scientists or other specialists (2%). This includes 38 columns by journalists and 8 columns by scientists or other specialists, as well as

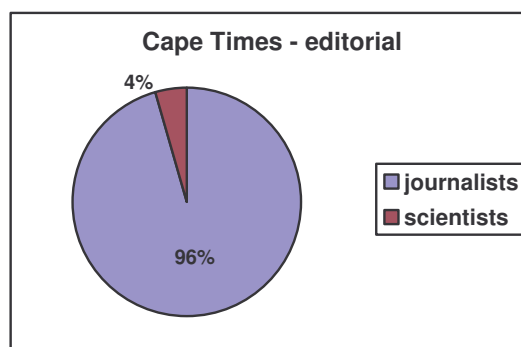
11 editorial comments by journalists.

The *Cape Times* contains 723 editorial items by journalists (96%) and 34 by scientists or other specialists (4%). This includes 36 columns by journalists and 13 columns by scientists or other specialists, as well as 16 editorial comments by journalists.

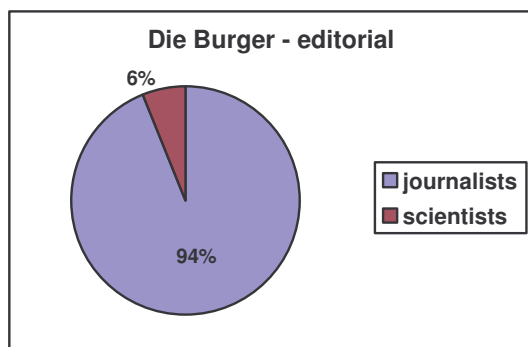
*Die Burger* contains 584 editorial items by journalists (94%) and 38 by scientists or other specialists (6%). This includes 61 columns by journalists and 30 columns by scientists or other specialists, as well as 20 editorial comments by journalists.



**Figure 29:** Percentage of science editorial (articles, columns and editorial comments) written by scientists in the *Cape Argus*.



**Figure 30:** Percentage of science editorial (articles, columns and editorial comments) written by scientists in the *Cape Times*.



**Figure 31:** Percentage of science editorial (articles, columns and editorial comments) written by scientists in *Die Burger*.

### 5.5.2. Writers of the science news: Observations – weekend newspapers

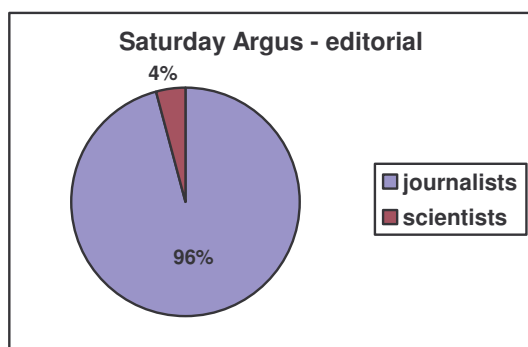
The *Saturday Argus* contains 273 editorial items by journalists (96%) and 12 by scientists or other specialists (4%). This includes 25 columns by journalists and 11 columns by scientists or other



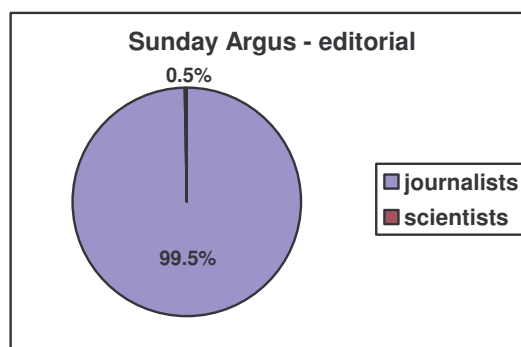
specialists, as well as 1 editorial comment by journalists.

The *Sunday Argus* contains 258 editorial items by journalists (almost 100%) and 1 by scientists or other specialists (almost half a %). This includes 70 columns by journalists and 0 columns by scientists or other specialists, as well as 2 editorial comments by journalists.

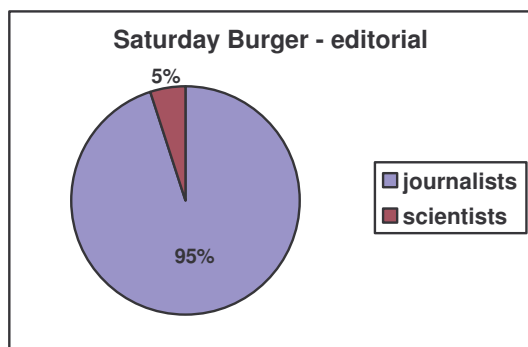
The Saturday edition of *Die Burger* contains 240 editorial items by journalists (95%) and 13 by scientists and other specialists (5%). This includes 97 columns by journalists and 10 columns by scientists or other specialists, as well as 4 editorial comments by journalists.



**Figure 32:** Percentage of science editorial (articles, columns and editorial comments) written by scientists in the *Saturday Argus*.



**Figure 33:** Percentage of science editorial (articles, columns and editorial comments) written by scientists in the *Sunday Argus*.



**Figure 34:** Percentage of science editorial (articles, columns and editorial comments) written by scientists in the Saturday edition of *Die Burger*.

### 5.5.3. Writers of the science news: Trends

In all six newspapers, journalists wrote considerably more science editorial than did scientists and other specialists. The range was from 94% of items from journalists in *Die Burger* to almost 100% of items from

journalists in the *Sunday Argus*. The percentage of the total science editorial written by scientists and other specialists is the highest in *Die Burger* (6%, or 38 items) and the Saturday edition of *Die Burger* (5%, or 13 items). The *Cape Argus* (2%, or 11 items) and the *Sunday Argus* (less than half a %, or 1 item) contain the lowest percentage of science editorial written by scientists and other specialists.

Another trend is that scientists and other specialists contributed more columns than articles in all the newspapers, except the *Cape Times* and the *Sunday Argus*, where they contributed more articles.

This section does not give an indication of how many (or what quality of) scientists were quoted in articles by journalists (although that would make a worthwhile research topic); it merely looks at the author of each editorial piece.

The granting of editorial space to scientists can be seen as an indication of the importance that the newspaper attaches to science news. This could be true of the Saturday edition of *Die Burger*, which has a weekly *Wetenskap Vandag* (Science Today) column, featuring contributions from scientists from a wide range of fields.

On the other hand, the *Sunday Argus*, which does not have any specialist science writers and featured only one item by a scientist in two months, could be seen as not valuing science news.

The motive behind giving news space to scientists could also, however, be that the newspaper feels they do not have journalists who could cover the topic effectively on their own. This could be the case with the *Cape Times*, which does not have a medical reporter, but ran a series of columns by Cape Town medical specialists on a number of different health-related topics during the two month period monitored. A total of 4% of the science editorial in the *Cape Times* is by scientists.

The *Cape Argus*, on the other hand, has two specialist science writers, and that may be the reason for the lower percentage of items by scientists (2%) in the newspaper.

However, this interpretation is flawed, because *Die Burger* has six specialist science writers, but also gave 6% of science editorial space to scientists, indicating that science is perhaps more highly regarded by this newspaper. It also seems to signify that there is a higher awareness of science at *Die Burger*, which is the only newspaper in South Africa with a dedicated science desk.

There are many other factors to be considered when one applies the inexact science of counting the number of scientists' columns in order to find out whether newspapers value science news or not. Thus, the suggestions in the paragraphs preceding this one are purely speculation.

A fact that may further complicate any attempt at straightforward or simple reasoning about the importance (in the eyes of the editors) of science news written by scientists is that the number of scientists which read each newspaper (and how much, if at all, they initiate interaction with the newspaper) is an unknown factor.

It could be generalised that the University of Cape Town scientists would read English newspapers and that the University of Stellenbosch scientists would read Afrikaans newspapers, but this statement cannot hold water without detailed audience research, which is outside the scope of this study.

## **5.6. Usage of news agencies**

This section will examine how much of the editorial (articles, columns and editorial comments) comes from the newspapers themselves (including items by the newspapers' journalists and items written specifically for the newspapers by freelancers and scientists) and how much comes from news agencies and foreign newspapers. A total of 13 news agencies and 16 foreign newspapers are represented across the six newspapers.

### **5.6.1. Usage of news agencies: Observations – daily newspapers**

The *Cape Argus* contains 315 editorial items by or specifically for the *Cape Argus* (57%), 191 items from news agencies (35%) and 44 items from foreign newspapers (8%).

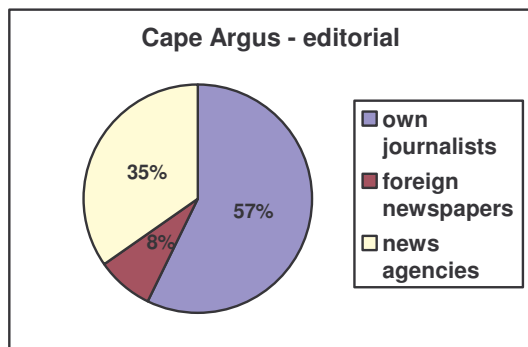
The news agencies most used by the *Cape Argus* are Sapa (78 items), Reuters (19 items) and Associated Press (19 items). Unnamed news agencies supplied 51 items. The foreign newspapers most used are the *Daily Mail* (20 items) and *The Washington Post* (13 items). The science category most used by the *Cape Argus* from news agencies is medicine and health (62 items) and from foreign newspapers is also medicine and health (17 items).

The *Cape Times* contains 315 editorial items by or specifically for the *Cape Times* (42%), 411 items from news agencies (54%) and 29 items from foreign newspapers (4%). It also contains two items from other miscellaneous sources.

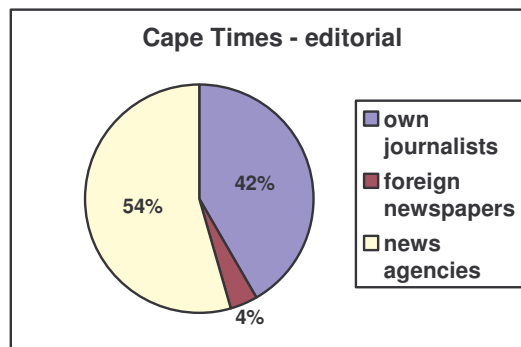
The news agencies most used by the *Cape Times* are Sapa (189 items) and Reuters (58 items). Unnamed news agencies supplied 116 items and The Big Eyed Deer (a technology news agency) supplied 35 items for the *Techno Times* supplement. The foreign newspapers most used are *The Independent* (19 items) and the *Los Angeles Times* (7 items). The science category most used by the *Cape Times* from news agencies is medicine and health (104 items) and from foreign newspapers is also medicine and health (10 items).

*Die Burger* contains 560 editorial items by or specifically for *Die Burger* (90%), 60 items from news agencies (10%) and no items from foreign newspapers. It also contains two items from other miscellaneous sources.

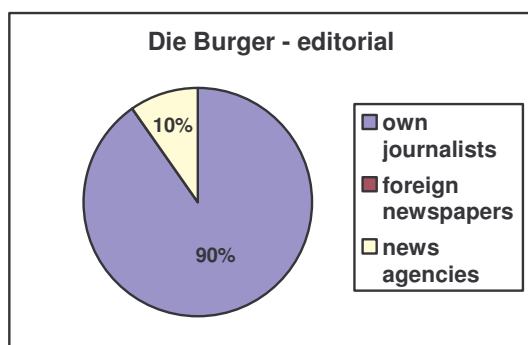
The news agencies most used by *Die Burger* are Sapa (28 items) and Reuters (21 items). Unnamed news agencies supplied only 4 items. The science category most used by *Die Burger* from news agencies is earth sciences (21 items).



**Figure 35:** Percentage of science editorial (articles, columns, editorial comments) written by the newspaper's own journalists, foreign journalists and news agencies, in the *Cape Argus* between 1 June 2007 and 31 July 2007.



**Figure 36:** Percentage of science editorial (articles, columns, editorial comments) written by the newspaper's own journalists, foreign journalists and news agencies, in the *Cape Times* between 1 June 2007 and 31 July 2007.



**Figure 37:** Percentage of science editorial (articles, columns, editorial comments) written by the newspaper's own journalists, foreign journalists and news agencies, in the *Die Burger* between 1 June 2007 and 31 July 2007.

### 5.6.2. Usage of news agencies: Observations – weekend newspapers

The *Saturday Argus* contains 154 editorial items by or specifically for the *Saturday Argus* (54%), 82 items from news agencies (29%) and 49 items from foreign newspapers (17%).

The news agencies most used by the *Saturday Argus* are Sapa (44 items) and Reuters (13 items). Unnamed news agencies supplied 10 items. The foreign newspapers most used are the *Daily Mail* (34 items) and *The Washington Post* (9 items).

The science category most used by the *Saturday Argus* from news agencies is medicine and health (37

items) and from foreign newspapers is also medicine and health (31 items).

The *Sunday Argus* contains 149 editorial items by or specifically for the *Sunday Argus* (58%), 73 items from news agencies (28%) and 36 items from foreign newspapers (14%). It also contains one article from another miscellaneous source.

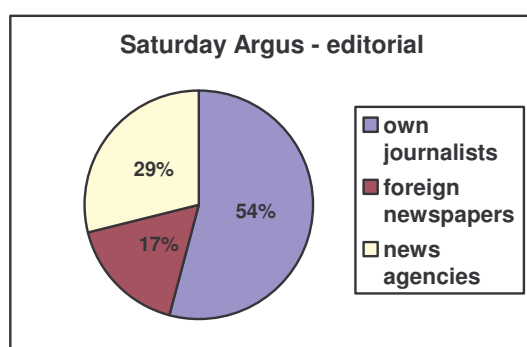
The news agencies most used by the *Sunday Argus* are Reuters (39 items) and Sapa (22 items). Unnamed news agencies supplied 6 items. The foreign newspapers most used are the *Daily Mail* (17 items) and *The Independent* (5 items).

The science category most used by the *Sunday Argus* from news agencies is medicine and health (39 items) and from foreign newspapers is also medicine and health (19 items).

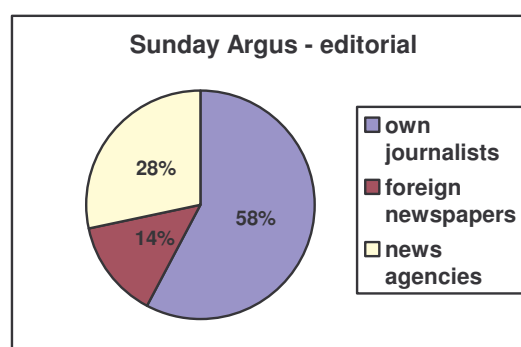
The *Saturday edition of Die Burger* contains 235 editorial items by or specifically for the *Saturday edition of Die Burger* (93%), 11 items from news agencies (4%) and 7 items from foreign newspapers (3%).

The news agencies most used by the *Saturday edition of Die Burger* are Sapa (5 items) and Reuters (4 items). There are no items from unnamed news agencies. The foreign newspaper most used is *The New York Times* (2 items).

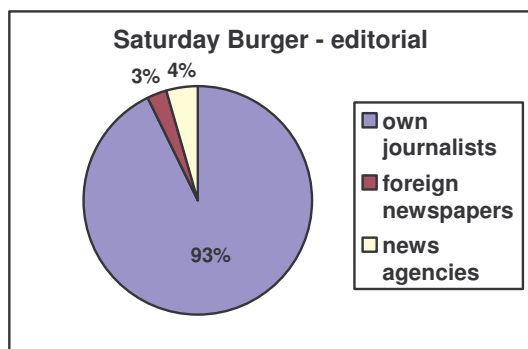
The science category most used by the *Saturday edition of Die Burger* from news agencies is physical sciences (4 items) and from foreign newspapers is life sciences (3 items).



**Figure 38:** Percentage of science editorial (articles, columns, editorial comments) written by the newspaper's own journalists, foreign journalists and news agencies, in the *Saturday Argus* between 1 June 2007 and 31 July 2007.



**Figure 39:** Percentage of science editorial (articles, columns, editorial comments) written by the newspaper's own journalists, foreign journalists and news agencies, in the *Sunday Argus* between 1 June 2007 and 31 July 2007.



**Figure 40:** Percentage of science editorial (articles, columns, editorial comments) written by the newspaper's own journalists, foreign journalists and news agencies, in the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.

### 5.6.3. Usage of news agencies: Trends

This is perhaps the section in which the differences between the six newspapers are most obvious. Of the daily newspapers, *Die Burger* uses mostly its own science editorial (90%), nothing from foreign newspapers and only 10% of news agency news. The *Cape Times*, on the other hand, uses only 42% own science editorial, 54% from news agencies and 4% from foreign newspapers. The *Cape Argus* sits between the two poles, using 57% own science editorial, 35% from news agencies and 8% from foreign newspapers.

Of the weekend newspapers, the *Saturday edition of Die Burger* uses mostly its own science editorial (93%), with 4% from news agencies and 3% from foreign newspapers, while the *Saturday Argus* uses 54% own science editorial, 29% from news agencies and 17% from foreign newspapers, and the *Sunday Argus* uses 58% own science editorial, 28% from news agencies and 14% from foreign newspapers.

Thus *Die Burger* and the Saturday edition of *Die Burger* predominantly contain news from their own science journalists and use very few items from news agencies and foreign newspapers.

The reason for this could be that they have more staff than the other newspapers and are thus able to produce more local stories, or that they have any editorial policy which both favours and encourages local news. Alternatively, it could be related to the fact that the news agency and foreign newspaper articles are in English, while these newspapers are Afrikaans and the editors therefore prefer to have journalists working on original news stories in Afrikaans rather than spending their time translating foreign copy.

Just over half the science editorial in the *Cape Argus*, the *Saturday Argus* and the *Sunday Argus* is by the newspapers' own journalists and just under half is from news agencies and foreign newspapers. The *Cape Times*, however, uses just 42% own editorial and 58% from news agencies and foreign newspapers.

A reason for this could be the fact that the newspaper is short-staffed, or that the editorial focus is on short items from all over the world because there are far fewer news pages in the *Cape Times* than in the other newspapers (and therefore no space for longer articles). These short news items are amply provided by – and easily available from – the news agencies.

These statistics on the use of news agencies link in very closely with section 5.7, which examines the proportions of local and foreign news, because the amount of own editorial used generally echoes the amount of local news in the newspaper, while editorial from news agencies (other than Sapa) is generally foreign in origin.

Regarding the science categories of the editorial from news agencies and foreign newspapers which is selected to appear in Cape Town newspapers: Medicine and health is the category of science news from both news agencies and foreign newspapers which is most used by all the newspapers, except for *Die Burger* (earth sciences) and the *Saturday edition of Die Burger* (physical sciences and life sciences).

## **5.7. Local science news**

This section will examine how much science news (articles, columns and editorial comments) is about South Africa and how much about foreign countries. For the purpose of this study, foreign regions were divided into Africa; Asia (Far East and Russia; Middle East and India); America (Central and South; North); Australasia; Europe (UK and Ireland; other); and the Polar Regions.

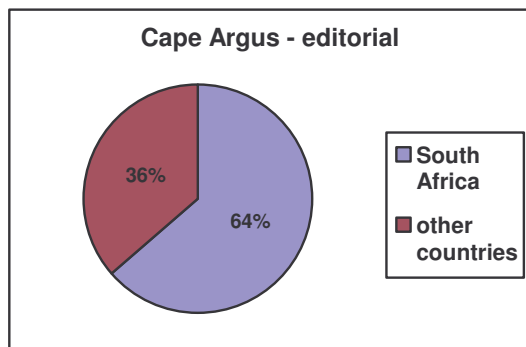
### **5.7.1. Local science news: Observations – daily newspapers**

For the *Cape Argus*, 64% of editorial items (350 out of 550) are about South Africa (of which 55% were about the Western Cape). The foreign region which received the most coverage was the Americas (59 items or 30% of foreign coverage). Africa received 20% of foreign coverage.

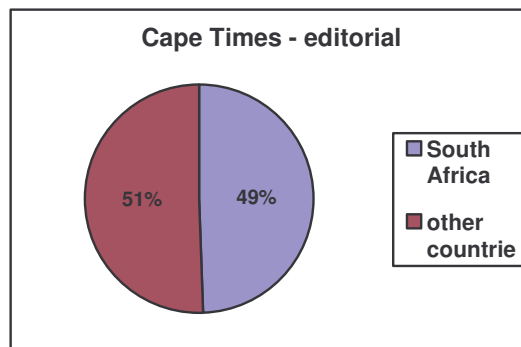
For the *Cape Times*, 49% of editorial items (374 out of 757) are about South Africa (of which 45% were about the Western Cape). The foreign region which received the most coverage was Asia (98 items or 26% of foreign coverage). Africa received 22% of foreign coverage.

For *Die Burger*, 80% of editorial items (498 out of 622) are about South Africa (of which 58% were about the Western Cape). The foreign region which received the most coverage was Europe (38 items or 31% of foreign coverage). Africa received 24% of foreign coverage.

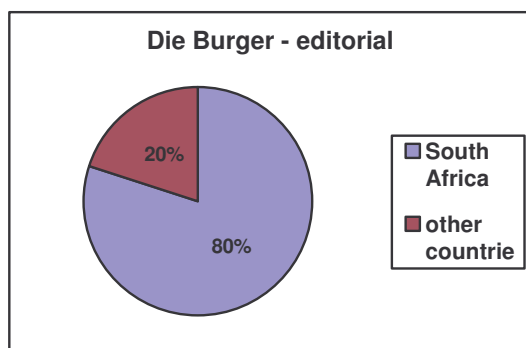
The daily newspapers covered the following foreign regions, listed from most coverage to least coverage: *Cape Argus*: Americas, Europe, Asia, Africa, Australasia, Polar Regions. *Cape Times*: Asia, Americas, Europe, Africa, Australasia, Polar Regions. *Die Burger*: Europe, Africa, Americas, Asia, Australasia, Polar Regions.



**Figure 41:** Percentage of science editorial (articles, columns, editorial comments) about South Africa in the *Cape Argus* between 1 June 2007 and 31 July 2007.



**Figure 42:** Percentage of science editorial (articles, columns, editorial comments) about South Africa in the *Cape Times* between 1 June 2007 and 31 July 2007.



**Figure 43:** Percentage of science editorial (articles, columns, editorial comments) about South Africa in the *Die Burger* between 1 June 2007 and 31 July 2007.

### 5.7.2. Local science news: Observations – weekend newspapers

For the *Saturday Argus*, 47% of editorial items (133 out of 285) are about South Africa (of which 50% were about the Western Cape). The foreign region which received the most coverage was Europe (50 items or 33% of foreign coverage). Africa received 13% of foreign coverage.

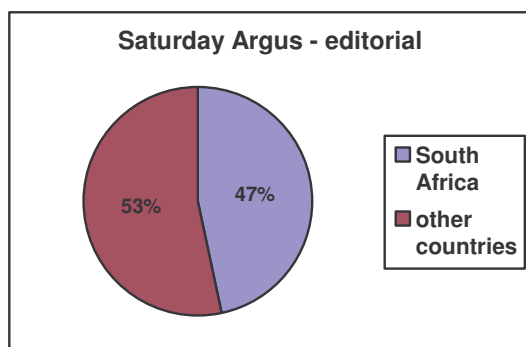
For the *Sunday Argus*, 40% of editorial items (104 out of 259) are about South Africa (of which 45% were about the Western Cape). The foreign region which received the most coverage was Europe (52 items or 34% of foreign coverage). Africa received 21% of foreign coverage.

For the Saturday edition of *Die Burger*, 66% of editorial items (168 out of 253) are about South Africa (of which 52% were about the Western Cape). The foreign region which received the most coverage was the

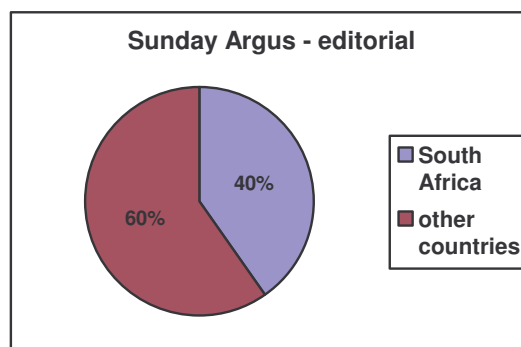


Americas (28 items or 33% of foreign coverage). Africa received 25% of foreign coverage.

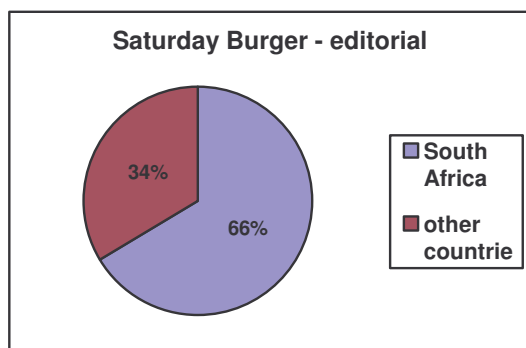
The weekend newspapers covered the following foreign regions, listed from most coverage to least coverage: *Saturday Argus*: Europe, Americas, Asia, Africa, Australasia, Polar Regions. *Sunday Argus*: Europe, Americas, Africa, Asia, Australasia, Polar Regions. Saturday edition of *Die Burger*: Americas, Africa, Europe, Asia, Australasia, Polar Regions.



**Figure 44:** Percentage of science editorial (articles, columns, editorial comments) about South Africa in the *Saturday Argus* between 1 June 2007 and 31 July 2007.



**Figure 45:** Percentage of science editorial (articles, columns, editorial comments) about South Africa in the *Sunday Argus* between 1 June 2007 and 31 July 2007.



**Figure 46:** Percentage of science editorial (articles, columns, editorial comments) about South Africa in the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.

### 5.7.3. Local science news: Trends

Of the daily newspapers, *Die Burger* contains the most South African science news (80%) and the *Cape Times* the least (49%), while of the weekend newspapers, the Saturday edition of *Die Burger* contains the

most South African science news (66%) and the *Sunday Argus* the least (40%).

*Die Burger* (58%) and the Saturday edition of *Die Burger* (52%) also contain the greatest percentage of Western Cape science news (measured as a percentage of South African science news) of the daily newspapers and weekend newspapers respectively. These statistics tie in very closely with the use of news agencies; indeed, *Die Burger* and the Saturday edition of *Die Burger* use news agencies far less than the other four newspapers do.

*Die Burger* (24%) and the Saturday edition of *Die Burger* (25%) are also the newspapers which cover science news from the rest of Africa the most, with the continent being the second most covered foreign region for both newspapers. This indicates that while these newspapers do not depend substantially on foreign-based news agencies for their news, they do use the news agencies' African news, as well as news from the Media24 Africa desk.

Of the South African regions, all six newspapers cover the Western Cape the most, followed by general South African news. The third most covered region for the *Cape Argus*, *Cape Times*, *Sunday Argus* and the Saturday edition of *Die Burger* is the Eastern Cape, while for *Die Burger* and the *Saturday Argus* it is Gauteng.

The foreign region most covered by science news in *Die Burger*, the *Saturday Argus* and the *Sunday Argus* is Europe, while for the *Cape Argus* and the Saturday edition of *Die Burger* it is the Americas, and for the *Cape Times* it is Asia.

The foreign regions least covered by science news in all the newspapers are Australasia and the Polar Regions. It should be noted that the Polar Regions would probably not have been featured in any editorial items if Cape Town swimmer Lewis Pugh had not swum in the icy Arctic water in order to demonstrate how global warming has caused the polar ice to melt.

It should also be noted that this examination of which regions are covered in the news does not in any way give an indication of whether the news is positive or negative. For example, a large proportion of the stories about China (in the Asia – Far East and Russia category) are negative, with news about poisoned toothpaste and contaminated food. An investigation into the perceptions created about the countries covered in the news is not within the scope of this study, but would make a worthwhile research topic.

## **5.8. Lead articles about science**

This section will examine how many (and what types of) science lead articles appeared in the six newspapers over the two month period studied. This provides indications of what science news is deemed by the editors to be newsworthy enough to place as the main story on the front page.

### **5.8.1. Lead articles about science: Observations – daily newspapers**

The *Cape Argus* has six science leads out of a total of 493 science articles (1%). Four leads are about

earth sciences (meteorology) and two about medicine and health (hospital strike).

The *Cape Times* has 15 science leads out of a total of 692 science articles (2%). Four leads are about earth sciences (meteorology), four about life sciences (two about agriculture, one about marine animals and one about environment and pollution), four about medicine and health (one about Aids and three about healthcare administration) and three about physical sciences (energy). Six of the leads are by Melanie Gosling, the *Cape Times* specialist environment writer. Three of these six leads are about physical sciences (two about nuclear energy and one about renewable energy), two about life sciences (agriculture) and one about earth sciences (meteorology).

*Die Burger* has nine science leads out of a total of 511 science articles (2%). Six leads are about medicine and health (five about the hospital strike and one about healthcare administration) and three about earth sciences (meteorology). One of the leads (on the topic of the hospital strike) is by Eugene Gunning, *Die Burger's* specialist agriculture writer.

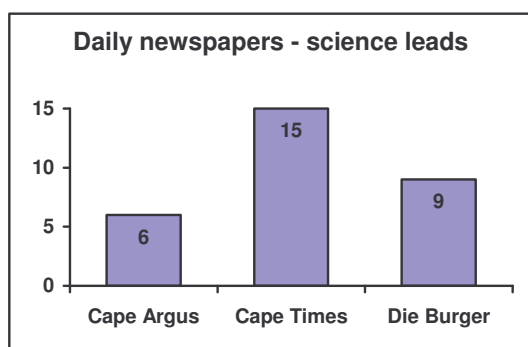
### 5.8.2. Lead articles about science: Observations – weekend newspapers

The *Saturday Argus* has one science lead out of a total of 248 science articles (less than half a %). The lead is about medicine and health (hospital strike).

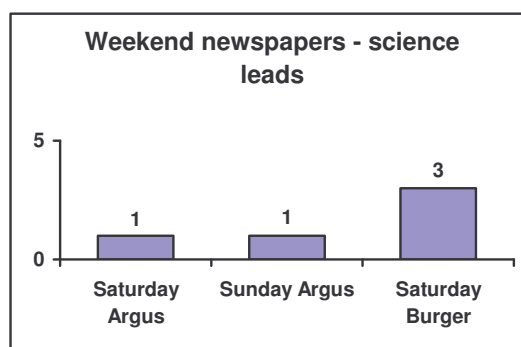
The *Sunday Argus* has one science lead out of a total of 187 science articles (half a %). The lead is about medicine and health (healthcare administration – Frere Hospital).

The Saturday edition of *Die Burger* has three science leads out of a total of 142 science articles. The leads are about physical sciences (energy – electricity), earth sciences (meteorology) and medicine and health (hospital strike).

### 5.8.3. Lead articles about science: Trends



**Figure 47:** Number of science leads in Cape Town's daily newspapers between 1 June 2007 and 31 July 2007.



**Figure 48:** Number of science leads in Cape Town's weekend newspapers between 1 June 2007 and 31 July 2007.

Out of the total of 35 leads across the six newspapers, 15 are about medicine and health (Aids, hospital strike and healthcare administration), 12 about earth sciences (meteorology), four about physical sciences (energy) and four about life sciences (agriculture, animals and environment and pollution). The hospital strike and the stormy winter weather stories are largely responsible for inflating the medicine and health and earth sciences figures quite considerably.

In total, just over 1.5% of all science articles across the six newspapers made it onto the front page. If the nine hospital strike stories and the 12 stormy weather stories are excluded, then only 0.6% of all science stories made it onto the front page.

However, there are many ways to skin a cat and therefore one should try to examine the same statistics from a different perspective.

The *Cape Argus* has six science leads out of the 43 editions studied; in other words, 14% of all lead articles in the newspaper are about science. However, if the two hospital strike and four stormy weather articles are excluded, the *Cape Argus* would have had no science leads.

The *Cape Times* has 15 science leads out of the 43 editions studied (35% of all leads in the newspaper are about science). However, if the four stormy weather articles (there were no hospital strike leads) are excluded, then the *Cape Times* would have had 11 science leads. In other words, 26% of all leads would have been about science.

*Die Burger* has nine science leads out of the 43 editions studied (21% of all leads in the newspaper are about science). However, if the five hospital strike and three stormy weather articles are excluded, then *Die Burger* would have had one science lead. In other words, 2% of all leads would have been about science.

The *Saturday Argus* has one lead out of the nine editions studied (11% of all leads in the newspaper are about science). However, if the hospital strike story (there were no stormy weather articles) is excluded, the *Saturday Argus* would have had no science leads.

The *Sunday Argus* has one lead out of the nine editions studied (11% of all leads in the newspaper were about science). There are no hospital strike articles or stormy weather articles.

The Saturday edition of *Die Burger* has three leads out of the nine editions studied (33% of all leads in the newspaper are about science). However, if the hospital strike and stormy weather articles are excluded, then the Saturday edition of *Die Burger* would have had one science lead. In other words, 11% of all leads would have been about science.

In conclusion, when the hospital strike and stormy weather articles are excluded, only the *Cape Times* has a substantial number of science articles as leads (26% of all leads), while at the other end of the scale, the *Cape Argus* and the *Saturday Argus* have no science leads.

If making an article the front page lead is an indication of the importance of the article in the eyes of the editors and news editors, then this is an area of concern for all newspapers, except the *Cape Times*.

There are, however, many factors to consider and, in this case, these could include the newsworthiness of the articles in the eyes of the editors and news editors, the strength of the non-science articles against which the science articles were competing each day, and the quality of the science articles which were put forward as possible leads.

## 5.9. Placing of science news

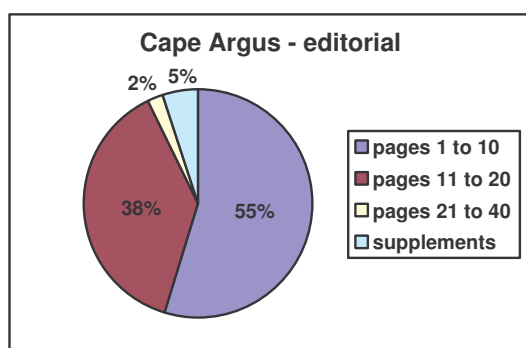
Having examined the proportion of front page lead stories in the six newspapers, this section will continue in the same vein by considering the general placement of science news (articles, columns, editorial, stand-alone photographs, letters and cartoons) on specific pages by editors, news editors and sub-editors, in order to obtain information which could provide indications regarding the perceived importance or newsworthiness of the various items of science news.

### 5.9.1. Placing of science news: Observations – daily newspapers

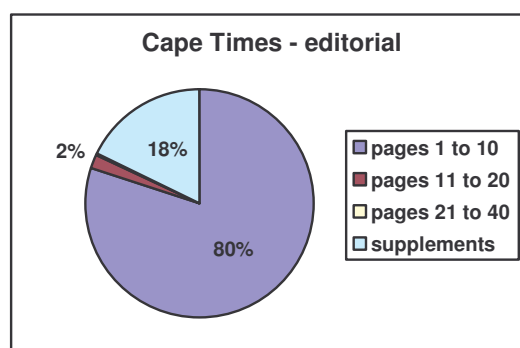
For the *Cape Argus*, 55% of items are on pages 1 to 10 and 38% are on pages 11 to 20. The remaining 7% are on pages 21 to 30 and in supplements.

For the *Cape Times*, 80% of items are on pages 1 to 10 and 18% in supplements. The remaining 2% are on pages 11 to 30.

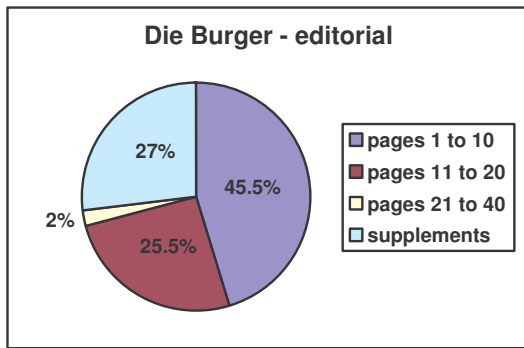
For *Die Burger*, just over 45% of items are on pages 1 to 10, 27% are in supplements and just over 25% on pages 11 to 20. The remaining 2% are on pages 21 to 30.



**Figure 49:** Percentage of distribution of science editorial (articles, columns and editorial comments) throughout the *Cape Argus* between 1 June 2007 and 31 July 2007.



**Figure 50:** Percentage of distribution of science editorial (articles, columns and editorial comments) throughout the *Cape Times* between 1 June 2007 and 31 July 2007.



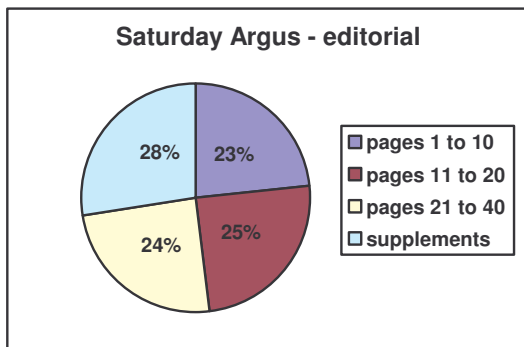
**Figure 51:** Percentage of distribution of science editorial (articles, columns and editorial comments) throughout the *Die Burger* between 1 June 2007 and 31 July 2007.

### 5.9.2. Placing of science news: Observations – weekend newspapers

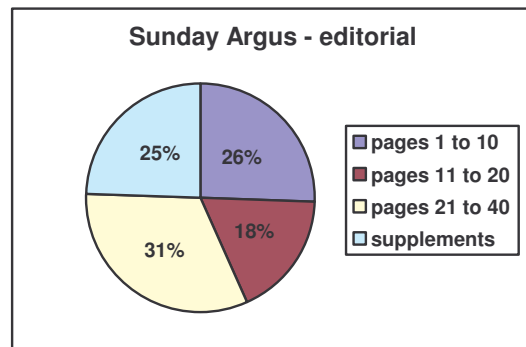
For the *Saturday Argus*, 28% of articles are in supplements, 25% on pages 11 to 20, 23% on pages 1 to 10 and 21% on pages 21 to 30. The remaining 3% are on pages 31 to 40.

For the *Sunday Argus*, 29% of articles are on pages 21 to 30, 26% on pages 1 to 10, 25% in supplements and 18% on pages 11 to 20. The remaining 2% are on pages 31 to 40.

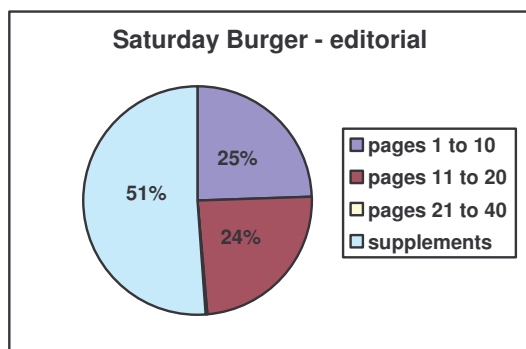
For the Saturday edition of *Die Burger*, 51% of articles are in supplements, 25% on pages 1 to 10 and 24% on pages 11 to 20. Only one article is on pages 21 to 30.



**Figure 52:** Percentage of distribution of science editorial (articles, columns, editorial comments) throughout the *Saturday Argus* between 1 June 2007 and 31 July 2007.



**Figure 53:** Percentage of distribution of science editorial (articles, columns, editorial comments) throughout the *Sunday Argus* between 1 June 2007 and 31 July 2007.



**Figure 54:** Percentage of distribution of science editorial (articles, columns, editorial comments) throughout the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.

### 5.9.3. Placing of science news: Trends

While the placing of news items in particular sections of the newspaper is certainly an indicator of the importance that editors and news editors attach to these items, it should be borne in mind that the number of pages of each newspaper (which varies from paper to paper and also from day to day for each individual paper) constrains these figures and could perhaps give rise to misleading impressions.

The *Cape Times* seldom has more than 10 main news pages and therefore it is not surprising that 80% of news items are on pages 1 to 10. The weekly four-page *Techno Times* supplement is the main reason for the fact that a further 18% of news items in the *Cape Times* appear in supplements.

The *Cape Argus*, on the other hand, has more news pages and fewer supplements than the *Cape Times* and thus 93% of items are spread across pages 1 to 20. In contrast, *Die Burger* has 45% of news items on pages 1 to 10 (perhaps an indication that science news is viewed as important hard news) and 25% on pages 11 to 20, with 27% in supplements. *Die Burger* also tends to group its science stories on certain pages, perhaps indicating more of an editorial awareness of the connections between the various fields of science, whereas the *Cape Times* and *Cape Argus* spread their science news throughout the newspaper.

For the weekend newspapers, the pattern is very different, especially for the *Saturday Argus* and the *Sunday Argus*, which have considerably more news pages than all the other newspapers studied.

For the *Saturday Argus*, 28% of news items appear in supplements and 69% are spread evenly across pages 1 to 30. For the *Sunday Argus*, 25% of items appear in supplements and 73% are spread relatively evenly across pages 1 to 30, but with more items towards the front (pages 1 to 10) and back (pages 21 to 30) than in the middle (pages 11 to 20). For the Saturday edition of *Die Burger*, which has fewer news pages, but thicker supplements than the *Saturday Argus* and *Sunday Argus*, 51% of items are in supplements (predominantly By) and 49% are spread evenly across pages 1 to 20.

The large percentage of science items in supplements in the Saturday edition of *Die Burger* is perhaps indicative of a decision by the editors to use longer and more in-depth science news on the weekend, when there is more space available in the newspaper, while concentrating on shorter, hard news science items during the week. However, this speculation is not backed up by the facts, because science editorial items in *Die Burger* are, on average, 78 lines long, whereas in the Saturday edition of *Die Burger* they are, on average, 74 lines long. Nevertheless, the Saturday edition of *Die Burger's* preference for using science news in the supplements is clear and distinguishes it from the other weekend newspapers.

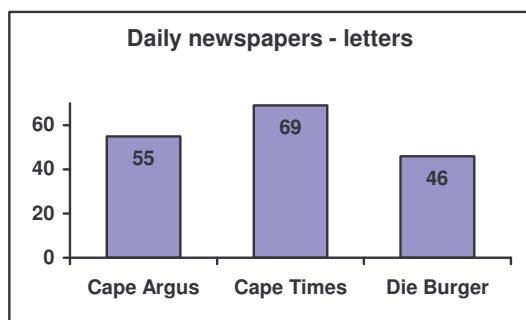
## 5.10. Types of science letters

This section will examine the number and types of letters about science in the six newspapers studied.

### 5.10.1. Types of science letters: Observations – daily newspapers

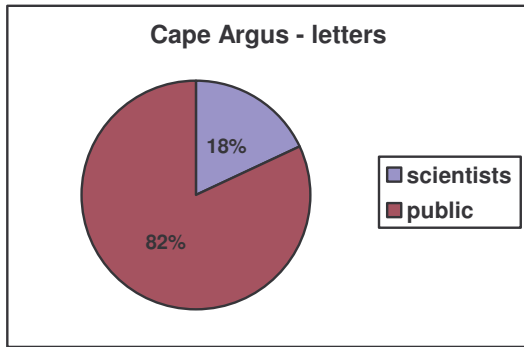
The *Cape Times* contains the most science letters of the daily newspapers (69), followed by the *Cape Argus* (55) and *Die Burger* (46). Letters from scientists or other specialists account for 33% of science letters in the *Cape Times*, 18% of science letters in the *Cape Argus* and 15% of science letters in *Die Burger*. All the other letters come from the public.

The science category covered most by letters in the *Cape Times* is life sciences (33, of which 39% are about animals), followed by physical sciences (18, of which 100% are about energy). There are no letters about science and beliefs. The science category covered most by letters in the *Cape Argus* is life sciences (24, of which 46% are about the environment and pollution), followed by physical sciences (12, of which 83% are about energy). Technology (1) and science and beliefs (1) are the science categories least covered. The science category covered most by letters in *Die Burger* is life sciences (14, of which 50% are about animals), followed by medicine and health (12, of which 33% are about healthcare administration and 33% about the hospital strike). Technology (1) is the science category least covered.

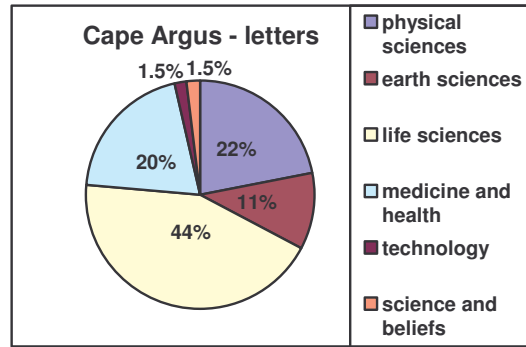


**Figure 55:** Number of science letters in Cape Town's daily newspapers between 1 June 2007 and 31 July 2007.

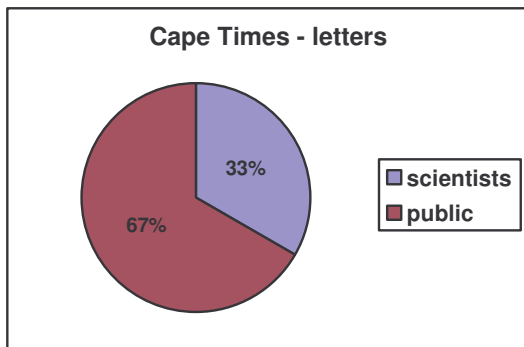




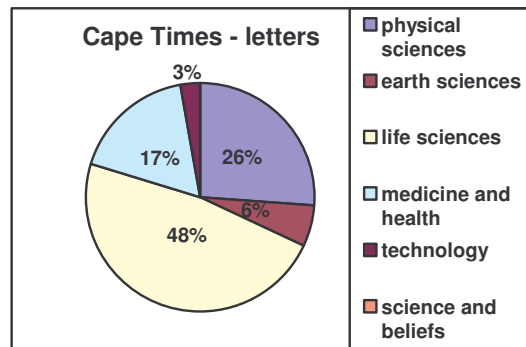
**Figure 56:** Percentage of science letters written by scientists in the *Cape Argus* between 1 June 2007 and 31 July 2007.



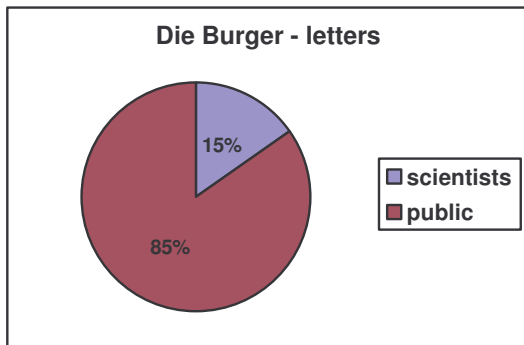
**Figure 57:** Percentage of letters about the six science categories in the *Cape Argus* between 1 June 2007 and 31 July 2007.



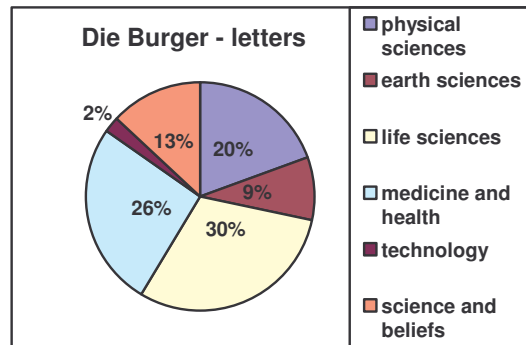
**Figure 58:** Percentage of science letters written by scientists in the *Cape Times* between 1 June 2007 and 31 July 2007.



**Figure 59:** Percentage of letters about the six science categories in the *Cape Times* between 1 June 2007 and 31 July 2007.



**Figure 60:** Percentage of science letters written by scientists in *Die Burger* between 1 June 2007 and 31 July 2007.

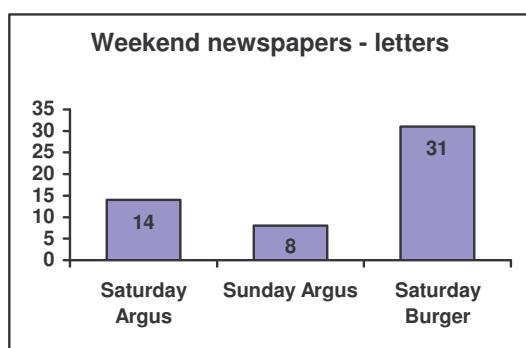


**Figure 61:** Percentage of letters about the six science categories in *Die Burger* between 1 June 2007 and 31 July 2007.

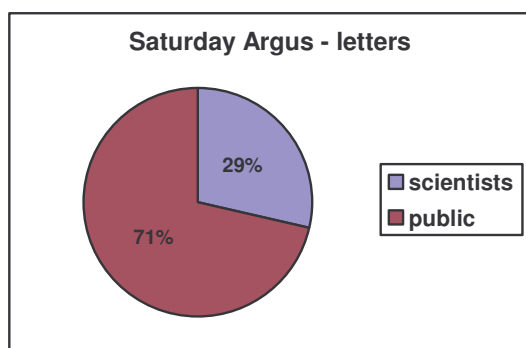
### 5.10.2. Types of science letters: Observations – weekend newspapers

The Saturday edition of *Die Burger* contains the most science letters of the weekend newspapers (31), followed by the *Saturday Argus* (14) and the *Sunday Argus* (8). Letters from scientists or other specialists account for 77% of science letters in the Saturday edition of *Die Burger*, 29% of science letters in the *Saturday Argus* and 38% of science letters in the *Sunday Argus*. All the other letters are from the public.

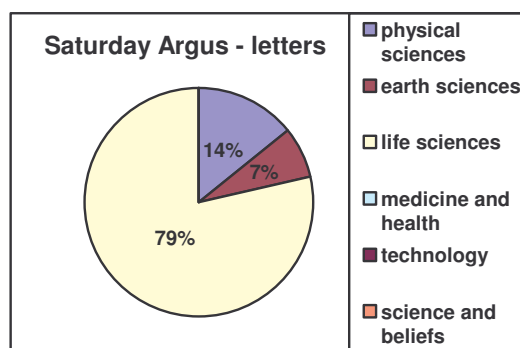
The science category covered most by letters in the *Saturday Argus* is life sciences (11, of which 36% were about animals). There are no letters about medicine and health, technology or science and beliefs. The science category covered most by letters in the *Sunday Argus* is life sciences (5, of which 80% were about animals). There are no letters about physical sciences or technology. The science category covered most by letters in the Saturday edition of *Die Burger* is science and beliefs (18, of which 94% are about science and religion). Technology (1) is the subject least covered.



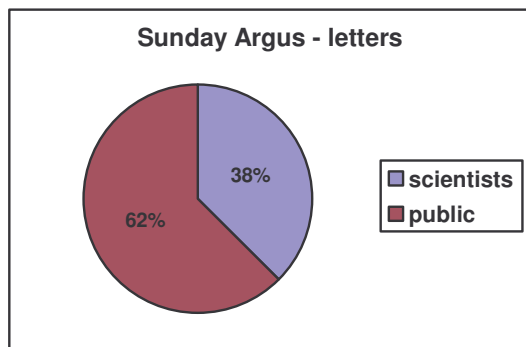
**Figure 62:** Number of science letters in Cape Town's weekend newspapers between 1 June 2007 and 31 July 2007.



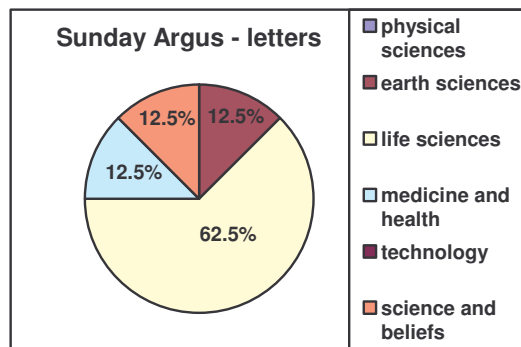
**Figure 63:** Percentage of science letters written by scientists in the *Saturday Argus* between 1 June 2007 and 31 July 2007.



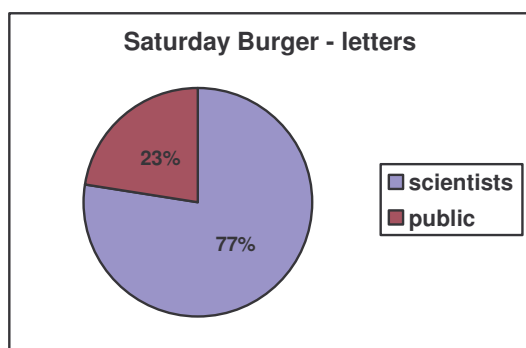
**Figure 64:** Percentage of letters about the six science categories in the *Saturday Argus* between 1 June 2007 and 31 July 2007.



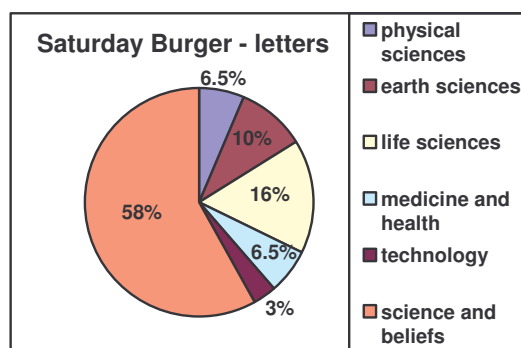
**Figure 65:** Percentage of science letters written by scientists in the *Sunday Argus* between 1 June 2007 and 31 July 2007.



**Figure 66:** Percentage of letters about the six science categories in the *Sunday Argus* between 1 June 2007 and 31 July 2007.



**Figure 67:** Percentage of science letters written by scientists in the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.



**Figure 68:** Percentage of letters about the six science categories in the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.

### 5.10.3. Types of science letters: Trends

The agenda-setting model is a useful tool with which to analyse letters in newspapers. This model states that news published in newspapers tells people what to think *about*, but does not tell them *what* to think. Thus, it predicts that, in each newspaper, the number of letters about each of the various science categories should be directly proportional to the amount of editorial published about these categories.

In the daily newspapers, the *Cape Times* contains the most letters about science (69, of which 48% are about life sciences, 26% about physical sciences and 17% about medicine and health). However, this is not proportional to the number of editorial items about these topics, namely, 28% about medicine and health, 24% about life sciences and 12% about physical sciences.

The *Cape Argus* contains 55 letters about science, of which 44% are about life sciences, 22% about physical sciences and 20% about medicine and health. This is also not proportional to the number of

editorial items about these topics: 32% about life sciences, 32% about medicine and health and 9% about physical sciences.

*Die Burger* contains 46 science letters, of which 30% are about life sciences, 26% about medicine and health and 20% about physical sciences. This is the only newspaper where the order of coverage for the top three categories remains the same for editorial and for letters: 44% of editorial items are about life sciences, 27% about medicine and health and 4% about physical sciences.

In both the *Cape Times* and the *Cape Argus*, there are fewer letters about medicine and health than one would expect from looking at the coverage of this category in the editorial sections. In *Die Burger*, however, the percentage coverage of medicine and health in the editorial and the letters sections seem to tie in. This could, however, be a mere coincidence.

Nevertheless, *Die Burger* seems to be the only newspaper where the predictions of the agenda-setting model are vindicated. While the topics on which the *Cape Times* and the *Cape Argus* focus in their editorial sections are indeed reflected in the letters columns, they are not present in the proportions that one would expect.

The letters section is a complex system to investigate, since many variables are involved. Not everyone who has strong feelings on a topic will write a letter; not all letters are published; and not all letters are responses to articles (some are completely unrelated to anything that has appeared in the newspaper).

Thus, while the agenda-setting model is a useful starting point for examining the letters column (and will also be used to examine the cartoons in this study), it cannot (and should not) be seen as the be-all-and-end-all method of interpretation. In some cases, it is an accurate indicator, but in many cases there are numerous other factors muddying the waters and preventing the researcher from seeing clearly.

In the weekend newspapers, the Saturday edition of *Die Burger* contained the most letters about science (31), followed by the *Saturday Argus* (14) and the *Sunday Argus* (8).

Letters about science and beliefs account for 58% (18) of the science letters in the Saturday edition of *Die Burger*. This newspaper also contains more editorial items on this topic (11) than the other weekend papers do, and so the agenda-setting model's prediction of an agenda being set by the journalists and then followed by the readers appears to be correct in this case.

The agenda-setting model's predictions are further confirmed by the fact that the content of many of the letters is diametrically opposed to the beliefs and opinions expressed in the editorial. Thus, while the newspaper's agenda is followed, readers are generally not persuaded by the content of the editorial. In other words, the readers are writing letters about topics which they have been encouraged to think about, but the directions of their thoughts have not been influenced by what they have read.

It is in the letters about science and beliefs that agenda-setting is best observed, perhaps because it is

such a controversial topic, with people either being strongly for or strongly against certain standpoints.

This situation in the weekend newspapers is mirrored in the dailies, with *Die Burger* containing six letters about science and beliefs. Despite the fact that it is not a large quantity, it is much more, relatively speaking, than the number of science and beliefs letters in the *Cape Argus* (1) and the *Cape Times* (0). Once again, it reflects the coverage of science and beliefs in the editorial section – with 19 articles in *Die Burger*, nine in the *Cape Argus* and only two in the *Cape Times*.

Another strong trend observed in the weekend newspapers is that 79% of science letters in the *Saturday Argus* (11) and 63% of science letters in the *Sunday Argus* (5) are about life sciences, with the sub-category of animals featuring strongly in both newspapers. On the other hand, only 16% of letters (5) in the Saturday edition of *Die Burger* are about life sciences.

The agenda-setting model would seem to suggest that the strong focus on life sciences in the letters columns in the *Saturday Argus* and the *Sunday Argus* would be a reflection of a strong focus on life sciences in the editorial sections.

However, this is not an accurate prediction or explanation, because although 34% (97 items) of the science editorial in the *Saturday Argus* and 32% (84 items) in the *Sunday Argus* is about life sciences, the percentage of editorial about life sciences in the Saturday edition of *Die Burger* is not much different at 30% (77 items). In addition, there is more editorial about medicine and health in all three newspapers than there is about life sciences.

Clearly there are other factors that can only be explained by a complex audience analysis, which is not within the boundaries of this study.

The final trend noted is that scientists and other specialists write 77% of the letters in the Saturday edition of *Die Burger*, compared to only 29% in the *Saturday Argus* and 38% in the *Sunday Argus*. For the daily newspapers, scientists wrote 33% of letters in the *Cape Times*, 18% in the *Cape Argus* and 15% in *Die Burger*.

One cannot draw any conclusions about whether more scientists read the Saturday edition of *Die Burger* than the other newspapers studied. However, one can again employ the agenda-setting model to seek to understand this trend. The model predicts (retrospectively) that the Saturday edition of *Die Burger* should contain the most editorial by scientists and other specialists, as this sets the agenda for increased letter writing by scientists and other specialists.

However, since only 5% of editorial in the Saturday edition of *Die Burger* is written by scientists and other specialists (compared to 4% in *Saturday Argus* and less than half a percent in the *Sunday Argus*), this is again not an acceptable model for explaining the trend in this case. Other external factors must be considered, but, as noted earlier, appropriate audience research is outside the scope of a study of this nature.

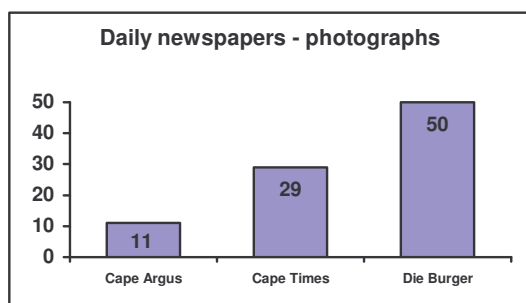
## 5.11. Types of science photographs

This section will examine the number and types of stand-alone photographs about science in the six newspapers studied.

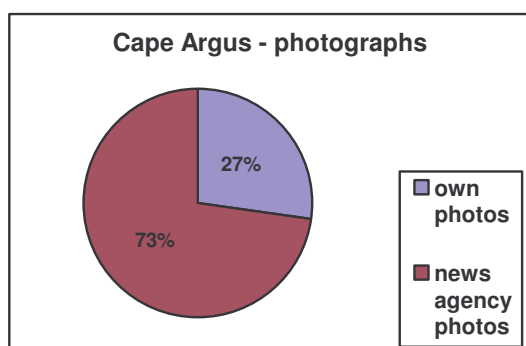
### 5.11.1. Types of science photographs: Observations – daily newspapers

Of the daily newspapers, *Die Burger* contains the most stand-alone photographs about science (50), followed by the *Cape Times* (29) and the *Cape Argus* (11).

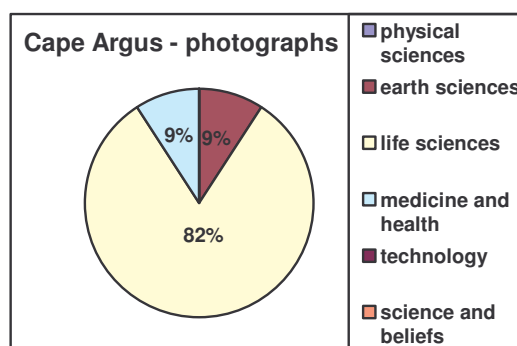
The newspapers' own photographers took 62% of the stand-alone science photos in the *Cape Times*, but only 27% of those in the *Cape Argus* and 38% in *Die Burger*. The rest are from news agencies, with a handful from the public. Life sciences is the category most covered by all the daily papers. It accounts for 82% of science photos in the *Cape Argus* (67% about animals), 59% of science photos in the *Cape Times* (59% about animals) and 54% of science photos in *Die Burger* (48% about animals and 37% about agriculture). In addition, earth sciences accounts for 34% of the science photos in *Die Burger* (65% of which are about meteorology), 24% of science photos in the *Cape Times* (57% of which are about meteorology) and 9% of science photos in the *Cape Argus* (100% of which are about meteorology).



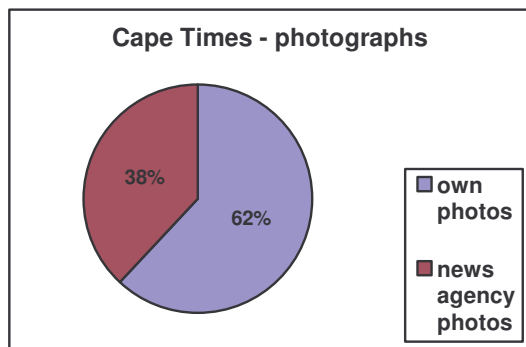
**Figure 69:** Number of science stand-alone photographs in Cape Town's daily newspapers between 1 June 2007 and 31 July 2007.



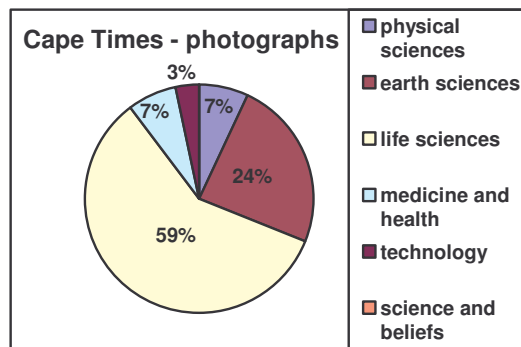
**Figure 70:** Percentage of science photos taken by the *Cape Argus*'s own photographers between 1 June 2007 and 31 July 2007.



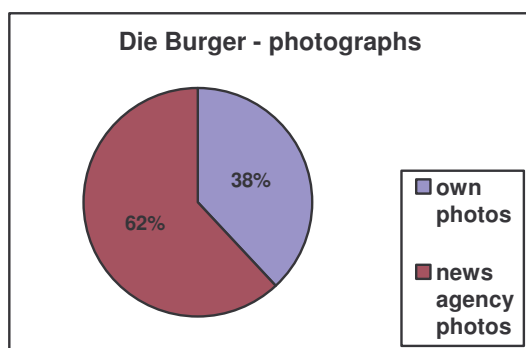
**Figure 71:** Percentage of stand-alone photographs about the six science categories in the *Cape Argus* between 1 June 2007 and 31 July 2007.



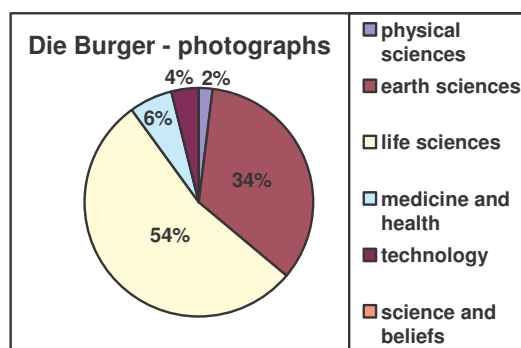
**Figure 72:** Percentage of science photos taken by the *Cape Times*' own photographers between 1 June 2007 and 31 July 2007.



**Figure 73:** Percentage of stand-alone photographs about the six science categories in the *Cape Times* between 1 June 2007 and 31 July 2007.



**Figure 74:** Percentage of science photos taken by *Die Burger*'s own photographers between 1 June 2007 and 31 July 2007.

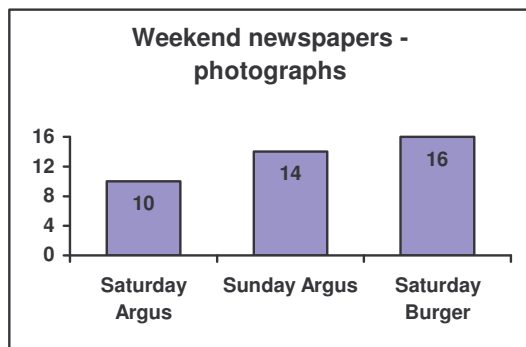


**Figure 75:** Percentage of stand-alone photographs about the six science categories in *Die Burger* between 1 June 2007 and 31 July 2007.

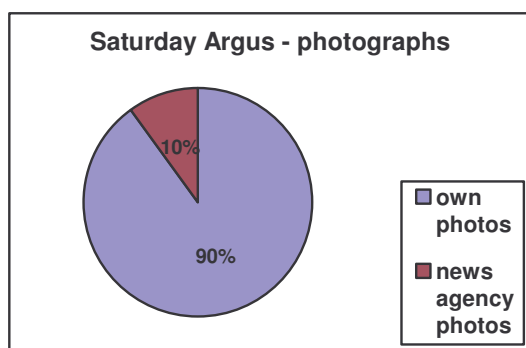
### 5.11.2. Types of science photographs: Observations – weekend newspapers

Of the weekend newspapers, the Saturday edition of *Die Burger* contains the most stand-alone photographs about science (16), followed by the *Sunday Argus* (14) and the *Saturday Argus* (10).

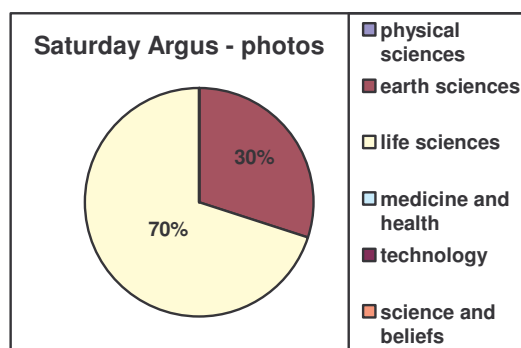
The newspapers' own photographers took 90% of science photos in the *Saturday Argus*, 71% in the *Sunday Argus* and 25% in the Saturday edition of *Die Burger*. The rest are from news agencies, with a handful from the public. Life sciences is the category most covered by the weekend papers. It accounts for 70% of science photos in the *Saturday Argus* (57% about animals), 57% of science photos in the *Sunday Argus* (63% about animals) and 38% of science photos in the Saturday edition of *Die Burger* (67% about animals). Earth sciences accounts for 30% of science photos in the *Saturday Argus*, 29% in the *Sunday Argus* and 31% in the Saturday edition of *Die Burger*. There are no meteorology photos in the *Saturday Argus* or *Sunday Argus*, but this sub-category accounts for 60% of earth sciences photos in the Saturday edition of *Die Burger*.



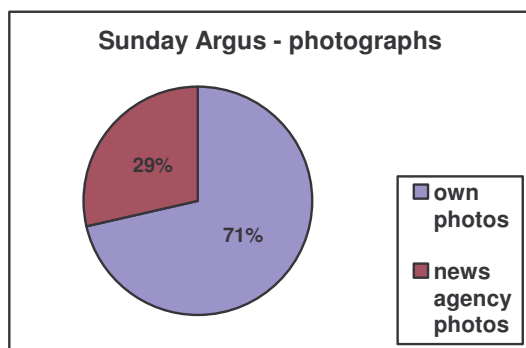
**Figure 76:** Number of science stand-alone photographs in Cape Town's weekend newspapers between 1 June 2007 and 31 July 2007.



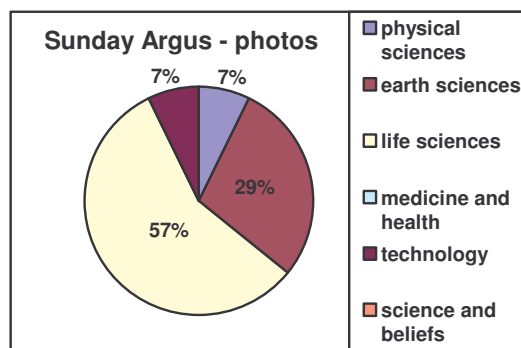
**Figure 77:** Percentage of science photos taken by the *Saturday Argus's* own photographers between 1 June 2007 and 31 July 2007.



**Figure 78:** Percentage of stand-alone photographs about the six science categories in the *Saturday Argus* between 1 June 2007 and 31 July 2007.

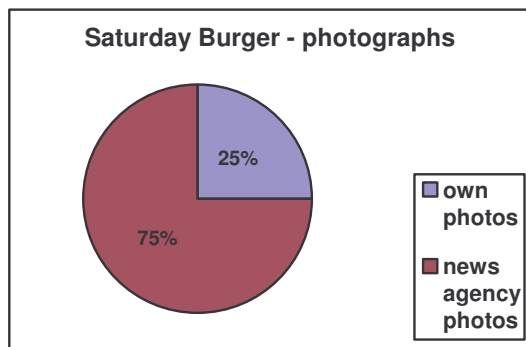


**Figure 79:** Percentage of science photos taken by the *Sunday Argus's* own photographers between 1 June 2007 and 31 July 2007.

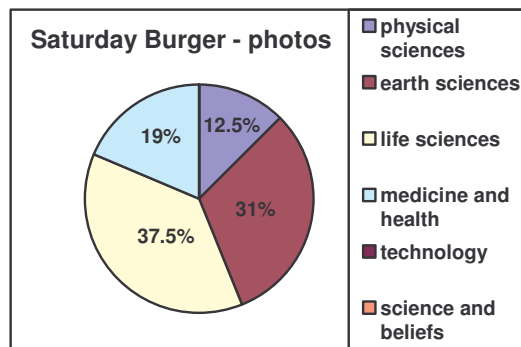


**Figure 80:** Percentage of stand-alone photographs about the six science categories in the *Sunday Argus* between 1 June 2007 and 31 July 2007.





**Figure 81:** Percentage of science photos taken by the Saturday edition of *Die Burger's* own photographers between 1 June 2007 and 31 July 2007.



**Figure 82:** Percentage of stand-alone photographs about the six science categories in the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.

### 5.11.3. Types of science photographs: Trends

*Die Burger* and the Saturday edition of *Die Burger* use the most stand-alone photographs about science of all the daily and weekend newspapers respectively.

The numbers of photos taken by the newspapers' own photographers (as opposed to photos supplied by news agencies) varies from paper to paper, with the Saturday edition of *Die Burger* using the fewest "own photographer" photos of the weekend papers (25% of all stand-alone photos about science in the newspaper) and the *Saturday Argus* the most (90%). For the daily papers, the *Cape Argus* used the fewest (27%) and the *Cape Times* the most (62%).

This usage of own photographers correlates with how many local and foreign photographs are used, as local photos naturally tend to come from the newspapers' own photographers, whereas foreign photos tend to come from the (generally foreign) news agencies.

It is difficult to establish why the six newspapers use such vastly different proportions of local photographs, but some reasons could include how the individual picture editors or news editors view the quality of the photographs (some preferring the local photos and some preferring the foreign ones), the need to include photographs that tie in with current events, and the availability of photographs.

Although this may account for the low number of local photos in the *Cape Argus*, *Die Burger* and the Saturday edition of *Die Burger*, a fact which complicates this explanation is that the *Cape Argus* and the *Cape Times* share a picture desk. Thus, the vast difference in picture selection between these two newspapers is incongruous.

Also, what is not taken into account in this brief overview is the amount of space available in each

newspaper and the number of photographs used overall.

For example, although 73% of the science photos in the *Cape Argus* are from news agencies, this translates into only eight out of eleven photos – hardly enough to establish a trend.

A year-long study of the six newspapers would yield a more accurate reflection of the true situation – one that is not affected by particular news events and specific newsroom decisions which may have come into play during the two-month period in which the newspapers were monitored.

Across all the papers, photographs tend to be about life sciences and earth sciences; in other words, the environment, animals and the weather. Most of the animals in the photographs are wildlife, except for the *Cape Argus*, where most animal photos are of farm animals, and the Saturday edition of *Die Burger*, where there are an equal number of wildlife and farm animal photographs.

The percentage of science photos which are about life sciences ranged from 37% in the Saturday edition of *Die Burger* to 82% in the *Cape Argus*, while the percentage of science photos about earth sciences ranges from 9% in the *Cape Argus* to 34% in *Die Burger*.

There are no stand-alone photographs about science and beliefs in any of the six newspapers. This is predictable, since nature lends itself far more to photographic portrayal than does a more philosophic category relating to ideas and beliefs.

## **5.12. Types of science cartoons**

This section will examine the number and types of cartoons about science in the six newspapers studied.

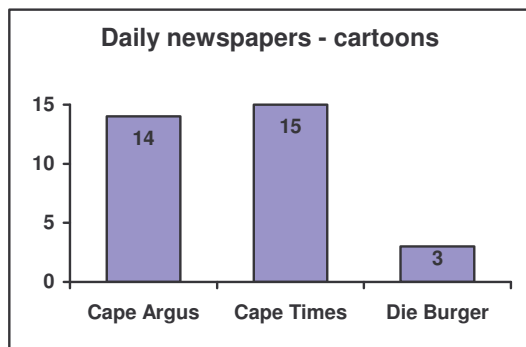
### **5.12.1. Types of science cartoons: Observations – daily newspapers**

Of the daily newspapers, the *Cape Times* contains the most cartoons about science (15), followed by the *Cape Argus* (14) and *Die Burger* (3).

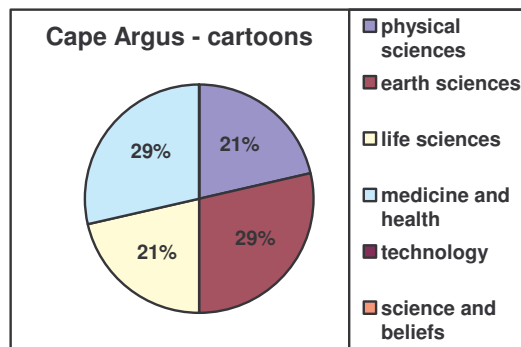
More than half of the *Cape Times*' science cartoons (9 out of 15) are about earth sciences (of which two thirds are about climate change and one third about meteorology). Three cartoons are about physical sciences (all of which are about energy) and three about medicine and health (one each about Aids, healthcare administration and the hospital strike).

The *Cape Argus* contains a spread of cartoons across the categories: four about earth sciences (three of which are about climate change), four about medicine and health (two of which are about the hospital strike), three about physical sciences (two of which are about energy) and three about life sciences (two of which are about environment and pollution).

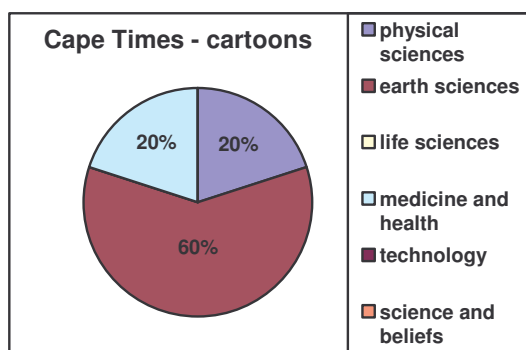
*Die Burger* contains two cartoons about medicine and health (one each about healthcare administration and the hospital strike) and one about technology (computers).



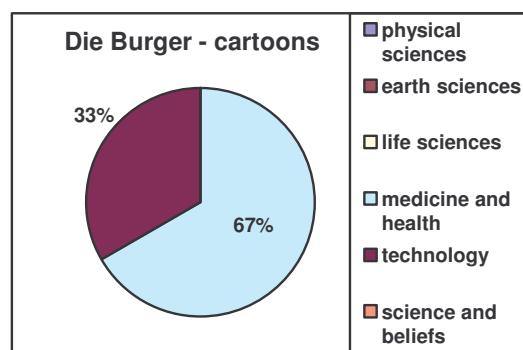
**Figure 83:** Number of science cartoons in Cape Town's daily newspapers between 1 June 2007 and 31 July 2007.



**Figure 84:** Percentage of cartoons about the six science categories in the *Cape Argus* between 1 June 2007 and 31 July 2007.



**Figure 85:** Percentage of cartoons about the six science categories in the *Cape Times* between 1 June 2007 and 31 July 2007.



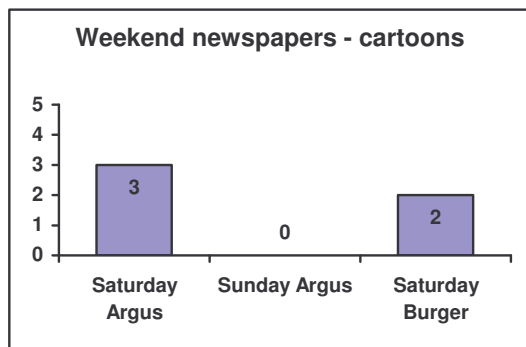
**Figure 86:** Percentage of cartoons about the six science categories in *Die Burger* between 1 June 2007 and 31 July 2007.

### 5.12.2. Types of science cartoons: Observations – weekend newspapers

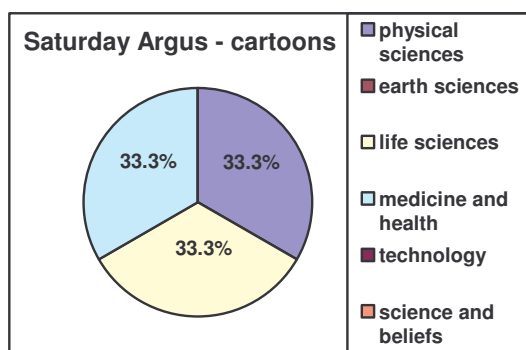
Of the weekend newspapers, the *Saturday Argus* contains the most cartoons about science (3), followed by the Saturday edition of *Die Burger* (2) and the *Sunday Argus* (0).

The *Saturday Argus* contains one cartoon about physical sciences (energy), one about life sciences (environment and pollution) and one about medicine and health (hospital strike).

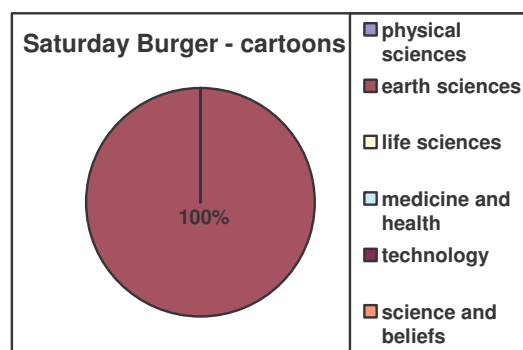
The Saturday edition of *Die Burger* contains two cartoons about earth sciences (climate change).



**Figure 87:** Number of science cartoons in Cape Town's weekend newspapers between 1 June 2007 and 31 July 2007.



**Figure 88:** Percentage of cartoons about the six science categories in the *Saturday Argus* between 1 June 2007 and 31 July 2007.



**Figure 89:** Percentage of cartoons about the six science categories in the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.

### 5.12.3. Types of science cartoons: Trends

The hospital strike was the only sub-category that was covered by cartoons in all the daily newspapers: two in the *Cape Argus*, one in the *Cape Times* and one in *Die Burger*.

A small trend observable in the daily newspapers is that while the *Cape Argus* (2) and *Cape Times* (3) contain cartoons about energy (including nuclear, electricity and renewable), there are no cartoons about energy in *Die Burger*.

Once again guided and informed by the agenda-setting model, this can perhaps be seen as a reflection of (or, conversely, a reaction to) the editorial coverage given to energy in the respective papers (50 editorial items in the *Cape Argus*, 68 in the *Cape Times* and only 26 in *Die Burger*).

In another example, the *Cape Times* contained six cartoons about climate change, the *Cape Argus* three

and *Die Burger* none. If one looks at the editorial coverage of climate change, the *Cape Times* had 28 editorial items, while the *Cape Argus* had 13 and *Die Burger* 15. Thus, the editorial focus seems to set the agenda only for the *Cape Times* in this particular case. It should also be noted that the G8 Conference in Germany – which placed climate change high on its agenda – took place during this time, and this could be why there are a large number of climate change cartoons in the daily newspapers overall.

Regarding cartoons linking in with and mirroring editorial coverage, it needs to be stated that the link is rather tenuous, since the cartoonists essentially follow their own agendas and are not bound to reflect the editorial content in the newspaper for which they produce their work. Rather, they have the freedom to comment on anything, including topics that are on the regional, national or international news agendas.

The weekend newspapers contain so few science-related cartoons that the only trend that can be observed is precisely that: they do not contain many cartoons about science. Any further interpretations would be pure speculation.

A trend that can, however, be noted across all six newspapers, is that there are no cartoons about animals or science and beliefs; an indication, perhaps, of how seriously these topics are viewed – or how unpopular the cartoonists would be if they were to satirise them. Thus, this trend can be explained by the existence of self-censorship among cartoonists, or by the fact that these topics are difficult to turn into cartoons, or even that these topics just weren't on the agenda as far as the cartoonists were concerned.

### **5.13. Science news by specialist science writers**

This section will examine the coverage of science news by the nine specialist science writers at the six newspapers monitored for this study – one from the *Cape Times*, two from the *Cape Argus* (who occasionally write for the *Saturday Argus* and the *Sunday Argus*) and six from *Die Burger* and the Saturday edition of *Die Burger*.

John Yeld (*Cape Argus* – environment and science) wrote the most editorial during June and July 2007, followed by Melanie Gosling (*Cape Times* – environment), Diana-Marié Strydom (*Die Burger* – health), Di Caelers (*Cape Argus* – health), Elsabé Brits (science – *Die Burger*), Jorisna Bonthuys (environment – *Die Burger*), Leon Louw (agriculture – *Die Burger*), Eugene Gunning (agriculture – *Die Burger*) and George Claassen (science – *Die Burger*).

The science category most covered by Gosling, Yeld, Brits, Bonthuys, Louw and Gunning was life sciences, while the category most covered by Caelers and Strydom was medicine and health, and the category most covered by Claassen was physical sciences.

This section also looks at the two science supplements that appear in the newspapers, namely the *Techno Times* (technology), which is published every Tuesday in the *Cape Times*, and *Landbou* (Agriculture), which appears every second Friday in *Die Burger*. *Landbou* is edited by Leon Louw, who also writes most of this supplement's agriculture news himself. Information about *Landbou* is included in

the section of this chapter dealing specifically with Louw's reporting.

The *Techno Times* is edited by Mike Stent. Because he does not write any articles himself, he is not classified as a specialist science writer in this study and is not included in Figure 90 below, which compares the number of articles written by the various journalists. However, a small section of this chapter examines the quantitative findings regarding the *Techno Times* because it forms such a substantial part of science coverage in the *Cape Times*.

It should be noted that *Die Burger* and the Saturday edition of *Die Burger* have the same editor (Henry Jeffreys) and that these newspapers are seen as a single entity. Thus, *Die Burger's* journalists tend to write equally for all editions from Monday to Saturday.

On the other hand, the *Saturday Argus* and the *Sunday Argus* (which have identical news teams) are seen as being distinct from the *Cape Argus*. They also have different editors: the *Cape Argus* is edited by Chris Whitfield, whereas the *Saturday Argus* and *Sunday Argus* are edited by Dave Chambers.

The science writers from the *Cape Argus* seldom provide the *Saturday Argus* and *Sunday Argus* (which have no science writers of their own) with editorial items, other than Caelers' health column. The *Cape Times*, which does not have a weekend version, is edited by Tyrone August.

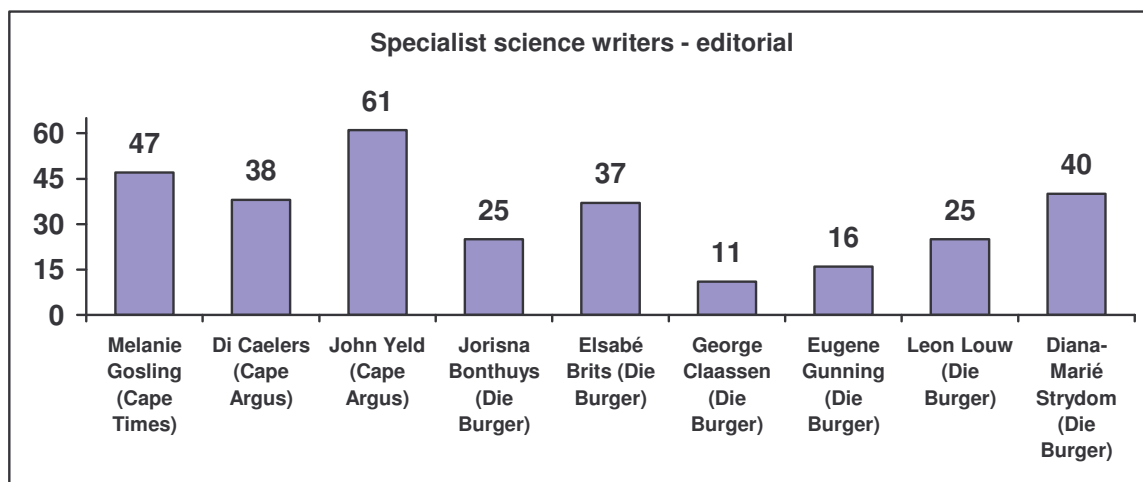
It is important to mention that four of the nine science writers were on leave for approximately a third of the time during which the newspapers were monitored (June and July 2007). Melanie Gosling (*Cape Times* – environment), Di Caelers (*Cape Argus* – health), Jorisna Bonthuys (*Die Burger* – environment) and Elsabé Brits (*Die Burger* – science) were away for two weeks or just more than two weeks, while Leon Louw (*Die Burger* – agriculture) was away for one week.

John Yeld (*Cape Argus* – environment and science), George Claassen (*Die Burger* – science), Eugene Gunning (*Die Burger* – agriculture) and Diana-Marié Strydom (*Die Burger* – health) did not take leave, although Gunning was required to cover more municipal matters than agriculture during this time. Mike Stent, who edits the *Techno Times* in the *Cape Times*, did not take leave either.

It would have been more ideal to have conducted the research during a period when none of the writers took leave, but this is a very difficult aspect to control or predict. In addition, all the newspapers which were monitored were affected by writers being on leave, so no single newspaper can be said to have been unfairly advantaged or disadvantaged by this situation.

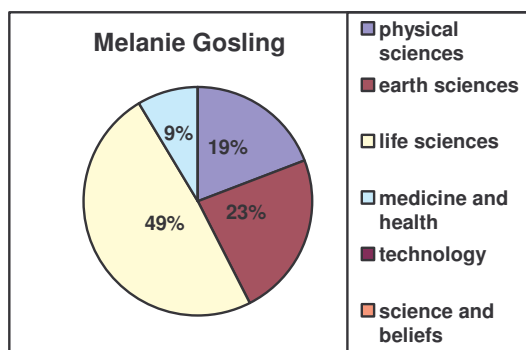
This section contains little interpretation because this aspect is dealt with in Chapter 6, which analyses the findings from the qualitative research, including the surveys and in-depth interviews.

The order in which the specialist science writers are discussed in this section is structured according to newspaper (from the paper with the fewest science writers to the paper with the most science writers). Within each newspaper, the order is alphabetical according to surname.

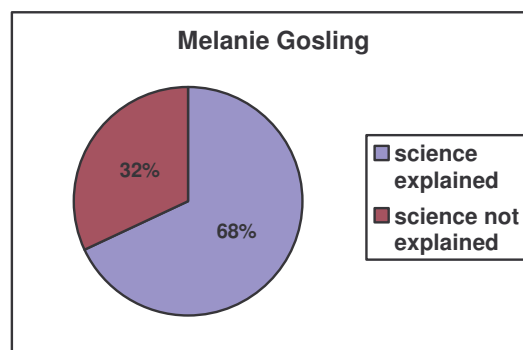


**Figure 90:** Total number of editorial items (articles and columns) by each of the specialist science writers between 1 June 2007 and 31 July 2007. Where the *Cape Argus* is listed, this also includes items for the *Saturday Argus* and *Sunday Argus*, and where *Die Burger* is mentioned, this also includes items for the Saturday edition of *Die Burger*.

#### 5.13.1. Melanie Gosling – environment writer for the *Cape Times*



**Figure 91:** Percentage of articles about the six science categories by Melanie Gosling in the *Cape Times* between 1 June 2007 and 31 July 2007.



**Figure 92:** Percentage of science editorial items (articles, columns and editorial comments) by Melanie Gosling in which the science is explained, in the *Cape Times* between 1 June 2007 and 31 July 2007.

Melanie Gosling wrote 47 items for the *Cape Times*, of 32 explain the science behind the story. All 47 are articles and there are no columns. Her articles represent 6% of the total science editorial in the *Cape Times* during the two months monitored.

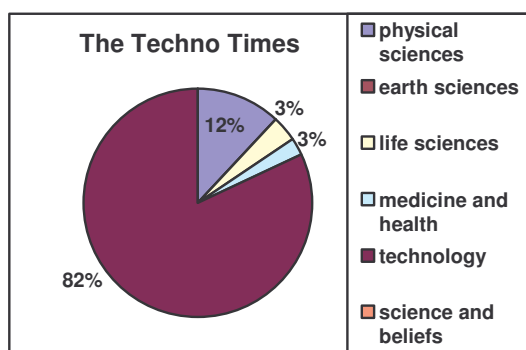
She wrote nine articles about physical sciences (all of which are about energy), 11 about earth sciences (four about climate change, three about meteorology, three about water, and one about palaeontology and archaeology), 23 about life sciences (three about agriculture, nine about animals, five about plants,

and six about environment and pollution) and four about medicine and health (one each about Aids, diseases and treatment, food and product safety, and other medicine and health).

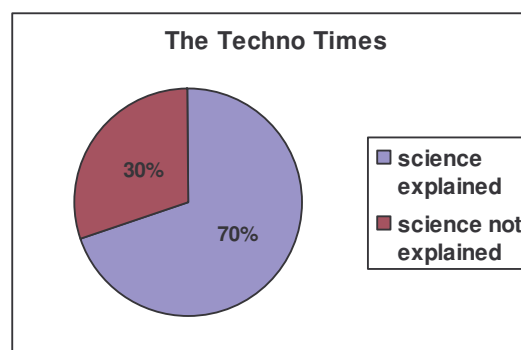
In summary, 49% of Gosling's articles for the *Cape Times* are about life sciences (of which 39% are about animals, 26% about environment and pollution, and 22% about plants), 23% about earth sciences (of which 36% are about climate change, 27% about meteorology and 27% about water), 19% about physical sciences (100% of which are about energy) and 9% about medicine and health. The science sub-categories about which she wrote the most articles are energy (nine articles) and animals (also nine).

Six of Gosling's articles are lead stories – three about physical sciences (two about nuclear energy and one about renewable energy), two about life sciences (agriculture) and one about earth sciences (meteorology). A total of 68% of her articles explain the science behind the story.

### 5.13.2. The *Techno Times* supplement in the *Cape Times* (edited by Mike Stent)



**Figure 93:** Percentage of science editorial items (articles and columns) about the six science categories in the *Techno Times* supplement in the *Cape Times* between 1 June 2007 and 31 July 2007.



**Figure 94:** Percentage of science editorial items (articles and columns) in the *Techno Times* supplement in which the science is explained, in the *Cape Times* between 1 June 2007 and 31 July 2007.

The *Techno Times* is a weekly supplement in the *Cape Times* which is published every Tuesday. It was only started at the beginning of June 2007 and thus this study monitored the first nine editions of this supplement. The *Techno Times* is edited by Mike Stent, who also edits the weekly Times Life supplement, also published on Tuesdays, which includes a regular gardening column and also featured a Health Watch column by specialist medical scientists for five consecutive weeks during the two months in which the newspapers were monitored. He also runs various other articles by guest science writers in the Times Life.

Since Stent does not write any articles for the *Techno Times*, there are no statistics for him. However, the statistics for the *Techno Times* have been quantitatively analysed, because it is one of only two supplements in all six newspapers which deal solely with science news, the other being *Die Burger's* agriculture supplement, *Landbou*.



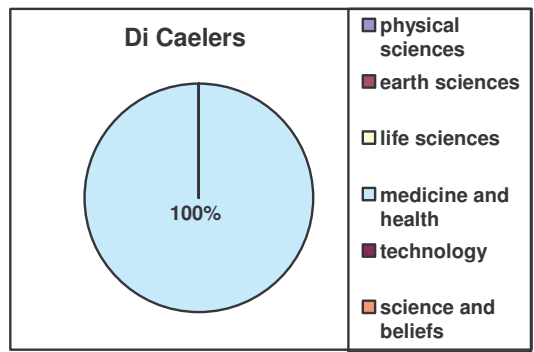
The nine editions of the *Techno Times* contain 117 items, including 116 editorial items (96 articles and 20 columns) and one stand-alone photograph. The 116 editorial items represent 15% of the total science editorial in the *Cape Times* during the two months monitored. These figures exclude articles about computer games, which (as outlined in Chapter 4) were not included in this study. The science is explained in 70% (81) of the 116 editorial items.

The items include 14 about physical sciences (six about astronomy, six about energy and two about physics), four about life sciences (three about agriculture and one about the environment and pollution), three about medicine and health (one about mental health and two about other medicine and health news) and 95 about technology (38 about internet and email, 22 about computers, 21 about other technological news and 14 about telecommunications).

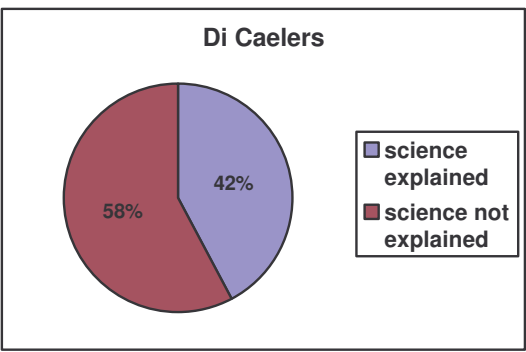
In summary, 12% of items in the *Techno Times* are about physical sciences, 3% about life sciences, 3% about medicine and health, and 82% about technology. The science sub-category about which the most editorial appeared in the *Techno Times* is internet and email (38 items).

Of the 116 editorial items about science in the *Techno Times*, 82% comes from news agencies (of which 39% is from Sapa and 37% is from a group of local freelancers who call themselves The Big Eyed Deer), 8% comes from foreign newspapers and 10% are editorial (three articles and nine editions of the Switched On column) written specifically for the *Cape Times*.

### 5.13.3. Di Caelers – health writer for the *Cape Argus*



**Figure 95:** Percentage of articles and columns about the six science categories by Di Caelers in the *Cape Argus*, *Saturday Argus* and *Sunday Argus* between 1 June 2007 and 31 July 2007.



**Figure 96:** Percentage of science editorial items (articles, columns and editorial comments) by Di Caelers in which the science is explained, in the *Cape Argus*, *Saturday Argus* and *Sunday Argus* between 1 June 2007 and 31 July 2007.

Di Caelers wrote 26 items for the *Cape Argus*, of which six explain the science behind the story. All 26 are articles and there are no columns. Her articles represent 5% of the total science editorial in the *Cape Argus* during the two months monitored. All the items are in the medicine and health category, with 14

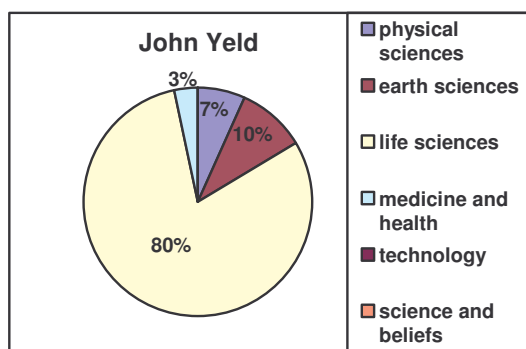
about Aids, two about diseases and treatment, three about healthcare administration, six about the hospital strike and one about nutrition.

Caelers also wrote nine items for the *Saturday Argus*, of which seven explain the science behind the story. Three are articles and six are columns. Her articles and columns represent 3% of the total science editorial in the *Saturday Argus*. All the items are in the medicine and health category (two each about nutrition and diseases and treatment, and one each about Aids, healthcare administration, the hospital strike, mental health and other medicine and health).

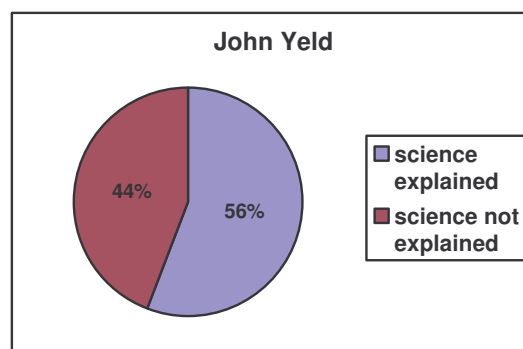
She also wrote three items for the *Sunday Argus*, all of which explain the science behind the story. All three are columns and there are no articles. Her columns represent 1% of the total science editorial in the *Sunday Argus*. All the items are in the medicine and health category, with one about Aids and two about diseases and treatment.

In summary, 100% of Caelers' 38 articles and columns for the *Cape Argus*, *Saturday Argus* and *Sunday Argus* are about medicine and health, of which 42% are about Aids, 18% about the hospital strike, 16% about diseases and treatment, and 11% about healthcare administration. The science sub-categories about which she wrote the most articles and columns are Aids (16) and the hospital strike (seven). None of Caelers' articles are lead stories. A total of 42% of her articles and columns explain the science behind the story.

#### 5.13.4. John Yeld – environment and science writer for the *Cape Argus*



**Figure 97:** Percentage of articles and columns about the six science categories by John Yeld in the *Cape Argus* and *Saturday Argus* between 1 June 2007 and 31 July 2007.



**Figure 98:** Percentage of science editorial items (articles, columns and editorial comments) by John Yeld in which the science is explained, in the *Cape Argus* and *Saturday Argus* between 1 June 2007 and 31 July 2007.

John Yeld wrote 60 items for the *Cape Argus*, of which 33 explain the science behind the story. All 60 are articles and there are no columns. His articles represent 11% of the total science editorial in the *Cape Argus* during the two months monitored. He wrote four articles about physical sciences (three about

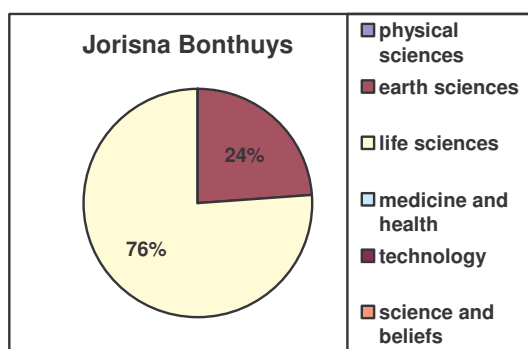
energy and one about astronomy), five articles about earth sciences (two about water and one each about climate change, meteorology, and palaeontology and archaeology), 49 about life sciences (25 about environment and pollution, 21 about animals and three about plants) and two about medicine and health (one each about Aids and mental health).

Yeld wrote one article for the *Saturday Argus* (about earth sciences – climate change), which explains the science behind the story, and no columns. His article represents less than half a percent of the total science editorial in the *Saturday Argus*. He did not write for the *Sunday Argus*.

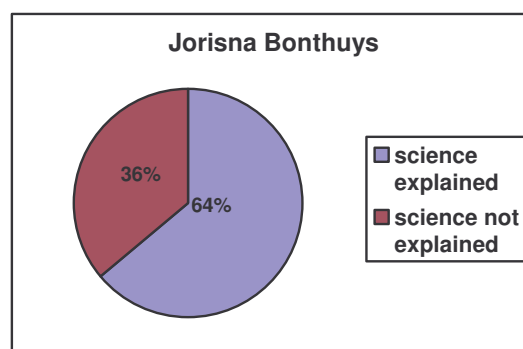
In summary, 80% of his 61 articles for the *Cape Argus* and *Saturday Argus* are about life sciences (51% about the environment and pollution, and 43% about animals), 10% about earth sciences (33% of which are about climate change and 33% about water), 7% about physical sciences (75% of which are about energy) and 3% about medicine and health.

The science sub-categories about which he wrote the most articles are the environment and pollution (25) and animals (21). None of Yeld's articles are lead stories. A total of 56% of his articles explain the science.

#### 5.13.5. Jorisna Bonthuys – environment writer for *Die Burger* (including Saturday)



**Figure 99:** Percentage of articles and columns about the six science categories by Jorisna Bonthuys in *Die Burger* and the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.



**Figure 100:** Percentage of science editorial items (articles, columns and editorial comments) by Jorisna Bonthuys in *Die Burger* and the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.

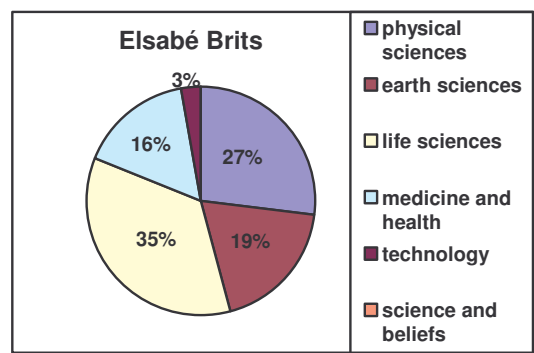
Jorisna Bonthuys wrote 23 items for *Die Burger*, of which 15 explain the science behind the story. All 23 items are articles and there are no columns. Her articles represent 4% of the total science editorial in *Die Burger* during the two months monitored. Seventeen articles are about life sciences (13 about environment and pollution, two about animals and two about plants) and six articles were about earth sciences (three about climate change, two about water and one about palaeontology and archaeology).

She also wrote two items for the Saturday edition of *Die Burger*, of which one explains the science behind

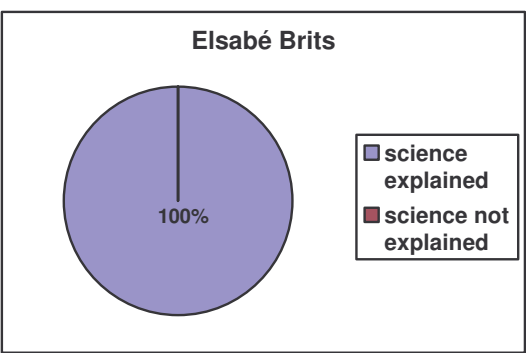
the story. Both items are articles and there are no columns. Her articles represent 1% of the total science editorial in the Saturday edition of *Die Burger*. Both are about life sciences (environment and pollution).

In summary, 76% of Bonthuys’s 25 articles are about life sciences (of which 68% are about the environment and pollution) and 24% about earth sciences (of which 50% are about climate change). The science sub-categories about which she wrote the most articles are the environment and pollution (15) and climate change (three). None of Bonthuys’s articles are lead stories. A total of 64% of her articles explain the science behind the story.

**5.13.6. Elsabé Brits – science writer for *Die Burger* (including Saturday)**



**Figure 101:** Percentage of articles and columns about the six science categories by Elsabé Brits in *Die Burger* and the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.



**Figure 102:** Percentage of science editorial items (articles, columns and editorial comments) by Elsabé Brits in *Die Burger* and the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.

Elsabé Brits wrote 21 items for *Die Burger*, all of which explain the science behind the story. All 21 items are articles and there are no columns. Her articles represent 3% of the total science editorial in *Die Burger* during the two months monitored. Six of her articles are about physical sciences (all about astronomy), four about earth sciences (all about palaeontology and archaeology), nine about life sciences (four about evolution, three about genetics and two about animals) and two about medicine and health (one each about Aids and mental health).

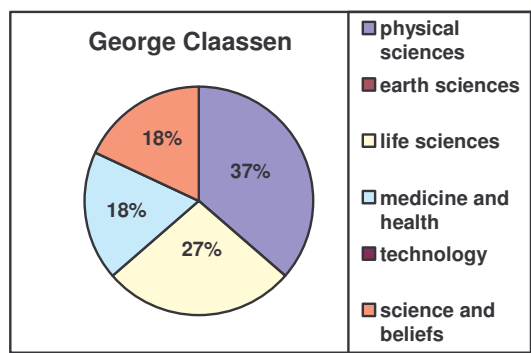
She also wrote 16 items for the Saturday edition of *Die Burger*, all of which explain the science behind the story. All 16 items are articles and there are no columns. Her articles represent 6% of the total science editorial in the Saturday edition of *Die Burger*.

Four of her articles are about physical sciences (three about astronomy and one about chemistry), three about earth sciences (two about climate change and one about water), four about life sciences (one about animals and three about genetics), four about medicine and health (three about nutrition and one about mental health) and one about technology (other).

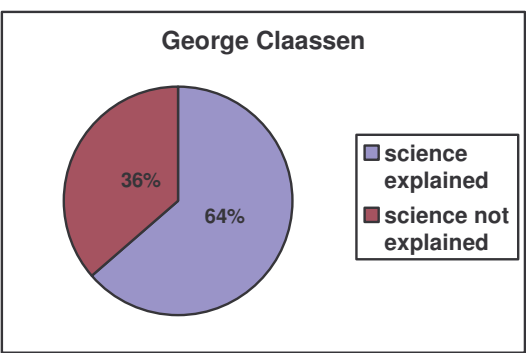
In summary, 35% of Brits’s 37 articles for *Die Burger* and the Saturday edition of *Die Burger* are about life sciences (46% of which are about genetics), 27% about physical sciences (90% of which are about astronomy), 19% about earth sciences (57% of which are about palaeontology and archaeology), 16% about medicine and health (50% of which are about nutrition), and 3% about technology.

The science sub-categories about which she wrote the most articles are astronomy (9) and genetics (6). None of Brits’s articles are lead stories, but she is the only specialist science writer to explain the science behind the story in every single one of her articles.

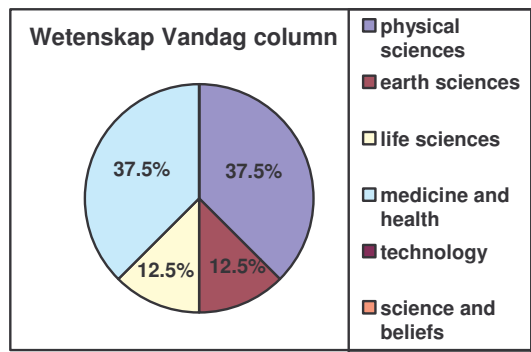
**5.13.7. George Claassen – science writer for *Die Burger* (including Saturday)**



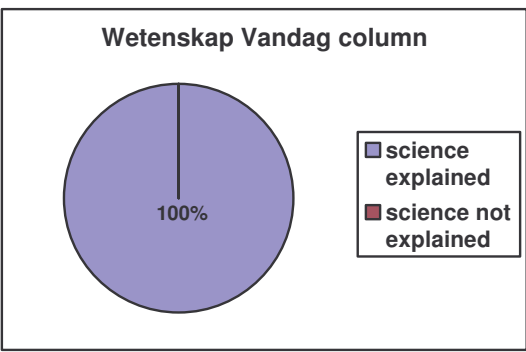
**Figure 103:** Percentage of articles and columns about the six science categories by George Claassen in *Die Burger* and the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.



**Figure 104:** Percentage of science editorial items (articles, columns and editorial comments) by George Claassen in *Die Burger* and the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.



**Figure 105:** Percentage of articles and columns about the six science categories in George Claassen’s Wetenskap Vandag (Science Today) column in the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.



**Figure 106:** Percentage of science editorial items (articles, columns and editorial comments) in George Claassen’s Wetenskap Vandag (Science Today) column in the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.

George Claassen wrote seven editorial items about science for *Die Burger*, of which five explain the science behind the story. All items are columns and there are no articles. His columns represent 1% of the total science editorial in *Die Burger* during the two months monitored.

Two columns are about physical sciences (mathematics), one about life sciences (agriculture), two about medicine and health (one about diseases and treatment, and one about other medicine and health) and two about science and beliefs (one about science and religion, and one about pseudoscience and superstitions).

He also wrote four items for the Saturday edition of *Die Burger*, of which two explain the science behind the story. All items are columns and there are no articles. His columns represent 2% of the total science editorial in the Saturday edition of *Die Burger*. Two columns are about physical sciences (mathematics) and two about life sciences (plants).

In summary, 37% of Claassen's 11 columns for *Die Burger* and the Saturday edition of *Die Burger* are about physical sciences (all of which are about mathematics) and 27% are about life sciences (two thirds about plants and one third about agriculture). The science sub-categories about which he wrote the most columns are mathematics (four) and plants (two).

He explains the science behind the story in seven of the 11 columns (64%). If one examines this statistic further, one finds that he explains the science in 57% of the seven short "Dit is die feite" correction columns, which serve as a matter of record, whereas he explains the science in 75% of the four Ombudsman columns, which are longer and more in-depth.

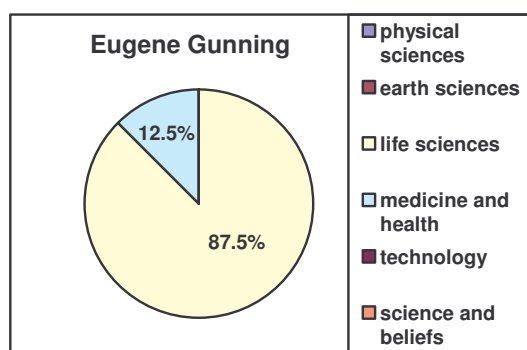
Claassen also writes other science articles for *Die Burger* and the Saturday edition of *Die Burger*, although none of these appeared during the two months during which the newspapers were monitored. In addition, he is the editor of the Wetenskap Vandag (Science Today) column in the Saturday edition of *Die Burger*.

This column, which features the writings of guest scientists from various fields, is the only regular column dealing with pure science in all the Cape Town newspapers. Its contributors during the period monitored were Professor Hendrik Geyer (theoretical physics), Marinus Wijnbeek (genetics; nanotechnology), Dr Jurie van den Heever (palaeontology), Leon Retief (psychology; narcotics) and Mari Hudson (nutrition).

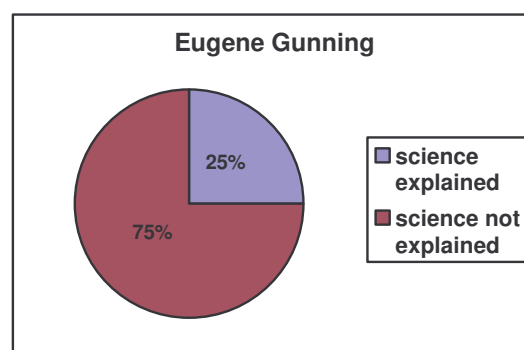
All eight of these guest science columns during the period monitored explain the science behind the story. These columns represent 3% of the total science coverage in the Saturday edition of *Die Burger* during this period. Three columns are about physical sciences (two about physics and one about astronomy), three are about medicine and health (one each about mental health, nutrition and nanotechnology), one about earth sciences (palaeontology and archaeology) and one about life sciences (genetics).

The science sub-category about which the most columns are written is physics (two).

### 5.13.8. Eugene Gunning – agriculture writer for *Die Burger* (including Saturday)



**Figure 107:** Percentage of articles and columns about the six science categories by Eugene Gunning in *Die Burger* and the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.



**Figure 108:** Percentage of science editorial items (articles, columns and editorial comments) by Eugene Gunning in *Die Burger* and the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.

Eugene Gunning wrote 11 items for *Die Burger*, of which three explain the science behind the story. All items are articles and there are no columns. His articles represent 2% of the total science editorial in *Die Burger* during the two months monitored.

He wrote nine articles about life sciences (eight about agriculture and one about environment and pollution) and two about medicine and health (one about the hospital strike and one about other medicine and health news).

He also wrote five items for the Saturday edition of *Die Burger*, of which one explains the science behind the story. All items are articles and there are no columns.

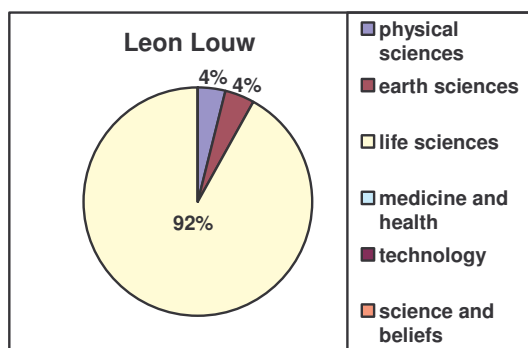
His articles represent 2% of the total science editorial in the Saturday edition of *Die Burger*. All five articles are about life sciences (four about agriculture and one about environment and pollution).

In summary, Gunning wrote relatively little for *Die Burger* and the Saturday edition of *Die Burger* over the two months monitored. It should, however, be remembered that he is not solely an agriculture writer, but covers municipal and other matters as well.

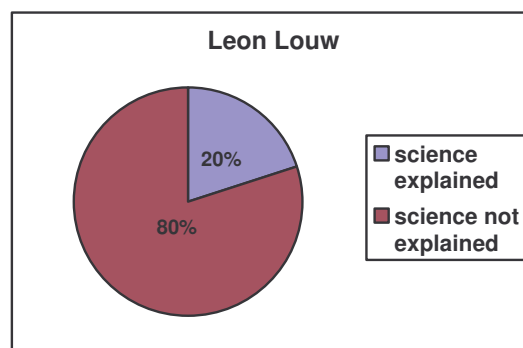
Three quarters of his 16 articles are about agriculture and a quarter of his articles explain the science behind the story. The science sub-categories about which he wrote the most articles were agriculture (12) and the environment and pollution (two).

Gunning's only lead article (in *Die Burger*) was not about agriculture, but about the hospital strike.

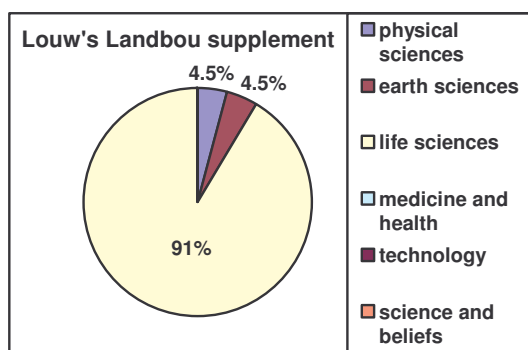
### 5.13.9. Leon Louw – agriculture editor at *Die Burger* and its *Landbou* supplement



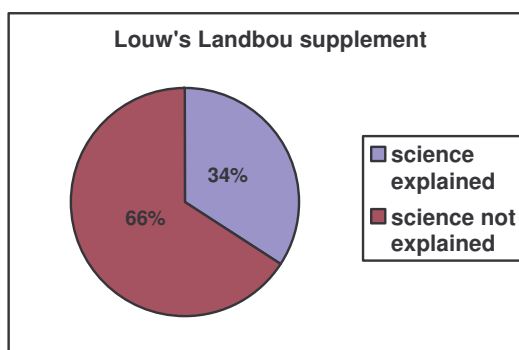
**Figure 109:** Percentage of science editorial (articles and columns) about the six science categories by Leon Louw in *Die Burger* between 1 June 2007 and 31 July 2007.



**Figure 110:** Percentage of science editorial (articles and columns) by Leon Louw in *Die Burger* and the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.



**Figure 111:** Percentage of science editorial (articles and columns) about the six science categories in Leon Louw's *Landbou* (Agriculture) supplement, published every second Friday in *Die Burger* between 1 June 2007 and 31 July 2007.



**Figure 112:** Percentage of science editorial (articles and columns) in which the science is explained in Leon Louw's *Landbou* (Agriculture) supplement, published every second Friday in *Die Burger* between 1 June 2007 and 31 July 2007.

Leon Louw is the editor of agricultural affairs at *Die Burger* and also the editor of the *Landbou* (Agriculture) supplement, which is published in *Die Burger* every second Friday. Louw not only edits *Landbou*, but also writes for it. Four editions were published during the two months in which the newspapers were monitored, namely two editions in June and two in July.

During these two months, Louw contributed 27 items to *Die Burger's Landbou* supplement. These items include 25 editorial items (21 articles and four columns) and two stand-alone photographs. Of the editorial items, 23 are in the life sciences (agriculture) category, one is in the physical sciences (mathematics)



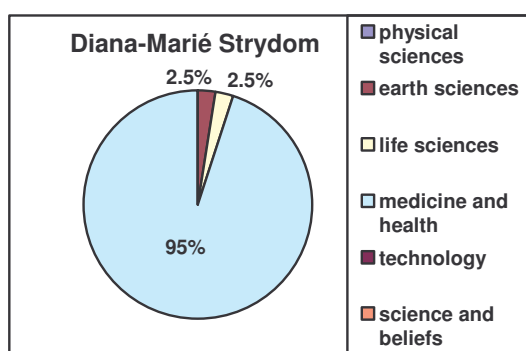
category and one in earth sciences (climate change). The science is explained in 20% of the editorial.

Louw's byline appeared only on his four columns for the *Landboudagboek* (Agriculture Diary). During an in-depth interview, Louw pointed out that a further 21 editorial items and two stand-alone photographs (which did not have his byline) had also been written by him. His 25 editorial items represent 4% of the total science editorial in *Die Burger* during the two months monitored. Louw did not write any articles or columns for main pages of *Die Burger* or its Saturday edition. None of his columns are lead stories.

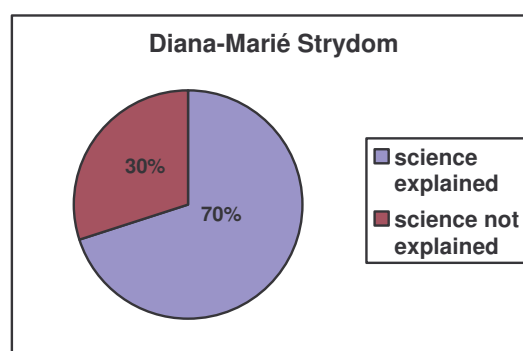
As editor of the *Landbou* supplement, Louw edited a total of 79 items (including his own 27 items). The items, which include nine stand-alone photographs and 70 editorial items (60 articles and 10 columns), including 64 about life sciences, three about physical sciences and three about earth sciences, represent 11% of the total science editorial in *Die Burger*. The science behind the story is explained in 24 editorial items (30% of the science editorial). The items in *Landbou* include 73 about life sciences (72 about agriculture and one about wildlife), three items about physical sciences (one each about mathematics, energy and chemistry) and three about earth sciences (two about climate change and one about water). The 72 items about agriculture include nine photographs and 63 articles and columns.

Interestingly, the proportional coverage of the various science categories in editorial items by Louw himself and in *Landbou* as a whole is identical. This appears to be due to the fact that Louw does not only write about agriculture; he also edits the entire supplement and is thus likely to apply the same standards of newsworthiness when making decisions about editorial from news agencies as he does for material that he has written himself. However, the articles and columns from news agencies and scientists (which he edits) contain more explanations about the science than Louw's own articles and columns do.

#### 5.13.10. Diana-Marié Strydom – health writer for *Die Burger* (including Saturday)



**Figure 113:** Percentage of articles and columns about the six science categories by Diana-Marié Strydom in *Die Burger* and the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.



**Figure 114:** Percentage of science editorial items (articles, columns and editorial comments) by Diana-Marié Strydom in *Die Burger* and the Saturday edition of *Die Burger* between 1 June 2007 and 31 July 2007.

Diana-Marié Strydom wrote 32 items for *Die Burger*, of which 22 explain the science behind the story. All items are articles and there are no columns. Her articles represent 5% of the total science editorial in *Die Burger* during the two months monitored.

One article is about earth sciences (meteorology) and one about life sciences (agriculture), while 30 are about medicine and health (10 about the hospital strike, eight about Aids, seven about healthcare administration, two about diseases and treatment, two about food and product safety, and one about nutrition).

She also wrote eight items for the Saturday edition of *Die Burger*, of which six explain the science behind the story. All items are articles and there are no columns. Her articles represent 3% of the total science editorial in the Saturday edition of *Die Burger*. All articles are about medicine and health (three about Aids, two about healthcare administration, two about the hospital strike and one about mental health).

In summary, 94% of Strydom's 40 articles for *Die Burger* and the Saturday edition of *Die Burger* are about medicine and health, of which almost a third are about the hospital strike and almost a third about Aids. The science sub-categories about which she wrote the most articles are the hospital strike (12) and Aids (11). None of Strydom's articles are lead stories. A total of 70% of her articles explain the science behind the story.

## 5.14. Conclusion

This chapter provided an overview of the quantitative research findings of this study, divided into two categories (daily newspapers and weekend newspapers), in order to provide a fair comparison of the publications.

The aspects it covered were total items; editorial amounts; editorial length; editorial categories; science explained; editorial by scientists; news agencies; South African editorial; placing of editorial; letters; photographs; and cartoons. It also described the quantitative research findings relating to the editorial produced by the specialist science writers.

The information in this chapter (the outcome of the first exploratory study of its kind in Cape Town) provides not only a sweeping (yet comprehensive) factual synopsis of the state of science reporting in the six newspapers; it also provides ample evidence for the study's problem statement, namely that science news is covered very differently by the six newspapers.

It should be noted that although the coverage is very different overall (and also in most specific areas), there are in fact some areas where the coverage is very similar, such as the predominant focus on life sciences and medicine and health in all six of the newspapers. While this discrepancy does not detract from the findings and the confirmation of the problem statement, it does provide a topic for further research.

## 6. Qualitative research findings and interpretation

The previous chapter provided a great deal of detailed information describing the exploratory research findings. While this data may be beneficial for the newspapers involved and valuable as a foundation for future research, it is, however, essential to interpret and analyse the information from the quantitative research findings in order to come to a better understanding of how Cape Town newspapers cover science news and why the coverage differs from newspaper to newspaper.

### 6.1. Introduction

The initial phase of interpretation was summarising the findings from the quantitative research. These summaries are presented below, as general synopses of the statistical proof (provided in Chapter 5) which confirms the study's problem statement, namely that the six newspapers each cover science news very differently.

The summaries are followed by an in-depth analysis which draws from the survey questionnaires and interviews with the specialist science writers, and is based on the theoretical framework of the gatekeeping model. As former *Washington Post* science writer and editor Boyce Rensberger says (1997: 7):

Newspaper writers are what the academics call gatekeepers, people whose jobs allow them to decide what developments in the real world get into the news, and hence reach the public.

This analysis is intended to shed light on the quantitative research findings, as elucidated in Chapter 5, and to answer the seminal question derived from the thesis of this study: "What factors related to the specialist science writers determine the coverage of science news in their newspapers?"

It should be noted that this chapter seeks to provide understanding through its analysis, but in no way seeks to judge which newspaper's coverage or which writer's approach is better. It simply aims to present the gamut of views and beliefs held by the science writers at Cape Town's main newspapers, and to link this information to the statistics from Chapter 5 in an attempt to discover more about why the news coverage is the way it is.

In addition, this chapter does not postulate that the factors mentioned herein are the only factors which influence science coverage. Indeed, many other factors also determine news selection, but this study aims to focus solely on the specific role of the science writers.

### 6.2. Summary of findings

#### 6.2.1. Daily newspapers: The *Cape Argus*

The *Cape Argus* contains the least number of science items, science editorial, science articles, science columns and science editorial comments of the daily papers. It also contains the least number of lines of

editorial about science. The science categories it covers most are life sciences and medicine and health. It contains the smallest percentage of editorial in which the science is explained and the smallest percentage of science editorial written by scientists. It contains the fewest lead stories about science and the least amount of science editorial in supplements. The science category most covered by letters, stand-alone photographs and cartoons is life sciences. It contains the fewest science stand-alone photographs and the fewest science stand-alone photographs by its own photographers.

*A picture emerges of a newspaper which contains the least science news of all the Cape Town daily papers. Its science news is primarily about life sciences and medicine and health, and does not often explain the science behind the news. It does not often use stand-alone photographs about science. Di Caelers' health articles and columns represent 5% of the total science coverage in the Cape Argus during the two months in which the newspapers were monitored, while John Yeld's environment and science articles represent 11%.*

### **6.2.2. Daily newspapers: The Cape Times**

The *Cape Times* contains the most science items, science editorial and science articles of the daily papers. It contains the greatest number of lines of editorial about science, but has the shortest average editorial pieces. The science categories it covers most are medicine and health and life sciences. Of all the daily papers, it contains the most editorial about physical sciences, earth sciences, medicine and health, and technology. It contains the greatest percentage of science editorial from news agencies and the smallest percentage of science editorial about South Africa. It has the most lead stories about science and the greatest amount of science editorial on pages 1 to 10 of the newspaper. It contains the most science letters and the most letters from scientists. The science category most covered by letters, stand-alone photographs and cartoons is life sciences. It contains the most science stand-alone photographs by its own photographers and the most science cartoons.

*A picture emerges of a newspaper which contains the most science news of all the Cape Town daily papers. Its articles tend to be short and are mainly about medicine and health and life sciences. Its articles mainly tend to be overseas news from the news agencies. It contains the most science letters of the daily papers. Melanie Gosling's environmental articles form 6% of the total science editorial in the Cape Times during the two months in which the newspapers were monitored.*

### **6.2.3. Daily newspapers: Die Burger**

*Die Burger* contains the most science columns and science editorial comments of the daily papers. It contains the longest average editorial pieces. The science categories it covers most are life sciences and medicine and health. Of all the daily papers, it contains the most editorial about life sciences and science and beliefs. It contains the greatest percentage of editorial in which the science is explained and the greatest percentage of science editorial written by scientists. It contains the smallest percentage of science editorial from news agencies, but the greatest percentage of science editorial about South Africa.

It contains the least amount of science editorial on pages 1 to 10 of the newspaper, but the most amount in supplements. It contains the fewest science letters and the fewest letters from scientists. The science category most covered by letters, stand-alone photographs and cartoons in *Die Burger* is life sciences. *Die Burger* contains the most science stand-alone photographs, but the fewest science cartoons.

*A picture emerges of a newspaper which contains long science articles, predominantly about life sciences and medicine and health. It contains more scientific explanations and editorial written by scientists than the other daily papers do. It mainly covers local news and uses its own journalists (instead of news agencies). Elsabé Brits' science articles represent 3% of the total science coverage in Die Burger during the two months in which the newspapers were monitored, with Jorisna Bonthuys's environmental articles at 4%, Diana-Marié Strydom's health articles at 5%, Leon Louw's agriculture articles at 4%, Eugene Gunning's agriculture articles at 2% and George Claassen's science editorial at 1%.*

#### **6.2.4. Weekend newspapers: The *Saturday Argus***

The *Saturday Argus* contains the most science items, science editorial and science articles of the weekend papers, but the fewest science columns and science editorial comments. It contains the greatest number of lines of editorial and the longest average editorial pieces. The science categories it covers most are medicine and health, and life sciences. Of all the weekend papers, it contains the most editorial about life sciences and medicine and health. It contains the greatest percentage of editorial in which the science is explained and the greatest percentage of science editorial from news agencies. It contains the least science editorial on pages 1 to 10 of the newspaper. It contains the fewest science letters from scientists. The science category most covered in letters and stand-alone photographs is life sciences. It contains the fewest science stand-alone photographs, but the most science stand-alone photographs by its own photographers. It contains the most science cartoons. The science categories most covered by cartoons are life sciences, medicine and health, and physical sciences equally.

*A picture emerges of a newspaper which contains the most science news of the Cape Town weekend papers. Its articles tend to be long and are predominantly about medicine and health and life sciences. It contains more scientific explanations and science news from news agencies than the other weekend papers do. Di Caelers' health articles represent 3% of the science coverage in the Saturday Argus during the two months in which the newspapers were monitored, while John Yeld's environment and science articles represent less than half a percent.*

#### **6.2.5. Weekend newspapers: The *Sunday Argus***

The *Sunday Argus* contains the fewest science items of the weekend papers. The science categories it covers most are medicine and health, and life sciences. Of all the weekend papers, it contains the most editorial about technology. It contains the smallest percentage of science editorial written by scientists and the smallest percentage of science editorial about South Africa. It contains the fewest lead stories about science, but the most science editorial on pages 1 to 10 of the newspaper, and the least science

editorial in supplements. It contains the fewest science letters. The science category most covered in letters and stand-alone photographs is life sciences. It contains the fewest science cartoons.

*A picture emerges of a newspaper which contains the least science news of all the weekend papers. Its articles are mainly about medicine and health and life sciences. It contains the fewest articles written by scientists and the fewest science letters of the weekend papers. Its articles mostly tend to be overseas news. Di Caelers' health articles represent 1% of the total science coverage in the Sunday Argus during the two months in which the newspapers were monitored.*

#### **6.2.6. Weekend newspapers: The Saturday edition of *Die Burger***

The Saturday edition of *Die Burger* contains the least science editorial and the fewest science articles of the weekend papers, but it contains the most science columns and science editorial comments. It contains the least number of lines of editorial and the shortest average editorial pieces. The science categories it covers most are medicine and health and life sciences. Of all the weekend papers, it contains the most editorial about physical sciences, earth sciences, and science and beliefs. It contains the smallest percentage of editorial in which the science is explained, but the greatest percentage of science editorial written by scientists. It contains the smallest percentage of science editorial from news agencies, but the greatest percentage of science editorial about South Africa. It contains the most lead stories about science and the most science editorial in supplements. It contains the most science letters and the most science letters from scientists. The science category most covered in letters is science and beliefs. It contains the most science stand-alone photographs, but the fewest science stand-alone photographs by its own photographers. The science category most covered by stand-alone photographs in the Saturday edition of *Die Burger* is life sciences, while the science category most covered by cartoons is earth sciences.

*A picture emerges of a newspaper with more editorial written by scientists and more science letters (mainly about science and beliefs) than the other Cape Town weekend papers. It predominantly covers medicine and health and life sciences. It mainly uses its own journalists and covers mostly local news. Elsabé Brits' science articles represent 6% of the total science coverage in the Saturday edition of Die Burger, with Diana-Marié Strydom's health articles at 3%, Eugene Gunning's agriculture articles at 2%, George Claassen's science editorial at 2% and Jorisna Bonthuys's environmental articles at 1%.*

### **6.3. Background to the qualitative interpretation**

This segment of the research consisted of surveys (questionnaires) and in-depth interviews conducted with eight of the nine specialist science writers who are employed by the six newspapers monitored in this study.

The group of eight specialist science writers comprised one from the *Cape Times* (Melanie Gosling – environment writer), two from the *Cape Argus* who occasionally write for the *Saturday Argus* and the *Sunday Argus* (John Yeld – environment and science writer, and Di Caelers – health writer) and five from

*Die Burger* and the Saturday edition of *Die Burger* (Elsabé Brits – science writer, Jorisna Bonthuys – environment writer, Diana-Marié Strydom – health writer, Leon Louw – agriculture, and Eugene Gunning – agriculture writer). Because Eugene Gunning focuses more on municipal than agriculture reporting, he is quoted less than the other journalists, who all write exclusively about science.

As explained in Chapter 4, the only science writer who was not included in the qualitative research was George Claassen, a senior deputy editor and ombudsman at *Die Burger* who was responsible for setting up this newspaper's science desk. Although information about the columns he writes and edits is included in the quantitative research findings chapter (Chapter 5), Claassen was not included in the qualitative research because he is part of *Die Burger's* senior editorial team and thus it would have been unfair to compare him with all the other science writers, who are journalists and not editors. In addition, Claassen is the supervisor of this study and therefore interviewing him would have entailed a conflict of interests.

Mike Stent, who edits the *Techno Times* supplement in the *Cape Times*, is not a science writer (and was therefore not included in the tally of science writers in this study). However, he was included in certain sections of the qualitative research so that more light could be shed on this technology supplement, which was only started in June 2007.

It is notable that although science has traditionally been seen as a “male profession”, five of the nine specialist science writers in Cape Town are women.

This chapter builds on and is informed by the previous chapter, namely the findings of the quantitative research, which was a comprehensive exploratory study conducted in order to provide statistical evidence for the study's problem statement, namely that science news is covered very differently by the six newspapers.

This chapter has a different (albeit related) aim – to address the study's thesis, which postulates that the individual science writers' education, knowledge, interests, beliefs about science, attitudes towards their reporting and interactions with editors within the newspaper structures influence the coverage of science news in their newspapers.

In summary, if the central question of the previous chapter was “what?”, then the central question of this chapter is “why?”

The fundamental tenets of the gatekeeping model (within the umbrella of the administration paradigm and the functionalist approach) are employed in this chapter to explain and interpret *why* the science news is covered so differently in the six newspapers. In other words, what internal and external factors compel the gatekeepers (in other words, the specialist science writers) to decide which science news to allow through the numerous “gates” which exist between the event and the publication of the newspaper?

As explained in Chapter 3, the gatekeeping process is the movement of news from the original event, through the journalist and then through the editing and layout process, until it finally appears as an article

in the newspaper. This is a greatly simplified version of the process, which is neither completely linear nor chronological, but contains movement back and forth through the standard gates, and even through additional gates which are specific to particular pieces of news.

After discussing and analysing the various gatekeeping factors through qualitative interpretation and analysis, this chapter will re-examine and assess the study's four research hypotheses / predictions (as delineated in Chapter 1) which flow from the study's problem statement and thesis:

- How specialist science reporters define and delineate the concept of science has a significant bearing on the amount and range of science news in their newspapers;
- Specialist science reporters do not cover all science topics equally; they cover areas of personal interest and / or areas where they are knowledgeable and / or areas which they believe to be of importance;
- Newspapers with specialist science reporters contain more science news and also a wider range of science news than newspapers without specialist science reporters; and
- Specialist science reporters who have editors who believe in the importance of science coverage will generate more science news and also a wider range of science news than specialist science reporters who do not have editors who believe in the importance of science coverage.

This chapter will conclude with an assessment of these research hypotheses / predictions, bearing in mind Maxwell's caution that (1996: 54):

The main drawback of explicitly formulating hypotheses is that ... they can act as blinders, preventing you from seeing what's going on ... you need to treat these hypotheses carefully ...

Finally, it should be noted that this chapter concentrates predominantly on the daily newspapers for the sake of fairness, because only *Die Burger's* writers wrote consistently for the Saturday edition of their newspaper, while the *Cape Times* does not have a Saturday edition and the *Cape Argus* reporters did not write many articles for the *Saturday Argus* and *Sunday Argus*.

However, where amounts or percentages relating to the writers' articles are given, then they will always include all the articles written, whether for the daily or weekend newspapers.

## **6.4. Gatekeeping factors**

Eleven "gatekeeping factors" (which impact the gatekeeping process and thus determine the science news that appears in the newspapers) relating to the specialist science writers will be explored in this chapter, namely:



- Their formal education;
- Their career paths;
- Their definition of science;
- Their interest in the various scientific fields;
- Their approach to their beat as part of the science beat;
- Which science debates they see as important;
- Why they see science reporting as important;
- Their perceptions of what their newspaper covers;
- The challenges they have in dealing with the public;
- The challenges they have in dealing with scientists; and
- The challenges they have in dealing with their editors and fellow journalists.

This analysis will only explore the gatekeeping factors listed above. Although there are many other factors worthy of investigation, they are beyond the scope of this study, which seeks to understand the specific role that the science writers play within the news production process.

#### **6.4.1. How does the journalists' formal education affect their gatekeeping role?**

The first gatekeeping factor which will be examined is that of formal education. This is a broad influence on the gatekeeping process, because it determines not only day-to-day decisions regarding what types of news to include or exclude, but also what fields of science are incorporated into the writers' beats.

All eight of the specialist science writers who were interviewed took at least one science subject for matric, and every single writer is now in a beat which is linked to those subjects. For example, both the health writers took (at least) biology, both the science writers took (at least) science and mathematics, and one of the agriculture reporters took agriculture as a matric subject. This could indicate that a longstanding familiarity with these specific fields of science makes it more likely that the writers will include them in their beats.

All the science writers have some form of tertiary education. Gosling has journalism and science training; Caelers, Bonthuys, Brits and Strydom have only journalism training (although Bonthuys, Brits and Strydom had a measure of science reporting training as part of their journalism education); Yeld has only science training; and the agriculture writers, Louw and Gunning, have neither journalism nor science

training at a tertiary level.

Interestingly, Gosling, who is the only writer with both journalism and science training, does not consider herself to be a science reporter, while those who have only journalism training (Caelers, Bonthuys, Brits and Strydom) and those who have only science training (Yeld) consider themselves to be science writers.

Details of the writers' school and tertiary education are outlined below, and are examined in light of what types of science news each writer covered during the two months of this study. It should be noted that it is only the writers' own contributions which are considered in this section, and not the science coverage in each newspaper as a whole.

Gosling (*Cape Times* – environment) did biology at Pinelands High in Cape Town. She has both journalism and science training. She did a BA (English and Archaeology) at the University of Cape Town (UCT), an Honours Degree in Journalism at the University of Stellenbosch (US) and a Masters Degree in Environmental Studies (with distinction) at UCT. The Honours Degree in Journalism did not include any science reporting components. The Masters Degree in Environmental Studies included environmental impact assessment, social environmental assessment, climatology, earth science, environmental ethics, environmental economics, urban geography and statistics. She recently became a Nieman Fellow at Harvard University, where she is studying various courses relating to environmental journalism.

Gosling's articles in the *Cape Times* during the two months monitored were 49% about life sciences (including animals, environment and pollution, and plants), 23% about earth sciences (including climate change, meteorology and water), 19% about physical sciences (all about energy) and 9% about medicine and health. Thus, it seems that she covers news (life sciences and earth sciences) which is related to her matric biology and her Masters Degree in Environmental Studies. However, it appears that her archaeology education did not have as great an impact, as she only covered one archaeology story during the two months monitored.

Caelers (*Cape Argus* – health) did biology and mathematics at Pinetown Convent in Durban. She has journalism training but no science training. She did a Diploma in Journalism at Natal Technikon. This did not include any science reporting components.

Caelers' articles and columns in the *Cape Argus* during the two months monitored were 100% about medicine and health (including Aids, the hospital strike, diseases and treatment, and healthcare administration). This links in strongly with her matric biology, although it should be noted that her interest in medicine and health only developed many years after matric (Caelers, 2007).

Yeld (*Cape Argus* – environment and science) did science and mathematics at Fish Hoek High School in Cape Town. He has science training, but no journalism training. He did a BA and a BA (Honours) at Rhodes University. He also did four correspondence courses through the Technikon RSA (not for degree or diploma purposes), including two years of ecology, one year of animal studies and one year of botany.

Yeld's articles in the *Cape Argus* during the two months monitored were 80% about life sciences (including environment and pollution, and animals), 10% about earth sciences (including climate change and water), 7% about physical sciences (including energy) and 3% about medicine and health. Thus, it seems he was less impacted by his matric subjects of science and mathematics than by his tertiary courses about ecology, animal studies and botany.

Bonthuys (*Die Burger* – environment) did science, biology and mathematics at Uppington High in Uppington. She has journalism training (including some science journalism), but no science training. She did a BA (Languages), an Honours Degree in Journalism (1997) and an Honours Degree in Political Science at the University of Stellenbosch, and an MPhil in Southern African Politics at the University of Port Elizabeth. (The Honours Degree in Journalism contained a more limited science reporting component than that which is offered to their students today). Her MPhil thesis was on the role that transfrontier peace parks could possibly play in contributing to regional integration and co-operation.

Her articles in *Die Burger* during the two months monitored were 76% about life sciences (including environment and pollution) and 24% about earth sciences (including climate change). Thus, it seems that her matric biology and her environment-related MPhil (Politics) degree have influenced her science coverage the most.

Brits (*Die Burger* – science) did science, biology and mathematics at Vanderbijlpark High in Gauteng. She has journalism training (including science journalism), but no formal science training. She did a National Diploma in Journalism and Broadcast Journalism at the Pretoria Technikon, where George Claassen (who is now a senior deputy editor and the ombudsman at *Die Burger*) taught her the “study of civilizations” subject, including palaeontology, archaeology and anthropology.

Her articles in *Die Burger* during the two months monitored were 35% about life sciences (including genetics), 27% about physical sciences (including astronomy), 19% about earth sciences (including palaeontology and archaeology), 16% about medicine and health (including nutrition) and 3% about technology. Her coverage of science is the most wide-ranging of all the writers interviewed, and this can be seen as a reflection of her broad training in science, including matric science, biology and mathematics, as well as palaeontology and archaeology at tertiary level. When interviewed, she also emphasised that she reads widely (Brits, 2007), and this “informal” education appears to play a large role in her case as well.

Strydom (*Die Burger* – health) did science, biology and mathematics at Martin Oosthuizen High in Kakamas. She has journalism training (including science journalism), but no science training. She did a BA (Languages), a Postgraduate Diploma in Translation and an Honours Degree in Journalism at the University of Stellenbosch (1998). The Honours Degree in Journalism included a science reporting component taught by Bun Booyens (Dr George Claassen was the head of the department at the time).

Strydom's articles in *Die Burger* during the two months monitored were 95% about medicine and health (including the hospital strike and Aids), 2.5% about earth sciences and 2.5% about life sciences. This ties

in strongly with her matric biology, in particular.

Louw (*Die Burger* – agriculture) did science, biology, mathematics and agriculture at Paarl Boys' High School. He has an MA in Sociology from the University of Stellenbosch, but this degree did not incorporate any aspects relating to journalism or agriculture.

Louw's articles and columns in the *Landbou* (Agriculture) supplement in *Die Burger* during the two months monitored were 92% about life sciences, 4% about physical sciences and 4% about earth sciences. Although this is determined by the constraints of his beat, it does tie in strongly with his science and biology education at school. In addition, Louw (2007) emphasises that his interest in agriculture started when he grew up on a farm.

Gunning (*Die Burger* – agriculture) did biology at Linden High in Johannesburg. He has communication (not journalism) training, but no science training. He did a BA and a Postgraduate Diploma in Communication at Potchefstroom University. This did not include any science reporting components.

Gunning's articles in *Die Burger* during the two months monitored were 88% about life sciences (including agriculture) and 12% about medicine and health. This links in with his matric biology education.

In conclusion, it seems that while formal education is crucial in that it provides the foundation of knowledge from both journalistic and scientific perspectives (and certainly influences how different scientific fields are approached), there are also other factors at play which have a stronger control over what types of science are covered and included in the writers' beats.

#### **6.4.2. How do the journalists' career paths affect their gatekeeping role?**

It is essential to look at the writers' career paths in order to understand more about the context in which their gatekeeping decisions are made. While their formal education certainly has an influence on their work, their informal education (in the form of the expertise and experience they have gained on the job) plays a large role. In addition, journalists who have been writing science for years will have a much better feel for the subject and a more internalised ability to make gatekeeping decisions than a journalist who has only been on the science beat for a few months and is still feeling their way around the field.

The three *Cape Times* and *Cape Argus* science writers have a total of 40 years of science writing experience, while the five science writers from *Die Burger* who were interviewed have 23 years of science writing experience between them (with 12 of these years coming from Louw and the 11 years from the other four writers combined). With the exception of Louw and Gunning, all of *Die Burger's* science writers are much younger than those from the *Cape Times* and *Cape Argus*.

Details of each science writer's experience and career path are provided below.

Gosling (*Cape Times* – environment) has been a journalist for 25 years, including 10 years as an environmental

journalist, and has won a number of awards. She says she has always loved the natural world (2007):

Then came the realisation that it is threatened, followed by the desire to help protect it, and the realisation that the solutions lie in the political, social and economic arenas. During my general news beat, I always found ways to write about the environment, and eventually one of my editors said: "Am I correct in thinking you would like to do the environmental beat?" I have been in it ever since.

Thus, her interest in environmental writing developed slowly and she has also been influenced by her 15 years of covering other beats. This could explain why her focus is wider than purely scientific matters and why news with economic, social and political angles tends to pass easily through her "gates".

Yeld (*Cape Argus* – environment and science) has been a journalist for 28 years, including 20 years as an environmental journalist, and has won a number of awards. After he had been writing science articles for a while, he approached the editor, Chris Whitfield, a few years ago to ask him about adding "and science" to his environment byline and Whitfield agreed (Yeld, 2007).

Yeld's interest in science writing developed gradually over the 20 years in which he covered environmental news. This indicates that he found that many of the environmental issues he was writing about had natural links with other areas of science. It also demonstrates how, over time, he slowly widened the definition of his beat and opened his "gates" to a variety of other types of science news.

However, the placing of "environment" before "science" in his byline (and thus his description as a journalist) shows that his focus is still predominantly on environmental news. This "environment and science" byline can be contrasted with the "environment" bylines of Gosling (*Cape Times*), who does not consider herself a science journalist, and Bonthuys (*Die Burger*), who does.

Caelers (*Cape Argus* – health) has been a journalist for 26 years, including 10 years as a health reporter, and has won a number of awards. She says she has always liked writing about children's and social issues, and has always cared about the welfare of people less fortunate than her and felt the pain of their hardships (Caelers, 2007). However, she became interested in health journalism by default (2007):

Health writing found me more than I found it. My editor, Moegsien Williams, decided I was a good person to write health because of my natural interest in stories of this nature. I wouldn't have thought of becoming a health writer, but I have found my niche there.

This seems to indicate that while the topics of Caelers' articles (and her beat) may have changed over the years, the type of news she lets through her "gates" – news which helps people – has not changed.

In addition, early in Caelers' health reporting career, she received training about HIV/Aids by attending monthly workshops in Johannesburg which were run by a pharmaceutical company and featured experts who were not attached to the company (2007):

Most of what I know about Aids (and especially vaccines) comes from these Aids workshops. I have also attended lots of HIV conferences and workshops to gain knowledge. The biology is so complicated that it's like becoming a doctor!

This opportunity for training seems to have convinced her of the importance of HIV/Aids coverage, thereby encouraging her to focus a large percentage of her reporting on this subject (and thus allowing this news to pass easily through her “gates”). This is evidenced by the fact that she writes an average of two HIV/Aids stories a week.

Bonthuys (*Die Burger* – environment) has been a journalist for more than eight years, including more than five years as an environmental writer, and has won two awards. She was interested in environmental reporting from her university days, but first joined *Die Burger's* general newsdesk, doing court and educational reporting under former environment reporter Igna Schneider (then news editor).

She later moved to the parliamentary reporting team, where she focused mainly on environmental issues. The newspaper then appointed her as a full-time environmental reporter based at *Die Burger* two years ago so that she could write more articles about the environmental news “behind the news”. Since then, she has built up her own environmental library in the newsroom, with bird guides, nature maps and so on. She also enjoys reading popular science books and accessible magazines like *New Scientist*.

This study did not include an evaluation of how many articles are linked to governmental policies, so it cannot be judged whether her time spent on *Die Burger's* parliamentary team has influenced her reporting. However, it can be said that her brief to provide more detailed environmental news (wider than just a political angle) would inform her decisions to allow certain news through the “gates” and to exclude other news.

Brits (*Die Burger* – science) has been a journalist for 14 years, including four years as an official science journalist. She has won a number of awards and has given lectures at a number of workshops. She became a full-time science writer four years ago when George Claassen, who was science editor of *Die Burger* at the time, suggested that she should do so, but she says she has been interested in science her whole life (Brits, 2007):

I have educated myself in many fields by reading hundreds of books, journals and proper science magazines. At Pretoria Technikon, George Claassen was my lecturer for the study of civilizations, which included lots of anthropology, archaeology and palaeontology. This really got me reading and I never stopped. I used to report on crime, court and general, and first started writing about genetics in court when forensic evidence was given years ago. I then started writing about crime trends, human behaviour and trends, as well as drug and alcohol abuse. I moved on to more serious science later on.

Thus, Brits found that her lifelong interest in science could bring valuable insights to general news and this later developed into a full focus on science news. She reads widely (enjoying books by Charles

Darwin, Richard Dawkins, Stephen Jay Gould, Carl Zimmer, Steve Jones, Lewis Wolpert, Stephen Hawking, Michael Shermer, Daniel Dennett, Steven Pinker and Carl Sagan) and the knowledge she gains from these publications provides her with a sense of what is newsworthy in a vast array of scientific fields. This informs the decisions she makes about which news to write about (2007):

Many, many hours of my days and weekends go into reading, reading and reading again.  
Science changes all the times and a journalist can have ten degrees and still know nothing.  
The most important thing to do is to read, every day.

Strydom (*Die Burger* – health) has been a journalist for six years, including less than a year as a health writer. Previously, she worked in corporate communications, at a community newspaper and for a news agency. While she was a sub-editor and writer for *Die Burger's Gesondheid* supplement, *Die Burger's* health reporter moved to the night desk and the editors suggested that she take over the health beat (Strydom, 2007):

While at *Gesondheid*, my interest in health news was sparked as I realised it dealt with an extremely wide variety of subjects. You also have the opportunity to give a patient a chance to tell the story through their eyes and do something different from only providing statistics and information on diseases.

Thus, Strydom, who originally had a passion for crime reporting, developed an interest in health writing only once she found herself covering that beat. She says she likes writing about the human side of the news and thus it appears that news with this angle would be allowed to pass easily through her “gates” (Strydom, 2007).

Louw (*Die Burger* – agriculture) has been a journalist for 32 years. He originally wrote for *Die Burger's Landbou* supplement from 1975 to 1977, soon after joining this newspaper's Paarl office. He then worked as a general writer and editor at *Die Burger's* Cape Town head office until 1997, when he was appointed as editor of *Landbou*. Louw says that when the job became vacant, he “jumped at the chance” (2007). He still holds this position 10 years later. *Landbou* was originally published in the country editions of *Die Burger*, but was incorporated into the Cape Town edition in 2000.

Although he has no formal training in agriculture, Louw grew up on a sheep and cattle farm in what was then known as South West Africa, and has therefore had a lifelong interest in farming.

Gunning (*Die Burger* – agriculture) has been a journalist (general, parliament and property) for 21 years and an agriculture writer for less than a year. He started writing about agriculture when he was asked to cover the beat early in 2007, but he mainly reports on municipal matters.

The fact that he has reported on a wide variety of news for more than 20 years and on agriculture for less than a year seems to explain why his focus is on the social issues surrounding agriculture rather than on the technical side of farming.



However, this could also be explained by his being asked to cover certain stories with specific angles. In addition, it is important to note that he says there are “a lot of technical stories out there” (Gunning, 2007), but his focus on municipal reporting prevents him from covering these stories.

This section has demonstrated that the writers’ career paths have a considerable bearing on the types of science they cover. However, their experience over the years cannot account for all their gatekeeping decisions and thus it is essential to consider how they define the concept of science, as this largely determines their attitude to the beat.

#### **6.4.3. How do the journalists’ definitions of science affect their gatekeeping role?**

Perhaps the single most important gatekeeping factor is the writers’ concepts of what science is, as it influences not only the individual gatekeeping decisions, but also provides the context in which all other gatekeeping decisions are made. When asked for their definition of science, all the writers tended to include their own field of science as an important component thereof.

Gosling (*Cape Times* – environment) says that science is “the study of the physical world by means of observation and experimentation, where findings can be repeated by someone else” (2007). She says that by covering environmental issues, rather than scientific issues, she can write about a wide range of topics and give readers a fuller view by integrating information from different topics, sectors and spheres into one story: She emphasises: “I am not a science writer, I am an environment writer” (2007):

I don't see how anyone IS able to regard environment journalism as science journalism. Science is a component of environment journalism, certainly, but it is only one component. Take climate change, for instance. If one were to write about what is happening in the physical world in response to the greenhouse gas build-up, one would be writing about science. But is that the entire picture? Of course not. There are many other dimensions to the topic, not least of which is economic. It is the economic system, founded on fossil fuel, that caused the problem, and leads to all sorts of questions about whether it is possible to solve the problem within the existing economic system. There are also social dimensions, including the impact on society, on the world's poor, in particular, how it will affect them and what measures can be taken to mitigate the impact. There are ethical issues, for instance, is it morally right that rich, polluting nations can continue to do so by using mechanisms like the carbon trading mechanism? Is this not a case of rich countries "buying" the right to pollute and contribute to climate change? Had I restricted my coverage of climate change to science only, I would have told but one facet of the story.

Gosling’s comments are a very strong indication that she feels a social responsibility to report on issues that are wider than pure science and thus she would allow environmental news with social, economic and political angles to pass through her “gates”. Conversely, news about science which does not have a practical or obvious impact on society would tend to be excluded.



Yeld (*Cape Argus* – environment and science) describes science as “that which can be empirically proved” (2007). This concept of science as truth consistently underpins his reporting, because he aims to convince the public “of the importance of scientific facts, as opposed to popular beliefs, for example, that Himalayan tahrs damage the mountain ecology and local biodiversity” (2007). Thus, he prefers to cover news that provides opportunities to explain the facts to the public and therefore news which presents these opportunities would be allowed through his “gates”.

In contrast, Caelers (*Cape Argus* – health) stresses the health aspect of science (2007):

Science is all-encompassing, it is health, it is environment, it is research. Health and science are inextricably linked. For example, vaccines, stem cells, and TB are all high science. What is important is how science impacts on people – science mustn’t stay in little rooms at UCT and Stellenbosch University.

Caelers’ comments suggest that not only does she see health reporting as something to be approached from a scientific angle; but that her purpose in writing health stories is to provide news that is relevant to people’s lives; news that will help them and even improve their health. Thus, it is likely that she allows “useful” health news to pass through her “gates”, while excluding news that, in her eyes, would not aid people.

Bonthuys (*Die Burger* – environment) states that science is “the search for truth, a striving to learn more about how the world around us works” (2007). This comment is telling, because it explains her desire to present the news as objectively as possible by “sticking to the story and not sensationalising it” and by “not allowing interest groups to push their agendas” (2007). Her concept of science informs her gatekeeping role, and thus news from anyone trying to promote a certain stance would not be allowed through her “gates”.

Strydom (*Die Burger* – health) defines science as “medical news, astronomy, evolution, the environment, archaeology and so on” (2007). This list is perhaps a reflection of what is most covered in her newspaper. In contrast, Leon Louw (*Die Burger* – agriculture) provides a traditional definition of science, stating (2007):

Science is the description, ordering, recording and explanation of a phenomenon so that it can be used to predict other phenomena. As a result of the predictability, the phenomena can be controlled or influenced.

On the other hand, Brits (*Die Burger* – science) believes that the main aim of science is to achieve a more complete and unified understanding of the physical world (2007):

Most scientific fields are the subjects of intense research which results in the continual expansion of knowledge in the discipline. Scientists seek out counter-examples or findings that appear to be inconsistent with accepted theories, because scientific ideas and concepts must stand or fall on their own merits, based on existing knowledge and on evidence.

Her definition of science implies a wide-ranging and philosophical perspective. This is evident in her writing, which covers many fields and often deals with questions of meaning. Her strict belief in the scientific method also explains the fact that she allows news to pass through her “gates” if it provides an opportunity to debunk pseudoscientific claims and thereby demonstrate, in contrast, how true science works.

Thus, the writers’ definitions of science indicate how they view their roles as science journalists and therefore what science news they cover. Their understanding of science both defines and delimits their reporting and gatekeeping. However, it is necessary to consider a related but more personal perspective, namely the writers’ own interests in the various scientific fields.

#### **6.4.4. How do the journalists’ interests in the various scientific fields affect their gatekeeping role?**

This gatekeeping factor is a crucial one, because it is fairly self-evident that journalists write about what they are interested in. Their interests also tend to coincide with their knowledge of certain subjects, because having a keen interest in a field is a strong motivator to learn more about it. Thus, journalists tend to allow news through their “gates” if they feel that it is something they have knowledge about, are interested in, and feel the public should know about.

A brief summary of each journalist’s coverage, interests and beliefs about what the public need to know will be provided, after which some general observations will be made.

Gosling (*Cape Times* – environment) says she is most interested in astronomy, energy, climate change, geology, archaeology, water, agriculture, animals (marine), birds, environment and pollution, fishing and food safety (2007). She believes the public most needs to know about energy, physics, climate change, water, agriculture, environment and pollution, Aids, nutrition, diseases and treatment, and mental health. Gosling says that when she covers science, she mostly covers earth sciences and life sciences, with a little bit of astronomy.

Yeld (*Cape Argus* – environment and science) says he is most interested in energy, climate change, archaeology, water, animals, birds, plants, environment and pollution, fishing and food safety (2007). He believes the public most needs to know about energy, climate change, water, animals, birds, plants, environment and pollution, Aids, food safety, nutrition, diseases and treatment, smoking, computers, and internet and email. Yeld says he covers physical sciences (astronomy and energy), earth sciences (climate change, archaeology, water, palaeontology), life sciences (fishing, plants, animals, environment and pollution, evolution), medicine and health very occasionally and technology occasionally.

Caelers (*Cape Argus* – health) says she is most interested in medicine and health (2007). She believes all fields of science are important for people to know about, but says she only covers medicine and health.

Bonthuys (*Die Burger* – environment) says she is most interested in physical sciences (mainly energy), earth sciences, life sciences and medicine and health (mainly food safety, healthcare administration,

nutrition and mental health) (2007). She believes the public most needs to know about physical sciences (mainly energy), earth sciences, life sciences and medicine and health (mainly Aids, food safety, diseases and treatments, healthcare administration, the hospital strike, medical malpractice, nutrition, mental health and smoking). She says she covers physical sciences (energy), earth sciences (meteorology, climate change, geology, paleontology, archaeology, water) and life sciences (agriculture, fishing, botany, animals, environment, nature, evolution).

Brits (*Die Burger* – science) is most interested in astronomy, cosmology, physics, geology, palaeontology and archaeology, animals (wildlife), evolution and genetics, nutrition, mental health, science and religion, pseudoscience and superstition, biology and anthropology (2007). She believes the public most needs to know about evolution, genetics, pseudoscience, basic biology and how the natural world works. Brits says she covers all aspects of astronomy and cosmology (including physics and chemistry), biology, genetics and medicine (including neurology, psychiatry and mental health), archaeology, bioethics, palaeontology and anthropology, as well as doing investigative reports on pseudoscience.

Strydom (*Die Burger* – health) says she is most interested in medicine and health (Aids, food safety, diseases and treatment, medical malpractice, nutrition, mental health and smoking) and life sciences (marine animals and environment and pollution) (2007). She believes the public most needs to know about physical sciences (energy), earth sciences (water), life sciences (agriculture, environment and pollution), medicine and health (Aids, food safety, Frere Hospital, medical malpractice, TB, diseases and treatment, mental health, smoking), technology (internet and email), and science and beliefs (pseudoscience and superstition). She says she covers medicine and health news, with approximately half her coverage on the science and half on the political angles.

Louw (*Die Burger* – agriculture) says he is most interested in life sciences (agriculture) and also believes that the public most needs to know about life sciences (agriculture) (2007).

While the information above is extremely detailed, it is sufficient to conclude by making a number of relevant general observations, namely that the specialist science writers tend to write about what they are interested in, but that they do not necessarily write about everything that they think the public should know about, probably because they know that other people in their science reporting teams cover these fields of science.

Having contextualised the writers' beats, it is now appropriate to focus on the writers' approaches to these beats and to consider what they aim to achieve through their writing.

#### **6.4.5. How do the journalists' approaches to their beat as part of the science beat affect their gatekeeping role?**

The science reporters' approaches to their beats and their aims in writing about science news determine how they judge the newsworthiness of the items that come across their desks, and therefore which items they allow through their "gates" and into the newspaper. This gatekeeping factor links in with and is

informed by the previous two sections, namely the gatekeeping factors relating to the journalists' definitions of science and their interests in particular fields of science. However, it is a practical corollary, and thus worth examining on its own, though it is, in essence, an expansion of the previous section, which deals with the journalists' specific interests.

Gosling (*Cape Times* – environment) sees herself not as a science journalist, but as an environmental journalist (2007):

I may have to use science in some articles, but I do not focus on science. Environmental reporting covers a huge range of topics, including the natural, social, economic and political aspects of life.

Stent, as editor of the weekly *Techno Times* supplement in the *Cape Times*, does not do any science writing himself, but it is nevertheless appropriate at this point to consider the nature of his publication as part of the science writing genre.

Stent (2007) says that since Alide Dasnois joined the *Cape Times*, she has been very keen to increase the science content. Large editorial pieces by experts are published approximately once a week and the *Techno Times* was started in June 2007. Stent, who has a keen interest in science and technology (but has never been a science writer), became editor of this supplement. He sees this technology supplement as a science publication and also tries to include technology-related astronomy news, as well as "off-beat" stories (2007).

Stent considers technology news to be very important and therefore aims to inform people through his choice of articles and columns from the news agencies and freelancers (2007). He not only edits the product, but also lays it out as well, and thus has almost total control over the content.

Yeld (*Cape Argus*) says he covers a variety of science and environment news, but tends to keep the hard science shorter and put in interesting or humorous introductions to catch people's attention. He concentrates on local news and says this means that he doesn't compete with the news agencies, which mostly supply foreign news. Yeld aims to write articles that are interesting, but relevant (2007):

The purpose of the stories is to alert people to something, but I add in website details and references for people who want to read more. I try to keep the human angle and write about things that affect people's daily lives. For example, there is a lot of new scientific knowledge about baboons, but people want to know about baboons' interaction with humans, so my articles mainly concentrate on that, and I explain a bit of the biology as well. Environmental issues such as conservation and sustainability are a critical part of people's lives – I want to change behaviour by doing it in a way that keeps people interested rather than lecturing to them.

Caelers (*Cape Argus*) says she covers medicine and health, "which has so many different aspects – disease, political and research" (2007):

I try to stay on top of them all and try to find a balance. It is the stories that make a real difference in society that mean the most to me – the ones from which you see an action that helps those members of our society who really need help. Health news must be educational and relevant. The man in the street must understand it and it must be relevant.

She says the process of excluding certain stories is instinctive – “I consider what is relevant and a good read” (2007). She says that her main interests are HIV (“it has to be”), diabetes (“it’s a very underrated disease and it’s more difficult to get coverage for it”), obesity, microbicides, cervical cancer and diseases that affect women (2007):

I am interested in the welfare of the health system locally. I’m like a dog with a bone – I won’t let it go away. I take very seriously my responsibility to people with HIV. People can die because of a lack of information. I feel responsible to people, to save lives.

Bonthuys (*Die Burger*) says her environmental reporting “does not completely fall under science journalism but definitely has aspects of it” (2007):

That’s what makes environment writing so interesting and diverse, because some environmental reporters approach it very scientifically and others more from an activist’s angle. This is a fascinating debate. I think people are naturally entitled to their own opinions and it is definitely evident in one’s reporting, but a reporter should at least try to present the other side of a matter or viewpoint. Your bias can shoot you in the foot, however, because you are then looking at things from a limited perspective. On the other hand, if you try to be too unbiased, then you could give too much exposure to fringe groups or people who are outside the group of scientists who have achieved consensus about a specific topic such as climate change.

Bonthuys, who chooses the scientific angle over the activist’s angle, says she tries to stay abreast of climate change and biodiversity research, as well as the policy and impact on the ground (2007):

I spend a lot of time deciding what not to write. It’s instinctive – if you know your field, you will know what is newsworthy and interesting, what stories you’d like to tell someone else.

Brits (*Die Burger*) covers all aspects of astronomy, cosmology, biology, genetics, medicine, archaeology, bioethics, palaeontology and anthropology. She also covers broader science issues that fall outside this, due to the fact that she is the newspaper’s specialist science writer (2007):

I focus on research, advances and new findings and I also alert people to pseudoscience (reporting it as bad science and getting experts to say why it won’t work). I regularly write book reviews on popular science titles and also write in-depth articles on science. I really love what I do!

Strydom (*Die Burger*) covers medicine and health news, with approximately half her coverage having science angles and half having political angles. She says that her experience is that “the English press in

South Africa has a higher regard for health stories and would promote this in their newspapers more readily than the Afrikaans press" (2007). She is, in fact, correct, in that during the two months monitored, *Die Burger* contained 166 medicine and health items, while the *Cape Argus* had 177 and the *Cape Times* 212. The *Saturday Argus* (104) and the *Sunday Argus* (90) also contained more medicine and health news items than the Saturday edition of *Die Burger*, which has 85. However, this information cannot be translated into an assertion that the English press has a higher regard for health stories than the Afrikaans press – this statement would need to be tested through further in-depth qualitative research.

According to Strydom (2007):

There are certain medical stories that are always important – Aids being one of them, as well as TB, as many HIV-positive patients are co-infected with TB. Horrific conditions in hospitals which lead to patients' rights to proper health care being jeopardised will always be news. Rape statistics and care for raped women and children will also always be newsworthy ... The decision about covering certain stories is definitely impacted by what is topical in South Africa and ongoing health problems in South Africa.

Gunning (*Die Burger*) says that about 70% of his writing is about municipal matters and about 30% about agriculture. His agriculture articles are more about social issues such as land reform than technical issues. Meanwhile, Louw's agriculture supplement in *Die Burger*, *Landbou*, contains 74% of the newspaper's life sciences (agriculture) coverage during the two months monitored. In other words, 72 of the 97 articles, columns and photographs about agriculture in *Die Burger* were published in *Landbou*.

Louw enjoys providing his readers with "new insights on problems and how to solve them, and new technology" (2007). He particularly likes writing about wine (as this is an area in which he has a great deal of knowledge) and new developments (especially where he can learn something new). He does not see himself as a science writer, but as an agriculture writer who writes about science where necessary (2007):

It all depends on what I write – sometimes more science is involved. It differs from issue to issue and also depends on the time of year.

Louw believes it is important for agriculture experts to be given space in his supplement and thus he has arranged for two contributors to provide regular columns entitled Koringmark (Wheat Market) and Kleinvee (Small Stock).

As demonstrated by the wide range of approaches to the various scientific beats among the journalists interviewed, this gatekeeping factor has a strong influence on how the journalists deal with stories they choose to write about and particularly how they compare potential news with values of newsworthiness. A related factor, which will be discussed in the next section, is the writers' awareness of the main scientific debates, both within their own fields and within science in general, as news which fits into these familiar frames is more likely to be allowed through the "gates".

#### **6.4.6. How do the journalists' opinions of science debates affect their gatekeeping role?**

When the writers were asked to list the most important debates in science, they all listed topics on which they focus in their own writing. Six of the specialist science writers who were interviewed included climate change / global warming on their lists, while only the two health writers listed HIV/Aids.

It can be concluded that stories which fit in with their (sometimes subjective) ideas about the most crucial global issues will be allowed to pass through their "gates" and be included as stories in their newspapers.

Gosling (*Cape Times* – environment) lists the biggest environmental issues as "global climate change, poverty and the globalisation of the economy" (2007). Only the first item on the list is a scientific item and thus this further explains her approach to her beat as one which encompasses social, economic and political factors rather than purely scientific ones. Gosling wrote four articles about climate change during the two months that were monitored (less than 10% of her total articles). Interestingly, while she wrote nine articles about nuclear energy (almost 20% of her total articles), she does not list this issue as one of her top three environmental debates.

Yeld (*Cape Argus* – environment and science) lists the three most important debates as "climate change, climate change and climate change (as well as different energy sources and biodiversity conservation)" (2007). He wrote only two articles about climate change during the two months monitored (3% of his total articles), which suggests that firstly, perhaps a more accurate indication of the topics covered in his articles could be achieved by monitoring the newspapers for a longer period, and secondly, that while a gatekeeping factor such as this one allows certain stories through, it does not necessarily exclude other stories purely because they do not fit into a predictable and familiar debate. In addition, Yeld may not necessarily agree with the categorisation of his articles, some of which contained climate change elements, but which were classified under other headings (such as plants), according to their main focus.

Caelers (*Cape Argus* – health) mainly includes health issues on her list, which reads: "HIV/Aids and pseudoscience; stem cell therapy and the use of umbilical stem cells; and global warming". During the two months monitored, Caelers wrote 16 stories about HIV/Aids (42% of her total articles and columns). This certainly seems to indicate that HIV/Aids stories are consistently allowed through her "gates" and into the newspapers.

Like Caelers, Strydom (*Die Burger* – health) also lists HIV/Aids as a crucial item and is aware that key scientific debates exist outside the realms of her health beats. She includes "global warming, HIV/Aids and evolution" (2007) on her list. During the time period monitored, Strydom wrote 11 stories about HIV/Aids (28% of her total articles and columns), once again indicating that stories about HIV/Aids will pass easily through her "gates".

Bonthuys (*Die Burger* – environment), lists "climate change and evolution/genetics" as the two main debates. She only wrote three articles whose predominant focus was climate change during the two



months monitored (12% of her total articles), but she notes that “virtually every story I do these days refers in some way to climate change” (2007) and says that she is most proud of her climate change reporting. As with Yeld, the categorisation used in this study may not lend itself to a comprehensive overall understanding of the extent of climate change coverage by the environmental reporters.

Brits (*Die Burger* – science) has a very different list to the others (2007):

The vast knowledge expanding in all genetics fields on a weekly basis; the quest to know exactly what dark matter and dark energy are in order to understand what the universe is made of; and the next piece of the puzzle we find, because science is the everlasting quest for knowledge.

This once again ties in with her focus on a wide range of scientific fields and also her more philosophical approach, as opposed to Gosling’s political and economic angles. Brits wrote nine astronomy articles and six genetics articles during the two months in which the newspapers were monitored (24% and 16% of her total articles respectively). This would seem to indicate that a substantial amount of her coverage is dedicated to news that is related to current scientific debates, perhaps as a result of her extensive reading of scientific journals and other peer-reviewed publications.

Louw (*Die Burger* – agriculture) says that the most important debates in science are global warming (and related environmental issues), food safety (including genetically modified food) and new technology. Life sciences (agriculture) accounted for 92% of his articles and columns during the two months monitored, with 4% about physical sciences and 4% about earth sciences (climate change). However, as with Bonthuys and Yeld, a number of his articles contain references to climate change even when the main focus of the article is on agriculture.

With Louw, news about agriculture in general seems to be allowed through his “gates” more easily than news about the scientific debates that he believes to be the most important. This contrasts sharply with the other science writers’ approaches and could be related to his strong emphasis on providing news that is useful and interesting for the farmers (Louw, 2007).

In conclusion, this section does not provide a fully accurate picture, because not all articles are (or should be) about current debates as there are many wider issues which journalists want to cover as well. Their understanding of, and reporting on, these wider issues, is largely determined by why they believe science writing to be important and, therefore, what they aim to achieve through their reporting on certain issues rather than on others. This will be discussed in the next section.

#### **6.4.7. How do the journalists’ beliefs about why science reporting is important affect their gatekeeping role?**

The importance of science writing is interpreted differently by different journalists, but all seem to agree that what they write has an impact on what people think and what they do in response to what they read.



Cohn & Cope (2001: 4) note that:

The very way that we reporters tell our readers or viewers about a medical, environmental or other controversy can affect the outcome. If we ignore a bad situation, the public may suffer. If we write “danger”, the public may quake. If we write “no danger”, the public may be falsely assured.

Indeed, the public must be informed if solutions are to be found to problems such as “environmental pollution, nuclear power, the dangers from food additives, and the risk of nuclear war” (Severin & Tankard, 1988: 286). However, as Bjørn Lomborg, author of *The Skeptical Environmentalist*, cautions (2005: 39):

... the incoherent information we are given provides us with too little knowledge of concrete problems to enable us to take part in a democratic decision-making process.

How, then, do Cape Town’s specialist science writers view the importance and significance of science reporting? This gatekeeping factor determines not so much which science news is allowed through the “gates”, but rather how it emerges from the other side of the “gates” and appears in the newspapers. The writers’ understanding of why science reporting is important is linked to how much passion they have for their subject and to how they choose to present the news in line with their beliefs.

In general, Caelers and Strydom (the *Cape Argus* and *Die Burger* health writers) perform their reporting duties in order to help people, while Yeld and Gosling write in order to bring about change (whether in attitudes or policy) and Brits, Bonthuys, Louw and Gunning desire to educate and inform the public. This is not to say that each writer does not incorporate all three elements into their reporting, but rather that this is what their aim appears to be, as deduced from reading their articles over a two-month period and from speaking to them about their writing. In addition, all the writers appear to desire to perform a “watchdog” function by keeping people accountable through what they publish.

Gosling (*Cape Times* – environment) believes environmental journalism is the most important beat (2007):

Take away water, soil, vegetation and air, and no one survives. We live in a world where we behave as if this were not the case – we are living in a manner which is not sustainable ... our economic system will be our demise for two reasons: first, it is founded on fossil fuels (which are causing climate change) and second, we cannot have infinite growth on a finite resource base. Therefore I see environmental journalism as being the “wake-up” kind of journalism that tries to get society, decision-makers and Joe Soap to make the connections between lifestyles, systems and the natural world. The point is to try to encourage behaviour and systemic changes.

Thus, Gosling’s aim is to change behaviour through her articles so that people will start to live in a sustainable manner, “living within the constraints of the planet and maintaining the integrity of the planet’s life-support systems” (2007).

Yeld (*Cape Argus* – environment and science) believes that science news is relevant because science

forms such a great part of our lives that “it is absolutely essential that everyone is at least scientifically literate, and newspapers have a very important role to play in this regard” (2007).

Caelers (*Cape Argus* – health) and Bonthuys (*Die Burger* – health) both feel that, through their reporting, they can empower their readers to live healthier lives and that they can even save lives. They therefore aim to write stories which do just that. According to Caelers (2007), the news must serve a purpose:

It is vital to keep the nation informed about the possibilities for treatment and the medical breakthroughs that are coming. Not only is the information interesting, but it can also offer hope where none exists.

Strydom (2007) says that science reporting is important as many topics have an impact on people's lives, especially in the medical field:

With such a high incidence of HIV/Aids, it is important that the true facts with regards to treatment are communicated to people at grassroots level, especially when there are so many pseudoscientists promoting alternative cures and spreading unscientific messages. In South Africa, health reporting is important as it keeps the department of health accountable. Health reporters have a responsibility to keep pharmaceutical companies, the government, non-governmental organisations and health workers accountable as their actions have an impact on human life.

In line with her desire to help ordinary people and keep powerful entities accountable, Strydom is proud of the XDR-TB story she wrote when four patients with this “deadliest and virtually incurable form of TB” escaped from the Brooklyn Chest Hospital, where they had been under quarantine (2007):

The Department of Health did nothing about it, even though they knew they were living in close contact with their families on the Cape Flats. After I broke the story, the Department of Health decided to get an urgent court interdict to force these patients to go back to hospital. All four are now at Brooklyn Chest and the risk of XDR-TB spreading across the Cape Flats is definitely minimised. I explored the impact on the families of XDR-TB patients and how this disease devastates them, specifically when it is single mothers who are quarantined. I felt I made a huge difference and helped inform people about XDR-TB.

Bonthuys (*Die Burger* – environment) also believes that science writing should be a reliable reflection of objective truth (or as close as possible to this ideal), not serving anyone's agenda, and that it should keep influential people accountable (2007):

[Science writing] is educational; it builds critical thinking; it keeps the policies and interference of governments and decision-makers accountable and grounded on the best available data.

Louw (*Die Burger* – agriculture) says that he aims to be informative in his reporting and to write about issues which are of interest to farmers. He says that science reporting is important because “in many

cases it is the only way to bring certain subjects to the attention of people" (2007).

Brits (*Die Burger* – science), meanwhile, believes that knowledge of science empowers people to survive in the modern world. She asks (2007):

Why is the sky blue? Science gives answers to, or tries to answer, the questions of the natural world. It never stops investigating and seeking knowledge. It is like the universe, ever-expanding. Information about your surroundings is of vital importance as knowledge empowers one.

In conclusion, the journalists tend to allow news through the “gates” which can be moulded to fit their ideas relating to the importance of science reporting. They do this because it relates to why they write and what they hope to achieve by writing. Thus, whether they write in order to help people, bring about change, educate the public or keep government and big business accountable, their own particular belief system about the significance of science reporting always forms a “sub-conscious background” against which their reporting is done and their gatekeeping decisions are made.

Science writers can also be affected by perceptions (instead of reality) and, as explained in the section that follows, this can determine what they decide to cover (or what they decide to cover) as part of their newspaper’s overall science coverage.

#### **6.4.8. How do the journalists’ perceptions of what their newspapers cover (and why) affect their gatekeeping role?**

The writers’ perceptions of what their newspapers cover and why, rather than what they actually cover, are an important gatekeeping factor. If they see their newspaper as one which covers health strongly, then they are more likely to open the “gates” for that story.

However, this does not necessarily translate into more coverage for that category of science overall, because of the large impact of the inclusion of items from news agencies, particularly for the *Cape Times*, which uses news agencies and foreign newspapers for 54% of its news, but less so for *Die Burger*, which uses news agencies for only 10% of its news.

Interestingly, each writer’s perception of their newspaper is that their own beat receives more coverage than other beats. It should be noted that this section of the chapter refers to total articles in the newspapers and not just to the articles written by the specialist science reporters.

Looking at the *Cape Times*, Gosling (environment) is spot on when she says that it “covers mainly medicine and health, followed by life sciences” (2007). This is indeed true – the *Cape Times* contained 28% medicine and health news and 24% life sciences news during the two months monitored. Gosling’s perception is accurate in spite of the fact that she covers life sciences and not medicine and health. In addition, her newspaper does not have a health reporter. Thus, her perception must be that the *Cape*

*Times* uses a great deal of medicine and health news from the news agencies.

Caelers (health) is almost correct when she says that the *Cape Argus* covers medicine and health (her beat) the most (2007). In fact, the coverage of medicine and health (32%) in this newspaper is just less than that of life sciences (33%). Caelers believes that the *Cape Argus* covers some areas of science more than others because "it really hangs off what is seen as being currently interesting or newsworthy" (2007). She says that although there are no set policies, the *Cape Argus* prefers news that is local or about, for example, "a disease that is very high-profile in our city or our country".

Yeld (*Cape Argus* – environment and science), on the other hand, doesn't mention the medicine and health beat, but lists his own beats – "physical sciences, earth sciences and life sciences" as being covered the most (2007). These categories of science make up 12%, 16% and 33% (respectively) of the total science coverage in the newspaper. As for the reason why the *Cape Argus* covers some areas of science more than others, Yeld attributes it to "the particular interest and expertise of the journalists" (2007).

In contrast, *Die Burger's* science writers all believe that their newspaper covers a wide range of science news. According to Brits (science), "*Die Burger* covers everything except not so much technology". Bonthuys (environment) says physical sciences, earth sciences, life sciences, and medicine and health are covered the most, while Strydom (health) believes earth sciences, life sciences, and medicine and health are covered the most, and Louw (agriculture) says he thinks that *Die Burger* "gives equal coverage to earth sciences, life sciences, medicine and health, and science and beliefs".

In reality, *Die Burger* covers life sciences the most (44% of the total science coverage), followed by medicine and health (27%) and earth sciences (14%) and the other categories some way behind.

According to Bonthuys (2007), she thinks that "the individual reporters' interests in certain topics play a relatively big role" in why *Die Burger* chooses to cover some areas of science more than others. Strydom (2007) agrees, saying that she feels it is "merely a question of journalists pushing certain articles which are their area of interest". However, Brits believes that "*Die Burger* has never chosen to cover certain areas more than others" (2007):

We cover what is newsworthy. The leading news in science today is climate change, genetics and huge advances that are being made in astronomy with regards to planetary science, and new knowledge into the dark matter and dark energy. We cover the cutting edge science breakthroughs made internationally and nationally, regardless of what they are. We don't choose a certain area, but some areas of science are just more alive at present than others. Any person up to date with science today would know that the present revolution in biology is genetics, across all fields.

Louw also states he does not believe that *Die Burger* chooses to cover certain areas of science more than others, but says that if this were to be true, then it would be related to "which would be the most popular among the readers" and would be determined by "the availability of suitable journalists with the

required knowledge" (2007).

In summary, the *Cape Argus* environment and science, and health writers each believe that their own beat receives the most coverage, while in reality the coverage is very close, with medicine and health having 177 items during the two months monitored, and life sciences having 175. On the other hand, the *Cape Times* environment writer believes correctly that medicine and health (at 212 items) receive the most coverage in her newspaper, despite the fact that the newspaper has no health writer.

Finally, *Die Burger's* specialist science writers believe that their newspaper covers a wide spread of science news. This is true, although there is a major focus on life sciences (274 articles, or 44% of the total coverage). These science writers' perceptions of *Die Burger* as covering a range of categories perhaps stem from the fact that they operate within the milieu of a science desk, where they are aware of their role within the science beat and of the fact that they complement the other science writers, while the journalists from the *Cape Argus* and the *Cape Times* do not have the same concept of a structured science team.

Having considered the science writers' approaches and attitudes to their reporting and to science journalism in general (in other words, the "gates" which exist internally, in their minds), it is necessary to consider their interactions with the public, scientists and their editors (in other words, relating to "gates" which exist externally, in the newsroom and in society). These aspects will be discussed in the following three sections.

#### **6.4.9. How do the journalists' interactions with the public affect their gatekeeping role?**

The science writer's interactions with the public form a crucial gatekeeping factor, because journalists serve the public and thus their view of how they can best serve the public affects how they write their stories and which stories they allow through the "gates" for publication. This is often influenced by readers' feedback in the form of emails and telephone calls. Dealing with the public presents a number of challenges, not the least of which are the difficulties experienced by reporters in explaining complex science in a way that can be understood by an average citizen.

Gosling (*Cape Times* – environment) says she gets the most feedback from the public about non-environmental reporting, including "the light stuff like my daily column from Antarctica or on the yacht from Rio" and she feels that they respond to the lighter news because "the nature of news is doom and gloom" (2007). This feedback from the public to certain types of news could perhaps be seen as an encouragement for her to write more of these types of stories.

Stent (editor of the weekly *Techno Times* in the *Cape Times*) says that a large number of people who contact him about his technology supplement are "elderly". He says that the popular belief that only young people are interested in technology is a myth (2007).

Yeld (*Cape Argus* – environment and science) says that he gets very little feedback from the public, only occasional queries for additional information or elucidation (2007):

The main challenge in dealing with the public is trying to convince them of the importance of scientific facts, as opposed to popular beliefs, for example, that Himalayan tahrs damage the mountain ecology and local biodiversity, and are not benign good-looking animals that belong in a national park.

In contrast, Caelers (*Cape Argus* – health) says she often receives feedback, mainly about quirky stories or articles with a human element. She wants people to find her articles “accessible and useful” and believes that the biggest challenge in dealing with the public is getting the information across in layman’s terms through “being able to take a complicated subject and breaking it down into manageable pieces so everyone can get the relevance of what you’re telling them” (2007):

Quite a variety of people read the *Argus* and I get unbelievably strange feedback from the widest range of people. Doctors and specialists tell me they always read the health column on a Saturday – and so does the newspaper packer downstairs. I try to hit a balance where it is generally accessible, so that people don't have to have a degree to understand it. I try to keep it down to earth and if I use big words, then I explain them in brackets afterwards.

Bonthuys (*Die Burger* – environment) regularly receives feedback from the public, particularly about marine issues, weather-related information and new discoveries. She says that although there is “growing understanding and much less scepticism than four years ago” (2007), the biggest challenge in dealing with the public is the fact that the level of scientific literacy in South Africa is relatively low:

People don't always understand that research is a process. Also, it is difficult to structure stories, to know whether I should repeat previous information or take it for granted that the readers know it.

Bonthuys says she has a conscious aim of always trying to bring good science into all her articles and she aims to explain complex science in simple terms. She says she is proud of stories where she “took complicated scientific studies and presented them to the readers in an accessible and relevant way, and from which policy interventions arose” (2007).

However, she believes that *Die Burger* doesn't get as many letters about the environment as the *Cape Times* does (2007). This is confirmed by the quantitative research findings of this study, which state that the *Cape Times* received 25 letters about the environment (life sciences and earth sciences) during the two months monitored, while *Die Burger* received 18 letters about the same environmental categories.

Louw (*Die Burger* – agriculture) often receives “favourable feedback” from readers because of the “informative nature” of his articles (2007). He says the biggest challenge in dealing with the public is:

To convince them not to believe [just] anything they have been told and to put any matter

before them to the test of objective scrutiny.

He spends a lot of time travelling to farms and attending meetings with farmers, where he can "get a feel for what they like and what they don't like" (2007). It is important for him to write about things that really matter to farmers and he therefore sees his role as being one which informs and helps.

Brits (*Die Burger* – science) also receives regular feedback from the public, such as when she wrote about the dangers regarding the "misinformation that one can take natural products or supplements for depression or bipolar mood disorder, or even stop taking your medication" and when she investigated two scams – Mannatech's glyconutrients and the "malaria monitor" (2007):

People want science-based evidence on what is good for them and what is not, and science journalists should spot pseudoscience and expose it with the help of experts.

Strydom (*Die Burger* – health) says that an article she wrote about vitamins generated the most feedback, while other topics to which the public responded were XDR-TB (where people wanted to help the families of the patients), the story of a mother who had to catch her own baby in a corridor at the Stellenbosch Hospital, negligent doctors who are not brought to book for their actions due to expensive court cases and the burden of proof which rests on the patient, and the brain drain of doctors and nurses (2007). She says she faces a number of challenges in her reporting:

A huge challenge in dealing with the public is making a complicated subject understandable and writing it in a way that demonstrates the impact of the article on their lives, such as with my XDR-TB article. Another challenge is finding new ways to make news about Aids. I visit the Site B Day Hospital in Khayelitsha a lot and the people who really need the information are not getting it through the newspapers. The Treatment Action Campaign and Doctors Without Borders are there, but there is always another element, such as Rath's vitamins.

Thus, the symbiotic interactions between the journalist and the public can determine what the journalist believes the public needs to know about and how this information should be brought across. Positive feedback from an article (especially where people have been helped or informed, or where behaviours or policies have been changed) will naturally encourage the journalist to write more stories in the same vein, or with the same aim. Thus, this gatekeeping factor is one that stretches into the newsroom from the outside world.

#### **6.4.10. How do the journalists' interactions with scientists affect their gatekeeping role?**

The science writers face a number of challenges in dealing with scientists, particularly with regard to obtaining access to scientists, communicating with scientists in understandable language, and presenting the scientists' information in a way that can be understood by the public.



The context of the scientific research arena means that “scientists are afraid of publicity and what their colleagues might say” (Nelkin, 1995: 144), while journalists can come to admire scientists so much that they neglect to ask probing and difficult questions (Holtz, 2002: 6-7):

Ashley Dunn, former technology editor at the *Los Angeles Times*, has suggested that science can be so alluring that reporters can risk forgetting that their true loyalty is to the public, not to the scientists they cover. “Science is so complex that to bring it alive you have to love it,” Dunn said. “You have to infuse it with your passion. Loving what you cover is a tricky path in journalism. Some reporters can be seduced by the wonder.”

Before each writer’s challenges in dealing with scientists is discussed, it is first necessary to consider that the number of articles in which the writers explain the science behind the story can be seen as being (but are not necessarily) directly related to the quality of the writers’ interactions with the scientists and their understanding of the scientific concepts.

Many of the explanatory science articles can be found in *Die Burger* and its Saturday edition, with Brits explaining 100% of her science articles, Strydom 70%, Bonthuys 64%, Claassen 64%, Louw 34% and Gunning 25%. For the *Cape Times*, Gosling explains the science in 68% of her articles, while for the *Cape Argus* and the *Weekend Argus*, Yeld explains it in 56% and Caelers in 42%.

However useful this comparison may be, it is nevertheless superficial and does not take into account all the relevant factors, and thus cannot be seen as the only indicator of the journalists’ interactions with the scientists. Meanwhile, the challenges that the journalists face in dealing with scientists are perhaps a more reliable gauge of the relationship between writers and scientists.

Gosling (*Cape Times* – environment) says that her problem lies not with scientists but with “getting government to speak” (2007):

Most governmental spokesmen and women are not informed and are hardly ever available. They demand all questions in writing – a hopeless way of getting information because questions arise from their answers (if they supply them) which you cannot ask them if you are to meet a deadline. Department officials are too scared to talk to the press and departmental media people don't seem to care if you go to press saying they did not get back to you. They would never get away with that in the UK or the USA.

In essence, these “departmental media people” also act as gatekeepers and ensure that the news does not even reach Gosling’s own “gates”.

Both of the *Cape Argus* science writers believe that explaining the scientists’ complicated information in simple language is the biggest challenge. Yeld (environment and science) says his main challenge is “ensuring accuracy while at the same time making stories intelligible and interesting for a non-scientific, lay readership” (2007).



For Caelers (health), the key challenge is “academic language” (2007):

I have learnt that that isn't impossible to get around it with a million questions. I explain to the scientists straight up that if I don't understand what they're saying, I have no hope of telling the story to my readers.

Strydom (*Die Burger* – health) agrees, saying that it is “quite a challenge” to keep reminding a professor to speak in a language which is understandable to her in order to ensure that it is understandable to the readers (2007). She also notes (as does Caelers) that scientists often want to check the articles before they are published.

Louw (*Die Burger* – agriculture) believes that the biggest challenge in dealing with scientists is to “present and convey their work in a more digestible form to the readers” (2007).

This is also a concern for Bonthuys (*Die Burger* – environment), who believes that the main challenges are gaining access to scientists, the creation of relationships of trust with the scientists, the ability to present complex concepts to the readers in simple language without sacrificing accuracy, and the fact that many scientists are unwilling to talk to popular publications (2007):

Generally, fantastic research is being done by numerous South African universities, but very few scientists can explain science in layman's terms and there is not enough communication. Many scientists have had problems with journalists somewhere along the line and are therefore very reluctant to speak to journalists. Some scientists also don't understand the newspaper market.

Bonthuys feels that the problem of gaining access to scientists could be rectified if every university had media officers in the science faculties (2007):

At Stellenbosch University, Engela Duvenage (media officer for the natural sciences faculty) understands what stories are newsworthy because she did her MPhil in science journalism and also worked as CapeNature's media officer. Over the years, she has built up a personal relationship with individual reporters and feels very strongly that science should get popular exposure. However, there are many A-rated scientists at UCT, but no communication unless you approach them for a story yourself.

While Brits (*Die Burger* – science) also believes that “getting the scientist to talk about their work in the first place” is the greatest challenge, she says she receives science news from scientific institutions all over the world because she is accredited with the American Association for the Advancement of Science and other organisations (2007):

The rest of the world is very effective in getting scientists to talk about their work – they send out daily reports on their work and are very accessible, but there is no such service in South Africa. Scientists need to be trained on how to deal with the media, something that Marina

Joubert from Southern Science is doing very well. The South African Academy of Science should take a much more aggressive role to communicate with the media in order to promote the work of scientists, and maybe set up a service like EurekAlert... We want to hear about the science, not the politics and the policies.

Thus, Bonthuys and Brits feel the need for universities to have their own gatekeepers who have a sense of what is newsworthy, so that more science news can arrive at the journalists' "gates".

Indeed, the specialist science writers cannot filter news through their "gates" (or exclude the news) if they are unaware of the news in the first place. In addition, even if the news arrives at the writers' "gates", bureaucratic structures (as described by Gosling above) can stymie the process. Thus, even if the journalists want to allow the news through the "gates", they are unable to do so because of a lack of co-operation and circumstances which are beyond their control.

Thus, the scientists and bureaucratic university and government systems are, in effect, gatekeepers which have a large effect on the selection of news.

#### **6.4.11. How do the journalists' interactions with their editors and fellow journalists affect their gatekeeping role?**

The final gatekeeping factor to be examined is a complex one. It relates not only to the science writers' interactions with their editors (within the structure of the newsroom) during the writing process, but also to the handing over of the article for editing and placing (which lies largely outside the influence of the journalist).

It is also within this arena that the need to sell newspapers comes into play. This and other related pressures on journalists are often indirect (Nelkin, 1995: 116), but (1995: 114):

Behind the concern about audience interests lies the necessity of profit. Newspapers must maintain circulation, attract advertising and not offend their advertisers, their owners, or their boards.

Despite all these complicated issues, however, the most common challenge for journalists is to convince their editors (who are often not scientifically literate) that their science stories are newsworthy and relevant. In order to contextualise this, it should be noted that Cornelia Dean, science editor of the *New York Times*, which has 13 full-time science writers and eight regular science contributors, says that selling science stories to editors "can sometimes be a battle" (Dean, 2002: 26).

This seemingly universal challenge could be because "editors evaluate news stories primarily on the basis of their colour and excitement, while science writers' evaluations are based more on accuracy and significance" (Nelkin, 1995: 108). This can potentially lead to mistakes in science articles.

Turning the focus back to Cape Town, Gosling (*Cape Times* – environment) says that her news editor, Tony Weaver, is particularly in favour of environment reporting. However (2007):

Staff cut backs, budgets cuts and juniorisation of newsrooms are three factors which I consider to be the most serious problems in newsrooms in South Africa today. It is probably true to say that I get the chance to do stories which take more than a day perhaps three times a year.

Meanwhile, Yeld (*Cape Argus* – environment and science) says that his editor, Chris Whitfield, is supportive of the science beat in general, although he still has to compete for space (2007):

Environment and science stories have to compete with all issues, so it's quite a problem to get space, but understandable. The editors are supportive, they trust what I am writing about and I generally get quite good coverage of what I write. I have to keep selling my stories and competing, but it keeps me on my toes.

Caelers (*Cape Argus* – health) says her editors tend to follow her lead and agree about what is important health news. She doesn't have a problem with getting stories placed, but she struggles to get HIV/Aids onto the front page because of pressure relating to newspaper sales (2007):

Research has been done – and [editor] Chris Whitfield will also tell you this – which shows that when Aids is the lead story, then sales go down because people have "HIV fatigue". Even on World Aids Day, we didn't have Aids as the lead. Chris is supportive but frank about this. So while my HIV/Aids stories will get a good position, it just won't ordinarily be the front page lead.

Bonthuys (*Die Burger* – environment) says that George Claassen (senior deputy editor and ombudsman) is very supportive, as was Igna Schneider when she was at *Die Burger*. She says that although most of her stories are published, it is more difficult to get stories in the smaller Saturday edition (2007):

I could do six features a week, but they wouldn't be used, so I do two to three solid news stories a week and once in 10 days I do a long feature. I would rather have two to three well chosen stories that have application and news value. And I would rather have a story used well on page 20 with graphics than on page 2, where it will be cut to pieces.

Bonthuys also believes that environmental stories are often not properly evaluated according to their news value because "people who take news decisions are often not very scientifically literate" (2007):

I find there is a huge interest in the "cute and cuddly" stories, but less interest in other environmental stories, unless they have sensational angles. It is often a struggle to convey the news value of environmental stories to the editors. I don't get stories on the front page, but it's a self-inflicted problem in a way. I could put a spin on a story so that it will be used earlier in the paper with greater prominence, but I want to stick to the story and not sensationalise it – then the scientists won't talk to us. I try to keep it objective, although there

is no such thing, and free from the influence of interest groups.

Bonthuys notes that other challenges include the newsdesks' expectations and news editors who don't understand how research process works (2007):

For example, if it's a hot day, then they'll ask for an article on climate change. It is also a challenge to write stories in the length wanted, as I have to explain the technical information. I am also finding more and more that there is a bigger emphasis on shorter stories at our newspaper (we are regularly told that people don't want to read long articles) and that there isn't really a commitment to quality content in environmental stories with many news editors or sub-editors. This is because stories are still in many ways seen as fillers and not considered to be fully-fledged stories with high quality news content.

Brits (*Die Burger* – science) says that her newspaper and especially George Claassen, Ilse Bigalke (who edits the forum page) and Liza Albrecht (who edits the By supplement) support her 100%.

She says that 10 years ago, there wasn't even one science story a month in *Die Burger* and now there is one a day. However, having her stories placed prominently can be difficult (2007):

I have only once had a front page story, in 2005, when developed dinosaur eggs found at Golden Gate 30 years ago, were excavated and found to be the oldest in the world, with 190 million year old babies inside. This was probably the first science that was on the front page since the moon landing 40 years ago. My stories do get published, I must stress that, and I don't want front page every week. I don't have to fight for every story, just sometimes, but prominence is the issue. Sometimes I do feel that major, international stories deserve a better page than page 18. Explaining to the news or content editors about why stories are important is sometimes difficult as a new discovery may sound insignificant to them.

Brits (2007) notes that while the sub-editors make very few mistakes and phone her when they change something, poor science stories are sometimes chosen from the wires.

Louw (*Die Burger* – agriculture) says that his editors are supportive in that they think he is doing a good job, although few editors are interested in agriculture (2007):

[This is] probably because I focus much more on the production side, which is of more interest to the producers (farmers) and less so for fellow journalists.

Louw has more far control over his articles than the other science writers do, because he not only edits the entire *Landbou* supplement, but also does the layout and therefore chooses which articles (and which content within the articles) to include or exclude. He also provides the headlines for his own articles, whereas the other science writers can generally only make suggestions.

This involvement in the entire news gathering and editing procedure means that Louw's decisions span

the whole gatekeeping process. He says that choices about which news to include are very subjective and that he has developed a feel for this decision-making by attending many meetings with farmers and thereby learning about what is important to them.

Louw notes that there is so much news that he would like to cover that he could fill a 100-page supplement every two weeks (2007). *Landbou* was generally around 16 pages long during the two months in which the newspapers were monitored, although it has reached 28 pages since then.

Strydom (*Die Burger* – health) says that *Die Burger*'s assistant news editor, Michele O'Connor, who used to be a health reporter, is supportive. O'Connor provides her with contact numbers of specialists in the field and helps her to understand certain technical aspects better. However, Strydom notes that she and her editors have different opinions on what is newsworthy.

Strydom likes stories which have an impact on people and which contain “news you can use”, such as cough syrup being withdrawn from the market. However, she finds it difficult to get human interest stories into the paper (2007):

The challenge in working with the editors is making the news understandable to them and making them realise the impact of the story. Aids is much easier to get in than, say, irregular heart rhythms. I have had four leads since I started – TB twice, vitamins and the TAC / Qunta case. My stories aren't on the front page a lot – I had an XDR-TB article and photo of a patient coughing on someone on the front page, but it was moved off for a rugby story. I have to keep selling and pushing.

Selling the story to the news editor does not necessarily mean that it will be printed, however, as it still has to move through the “gates” of the night news staff. This is a problem that Strydom (2007) encounters:

When I present my ideas for articles at the news conference in the morning, my news editor will help to fine-tune it. The night news editors, however, are not that involved in the process and only meet with the news editor. I therefore do not have a chance to sell my story to them and what often happens is that my stories on Aids denialism for example will get dropped in favour of a crime story which will sell better.

Strydom believes that more health news is found on the front pages of English newspapers because “the English readers are more interested in health news than Afrikaans readers”.

This was, however, not true in Cape Town's newspapers during the two-month period in which the newspapers were studied. *Die Burger* had nine science leads overall (including six about medicine and health – five about the hospital strike and one about healthcare administration), while the *Cape Times* had 15 science leads (including four about medicine and health – one about Aids and three about healthcare administration) and the *Cape Argus* six (including two about medicine and health – both about the hospital strike).

Thus, *Die Burger* had the most medicine and health leads of all the daily newspapers during this time and Strydom's perception is therefore not correct. Ironically, one of *Die Burger's* leads about the hospital strike was written by the agriculture reporter (Gunning). Gosling (*Cape Times*) wrote six leads – three about energy, two about agriculture and one about meteorology.

For the weekend newspapers, the *Saturday Argus* and the *Sunday Argus* each had one science lead and the Saturday edition of *Die Burger* had three science leads, with each newspaper having one medicine and health lead (about the hospital strike in the *Saturday Argus* and the Saturday edition of *Die Burger*, and about hospital administration at the Frere Hospital in the *Sunday Argus*).

In conclusion, Cape Town's newspaper journalists face an array of challenges when working with editors, despite the fact that their newspapers are supportive of their beats. These challenges predominantly relate to editors not understanding the importance of science stories, stories being placed far back in the newspaper, stories not being placed if the editors don't think they are relevant, and the inclusion of news agency stories which are not necessarily accurate.

This gatekeeping factor has perhaps the biggest influence on what is ultimately printed, and it is one that does not lie in the hands of the specialist science writers. It can thus be seen as the end of the gatekeeping process (as far as the journalists are concerned). Thus, even if a journalist has allowed a news story to pass through many of his or her own "gates", it can still be stopped by an editor at this final "gate".

## 6.5. Conclusion

In conclusion, the explorations of the eleven gatekeeping factors described above (the science writers' formal education, career paths, definition of science, interests in various scientific fields, approach to their beat as part of the science beat, which science debates they see as important, why they see science reporting as important, their perceptions of what their newspaper covers, and their interactions with the public, scientists and editors) confirm the thesis statement of this study.

In other words, this chapter, which describes the qualitative research findings and interprets the quantitative research findings, has provided strong evidence that (as postulated at the outset of this study) the individual science writers' education, knowledge, interests, beliefs about science, attitudes towards their reporting and interactions with editors within the newspaper structures influence the coverage of science news in their newspapers.

It should be noted that while the science writers themselves have been shown to be the predominant influence on the gatekeeping process and ultimately on the coverage of science in their newspapers, they are not the only influence. Many other factors from outside the newsroom, relating to audiences and societal norms, are not within the scope of this study and were therefore not considered in the analysis. However, they would provide a worthwhile topic for future research in order to complement the findings from this study.

In addition, the gatekeeping model is not able to address completely all the factors involved in newspaper reporting. It is advised that future studies based on the same newspapers should employ different models and theoretical frameworks, not because a different model will provide all the answers, but because each model complements the others and can provide some of the puzzle pieces of this multifaceted process.

However, having said that, the gatekeeping model nevertheless proved to be a useful one which yielded a wealth of information, bringing understanding and meaning to the quantitative research findings. The analysis provided in this chapter answers the question of why the science news differs from newspaper to newspaper, with all the evidence pointing strongly to the unique influences of the individual science writers.

Thus, having considered various gatekeeping factors that impact journalists as they go about their daily tasks of selecting news that is, in their opinion, newsworthy and “fit to print”, it becomes appropriate to re-examine the research hypotheses / predictions that were first proposed in the introductory chapter to this study.

As explored earlier in this chapter, and drawing both from the statistical evidence of Chapter 5 and the science writers’ comments in this chapter, the following two hypotheses were found to be true and valid:

- How specialist science reporters define and delineate the concept of science has a significant bearing on the amount and range of science news in their newspapers; and
- Specialist science reporters do not cover all science topics equally; they cover areas of personal interest and / or areas where they are knowledgeable and / or areas which they believe to be of importance.

However, the following two hypotheses were found to be not fully true or completely valid. In some instances, they were found to be wrong. These failed hypotheses will be explored in detail in Chapter 7:

- Newspapers with specialist science reporters contain more science news and also a wider range of science news than newspapers without specialist science reporters; and
- Specialist science reporters who have editors who believe in the importance of science coverage will generate more science news and also a wider range of science news than specialist science reporters who do not have editors who believe in the importance of science coverage.

It should be repeated at this juncture that this study and these hypotheses are in no way an attempt to critically analyse the quality of the science coverage. In other words, the study and its findings do not judge how accurate or effective the coverage is. Instead, this study sought to explore what is covered in the newspapers, and to consider some of the reasons why specific types of science news are covered.

Finally, before moving onto the concluding chapter and its recommendations, it is enlightening to consider

that all the science writers who were interviewed have their own recommendations for improving the state of science journalism. Brits (2007) would like to see a science desk with a science editor at each newspaper, while Yeld (2007) feels the South African National Editors' Forum should be approached to persuade editors to have dedicated or specialised science columns.

Caelers says an improvement in science journalism would have to start with "a commitment from editors that the beat is an essential one, followed by training and workshops to ensure those who cover these stories are knowledgeable and educated" (2007).

Strydom agrees that training is the key, saying that there should be more courses in specific fields for journalists covering these beats and "more involvement from the universities' side in helping journalists understanding the diseases and treatment better" (2007).

Louw (2007) suggests that it is necessary to attract more people who have a scientific background to journalism and that people who do not have a scientific background should receive better training so that they can "cultivate and nurture a love of the sciences" (2007).

Bonthuys would also like to see more science journalism offered by universities. She believes that South African universities need to offer specialised environmental journalism degrees, as in American journalism schools, suggesting that "a chair in science or environmental reporting could possibly be appointed at Stellenbosch or Rhodes" (2007).

Gosling (2007) takes a broader view, saying that the overall state of journalism needs to be improved first ("by paying people well, employing experienced people and increasing the numbers of staff") and then concentrating on improving specialist beats.

Having concluded this chapter with the science writers' own recommendations, this study will now summarise the overall findings and bring together all the aspects of the research in Chapter 7, which provides the final conclusions and recommendations.



## 7. Conclusions and recommendations

The findings of this study – a comparative analysis of the coverage of science news in three daily newspapers and three weekend newspapers in Cape Town between 1 June 2007 and 31 July 2007 – confirmed the expectations raised by the original problem statement, namely that the city's six major newspapers each cover science news very differently.

This chapter concludes the study by reflecting on and summarising its main findings, methodology, theory, thesis, research hypotheses and literature review. It also discusses the study's validity, reliability, significance and value, before providing a list of recommendations for future research and practical suggestions for the six newspapers.

### 7.1. Main findings

The 10 main findings of the quantitative content analysis of science news in the six newspapers are summarised below. It is intended to be merely a brief overview, because the comprehensive findings (and a number of issues that they raised) are explained and explored in detail in Chapters 5 and 6 of this study.

- **Most science coverage:** The newspapers with the most science coverage (both in terms of the total number of items and the total length of the items) were the *Cape Times* (daily) and the *Saturday Argus* (weekend).
- **Categories most covered:** The science category most covered by editorial in the *Cape Argus* and *Die Burger* was life sciences, while the science category most covered by editorial in the *Cape Times*, *Saturday Argus*, *Sunday Argus* and the Saturday edition of *Die Burger* is medicine and health.
- **Science explained:** *Die Burger* (daily) and the *Saturday Argus* (weekend) contained the greatest percentage of science editorial where the science behind the story is explained.
- **Scientists' editorial:** *Die Burger* (daily) and the Saturday edition of *Die Burger* (weekend) contained the greatest percentage of science editorial written by scientists.
- **News agencies:** The *Cape Times* (daily) and the *Saturday Argus* (weekend) contained the greatest percentage of science editorial from news agencies.
- **South Africa:** *Die Burger* (daily) and the Saturday edition of *Die Burger* (weekend) contained the greatest percentage of science editorial about South Africa.
- **Placement:** The *Cape Times* (daily) and the Saturday edition of *Die Burger* (weekend) contained the most lead stories about science. The *Cape Times* (daily) and the *Sunday Argus* (weekend)

contained the greatest percentage of science editorial on pages 1-10 of the newspaper.

- **Letters:** The *Cape Times* (daily) and the Saturday edition of *Die Burger* (weekend) contained the most letters about science, and the most letters by scientists about science. The science category most covered by letters in the *Cape Argus*, *Cape Times*, *Die Burger*, the *Saturday Argus* and the *Sunday Argus* is life sciences, while the science category most covered by letters in the Saturday edition of *Die Burger* is science and beliefs.
- **Photographs:** *Die Burger* (daily) and the Saturday edition of *Die Burger* (weekend) contained the most science stand-alone photographs. The *Cape Times* (daily) and the *Saturday Argus* (weekend) contained the most science stand-alone photographs by their own photographers. The science category most covered by stand-alone photographs in the *Cape Argus*, *Cape Times*, *Die Burger*, the *Saturday Argus*, the *Sunday Argus* and the Saturday edition of *Die Burger* is life sciences.
- **Cartoons:** The *Cape Times* (daily) and the *Saturday Argus* (weekend) contained the most science cartoons. The science category most covered by cartoons in the *Cape Argus*, *Cape Times* and *Die Burger* was life sciences, while for the Saturday edition of *Die Burger* it was earth sciences and for the *Saturday Argus*, it was physical sciences, life sciences, and medicine and health equally. There were no science cartoons in the *Sunday Argus*.

## 7.2. Methodology, theory and thesis

This study commenced its research with a quantitative content analysis. Once this had been completed, the qualitative research methods of survey questionnaires and in-depth interviews were employed in order to address the thesis of this study, namely that the individual science writers' education, knowledge, interests, beliefs about science, attitudes towards their reporting and interactions with editors within the newspaper structures influence the coverage of science news in their newspapers.

This section of the research was conducted using the theoretical framework of the gatekeeping model, which theorises about how journalists make decisions regarding what news to allow through certain gates (both in their minds and in the newsroom) and into print. Using this model, it was found that the thesis statement was largely, but not exclusively, true. In other words, science writers, acting as gatekeepers, have a significant influence on what news is selected and published, although there are also many other factors whose influence is difficult to quantify.

## 7.3. Research hypotheses

In addition to the confirmation of the study's thesis, the following two research hypotheses / predictions formulated prior to the commencement of the study were also found to be true and valid:

- **First hypothesis:** How specialist science reporters define and delineate the concept of science

has a significant bearing on the amount and range of science news in their newspapers; and

- **Second hypothesis:** Specialist science reporters do not cover all science topics equally; they cover areas of personal interest and / or areas where they are knowledgeable and / or areas which they believe to be of importance.

However, and very unexpectedly, the other two research hypotheses / predictions were found not to be fully true or completely valid. In a number of instances, they were even found to be wrong. These two hypotheses are listed below, and each is followed by a discussion and analysis of why the prediction failed.

- **Third hypothesis:** Newspapers with specialist science reporters contain more science news and also a wider range of science news than newspapers without specialist science reporters.

Regarding this research hypothesis / prediction, it was found that newspapers with more specialist science writers do not necessarily contain more science news.

In fact, the *Cape Times* (one science writer) and the *Saturday Argus* (no science writers but occasionally using material from the *Cape Argus*) published the most science news during the period monitored, whereas *Die Burger* and the Saturday edition of *Die Burger*, which have six science writers between them, printed the second most news. In last place were the *Cape Argus* (two science writers) and the *Sunday Argus* (no science writers but occasionally using material from the *Cape Argus*).

The most likely explanation for this anomaly can be found when one examines the percentage of articles from news agencies. Indeed, the *Cape Times* and the *Saturday Argus* used the greatest percentage of news agency material, and this inflated the figures.

Secondly, it was found that newspapers with more specialist science writers do not necessarily contain a wider range of science news. All the newspapers in the study contained (to the researcher's great surprise) relatively similar amounts of science news in each category, with the notable exceptions being *Die Burger* having around 100 more life sciences editorial items than the *Cape Argus* and *Cape Times*, and the *Cape Times* having around 90 more technology articles than the *Cape Argus* and *Die Burger*.

The large number of technology articles in the *Cape Times* can be attributed to this newspaper's weekly four-page technology supplement (*Techno Times*). The large amount of life sciences editorial in *Die Burger*, on the other hand, is more difficult to explain, but it could be due to the fact that a number of *Die Burger*'s science journalists regularly write about life sciences – for Leon Louw (agriculture), this category formed 92% of his science news during the two months in which the newspapers were monitored, while for Eugene Gunning (agriculture), it formed 87%, for Jorisna Bonthuys (environment) 76%, Elsabé Brits (science) 35%, George Claassen (science) 27% and Diana-Marié Strydom (health) 3%.

This should be compared with the *Cape Times* and *Cape Argus*, which each had only one science writer

reporting on life sciences during the two-month period in which the newspapers were monitored.

- **Fourth hypothesis:** Specialist science reporters who have editors who believe in the importance of science coverage will generate more science news and also a wider range of science news than specialist science reporters who do not have editors who believe in the importance of science coverage.

This research hypothesis / prediction takes into account only the articles written by the science writers and not the total number of articles from journalists and news agencies, as the other three hypotheses do.

During the two months in which the newspapers were monitored, John Yeld, the environment and science writer for the *Cape Argus*, wrote the most articles (61). Interestingly and incongruously, the *Cape Argus* (along with the *Saturday Argus* and the *Sunday Argus*) is the only newspaper of those monitored which does not have an editor with a particular interest in science, although, according to Yeld (2007), the editor, Chris Whitfield, is nevertheless “supportive of the science beat”.

The second highest number of articles (47) came from Melanie Gosling, environment writer for the *Cape Times*, who says that her news editor, Tony Weaver, “is particularly in favour of environment reporting” (2007). In addition, Alide Dasnois recently joined the *Cape Times* as deputy editor and has been keen to increase the science content (Stent, 2007). The third highest number of articles (40) came from Diana-Marié Strydom, health writer for *Die Burger*, who is supported by the assistant news editor, Michelé O’Connor, who used to be a health reporter, and *Die Burger’s* senior deputy editor, ombudsman, former science editor and current science writer, George Claassen.

The fourth highest number of articles (38) was by Di Caelers, health writer for the *Cape Argus*, followed by five journalists from *Die Burger* – science writer Elsabé Brits (37), environment writer Jorisna Bonthuys (25), editor of *Landbou* and agriculture writer Leon Louw (25), agriculture writer Eugene Gunning (16) and science writer George Claassen (11).

It should also be borne in mind that a number of the science writers took leave during June and July 2007 and that this may have had a significant impact on the total number of articles they wrote in this period.

## 7.4. Literature review

A literature review about science coverage in newspapers was conducted at the outset of this study. It revealed a number of trends which appeared to be constant and relevant throughout the world. The review explored the findings of studies done in South Africa, Australasia, South America, Europe and the United Kingdom.

The following generalisations from the literature study were tested and found to be true of the science coverage in Cape Town newspapers as well:

- few studies have been done on science reporting in developing countries;
- the presence of science writers at a newspaper ensures a constant flow of science news;
- most science stories are about medicine or life sciences; and
- journalists in developing countries report more on foreign science than local science.

The following generalisations were, however, unable to be tested because they are only able to be answered in an audience research (and are therefore outside the scope of this study) or because they deal with questions relating to the quality of the reporting (also outside the scope of this study):

- across the world, science coverage forms a small part of overall news coverage;
- science stories are often used as fillers and lack context;
- the media influences the way the public views science and scientific debates;
- journalists often lack scientific general knowledge;
- science stories are more effective when they are relevant to the public;
- journalists in general are dependent on peer-reviewed scientific journals as sources; and
- journalists use stories from foreign news agencies without providing local context.

These trends could form the basis for a future study focusing on readers or on the quality of the science articles. Meanwhile, the only generalisation which proved to be partially incorrect when weighed against the findings of this study was the following:

- most science stories do not explain the science behind the news

While this statement was found to be true for all the daily newspapers (the *Cape Argus*, *Cape Times* and *Die Burger* explained the science behind the news in less than 50% of their editorial items), it was a different story with the weekend newspapers, as the *Saturday edition of Die Burger* explained 60% of its science editorial, the *Sunday Argus* 71% and the *Saturday Argus* 75%.

## 7.5. Validity and reliability of the study

Notwithstanding the fact that this study was limited because it was conducted over a relatively short period of time (two months) and that it is region-specific (and therefore cannot be used to generalise for science coverage in newspapers in the rest of South Africa), its findings are nevertheless believed by the researcher to be valid and reliable for the reasons explained below.

Firstly, the study used three different methodologies, namely the quantitative research method of content analysis and the qualitative research methods of survey questionnaires and in-depth interviews. Through adhering to this method of “triangulation”, the limitations inherent in each research method were neutralised by approaching the same problem and questions from varying angles. In addition, the findings were further validated by being confirmed up to three times through the use of (and the information yielded by) three different research methods.

Secondly, the study was conducted within a reliable and tested theoretical framework, namely that of the gatekeeping model, including elements of agenda-setting and the concept of newsworthiness. The theory informed the methods, and vice versa, throughout the research process, thereby further strengthening the validity and reliability of the study.

Finally, only one researcher performed the content analysis and thus there were no problems with the categorisation of the science news, as may have occurred had different researchers (with different concepts of science news) conducted the analysis. However, it must be pointed out that, as outlined in Chapter 4, the categorisation of science news, even for a single researcher, presented a number of challenges.

## **7.6. Significance and value of the study**

This study is believed by the researcher to be significant, valuable and relevant within a number of broad and specific contexts, as outlined below. Firstly, it addresses the topic of science journalism, which is becoming increasingly important (as a process of reporters informing readers about issues which affect their lives) in a world dominated by scientific and technological advances. Secondly, it fills a large gap in our media knowledge, since no previous studies had been done on the overall state of science journalism in Cape Town newspapers.

Thirdly, it is a study with beneficial and practical outcomes and suggestions (based on the evidence yielded by the research) that can be put into practice by science writers, editors and newspapers, and can also be used as a resource in South African journalism schools which offer science journalism as a module or are considering doing so. Finally, this study was constructed and conducted in such a way that it can easily be repeated by any other researcher, and it is hoped that replicate studies will yield information which will shed more light on the long-term trends in science reporting in Cape Town newspapers.

## **7.7. Recommendations**

This study monitored the six newspapers for two months, yielding a large amount of reliable data. However, it is recommended that this study be replicated over a period of a year or longer, so that it can be established whether the patterns found are long-term trends or not. In addition, a future study could also incorporate more extensive qualitative research methods in order to test a number of alternative theories and models against the findings obtained by using the gatekeeping model.

It is further recommended that a future content analysis of science coverage in Cape Town newspapers should also look at how well the science is explained in the articles and whether there are any errors. This would be a challenging qualitative study and would probably necessitate the involvement of scientists across a number of fields. Another useful study would be to conduct audience research in order to find out how the readers of these six newspapers understand and are educated by the science articles they read. The knowledge gap theory would probably be the most appropriate theoretical framework for this purpose.

It is also suggested that the specialist science writers and their editors examine the findings of this study and compare the actual science coverage in their newspapers with how they thought they covered science and also with how they aim to cover science. The findings in this study are able to provide the writers and editors with comprehensive information about their individual newspapers, as well as useful comparisons with the other newspapers.

Finally, some specific suggestions follow for the newspapers monitored in this study. It is recommended that the *Cape Times* appoint a replacement science reporter while environment writer Melanie Gosling is on sabbatical for a year at Harvard University. With Gosling being away, the *Cape Times* does not currently have any science writers and thus the news agencies are the newspaper's sole source of science and environment news. In addition, it is recommended that the *Cape Times* broaden the scope of its "in-house" coverage to include detailed articles about "pure" science and health as well. This would enable it to compete on a more equal footing with *Die Burger* and the *Cape Argus*.

For *Die Burger* and the Saturday edition of *Die Burger* (which are essentially considered the same newspaper), no substantial changes (besides the possible inclusion of more technology news) are recommended, because these newspapers already have a science desk with six specialist science writers. A possible suggestion, however, would be to harness the wealth of intellectual capital already available by starting a monthly general science supplement with in-depth articles from all six science writers. This would be an informative tool which would also provide an opportunity to show readers how the numerous fields of science are interwoven and interdependent.

For the *Saturday Argus* and the *Sunday Argus*, which both lack locally generated science copy, the suggestion is to establish a science desk which either formally includes the *Cape Argus* science writers in the weekend newspapers' team, or appoints one or two new science writers specifically for the *Weekend Argus*. The *Cape Argus*'s science writers, Di Caelers (health) and John Yeld (environment and science) both have many years of experience, and therefore this could be an opportunity for them to mentor junior reporters who could be trained as science writers for the *Saturday Argus* and the *Sunday Argus*.

A final recommendation for all the newspapers monitored in this study is that they should regularly assess their science coverage, both in terms of how much science and what types of science they cover. This introspection will not only be beneficial to the individual newspapers, science writers and editors, but will also assist in maintaining and improving the standard of science journalism in Cape Town as the newspapers make changes and adjustments where necessary.

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## Appendices

## **Appendix A:**

Summary of science coverage data for the *Cape Argus*, *Cape Times*, *Die Burger*, *Saturday Argus*, *Sunday Argus* and the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

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<b>1</b>	<b>Grand Totals</b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
	Total number of articles	493	692	511	248	187	142
	Total number of columns	46	49	91	36	70	107
	Total number of editorial comments	11	16	20	1	2	4
	Total number of letters	55	69	46	14	8	31
	Total number of stand-alone photographs	11	29	50	10	14	16
	Total number of cartoons	14	15	3	3	0	2
	<b>Grand total of number of items: 3116</b>	<b>630</b>	<b>870</b>	<b>721</b>	<b>312</b>	<b>281</b>	<b>302</b>
<b>2</b>	<b>Science Explained (articles, columns, editorial comments)</b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
	Grand total of number of items (articles, columns and editorial comments)	550	757	622	285	259	253
	<b>Grand total of number of items where science is explained</b>	<b>173</b>	<b>315</b>	<b>302</b>	<b>214</b>	<b>185</b>	<b>152</b>
	Number of PHYSICAL SCIENCES items	68	89	46	25	16	28
	Number of physical sciences items where science is explained	25	41	28	22	13	16
	Number of EARTH SCIENCES items	89	134	84	35	31	37
	Number of earth sciences items where science is explained	36	54	58	28	29	27
	Number of LIFE SCIENCES items	175	185	274	97	84	77
	Number of life sciences items where science is explained	58	68	117	71	55	41
	Number of MEDICINE AND HEALTH items	177	212	166	104	90	85
	Number of medicine and health items where science is explained	43	82	80	73	65	54
	Number of TECHNOLOGY items	39	128	33	18	33	15
	Number of technology items where science is explained	10	65	11	14	18	6
	Number of SCIENCE AND BELIEFS items	2	9	19	6	5	11
	Number of science and beliefs items where science is explained	1	5	8	6	5	8
<b>3</b>	<b>Authors (articles, columns, editorial comments)</b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
	<b>Grand total of number of articles, columns and editorial comments</b>	<b>550</b>	<b>757</b>	<b>622</b>	<b>285</b>	<b>259</b>	<b>253</b>
	Number of articles by journalists	490	671	503	247	186	139
	Number of columns by journalists	38	36	61	25	70	97
	Number of editorial comments by journalists	11	16	20	1	2	4
	<b>Total number of articles, columns and editorial comments by JOURNALISTS</b>	<b>539</b>	<b>723</b>	<b>584</b>	<b>273</b>	<b>258</b>	<b>240</b>
	Number of articles by scientists or specialists	3	21	8	1	1	3
	Number of columns by scientists or specialists	8	13	30	11	0	10
	<b>Total number of articles and columns by SCIENTISTS OR SPECIALISTS</b>	<b>11</b>	<b>34</b>	<b>38</b>	<b>12</b>	<b>1</b>	<b>13</b>



4	Lead Articles (articles)	CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	Grand total of number of articles	493	692	511	248	187	142
	<b>Grand total of number of lead articles</b>	<b>6</b>	<b>15</b>	<b>9</b>	<b>1</b>	<b>1</b>	<b>3</b>
	Number of articles about astronomy	0	0	0	0	0	0
	Number of articles about chemistry	0	0	0	0	0	0
	Number of articles about energy (electricity)	0	0	0	0	0	1
	Number of articles about energy (nuclear)	0	2	0	0	0	0
	Number of articles about energy (oil and gas)	0	0	0	0	0	0
	Number of articles about energy (renewable)	0	1	0	0	0	0
	<i>Total number of articles about energy</i>	<i>0</i>	<i>3</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>
	Number of articles about mathematics	0	0	0	0	0	0
	Number of articles about physics	0	0	0	0	0	0
	<b>Total number of lead articles about PHYSICAL SCIENCES</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
	Number of articles about climate change	0	0	0	0	0	0
	Number of articles about geology	0	0	0	0	0	0
	Number of articles about meteorology	4	4	3	0	0	1
	Number of articles about palaeontology and archaeology	0	0	0	0	0	0
	Number of articles about water	0	0	0	0	0	0
	<b>Total number of lead articles about EARTH SCIENCES</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>
	Number of articles about agriculture	0	2	0	0	0	0
	Number of articles about animals (birds)	0	0	0	0	0	0
	Number of articles about animals (farm)	0	0	0	0	0	0
	Number of articles about animals (marine)	0	1	0	0	0	0
	Number of articles about animals (pets)	0	0	0	0	0	0
	Number of articles about animals (wildlife)	0	0	0	0	0	0
	<i>Total number of articles about animals</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
	Number of articles about environment and pollution	0	1	0	0	0	0
	Number of articles about evolution	0	0	0	0	0	0
	Number of articles about genetics	0	0	0	0	0	0
	Number of articles about plants	0	0	0	0	0	0
	<b>Total number of articles about LIFE SCIENCES</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Number of articles about Aids	0	1	0	0	0	0
	Number of articles about diseases and treatment	0	0	0	0	0	0
	Number of articles about food and product safety	0	0	0	0	0	0
	Number of items about healthcare administration (Frere Hospital)	0	0	0	0	1	0
	Number of articles about healthcare administration (malpractice)	0	1	0	0	0	0
	Number of articles about healthcare administration (other)	0	2	1	0	0	0
	<i>Total number of articles about healthcare administration</i>	<i>0</i>	<i>3</i>	<i>1</i>	<i>0</i>	<i>1</i>	<i>0</i>
	Number of articles about hospital strike	2	0	5	1	0	1
	Number of articles about mental health	0	0	0	0	0	0
	Number of articles about nutrition	0	0	0	0	0	0

		CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	Number of articles about other	0	0	0	0	0	0
	Number of articles about smoking	0	0	0	0	0	0
	<b>Total number of articles about MEDICINE AND HEALTH</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>1</b>
	Number of articles about computers	0	0	0	0	0	0
	Number of articles about internet and email	0	0	0	0	0	0
	Number of articles about other	0	0	0	0	0	0
	Number of articles about telecommunication	0	0	0	0	0	0
	<b>Total number of articles about TECHNOLOGY</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Number of articles about pseudoscience and superstition	0	0	0	0	0	0
	Number of articles about science and religion	0	0	0	0	0	0
	<b>Total number of articles about SCIENCE AND BELIEFS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>5</b>	<b><u>Sources by Type (articles, columns, editorial comments)</u></b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
	<b>Grand total of number of articles, columns and editorial comments</b>	<b>550</b>	<b>757</b>	<b>622</b>	<b>285</b>	<b>259</b>	<b>253</b>
	Number of items by / specifically for the Cape Argus	315	0	0	0	0	0
	Number of items by / specifically for the Cape Times	0	315	0	0	0	0
	Number of items by / specifically for Die Burger	0	0	560	0	0	0
	Number of items by / specifically for the Saturday Argus	0	0	0	154	0	0
	Number of items by / specifically for the Sunday Argus	0	0	0	0	149	0
	Number of items by / specifically for the Saturday Burger	0	0	0	0	0	235
	<b>Total number of items by / specifically for THE NEWSPAPER</b>	<b>315</b>	<b>315</b>	<b>560</b>	<b>154</b>	<b>149</b>	<b>235</b>
	Number of items from the Baltimore Sun	1	0	0	0	0	0
	Number of items from the Belfast Telegraph	0	2	0	0	0	0
	Number of items from the Boston Globe	0	0	0	0	0	1
	Number of items from the Daily Mail	20	0	0	34	17	0
	Number of items from the Daily Mirror	0	0	0	0	0	1
	Number of items from the Daily Telegraph	5	0	0	3	4	0
	Number of items from the Hindustan Times	0	0	0	0	0	1
	Number of items from the Independent	0	19	0	3	5	1
	Number of items from the Irish Independent	2	1	0	0	0	0
	Number of items from the Los Angeles Times	1	7	0	0	0	0
	Number of items from The Mail on Sunday	1	0	0	0	0	0
	Number of items from the New York Times	0	0	0	0	0	2
	Number of items from the Sun	0	0	0	0	0	1
	Number of items from the Sunday Telegraph	0	0	0	0	1	0
	Number of items from the Washington Post	13	0	0	9	9	0
	Number of items from the Zimbabwe Herald	1	0	0	0	0	0

		CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	<b>Total number of items from FOREIGN NEWSPAPERS</b>	<b>44</b>	<b>29</b>	<b>0</b>	<b>49</b>	<b>36</b>	<b>7</b>
	Number of items from Agence France-Presse (AFP)	9	3	3	4	6	0
	Number of items from Ananova.com	8	4	0	1	0	0
	Number of items from Associated Press (AP)	19	1	2	9	0	0
	Number of items from Bangshowbiz.com	0	0	1	0	0	0
	Number of items from British Broadcasting Corporation (BBC)	0	0	1	0	0	0
	Number of items from Central News Network (CNN)	0	0	0	0	0	1
	Number of items from European Pressphoto Agency (EPA)	0	0	0	0	0	0
	Number of items from Health-e News Service	1	5	0	0	0	0
	Number of items from Reuters	19	58	21	13	39	4
	Number of items from Sapa	78	189	28	44	22	5
	Number of items from Sky News	0	0	0	0	0	1
	Number of items from The Big Eyed Deer	0	35	0	0	0	0
	Number of items from unnamed news agency	51	116	4	10	6	0
	Number of items from West Cape News	6	0	0	1	0	0
	<b>Total number of items from NEWS AGENCIES</b>	<b>191</b>	<b>411</b>	<b>60</b>	<b>82</b>	<b>73</b>	<b>11</b>
	<b>Total number of items from OTHER SOURCES</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>6</b>	<b>Sources by Science Category (articles, columns, editorial comments)</b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
	<b>Grand total of number of articles, columns and editorial comments</b>	<b>550</b>	<b>757</b>	<b>622</b>	<b>285</b>	<b>259</b>	<b>253</b>
	Number of items by / specifically for the newspaper - Physical Sciences	42	36	42	16	11	23
	Number of items by / specifically for the newspaper - Earth Sciences	43	52	63	22	23	35
	Number of items by / specifically for the newspaper - Life Sciences	121	98	262	67	66	71
	Number of items by / specifically for the newspaper - Medicine and Health	98	98	152	36	32	80
	Number of items by / specifically for the newspaper - Technology	9	28	26	9	15	15
	Number of items by / specifically for the newspaper - Science and Beliefs	2	3	15	4	2	11
	<b>Total number of items by / specifically for the newspaper</b>	<b>315</b>	<b>315</b>	<b>560</b>	<b>154</b>	<b>149</b>	<b>235</b>
	Number of items from overseas newspapers - Physical Sciences	2	5	0	3	1	1
	Number of items from overseas newspapers - Earth Sciences	6	4	0	2	0	1
	Number of items from overseas newspapers - Life Sciences	9	2	0	8	6	3
	Number of items from overseas newspapers - Medicine and Health	17	10	0	31	19	2
	Number of items from overseas newspapers - Technology	10	8	0	3	8	0
	Number of items from overseas newspapers - Science and Beliefs	0	0	0	2	2	0
	<b>Total number of items from overseas newspapers</b>	<b>44</b>	<b>29</b>	<b>0</b>	<b>49</b>	<b>36</b>	<b>7</b>
	Number of items from news agencies - Physical Sciences	24	48	4	6	4	4
	Number of items from news agencies - Earth Sciences	40	77	21	11	8	1
	Number of items from news agencies - Life Sciences	45	84	12	22	12	3

		CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	Number of items from news agencies - Medicine and Health	62	104	12	37	39	3
	Number of items from news agencies - Technology	20	92	7	6	9	0
	Number of items from news agencies - Science and Beliefs	0	6	4	0	1	0
	<b>Total number of items from news agencies</b>	<b>191</b>	<b>411</b>	<b>60</b>	<b>82</b>	<b>73</b>	<b>11</b>
	Number of items from other sources - Physical Sciences	0	0	0	0	0	0
	Number of items from other sources - Earth Sciences	0	1	0	0	0	0
	Number of items from other sources - Life Sciences	0	1	0	0	0	0
	Number of items from other sources - Medicine and Health	0	0	2	0	0	0
	Number of items from other sources - Technology	0	0	0	0	1	0
	Number of items from other sources - Science and Beliefs	0	0	0	0	0	0
	<b>Total number of items from other sources</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>7</b>	<b><u>Regions (articles, columns, editorial comments)</u></b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
	<b>Grand total of number of articles, columns and editorial comments</b>	<b>550</b>	<b>757</b>	<b>622</b>	<b>285</b>	<b>259</b>	<b>253</b>
	Number of items about South Africa (Western Cape)	191	167	289	67	47	88
	Number of items about South Africa (Eastern Cape)	18	16	14	4	6	4
	Number of items about South Africa (Gauteng)	8	11	20	12	4	2
	Number of items about South Africa (KwaZulu-Natal)	6	9	12	6	2	3
	Number of items about South Africa (Northern Cape)	3	7	14	0	1	2
	Number of items about South Africa (Free State)	4	1	4	0	1	0
	Number of items about South Africa (North West)	3	5	2	2	2	0
	Number of items about South Africa (Mpumalanga)	8	2	9	1	0	2
	Number of items about South Africa (Limpopo)	1	1	2	2	0	2
	Number of items about South Africa (general)	108	155	132	39	41	65
	<b>Total number of items about SOUTH AFRICA</b>	<b>350</b>	<b>374</b>	<b>498</b>	<b>133</b>	<b>104</b>	<b>168</b>
	Number of items about Africa	39	84	30	20	32	21
	Number of items about Asia (Far East and Russia)	30	64	18	14	7	8
	Number of items about Asia (Middle East and India)	11	34	7	9	5	7
	<i>Total number of items about Asia</i>	<i>41</i>	<i>98</i>	<i>25</i>	<i>23</i>	<i>12</i>	<i>15</i>
	Number of items about America (Central and South)	7	3	4	5	8	5
	Number of items about America (North)	52	92	23	41	43	23
	<i>Total number of items about the Americas</i>	<i>59</i>	<i>95</i>	<i>27</i>	<i>46</i>	<i>51</i>	<i>28</i>
	Total number of items about Australasia	5	12	3	8	8	2
	Number of items about Europe (other)	14	52	19	21	17	11
	Number of items about Europe (UK and Ireland)	38	39	19	29	35	7
	<i>Total number of items about Europe</i>	<i>52</i>	<i>91</i>	<i>38</i>	<i>50</i>	<i>52</i>	<i>18</i>
	Total number of items about Polar Regions	4	3	1	5	0	1
	<b>Total number of items about OTHER COUNTRIES</b>	<b>200</b>	<b>383</b>	<b>124</b>	<b>152</b>	<b>155</b>	<b>85</b>

8	Science Categories by Amount (articles, columns, editorial comments)	CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	(In brackets: the number of items in which the science is explained)						
	<b>Grand total of number of articles, columns and editorial comments</b>	<b>550 (173)</b>	<b>757 (315)</b>	<b>622 (302)</b>	<b>285 (214)</b>	<b>259 (185)</b>	<b>253 (152)</b>
	Number of items about astronomy	11 (9)	8 (5)	12 (11)	11 (11)	6 (6)	10 (7)
	Number of items about chemistry	2 (0)	6 (3)	1 (1)	5 (3)	1 (1)	4 (3)
	Number of items about energy (electricity)	26 (8)	15 (7)	10 (3)	3 (3)	1 (0)	2 (0)
	Number of items about energy (nuclear)	10 (3)	30 (10)	11 (7)	2 (2)	1 (0)	4 (1)
	Number of items about energy (oil and gas)	10 (0)	13 (4)	3 (1)	1 (0)	0 (0)	1 (1)
	Number of items about energy (renewable)	4 (3)	10 (7)	2 (1)	2 (2)	3 (3)	0 (0)
	<i>Total number of items about energy</i>	<i>50 (14)</i>	<i>68 (28)</i>	<i>26 (12)</i>	<i>8 (7)</i>	<i>5 (3)</i>	<i>7 (2)</i>
	Number of items about mathematics	4 (1)	2 (1)	6 (4)	1 (1)	2 (1)	4 (2)
	Number of items about physics	1 (1)	5 (4)	1 (0)	0 (0)	2 (2)	3 (2)
	<b>Total number of items about PHYSICAL SCIENCES</b>	<b>68 (25)</b>	<b>89 (41)</b>	<b>46 (28)</b>	<b>25 (22)</b>	<b>16 (13)</b>	<b>28 (16)</b>
	Number of items about climate change	13 (4)	28 (11)	15 (10)	11 (10)	6 (6)	7 (7)
	Number of items about geology	10 (0)	18 (5)	4 (2)	4 (2)	0 (0)	1 (0)
	Number of items about meteorology	43 (21)	64 (28)	37 (25)	9 (5)	6 (5)	14 (10)
	Number of items about palaeontology and archaeology	7 (4)	9 (5)	13 (9)	4 (4)	8 (8)	6 (5)
	Number of items about water	16 (7)	15 (5)	15 (12)	7 (7)	11 (10)	9 (5)
	<b>Total number of items about EARTH SCIENCES</b>	<b>89 (36)</b>	<b>134 (54)</b>	<b>84 (58)</b>	<b>35 (28)</b>	<b>31 (29)</b>	<b>37 (27)</b>
	Number of items about agriculture	11 (4)	20 (11)	83 (24)	2 (2)	10 (7)	10 (2)
	Number of items about animals (birds)	4 (4)	1 (1)	11 (8)	4 (4)	2 (1)	1 (0)
	Number of items about animals (farm)	3 (0)	8 (1)	4 (2)	6 (5)	5 (1)	3 (1)
	Number of items about animals (marine)	25 (9)	30 (15)	16 (11)	5 (4)	9 (4)	10 (8)
	Number of items about animals (pets)	20 (2)	13 (1)	28 (2)	9 (4)	3 (0)	7 (2)
	Number of items about animals (wildlife)	31 (9)	37 (12)	29 (18)	28 (19)	19 (16)	13 (9)
	<i>Total number of items about animals</i>	<i>83 (24)</i>	<i>89 (30)</i>	<i>88 (41)</i>	<i>52 (36)</i>	<i>38 (22)</i>	<i>34 (20)</i>
	Number of items about environment and pollution	63 (17)	54 (11)	61 (18)	27 (18)	27 (19)	23 (10)
	Number of items about evolution	0 (0)	1 (1)	4 (4)	0 (0)	0 (0)	0 (0)
	Number of items about genetics	4 (3)	2 (0)	6 (5)	2 (2)	4 (3)	7 (7)
	Number of items about plants	14 (10)	19 (15)	32 (25)	14 (13)	5 (4)	3 (2)
	<b>Total number of items about LIFE SCIENCES</b>	<b>175 (58)</b>	<b>185 (68)</b>	<b>274 (117)</b>	<b>97 (71)</b>	<b>84 (55)</b>	<b>77 (41)</b>
	Number of items about Aids	48 (7)	51 (11)	33 (16)	6 (4)	8 (5)	18 (16)
	Number of items about diseases and treatment	27 (13)	36 (25)	21 (17)	23 (20)	28 (26)	16 (9)
	Number of items about food and product safety	9 (5)	7 (4)	7 (3)	6 (6)	6 (5)	2 (0)
	Number of items about healthcare administration (Frere Hospital)	7 (2)	3 (2)	1 (1)	1 (1)	3 (3)	1 (1)
	Number of items about healthcare administration (malpractice)	11 (0)	18 (1)	10 (5)	4 (2)	0 (0)	4 (2)
	Number of items about healthcare administration (other)	19 (0)	26 (7)	12 (4)	8 (2)	3 (0)	9 (4)
	<i>Total number of items about healthcare administration</i>	<i>37 (2)</i>	<i>47 (10)</i>	<i>23 (10)</i>	<i>13 (5)</i>	<i>6 (3)</i>	<i>14 (7)</i>
	Number of items about hospital strike	27 (2)	21 (1)	32 (5)	8 (2)	3 (1)	9 (3)
	Number of items about mental health	11 (9)	12 (8)	11 (9)	11 (9)	5 (4)	5 (5)
	Number of items about nutrition	9 (1)	9 (6)	12 (10)	13 (13)	5 (5)	8 (8)

		CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	Number of items about other	8 (3)	23 (14)	24 (7)	22 (12)	24 (15)	13 (6)
	Number of items about smoking	1 (1)	6 (3)	3 (3)	2 (2)	5 (1)	0 (0)
	<b>Total number of items about MEDICINE AND HEALTH</b>	<b>177 (43)</b>	<b>212 (82)</b>	<b>166 (80)</b>	<b>104 (73)</b>	<b>90 (65)</b>	<b>85 (54)</b>
	Number of items about computers	12 (3)	28 (17)	9 (4)	0 (0)	1 (1)	1 (0)
	Number of items about internet and email	9 (1)	53 (19)	12 (1)	4 (3)	12 (6)	9 (2)
	Number of items about other	5 (3)	28 (19)	8 (5)	9 (6)	10 (7)	2 (2)
	Number of items about telecommunication	13 (3)	19 (10)	4 (1)	5 (5)	10 (4)	3 (2)
	<b>Total number of items about TECHNOLOGY</b>	<b>39 (10)</b>	<b>128 (65)</b>	<b>33 (11)</b>	<b>18 (14)</b>	<b>33 (18)</b>	<b>15 (6)</b>
	Number of items about pseudoscience and superstition	1 (0)	5 (1)	14 (4)	5 (5)	3 (3)	7 (5)
	Number of items about science and religion	1 (1)	4 (4)	5 (4)	1 (1)	2 (2)	4 (3)
	<b>Total number of items about SCIENCE AND BELIEFS</b>	<b>2 (1)</b>	<b>9 (5)</b>	<b>19 (8)</b>	<b>6 (6)</b>	<b>5 (5)</b>	<b>11 (8)</b>
<b>9</b>	<b>Science Categories by Length (articles, columns, editorial comments)</b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
	<b>Grand total of length in lines of articles, columns and editorial comments</b>	<b>39184</b>	<b>49032</b>	<b>48274</b>	<b>24175</b>	<b>20701</b>	<b>18624</b>
	Length in lines about astronomy	790	461	729	698	188	601
	Length in lines about chemistry	78	255	109	430	30	227
	Length in lines about energy (electricity)	1545	689	537	109	100	87
	Length in lines about energy (nuclear)	480	1664	774	296	48	77
	Length in lines about energy (oil and gas)	624	513	170	75	0	58
	Length in lines about energy (renewable)	613	733	115	193	323	0
	<i>Total length in lines about energy</i>	<i>3262</i>	<i>3599</i>	<i>1596</i>	<i>673</i>	<i>471</i>	<i>222</i>
	Length in lines about mathematics	118	85	298	39	64	133
	Length in lines about physics	54	523	48	0	357	387
	<b>Total length in lines about PHYSICAL SCIENCES</b>	<b>4302</b>	<b>4923</b>	<b>2780</b>	<b>1840</b>	<b>1110</b>	<b>1570</b>
	Length in lines about climate change	900	1954	1380	699	366	362
	Length in lines about geology	402	832	286	338	0	24
	Length in lines about meteorology	3337	3008	2507	751	253	739
	Length in lines about palaeontology and archaeology	403	814	892	557	834	1140
	Length in lines about water	929	1444	1086	780	1054	332
	<b>Total length in lines about EARTH SCIENCES</b>	<b>5971</b>	<b>8052</b>	<b>6151</b>	<b>3125</b>	<b>2507</b>	<b>2597</b>
	Length in lines about agriculture	806	1602	5412	244	1266	624
	Length in lines about animals (birds)	271	66	996	312	200	12
	Length in lines about animals (farm)	203	293	225	513	214	204
	Length in lines about animals (marine)	1383	1979	1237	402	819	413
	Length in lines about animals (pets)	1191	525	1567	467	138	463
	Length in lines about animals (wildlife)	1899	1862	2603	2521	1804	687
	<i>Total length in lines about animals</i>	<i>4947</i>	<i>4725</i>	<i>6628</i>	<i>4215</i>	<i>3175</i>	<i>1779</i>

		CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	Length in lines about environment and pollution	6258	3429	5774	2253	2473	1393
	Length in lines about evolution	0	228	319	0	0	0
	Length in lines about genetics	142	72	417	142	91	562
	Length in lines about plants	1185	2157	4533	1994	611	114
	<b>Total length in lines about LIFE SCIENCES</b>	<b>13338</b>	<b>12213</b>	<b>23083</b>	<b>8848</b>	<b>7616</b>	<b>4472</b>
	Length in lines about Aids	3742	3525	2195	460	688	667
	Length in lines about diseases and treatment	1761	2906	1520	1483	1006	650
	Length in lines about food and product safety	552	512	515	628	440	71
	Length in lines about healthcare administration (Frere Hospital)	384	310	70	82	470	9
	Length in lines about healthcare administration (malpractice)	536	952	774	92	0	197
	Length in lines about healthcare administration (other)	1837	2226	923	757	172	991
	<i>Total length in lines about healthcare administration</i>	<i>2757</i>	<i>3488</i>	<i>1767</i>	<i>931</i>	<i>642</i>	<i>1197</i>
	Length in lines about hospital strike	2241	1648	2718	830	352	623
	Length in lines about mental health	1060	980	968	856	466	468
	Length in lines about nutrition	404	474	1050	1303	136	753
	Length in lines about other	376	1571	1783	1382	2612	1127
	Length in lines about smoking	11	428	167	201	26	0
	<b>Total length in lines about MEDICINE AND HEALTH</b>	<b>12904</b>	<b>15532</b>	<b>12683</b>	<b>8074</b>	<b>6368</b>	<b>5556</b>
	Length in lines about computers	875	1696	551	0	109	6
	Length in lines about internet and email	760	3099	1083	398	946	1954
	Length in lines about other	248	1563	654	631	581	92
	Length in lines about telecommunication	699	1287	164	357	862	216
	<b>Total length in lines about TECHNOLOGY</b>	<b>2582</b>	<b>7645</b>	<b>2452</b>	<b>1386</b>	<b>2498</b>	<b>2268</b>
	Length in lines about pseudoscience and superstition	13	334	848	752	427	1322
	Length in lines about science and religion	74	333	277	150	175	839
	<b>Total number of articles about SCIENCE AND BELIEFS</b>	<b>87</b>	<b>667</b>	<b>1125</b>	<b>902</b>	<b>602</b>	<b>2161</b>
<b>10</b>	<b>Letters</b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
	Total number of letters by scientists or specialists	10	23	7	4	3	24
	Total number of letters by the public	45	46	39	10	5	7
	<b>Grand total of number of letters</b>	<b>55</b>	<b>69</b>	<b>46</b>	<b>14</b>	<b>8</b>	<b>31</b>
	Number of letters about astronomy	0	0	0	0	0	0
	Number of letters about chemistry	0	0	0	0	0	0
	Number of letters about energy (electricity)	3	1	3	0	0	0
	Number of letters about energy (nuclear)	3	11	1	2	0	1
	Number of letters about energy (oil and gas)	1	3	0	0	0	0
	Number of letters about energy (renewable)	3	3	2	0	0	0
	<i>Total number of letters about energy</i>	<i>10</i>	<i>18</i>	<i>6</i>	<i>2</i>	<i>0</i>	<i>1</i>

	CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
Number of letters about mathematics	2	0	3	0	0	1
Number of letters about physics	0	0	0	0	0	0
<b>Total number of letters about PHYSICAL SCIENCES</b>	<b>12</b>	<b>18</b>	<b>9</b>	<b>2</b>	<b>0</b>	<b>2</b>
Number of letters about climate change	1	3	2	0	0	1
Number of letters about geology	0	0	0	0	0	0
Number of letters about meteorology	1	0	0	0	0	0
Number of letters about palaeontology and archaeology	1	1	1	0	0	2
Number of letters about water	3	0	1	1	1	0
<b>Total number of letters about EARTH SCIENCES</b>	<b>6</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>3</b>
Number of letters about agriculture	1	5	4	0	0	2
Number of letters about animals (birds)	1	1	0	0	0	0
Number of letters about animals (farm)	0	0	0	0	1	0
Number of letters about animals (marine)	0	7	5	0	0	1
Number of letters about animals (pets)	4	5	2	1	2	0
Number of letters about animals (wildlife)	3	0	0	3	1	0
<i>Total number of letters about animals</i>	<i>8</i>	<i>13</i>	<i>7</i>	<i>4</i>	<i>4</i>	<i>1</i>
Number of letters about environment and pollution	11	12	2	3	0	1
Number of letters about evolution	1	0	1	3	0	1
Number of letters about genetics	0	0	0	0	0	0
Number of letters about plants	3	3	0	1	1	0
<b>Total number of letters about LIFE SCIENCES</b>	<b>24</b>	<b>33</b>	<b>14</b>	<b>11</b>	<b>5</b>	<b>5</b>
Number of letters about Aids	5	0	0	0	0	0
Number of letters about diseases and treatment	1	0	0	0	0	1
Number of letters about food and product safety	0	2	0	0	0	0
Number of letters about healthcare administration (Frere Hospital)	1	0	0	0	0	0
Number of letters about healthcare administration (malpractice)	0	0	1	0	0	0
Number of letters about healthcare administration (other)	2	4	3	0	0	0
<i>Total number of letters about healthcare administration</i>	<i>3</i>	<i>4</i>	<i>4</i>	<i>0</i>	<i>0</i>	<i>0</i>
Number of letters about hospital strike	2	2	4	0	0	1
Number of letters about mental health	0	1	0	0	0	0
Number of letters about nutrition	0	1	1	0	0	0
Number of letters about other	0	2	3	0	1	0
Number of letters about smoking	0	0	0	0	0	0
<b>Total number of letters about MEDICINE AND HEALTH</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>1</b>	<b>2</b>
Number of letters about computers	1	1	0	0	0	1
Number of letters about internet and email	0	0	1	0	0	0
Number of letters about other	0	1	0	0	0	0
Number of letters about telecommunication	0	0	0	0	0	0
<b>Total number of letters about TECHNOLOGY</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
Number of letters about pseudoscience and superstition	0	0	1	0	0	1
Number of letters about science and religion	1	0	5	0	1	17
<b>Total number of letters about SCIENCE AND BELIEFS</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>18</b>



11	<b>Cartoons</b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
	<b>Grand total of number of cartoons</b>	<b>14</b>	<b>15</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>2</b>
	Number of cartoons about astronomy	1	0	0	0	0	0
	Number of cartoons about chemistry	0	0	0	0	0	0
	Number of cartoons about energy (electricity)	0	1	0	1	0	0
	Number of cartoons about energy (nuclear)	0	1	0	0	0	0
	Number of cartoons about energy (oil and gas)	0	0	0	0	0	0
	Number of cartoons about energy (renewable)	2	1	0	0	0	0
	<i>Total number of cartoons about energy</i>	<i>2</i>	<i>3</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>
	Number of cartoons about mathematics	0	0	0	0	0	0
	Number of cartoons about physics	0	0	0	0	0	0
	<b>Total number of cartoons about PHYSICAL SCIENCES</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
	Number of cartoons about climate change	3	6	0	0	0	2
	Number of cartoons about geology	0	0	0	0	0	0
	Number of cartoons about meteorology	0	3	0	0	0	0
	Number of cartoons about palaeontology and archaeology	0	0	0	0	0	0
	Number of cartoons about water	1	0	0	0	0	0
	<b>Total number of cartoons about EARTH SCIENCES</b>	<b>4</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>
	Number of cartoons about agriculture	0	0	0	0	0	0
	Number of cartoons about animals (birds)	0	0	0	0	0	0
	Number of cartoons about animals (farm)	0	0	0	0	0	0
	Number of cartoons about animals (marine)	0	0	0	0	0	0
	Number of cartoons about animals (pets)	0	0	0	0	0	0
	Number of cartoons about animals (wildlife)	0	0	0	0	0	0
	<i>Total number of cartoons about animals</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
	Number of cartoons about environment and pollution	2	0	0	1	0	0
	Number of cartoons about evolution	0	0	0	0	0	0
	Number of cartoons about genetics	0	0	0	0	0	0
	Number of cartoons about plants	1	0	0	0	0	0
	<b>Total number of cartoons about LIFE SCIENCES</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
	Number of cartoons about Aids	1	1	0	0	0	0
	Number of cartoons about diseases and treatment	0	0	0	0	0	0
	Number of cartoons about food and product safety	0	0	0	0	0	0
	Number of cartoons about healthcare administration (Frere Hospital)	0	0	0	0	0	0
	Number of cartoons about healthcare administration (malpractice)	0	0	0	0	0	0
	Number of cartoons about healthcare administration (other)	0	1	1	0	0	0
	<i>Total number of cartoons about healthcare administration</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>
	Number of cartoons about hospital strike	2	1	1	1	0	0
	Number of cartoons about mental health	0	0	0	0	0	0
	Number of cartoons about nutrition	1	0	0	0	0	0
	Number of cartoons about other	0	0	0	0	0	0
	Number of cartoons about smoking	0	0	0	0	0	0

		CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	<b>Total number of cartoons about MEDICINE AND HEALTH</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>
	Number of cartoons about computers	0	0	1	0	0	0
	Number of cartoons about internet and email	0	0	0	0	0	0
	Number of cartoons about other	0	0	0	0	0	0
	Number of cartoons about telecommunication	0	0	0	0	0	0
	<b>Total number of cartoons about TECHNOLOGY</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Number of cartoons about pseudoscience and superstition	0	0	0	0	0	0
	Number of cartoons about science and religion	0	0	0	0	0	0
	<b>Total number of cartoons about SCIENCE AND BELIEFS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>12</b>	<b><u>Stand-Alone Photographs</u></b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
	Total number of stand-alone photographs from the newspaper	3	18	19	9	10	4
	Total number of stand-alone photographs from a news agency / other	8	11	31	1	4	12
	<b>Grand total of number of stand-alone photographs</b>	<b>11</b>	<b>29</b>	<b>50</b>	<b>10</b>	<b>14</b>	<b>16</b>
	Number of stand-alone photographs about astronomy	0	1	1	0	0	1
	Number of stand-alone photographs about chemistry	0	0	0	0	0	0
	Number of stand-alone photographs about energy (electricity)	0	0	0	0	0	0
	Number of stand-alone photographs about energy (nuclear)	0	0	0	0	0	1
	Number of stand-alone photographs about energy (oil and gas)	0	0	0	0	0	0
	Number of stand-alone photographs about energy (renewable)	0	1	0	0	1	0
	<i>Total number of stand-alone photographs about energy</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>1</i>
	Number of stand-alone photographs about mathematics	0	0	0	0	0	0
	Number of stand-alone photographs about physics	0	0	0	0	0	0
	<b>Total number of stand-alone photographs about PHYSICAL SCIENCES</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>
	Number of stand-alone photographs about climate change	0	0	1	0	0	0
	Number of stand-alone photographs about geology	0	1	1	1	1	0
	Number of stand-alone photographs about meteorology	1	4	11	0	0	3
	Number of stand-alone photographs about palaeontology and archaeology	0	0	1	0	0	0
	Number of stand-alone photographs about water	0	2	3	2	3	2
	<b>Total number of stand-alone photographs about EARTH SCIENCES</b>	<b>1</b>	<b>7</b>	<b>17</b>	<b>3</b>	<b>4</b>	<b>5</b>
	Number of stand-alone photographs about agriculture	1	3	10	0	0	0
	Number of stand-alone photographs about animals (birds)	0	1	1	0	1	0
	Number of stand-alone photographs about animals (farm)	3	0	2	0	0	2
	Number of stand-alone photographs about animals (marine)	1	4	3	1	0	0
	Number of stand-alone photographs about animals (pets)	0	0	0	1	0	0
	Number of stand-alone photographs about animals (wildlife)	2	5	7	2	4	2
	<i>Total number of stand-alone photographs about animals</i>	<i>6</i>	<i>10</i>	<i>13</i>	<i>4</i>	<i>5</i>	<i>4</i>

		CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	Number of stand-alone photographs about environment and pollution	2	1	1	2	2	2
	Number of stand-alone photographs about evolution	0	0	0	0	0	0
	Number of stand-alone photographs about genetics	0	0	0	0	0	0
	Number of stand-alone photographs about plants	0	3	3	1	1	0
	<b>Total number of stand-alone photographs about LIFE SCIENCES</b>	<b>9</b>	<b>17</b>	<b>27</b>	<b>7</b>	<b>8</b>	<b>6</b>
	Number of stand-alone photographs about Aids	0	0	1	0	0	0
	Number of stand-alone photographs about diseases and treatment	1	1	1	0	0	0
	Number of stand-alone photographs about food and product safety	0	0	0	0	0	0
	Number of stand-alone photographs about healthcare administration (Frere Hospital)	0	0	0	0	0	0
	Number of stand-alone photographs about healthcare administration (malpractice)	0	0	0	0	0	0
	Number of stand-alone photographs about healthcare administration (other)	0	1	0	0	0	0
	<i>Total number of stand-alone photographs about healthcare administration</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
	Number of stand-alone photographs about hospital strike	0	0	0	0	0	1
	Number of stand-alone photographs about mental health	0	0	0	0	0	0
	Number of stand-alone photographs about nutrition	0	0	1	0	0	0
	Number of stand-alone photographs about other	0	0	0	0	0	2
	Number of stand-alone photographs about smoking	0	0	0	0	0	0
	<b>Total number of stand-alone photographs about MEDICINE AND HEALTH</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>
	Number of stand-alone photographs about computers	0	0	1	0	0	0
	Number of stand-alone photographs about internet and email	0	0	1	0	0	0
	Number of stand-alone photographs about other	0	1	0	0	1	0
	Number of stand-alone photographs about telecommunication	0	0	0	0	0	0
	<b>Total number of stand-alone photographs about TECHNOLOGY</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>
	Number of stand-alone photographs about pseudoscience and superstition	0	0	0	0	0	0
	Number of stand-alone photographs about science and religion	0	0	0	0	0	0
	<b>Total number of stand-alone photographs about SCIENCE AND BELIEFS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>13</b>	<b><u>Number of Items by Date (articles, columns, editorial comments, stand-alone photographs, letters, cartoons)</u></b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
	<b>Grand total of number of items</b>	<b>630</b>	<b>870</b>	<b>721</b>	<b>312</b>	<b>281</b>	<b>302</b>
	01 June 2007	16	16	9	n/a	n/a	n/a
	02 June 2007	n/a	n/a	n/a	28	n/a	39
	03 June 2007	n/a	n/a	n/a	n/a	41	n/a
	04 June 2007	14	9	16	n/a	n/a	n/a
	05 June 2007	12	36	19	n/a	n/a	n/a
	06 June 2007	13	16	16	n/a	n/a	n/a
	07 June 2007	18	19	19	n/a	n/a	n/a

		CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
08 June 2007		19	18	13	n/a	n/a	n/a
09 June 2007		n/a	n/a	n/a	38	n/a	31
10 June 2007		n/a	n/a	n/a	n/a	29	n/a
11 June 2007		9	18	15	n/a	n/a	n/a
12 June 2007		17	37	24	n/a	n/a	n/a
13 June 2007		13	15	13	n/a	n/a	n/a
14 June 2007		14	8	10	n/a	n/a	n/a
15 June 2007		17	12	36	n/a	n/a	n/a
16 June 2007		n/a	n/a	n/a	29	n/a	26
17 June 2007		n/a	n/a	n/a	n/a	28	n/a
18 June 2007		11	24	9	n/a	n/a	n/a
19 June 2007		12	31	19	n/a	n/a	n/a
20 June 2007		14	13	19	n/a	n/a	n/a
21 June 2007		18	11	12	n/a	n/a	n/a
22 June 2007		13	24	9	n/a	n/a	n/a
23 June 2007		n/a	n/a	n/a	30	n/a	31
24 June 2007		n/a	n/a	n/a	n/a	31	n/a
25 June 2007		16	11	8	n/a	n/a	n/a
26 June 2007		14	29	17	n/a	n/a	n/a
27 June 2007		17	16	26	n/a	n/a	n/a
28 June 2007		8	18	17	n/a	n/a	n/a
29 June 2007		14	20	26	n/a	n/a	n/a
30 June 2007		n/a	n/a	n/a	34	n/a	27
	<b>Total number of JUNE ITEMS</b>	<b>299</b>	<b>401</b>	<b>352</b>	<b>159</b>	<b>129</b>	<b>154</b>
01 July 2007		n/a	n/a	n/a	n/a	27	n/a
02 July 2007		7	17	11	n/a	n/a	n/a
03 July 2007		10	35	21	n/a	n/a	n/a
04 July 2007		19	14	18	n/a	n/a	n/a
05 July 2007		10	16	9	n/a	n/a	n/a
06 July 2007		12	18	15	n/a	n/a	n/a
07 July 2007		n/a	n/a	n/a	37	n/a	31
08 July 2007		n/a	n/a	n/a	n/a	33	n/a
09 July 2007		8	14	12	n/a	n/a	n/a
10 July 2007		8	32	17	n/a	n/a	n/a
11 July 2007		14	15	10	n/a	n/a	n/a
12 July 2007		9	24	8	n/a	n/a	n/a
13 July 2007		16	15	37	n/a	n/a	n/a
14 July 2007		n/a	n/a	n/a	31	n/a	35
15 July 2007		n/a	n/a	n/a	n/a	30	n/a
16 July 2007		12	14	10	n/a	n/a	n/a
17 July 2007		8	30	18	n/a	n/a	n/a
18 July 2007		17	20	13	n/a	n/a	n/a

		CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	19 July 2007	12	16	11	n/a	n/a	n/a
	20 July 2007	11	17	10	n/a	n/a	n/a
	21 July 2007	n/a	n/a	n/a	30	n/a	30
	22 July 2007	n/a	n/a	n/a	n/a	26	n/a
	23 July 2007	14	21	12	n/a	n/a	n/a
	24 July 2007	20	31	20	n/a	n/a	n/a
	25 July 2007	21	18	25	n/a	n/a	n/a
	26 July 2007	33	15	21	n/a	n/a	n/a
	27 July 2007	25	28	32	n/a	n/a	n/a
	28 July 2007	n/a	n/a	n/a	55	n/a	52
	29 July 2007	n/a	n/a	n/a	n/a	36	n/a
	30 July 2007	18	23	15	n/a	n/a	n/a
	31 July 2007	27	36	24	n/a	n/a	n/a
	<b>Total number of JULY ITEMS</b>	<b>331</b>	<b>469</b>	<b>369</b>	<b>153</b>	<b>152</b>	<b>148</b>
14	<b><u>Number of Items by Page (articles, columns, editorial comments, stand-alone photographs, letters, cartoons)</u></b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
	<b>Grand total of number of items</b>	<b>630</b>	<b>870</b>	<b>721</b>	<b>312</b>	<b>281</b>	<b>302</b>
	1	42	72	21	6	5	7
	2	8	163	46	3	8	14
	3	21	66	25	4	6	4
	4	60	86	36	14	8	10
	5	48	51	25	8	9	5
	6	38	80	41	10	9	5
	7	26	31	40	4	2	1
	8	42	91	25	10	10	11
	9	30	27	30	5	9	13
	10	29	29	38	9	6	4
	<b>Total number of items on pages 1 to 10</b>	<b>344</b>	<b>696</b>	<b>327</b>	<b>73</b>	<b>72</b>	<b>74</b>
	11	33	4	27	12	6	4
	12	60	8	31	9	4	2
	13	34	3	27	6	3	8
	14	43	1	26	4	5	6
	15	15	0	25	11	1	10
	16	18	1	12	12	11	14
	17	11	0	7	6	10	6
	18	10	0	10	4	4	5
	19	3	0	12	10	3	16
	20	14	0	6	3	3	2

		CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	Total number of items on pages 11 to 20	241	17	183	77	50	73
21		9	3	8	5	6	0
22		2	0	4	11	8	0
23		1	0	4	17	13	1
24		0	0	0	4	5	0
25		1	0	0	6	9	0
26		0	0	0	11	12	0
27		0	0	0	5	13	0
28		0	0	0	0	0	0
29		0	0	0	4	14	0
30		0	0	0	2	1	0
	Total number of items on pages 21 to 30	13	3	16	65	81	1
31		0	0	0	4	1	0
32		0	0	0	1	1	0
33		0	0	0	0	1	0
34		0	0	0	6	0	0
35		0	0	0	0	0	0
36		0	0	0	0	6	0
37		0	0	0	0	0	0
38		0	0	0	0	0	0
39		0	0	0	0	0	0
40		0	0	0	0	0	0
	Total number of items on pages 31 to 40	0	0	0	11	9	0
	Total number of items in supplements	32	154	195	86	69	154
15	Specialist Writers (articles, columns)	CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	(In brackets: the number of items in which the science is explained)						
	SPECIALIST WRITER NUMBER ONE	D CAELERS	M GOSLING	E BRITS	D CAELERS	D CAELERS	E BRITS
	Grand total of number of articles and columns	26 (6)	47 (32)	21 (21)	9 (7)	3 (3)	16 (16)
	Number of items about astronomy	0	0	6 (6)	0	0	3 (3)
	Number of items about chemistry	0	0	0	0	0	1 (1)
	Number of items about energy (electricity)	0	0	0	0	0	0
	Number of items about energy (nuclear)	0	6 (3)	0	0	0	0
	Number of items about energy (oil and gas)	0	0	0	0	0	0
	Number of items about energy (renewable)	0	3 (2)	0	0	0	0
	Total number of items about energy	0	9 (5)	0	0	0	0
	Number of items about mathematics	0	0	0	0	0	0
	Number of items about physics	0	0	0	0	0	0

	CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
<b>Total number of items about PHYSICAL SCIENCES</b>	<b>0</b>	<b>9 (5)</b>	<b>6 (6)</b>	<b>0</b>	<b>0</b>	<b>4 (4)</b>
Number of items about climate change	0	4 (3)	0	0	0	2 (2)
Number of items about geology	0	0	0	0	0	0
Number of items about meteorology	0	3 (3)	0	0	0	0
Number of items about palaeontology and archaeology	0	1 (0)	4 (4)	0	0	0
Number of items about water	0	3 (3)	0	0	0	1 (1)
<b>Total number of items about EARTH SCIENCES</b>	<b>0</b>	<b>11 (9)</b>	<b>4 (4)</b>	<b>0</b>	<b>0</b>	<b>3 (3)</b>
Number of items about agriculture	0	3 (3)	0	0	0	0
Number of items about animals (birds)	0	1 (1)	0	0	0	0
Number of items about animals (farm)	0	0	0	0	0	0
Number of items about animals (marine)	0	5 (4)	0	0	0	0
Number of items about animals (pets)	0	0	0	0	0	0
Number of items about animals (wildlife)	0	3 (2)	2 (2)	0	0	1 (1)
<i>Total number of items about animals</i>	<i>0</i>	<i>9 (7)</i>	<i>2 (2)</i>	<i>0</i>	<i>0</i>	<i>1 (1)</i>
Number of items about environment and pollution	0	6 (1)	0	0	0	0
Number of items about evolution	0	0	4 (4)	0	0	0
Number of items about genetics	0	0	3 (3)	0	0	3 (3)
Number of items about plants	0	5 (4)	0	0	0	0
<b>Total number of items about LIFE SCIENCES</b>	<b>0</b>	<b>23 (15)</b>	<b>9 (9)</b>	<b>0</b>	<b>0</b>	<b>4 (4)</b>
Number of items about Aids	14 (4)	1 (0)	1 (1)	1 (0)	1 (1)	0
Number of items about diseases and treatment	2 (1)	1 (1)	0	2 (2)	2 (2)	0
Number of items about food and product safety	0	1 (1)	0	0	0	0
Number of items about healthcare administration (Frere Hospital)	0	0	0	0	0	0
Number of items about healthcare administration (malpractice)	0	0	0	0	0	0
Number of items about healthcare administration (other)	3 (0)	0	0	1 (0)	0	0
<i>Total number of items about healthcare administration</i>	<i>3 (0)</i>	<i>0</i>	<i>0</i>	<i>1 (0)</i>	<i>0</i>	<i>0</i>
Number of items about hospital strike	6 (1)	0	0	1 (1)	0	0
Number of items about mental health	0	0	1 (1)	1 (1)	0	1 (1)
Number of items about nutrition	1 (0)	0	0	2 (2)	0	3 (3)
Number of items about other	0	1 (1)	0	1 (1)	0	0
Number of items about smoking	0	0	0	0	0	0
<b>Total number of items about MEDICINE AND HEALTH</b>	<b>26 (6)</b>	<b>4 (3)</b>	<b>2 (2)</b>	<b>9 (7)</b>	<b>3 (3)</b>	<b>4 (4)</b>
Number of items about computers	0	0	0	0	0	0
Number of items about internet and email	0	0	0	0	0	0
Number of items about other	0	0	0	0	0	1 (1)
Number of items about telecommunication	0	0	0	0	0	0
<b>Total number of items about TECHNOLOGY</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1 (1)</b>
Number of items about pseudoscience and superstition	0	0	0	0	0	0
Number of items about science and religion	0	0	0	0	0	0
<b>Total number of items about SCIENCE AND BELIEFS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total number of LEAD ARTICLES</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

16	Specialist Writers (articles, columns)	CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	(In brackets: the number of items in which the science is explained)						
	<b>SPECIALIST WRITER NUMBER TWO</b>	<b>J YELD</b>	<b>n/a</b>	<b>J BONTHUYS</b>	<b>J YELD</b>	<b>J YELD</b>	<b>J BONTHUYS</b>
	<b>Grand total of number of articles and columns</b>	<b>60 (33)</b>		<b>23 (15)</b>	<b>1 (1)</b>	<b>0 (0)</b>	<b>2 (1)</b>
	Number of items about astronomy	1 (1)		0	0		0
	Number of items about chemistry	0		0	0		0
	Number of items about energy (electricity)	0		0	0		0
	Number of items about energy (nuclear)	1 (1)		0	0		0
	Number of items about energy (oil and gas)	0		0	0		0
	Number of items about energy (renewable)	2 (2)		0	0		0
	<i>Total number of items about energy</i>	<i>3 (3)</i>		<i>0</i>	<i>0</i>		<i>0</i>
	Number of items about mathematics	0		0	0		0
	Number of items about physics	0		0	0		0
	<b>Total number of items about PHYSICAL SCIENCES</b>	<b>4 (4)</b>		<b>0</b>	<b>0</b>		<b>0</b>
	Number of items about climate change	1 (0)		3 (3)	1 (1)		0
	Number of items about geology	0		0	0		0
	Number of items about meteorology	1 (1)		0	0		0
	Number of items about palaeontology and archaeology	1 (1)		1 (1)	0		0
	Number of items about water	2 (1)		2 (2)	0		0
	<b>Total number of items about EARTH SCIENCES</b>	<b>5 (3)</b>		<b>6 (6)</b>	<b>1 (1)</b>		<b>0</b>
	Number of items about agriculture	0		0	0		0
	Number of items about animals (birds)	2 (2)		0	0		0
	Number of items about animals (farm)	0		0	0		0
	Number of items about animals (marine)	7 (4)		0	0		0
	Number of items about animals (pets)	1 (1)		0	0		0
	Number of items about animals (wildlife)	11 (6)		2 (2)	0		0
	<i>Total number of items about animals</i>	<i>21 (13)</i>		<i>2 (2)</i>	<i>0</i>		<i>0</i>
	Number of items about environment and pollution	25 (9)		13 (5)	0		2 (1)
	Number of items about evolution	0		0	0		0
	Number of items about genetics	0		0	0		0
	Number of items about plants	3 (3)		2 (2)	0		0
	<b>Total number of items about LIFE SCIENCES</b>	<b>49 (25)</b>		<b>17 (9)</b>	<b>0</b>		<b>2 (1)</b>
	Number of items about Aids	1 (0)		0	0		0
	Number of items about diseases and treatment	0		0	0		0
	Number of items about food and product safety	0		0	0		0
	Number of items about healthcare administration (Frere Hospital)	0		0	0		0
	Number of items about healthcare administration (malpractice)	0		0	0		0
	Number of items about healthcare administration (other)	0		0	0		0
	<i>Total number of items about healthcare administration</i>	<i>0</i>		<i>0</i>	<i>0</i>		<i>0</i>
	Number of items about hospital strike	0		0	0		0
	Number of items about mental health	1 (1)		0	0		0



		CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	Number of items about nutrition	0		0	0		0
	Number of items about other	0		0	0		0
	Number of items about smoking	0		0	0		0
	<b>Total number of items about MEDICINE AND HEALTH</b>	<b>2 (1)</b>		<b>0</b>	<b>0</b>		<b>0</b>
	Number of items about computers	0		0	0		0
	Number of items about internet and email	0		0	0		0
	Number of items about other	0		0	0		0
	Number of items about telecommunication	0		0	0		0
	<b>Total number of items about TECHNOLOGY</b>	<b>0</b>		<b>0</b>	<b>0</b>		<b>0</b>
	Number of items about pseudoscience and superstition	0		0	0		0
	Number of items about science and religion	0		0	0		0
	<b>Total number of items about SCIENCE AND BELIEFS</b>	<b>0</b>		<b>0</b>	<b>0</b>		<b>0</b>
	<b>Total number of LEAD ARTICLES</b>	<b>0</b>		<b>0</b>	<b>0</b>		<b>0</b>
<b>17</b>	<b><u>Specialist Writers (articles, columns)</u></b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
	(In brackets: the number of items in which the science is explained)						
	<b>SPECIALIST WRITER NUMBER THREE</b>	<b>n/a</b>	<b>n/a</b>	<b>D STRYDOM</b>	<b>n/a</b>	<b>n/a</b>	<b>D STRYDOM</b>
	<b>Grand total of number of articles and columns</b>			<b>32 (22)</b>			<b>8 (6)</b>
	Number of items about astronomy			0			0
	Number of items about chemistry			0			0
	Number of items about energy (electricity)			0			0
	Number of items about energy (nuclear)			0			0
	Number of items about energy (oil and gas)			0			0
	Number of items about energy (renewable)			0			0
	<i>Total number of items about energy</i>			<i>0</i>			<i>0</i>
	Number of items about mathematics			0			0
	Number of items about physics			0			0
	<b>Total number of items about PHYSICAL SCIENCES</b>			<b>0</b>			<b>0</b>
	Number of items about climate change			0			0
	Number of items about geology			0			0
	Number of items about meteorology			1 (1)			0
	Number of items about palaeontology and archaeology			0			0
	Number of items about water			0			0
	<b>Total number of items about EARTH SCIENCES</b>			<b>1 (1)</b>			<b>0</b>
	Number of items about agriculture			1 (0)			0
	Number of items about animals (birds)			0			0
	Number of items about animals (farm)			0			0

		CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	Number of items about animals (marine)			0			0
	Number of items about animals (pets)			0			0
	Number of items about animals (wildlife)			0			0
	<i>Total number of items about animals</i>			0			0
	Number of items about environment and pollution			0			0
	Number of items about evolution			0			0
	Number of items about genetics			0			0
	Number of items about plants			0			0
	<b>Total number of items about LIFE SCIENCES</b>			1 (0)			0
	Number of items about Aids			8 (8)			3 (3)
	Number of items about diseases and treatment			2 (2)			0
	Number of items about food and product safety			2 (2)			0
	Number of items about healthcare administration (Frere Hospital)			0			0
	Number of items about healthcare administration (malpractice)			5 (3)			1 (1)
	Number of items about healthcare administration (other)			2 (1)			1 (1)
	<i>Total number of items about healthcare administration</i>			7 (4)			2 (2)
	Number of items about hospital strike			10 (4)			2 (0)
	Number of items about mental health			0			1 (1)
	Number of items about nutrition			1 (1)			0
	Number of items about other			0			0
	Number of items about smoking			0			0
	<b>Total number of items about MEDICINE AND HEALTH</b>			30 (21)			8 (6)
	Number of items about computers			0			0
	Number of items about internet and email			0			0
	Number of items about other			0			0
	Number of items about telecommunication			0			0
	<b>Total number of items about TECHNOLOGY</b>			0			0
	Number of items about pseudoscience and superstition			0			0
	Number of items about science and religion			0			0
	<b>Total number of items about SCIENCE AND BELIEFS</b>			0			0
	<b>Total number of LEAD ARTICLES</b>			0			0
<b>18</b>	<b><u>Specialist Writers (articles, columns)</u></b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
	(In brackets: the number of items in which the science is explained)						
	<b>SPECIALIST WRITER NUMBER FOUR</b>	n/a	n/a	E GUNNING	n/a	n/a	E GUNNING
	<b>Grand total of number of articles and columns</b>			11 (3)			5 (1)
	Number of items about astronomy			0			0
	Number of items about chemistry			0			0

	CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
Number of items about energy (electricity)			0			0
Number of items about energy (nuclear)			0			0
Number of items about energy (oil and gas)			0			0
Number of items about energy (renewable)			0			0
<i>Total number of items about energy</i>			0			0
Number of items about mathematics			0			0
Number of items about physics			0			0
<b>Total number of items about PHYSICAL SCIENCES</b>			0			0
Number of items about climate change			0			0
Number of items about geology			0			0
Number of items about meteorology			0			0
Number of items about palaeontology and archaeology			0			0
Number of items about water			0			0
<b>Total number of items about EARTH SCIENCES</b>			0			0
Number of items about agriculture			8 (2)			4 (0)
Number of items about animals (birds)			0			0
Number of items about animals (farm)			0			0
Number of items about animals (marine)			0			0
Number of items about animals (pets)			0			0
Number of items about animals (wildlife)			0			0
<i>Total number of items about animals</i>			0			0
Number of items about environment and pollution			1 (0)			1 (1)
Number of items about evolution			0			0
Number of items about genetics			0			0
Number of items about plants			0			0
<b>Total number of items about LIFE SCIENCES</b>			9 (2)			5 (1)
Number of items about Aids			0			0
Number of items about diseases and treatment			0			0
Number of items about food and product safety			0			0
Number of items about healthcare administration (Frere Hospital)			0			0
Number of items about healthcare administration (malpractice)			0			0
Number of items about healthcare administration (other)			0			0
<i>Total number of items about healthcare administration</i>			0			0
Number of items about hospital strike			1 (0)			0
Number of items about mental health			0			0
Number of items about nutrition			0			0
Number of items about other			1 (0)			0
Number of items about smoking			0			0
<b>Total number of items about MEDICINE AND HEALTH</b>			2 (1)			0
Number of items about computers			0			0
Number of items about internet and email			0			0
Number of items about other			0			0

		CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	Number of items about telecommunication			0			0
	<b>Total number of items about TECHNOLOGY</b>			0			0
	Number of items about pseudoscience and superstition			0			0
	Number of items about science and religion			0			0
	<b>Total number of items about SCIENCE AND BELIEFS</b>			0			0
	<b>Total number of LEAD ARTICLES</b>			1			0
18	<b>Specialist Writers (articles, columns)</b>	CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	(In brackets: the number of items in which the science is explained)						
	<b>SPECIALIST WRITER NUMBER FIVE</b>	n/a	n/a	L LOUW	n/a	n/a	L LOUW
	<b>Grand total of number of articles and columns</b>			25 (20)			0
	Number of items about astronomy			0			0
	Number of items about chemistry			0			0
	Number of items about energy (electricity)			0			0
	Number of items about energy (nuclear)			0			0
	Number of items about energy (oil and gas)			0			0
	Number of items about energy (renewable)			0			0
	<i>Total number of items about energy</i>			0			0
	Number of items about mathematics			1 (1)			0
	Number of items about physics			0			0
	<b>Total number of items about PHYSICAL SCIENCES</b>			1 (1)			0
	Number of items about climate change			1 (1)			0
	Number of items about geology			0			0
	Number of items about meteorology			0			0
	Number of items about palaeontology and archaeology			0			0
	Number of items about water			0			0
	<b>Total number of items about EARTH SCIENCES</b>			1 (1)			0
	Number of items about agriculture			23 (18)			0
	Number of items about animals (birds)			0			0
	Number of items about animals (farm)			0			0
	Number of items about animals (marine)			0			0
	Number of items about animals (pets)			0			0
	Number of items about animals (wildlife)			0			0
	<i>Total number of items about animals</i>			0			0
	Number of items about environment and pollution			0			0
	Number of items about evolution			0			0
	Number of items about genetics			0			0
	Number of items about plants			0			0
	<b>Total number of items about LIFE SCIENCES</b>			23 (18)			0

	CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
Number of items about Aids			0			0
Number of items about diseases and treatment			0			0
Number of items about food and product safety			0			0
Number of items about healthcare administration (Frere Hospital)			0			0
Number of items about healthcare administration (malpractice)			0			0
Number of items about healthcare administration (other)			0			0
<i>Total number of items about healthcare administration</i>			0			0
Number of items about hospital strike			0			0
Number of items about mental health			0			0
Number of items about nutrition			0			0
Number of items about other			0			0
Number of items about smoking			0			0
<b>Total number of items about MEDICINE AND HEALTH</b>			0			0
Number of items about computers			0			0
Number of items about internet and email			0			0
Number of items about other			0			0
Number of items about telecommunication			0			0
<b>Total number of items about TECHNOLOGY</b>			0			0
Number of items about pseudoscience and superstition			0			0
Number of items about science and religion			0			0
<b>Total number of items about SCIENCE AND BELIEFS</b>			0			0
<b>Total number of LEAD ARTICLES</b>			0			0
<b>Specialist Writers (articles, columns)</b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
(In brackets: the number of items in which the science is explained)						
<b>SPECIALIST WRITER NUMBER SIX</b>	n/a	n/a	G CLAASSEN	n/a	n/a	G CLAASSEN
<b>Grand total of number of articles and columns</b>			7 (5)			4 (2)
Number of items about astronomy			0			0
Number of items about chemistry			0			0
Number of items about energy (electricity)			0			0
Number of items about energy (nuclear)			0			0
Number of items about energy (oil and gas)			0			0
Number of items about energy (renewable)			0			0
<i>Total number of items about energy</i>			0			0
Number of items about mathematics			2 (2)			2 (1)
Number of items about physics			0			0
<b>Total number of items about PHYSICAL SCIENCES</b>			2 (2)			2 (1)
Number of items about climate change			0			0
Number of items about geology			0			0

	CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
Number of items about meteorology			0			0
Number of items about palaeontology and archaeology			0			0
Number of items about water			0			0
<b>Total number of items about EARTH SCIENCES</b>			<b>0</b>			<b>0</b>
Number of items about agriculture			1 (0)			0
Number of items about animals (birds)			0			0
Number of items about animals (farm)			0			0
Number of items about animals (marine)			0			0
Number of items about animals (pets)			0			0
Number of items about animals (wildlife)			0			0
<i>Total number of items about animals</i>			<i>0</i>			<i>0</i>
Number of items about environment and pollution			0			0
Number of items about evolution			0			0
Number of items about genetics			0			0
Number of items about plants			0			2 (1)
<b>Total number of items about LIFE SCIENCES</b>			<b>1 (0)</b>			<b>2 (1)</b>
Number of items about Aids			0			0
Number of items about diseases and treatment			1 (1)			0
Number of items about food and product safety			0			0
Number of items about healthcare administration (Frere Hospital)			0			0
Number of items about healthcare administration (malpractice)			0			0
Number of items about healthcare administration (other)			0			0
<i>Total number of items about healthcare administration</i>			<i>0</i>			<i>0</i>
Number of items about hospital strike			0			0
Number of items about mental health			0			0
Number of items about nutrition			0			0
Number of items about other			1 (0)			0
Number of items about smoking			0			0
<b>Total number of items about MEDICINE AND HEALTH</b>			<b>2 (1)</b>			<b>0</b>
Number of items about computers			0			0
Number of items about internet and email			0			0
Number of items about other			0			0
Number of items about telecommunication			0			0
<b>Total number of items about TECHNOLOGY</b>			<b>0</b>			<b>0</b>
Number of items about pseudoscience and superstition			1 (1)			0
Number of items about science and religion			1 (1)			0
<b>Total number of items about SCIENCE AND BELIEFS</b>			<b>2 (2)</b>			<b>0</b>
<b>Total number of LEAD ARTICLES</b>			<b>0</b>			<b>0</b>

<b>Specialist Supplements (articles, columns)</b>	<b>CAPE ARGUS</b>	<b>CAPE TIMES</b>	<b>DIE BURGER</b>	<b>SAT ARGUS</b>	<b>SUN ARGUS</b>	<b>SAT BURGER</b>
(In brackets: the number of items in which the science is explained)						
<b>SPECIALIST WRITER: EDITOR OF LANDBOU (AGRICULTURE)</b>	n/a	<b>TECHNO TIMES</b>	<b>LANDBOU</b>	n/a	n/a	n/a
<b>Grand total of number of articles and columns</b>		<b>116 (81)</b>	<b>70 (24)</b>			<b>0</b>
Number of items about astronomy		6 (3)	0			0
Number of items about chemistry		0	1 (1)			0
Number of items about energy (electricity)		3 (3)	0			0
Number of items about energy (nuclear)		0	0			0
Number of items about energy (oil and gas)		0	0			0
Number of items about energy (renewable)		3 (3)	1 (0)			0
<i>Total number of items about energy</i>		<i>6 (6)</i>	<i>1 (0)</i>			<i>0</i>
Number of items about mathematics		0	1 (1)			0
Number of items about physics		2 (2)	0			0
<b>Total number of items about PHYSICAL SCIENCES</b>		<b>14 (11)</b>	<b>3 (2)</b>			<b>0</b>
Number of items about climate change		0	2 (2)			0
Number of items about geology		0	0			0
Number of items about meteorology		0	0			0
Number of items about palaeontology and archaeology		0	0			0
Number of items about water		0	1 (1)			0
<b>Total number of items about EARTH SCIENCES</b>		<b>0</b>	<b>3 (3)</b>			<b>0</b>
Number of items about agriculture		3 (3)	63 (19)			0
Number of items about animals (birds)		0	0			0
Number of items about animals (farm)		0	0			0
Number of items about animals (marine)		0	0			0
Number of items about animals (pets)		0	0			0
Number of items about animals (wildlife)		0	1 (0)			0
<i>Total number of items about animals</i>		<i>0</i>	<i>1 (0)</i>			<i>0</i>
Number of items about environment and pollution		1 (1)	0			0
Number of items about evolution		0	0			0
Number of items about genetics		0	0			0
Number of items about plants		0	0			0
<b>Total number of items about LIFE SCIENCES</b>		<b>4 (4)</b>	<b>64 (19)</b>			<b>0</b>
Number of items about Aids		0	0			0
Number of items about diseases and treatment		0	0			0
Number of items about food and product safety		0	0			0
Number of items about healthcare administration (Frere Hospital)		0	0			0
Number of items about healthcare administration (malpractice)		0	0			0
Number of items about healthcare administration (other)		0	0			0
<i>Total number of items about healthcare administration</i>		<i>0</i>	<i>0</i>			<i>0</i>
Number of items about hospital strike		0	0			0
Number of items about mental health		1 (1)	0			0
Number of items about nutrition		0	0			0

		CAPE ARGUS	CAPE TIMES	DIE BURGER	SAT ARGUS	SUN ARGUS	SAT BURGER
	Number of items about other		2 (2)	0			0
	Number of items about smoking		0	0			0
	<b>Total number of items about MEDICINE AND HEALTH</b>		<b>3 (3)</b>	<b>0</b>			<b>0</b>
	Number of items about computers		22 (17)	0			0
	Number of items about internet and email		38 (19)	0			0
	Number of items about other		21 (17)	0			0
	Number of items about telecommunication		14 (10)	0			0
	<b>Total number of items about TECHNOLOGY</b>		<b>95 (63)</b>	<b>0</b>			<b>0</b>
	Number of items about pseudoscience and superstition		0	0			0
	Number of items about science and religion		0	0			0
	<b>Total number of items about SCIENCE AND BELIEFS</b>		<b>0</b>	<b>0</b>			<b>0</b>
	<b>Total number of LEAD ARTICLES</b>		<b>0</b>	<b>0</b>			<b>0</b>



## **Appendix B:**

Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Friday 1 June 2007	1 and 4	yes	The big strike begins: Cops disperse crowds with teargas and rubber bullets	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	135	medicine and health	hospital strike	no
Cape Argus	Friday 1 June 2007	4	no	Hospitals "facing serious trouble"	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (Western Cape)	88	medicine and health	hospital strike	yes
Cape Argus	Friday 1 June 2007	4	no	Strike threatens to derail "green" youth event	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	71	life sciences	environment and pollution	no
Cape Argus	Friday 1 June 2007	5	no	Farmer told to restore ex-workers' water	article	journalist	Cape Argus	Murray Williams (Staff Writer)	South Africa (Western Cape)	107	life sciences	agriculture	no
Cape Argus	Friday 1 June 2007	6	no	Breast cancer drug "only for rich"	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (general)	127	medicine and health	diseases and treatment	no
Cape Argus	Friday 1 June 2007	8	no	Big bang astounds astronomers: Scientists look at the numbers and just shake their heads	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	America (North)	122	physical sciences	astronomy	yes
Cape Argus	Friday 1 June 2007	8	no	Minister loses court bid to stop Beeld's story on eNatis	article	journalist	News agency: Sapa	no name	South Africa (general)	78	technology	computers	no
Cape Argus	Friday 1 June 2007	9	no	Maties plan to develop diarrhoea vaccine	article	journalist	Cape Argus	Candes Keating (Education Reporter)	South Africa (Western Cape)	56	medicine and health	diseases and treatment	yes
Cape Argus	Friday 1 June 2007	11	no	More nuclear power plants on the cards	article	journalist	News agency: Sapa	no name	South Africa (general)	72	physical sciences	energy (nuclear)	yes
Cape Argus	Friday 1 June 2007	12	no	Tinkering with bugs offers new threat	article	journalist	Foreign newspaper: Washington Post	no name	Europe (other)	47	life sciences	genetics	yes
Cape Argus	Friday 1 June 2007	12	no	Critics cool on Bush global warming plan	article	journalist	News agency: Sapa	no name	America (North)	76	earth sciences	climate change	no
Cape Argus	Friday 1 June 2007	12	no	Livestock feed scare in America	article	journalist	Foreign newspaper: Washington Post	no name	America (North)	34	medicine and health	food and product safety	yes

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Cape Argus	Friday 1 June 2007	12	no	"Deadly" Chinese toothpaste seized	article	journalist	News agency: Unnamed	no name	America (Central and South)	15	medicine and health	food and product safety	no
Cape Argus	Friday 1 June 2007	12	no	Hundreds storm Zim school in gem hunt	article	journalist	Foreign newspaper: Zimbabwe Herald	no name	Africa	15	earth sciences	geology	no
Cape Argus	Friday 1 June 2007	18	no	Park rangers now "mug" hikers in official capacity	letter	public	n/a	Richard Street, Glencairn	South Africa (Western Cape)	43	life sciences	environment and pollution	no
Cape Argus	Friday 1 June 2007	Tonight page 10	no	TV highlights: March of the Penguins	article	journalist	Cape Argus	Sally Scott	Polar Regions	30	life sciences	animals (marine)	no
Cape Argus	Monday 4 June 2007	1	no	More rain and wind on the agenda	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	29	earth sciences	meteorology	yes
Cape Argus	Monday 4 June 2007	3	no	TAC set to join wage protests	article	journalist	Cape Argus	Dianne Hawker (Staff Reporter)	South Africa (general)	72	medicine and health	hospital strike	no
Cape Argus	Monday 4 June 2007	4	no	City eyes Atlantis for new dump	article	journalist	Cape Argus	Lindsay Dentlinger (Metro Writer)	South Africa (Western Cape)	85	life sciences	environment and pollution	no
Cape Argus	Monday 4 June 2007	4	no	Pringle Bay action group contests rezoning step	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	84	life sciences	environment and pollution	no
Cape Argus	Monday 4 June 2007	4	no	City moves fast to limit Orange Kloof damage	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	49	life sciences	plants	yes
Cape Argus	Monday 4 June 2007	5	no	Health chief hits out in equity row	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (Western Cape)	113	medicine and health	healthcare administration (other)	no
Cape Argus	Monday 4 June 2007	5	no	DA warns again on race quotas	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	44	medicine and health	healthcare administration (other)	no
Cape Argus	Monday 4 June 2007	6	no	Why were eNatis risks ignored - DA	article	journalist	News agency: Sapa	no name	South Africa (general)	33	technology	computers	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Monday 4 June 2007	7	no	US emissions idea "must fit UN treaty"	article	journalist	News agency: Sapa	no name	America (North)	56	earth sciences	climate change	no
Cape Argus	Monday 4 June 2007	7	no	Wildlife pact allows ivory sale to Japan	article	journalist	News agency: Reuters	no name	Africa	22	life sciences	animals (wildlife)	no
Cape Argus	Monday 4 June 2007	7	no	Milk maid	photograph	photographer	News agency: Reuters	no name	Europe (other)	4	life sciences	agriculture	no
Cape Argus	Monday 4 June 2007	9	no	Book review: Gore launches book (or is it campaign?) tour	article	journalist	News agency: Associated Press (AP)	no name	America (North)	24	earth sciences	climate change	no
Cape Argus	Monday 4 June 2007	10	no	Health alert	editorial comment	journalist	Cape Argus	Chris Whitfield (Cape Argus Editor)	South Africa (general)	41	medicine and health	healthcare administration (other)	no
Cape Argus	Monday 4 June 2007	10	no	Spare non-invasive pines and manage them for our benefit	letter	scientist or specialist	n/a	Hugh Hutchings, Rondebosch (Former manager of Silvermine Nature Reserve)	South Africa (Western Cape)	33	life sciences	plants	yes
Cape Argus	Tuesday 5 June 2007	1 and 3	no	Cosatu plea as clashes spread	article	journalist	Cape Argus	Moses Mdwu Mackay, Andisiwe Makinana, Candes Keating and Leila Samsodien (Staff Reporters)	South Africa (Western Cape)	126	medicine and health	hospital strike	no
Cape Argus	Tuesday 5 June 2007	4	no	Police used pepper spray on us, say protesters	article	journalist	Cape Argus	Zama Feni (Staff Reporter)	South Africa (Western Cape)	68	medicine and health	hospital strike	no
Cape Argus	Tuesday 5 June 2007	5	no	Athlone cooling towers to come down in 5 years	article	journalist	Cape Argus	Lindsay Dentlinger (Metro Writer)	South Africa (Western Cape)	124	life sciences	environment and pollution	no
Cape Argus	Tuesday 5 June 2007	5	no	City again refuses funds for the Table Mountain National Park	article	journalist	Cape Argus	Lindsay Dentlinger (Metro Writer)	South Africa (Western Cape)	101	life sciences	environment and pollution	no
Cape Argus	Tuesday 5 June 2007	8	no	Fears on state bid for power to veto EIAs	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	156	life sciences	environment and pollution	yes

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Cape Argus	Tuesday 5 June 2007	8	no	Make your footprint by stepping out towards a sustainable future	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (general)	204	life sciences	environment and pollution	yes
Cape Argus	Tuesday 5 June 2007	11	no	China and India at G8 summit as near equals	article	journalist	News agency: Agence France-Presse (AFP)	no name	Asia (Far East and Russia)	84	earth sciences	climate change	no
Cape Argus	Tuesday 5 June 2007	11	no	Pfizer faces \$7bn claims	article	journalist	Foreign newspaper: Washington Post	no name	Africa	28	medicine and health	diseases and treatment	no
Cape Argus	Tuesday 5 June 2007	11	no	Green Wall of China holds back desert	article	journalist	News agency: Unnamed	no name	Asia (Far East and Russia)	16	life sciences	plants	no
Cape Argus	Tuesday 5 June 2007	12	no	Chip: Wow! Climate change?	cartoon	cartoonist	Cape Argus	Chip	South Africa (general)	none	medicine and health	hospital strike	no
Cape Argus	Tuesday 5 June 2007	12	no	The greatest challenge	editorial comment	journalist	Cape Argus	Chris Whitfield (Cape Argus Editor)	South Africa (general)	40	medicine and health	Aids	no
Cape Argus	Tuesday 5 June 2007	12	no	Legal changes threaten official "land invasions"	letter	public	n/a	Ingela Richardson, Gonubie	South Africa (general)	76	life sciences	environment and pollution	no
Cape Argus	Wednesday 6 June 2007	1	no	Manto's back - with a snub to Aids summit	article	journalist	Cape Argus	Staff Reporter	South Africa (KwaZulu-Natal)	47	medicine and health	Aids	no
Cape Argus	Wednesday 6 June 2007	4	no	City urged to move on 2010 telecoms	article	journalist	Cape Argus	Lindsay Dentlinger (Metro Writer)	South Africa (Western Cape)	43	technology	telecommunication	no
Cape Argus	Wednesday 6 June 2007	6	no	"Sugar daddies up HIV risk for young women"	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (general)	52	medicine and health	Aids	no
Cape Argus	Wednesday 6 June 2007	6	no	Healthcare shake-up needed for Aids targets	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (general)	91	medicine and health	Aids	no
Cape Argus	Wednesday 6 June 2007	8	no	Shutdown on the cards to save perlemoen	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (general)	100	life sciences	animals (marine)	no
Cape Argus	Wednesday 6 June 2007	8	no	Terminal erosion fears	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	40	earth sciences	water	no

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Cape Argus	Wednesday 6 June 2007	8	no	City education scheme aims to turn kids green	article	journalist	Cape Argus	Lee-Shay Collison (Staff Reporter)	South Africa (Western Cape)	84	life sciences	environment and pollution	no
Cape Argus	Wednesday 6 June 2007	8	no	Breeders oppose new lion canned hunting laws	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (general)	46	life sciences	animals (wildlife)	no
Cape Argus	Wednesday 6 June 2007	11	no	Coke in project to conserve big rivers	article	journalist	News agency: Unnamed	no name	Asia (Far East and Russia)	13	earth sciences	water	no
Cape Argus	Wednesday 6 June 2007	12	no	Chip: Carbon footprint	cartoon	cartoonist	Cape Argus	Chip	South Africa (general)	none	life sciences	environment and pollution	no
Cape Argus	Wednesday 6 June 2007	12	no	Strike out	editorial comment	journalist	Cape Argus	Chris Whitfield (Cape Argus Editor)	South Africa (general)	39	medicine and health	hospital strike	no
Cape Argus	Wednesday 6 June 2007	12	no	What a waste of energy	letter	public	n/a	Peter Marais, Tokai	South Africa (general)	17	physical sciences	energy (electricity)	no
Cape Argus	Wednesday 6 June 2007	Classifieds page 1	no	Incorrectly installed electrical generators are dangerous	article	journalist	Cape Argus	Maureen Marud (Consumer Editor)	South Africa (general)	73	physical sciences	energy (electricity)	yes
Cape Argus	Thursday 7 June 2007	1	no	Sex-mad sugar daddies "spread HIV"	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (general)	46	medicine and health	Aids	no
Cape Argus	Thursday 7 June 2007	1	no	Morreesburg flooded - threat from river	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	14	earth sciences	meteorology	yes
Cape Argus	Thursday 7 June 2007	4	no	Naked bikers plan to defy city ban on ride	article	journalist	Cape Argus	no name	South Africa (Western Cape)	14	life sciences	environment and pollution	no
Cape Argus	Thursday 7 June 2007	5	no	Tik may doom unborn kids to life of crime	article	journalist	News agency: West Cape News	Yugendree Naidoo (Own Correspondent)	South Africa (Western Cape)	126	medicine and health	mental health	yes
Cape Argus	Thursday 7 June 2007	6	no	Close abalone industry now	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (general)	76	life sciences	animals (marine)	no
Cape Argus	Thursday 7 June 2007	6	no	Public urged to help "lost" homing pigeons	article	journalist	News agency: Sapa	no name	South Africa (Free State)	43	life sciences	animals (birds)	yes

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Thursday 7 June 2007	9	no	"TB controls are failing to curb deadly strain"	article	journalist	Cape Argus	Dianne Hawker (Staff Reporter)	South Africa (general)	98	medicine and health	diseases and treatment	yes
Cape Argus	Thursday 7 June 2007	9	no	Call to circumcise all boys to prevent Aids	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (general)	93	medicine and health	Aids	no
Cape Argus	Thursday 7 June 2007	9	no	We did not snub Manto - organisers	article	journalist	Cape Argus	Di Caelers and Sibusiso Ngilwa (Staff Writers)	South Africa (KwaZulu-Natal)	85	medicine and health	Aids	no
Cape Argus	Thursday 7 June 2007	9	no	"HIV moms need 6-month gap in treatment"	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (general)	25	medicine and health	Aids	yes
Cape Argus	Thursday 7 June 2007	11	no	"US will lead fight against climate change"	article	journalist	News agency: Sapa	no name	America (North)	99	earth sciences	climate change	no
Cape Argus	Thursday 7 June 2007	11	no	15 killed as cyclone hits Gulf region	article	journalist	News agency: Agence France-Presse (AFP)	no name	Asia (Middle East and India)	16	earth sciences	meteorology	no
Cape Argus	Thursday 7 June 2007	12	no	Chip: Manto: I'm back!	cartoon	cartoonist	Cape Argus	Chip	South Africa (general)	none	medicine and health	Aids	no
Cape Argus	Thursday 7 June 2007	12	no	Free Table Mountain	letter	public	n/a	Chris Walker, Cape Town	South Africa (Western Cape)	20	life sciences	environment and pollution	no
Cape Argus	Thursday 7 June 2007	Classifieds page 1	no	Namibia tries out wind, solar power cell system	article	journalist	News agency: Unnamed	no name	Africa	70	physical sciences	energy (renewable)	no
Cape Argus	Thursday 7 June 2007	Classifieds page 1	no	Eye in the sky tracks atrocities in Darfur	article	journalist	News agency: Sapa	no name	Africa	35	technology	telecommunication	no
Cape Argus	Thursday 7 June 2007	Classifieds page 1	no	Swipe at internet culture enrages blogosphere	article	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	116	technology	internet and email	no
Cape Argus	Thursday 7 June 2007	Tonight page 7	no	On the Trail: Around Lion's Head	column	scientist or specialist	Cape Argus	Peter Slingsby (The Mapmaker)	South Africa (Western Cape)	123	life sciences	environment and pollution	no

Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Friday 8 June 2007	2	no	Mama Taxi: Eco terrorism	cartoon	cartoonist	Cape Argus	Deni Brown and Gavin Thomson	South Africa (Western Cape)	none	life sciences	environment and pollution	no
Cape Argus	Friday 8 June 2007	3	no	Police move in after strikers "sjambok" Groote Schuur workers	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	201	medicine and health	hospital strike	no
Cape Argus	Friday 8 June 2007	3	no	Swartland stopped in tracks by flood	article	journalist	Cape Argus	Natasha Prince (Staff Reporter)	South Africa (Western Cape)	149	earth sciences	meteorology	yes
Cape Argus	Friday 8 June 2007	6	no	China flooded with fake blood protein	article	journalist	News agency: Unnamed	no name	Asia (Far East and Russia)	11	medicine and health	healthcare administration (malpractice)	no
Cape Argus	Friday 8 June 2007	7	no	Battle over affordable Aids drugs resume	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (general)	117	medicine and health	Aids	no
Cape Argus	Friday 8 June 2007	7	no	UNAids director praises new SA initiatives	article	journalist	Cape Argus	Liz Clarke (Special Correspondent)	South Africa (KwaZulu-Natal)	75	medicine and health	Aids	no
Cape Argus	Friday 8 June 2007	8	no	Cape could lead green power race	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	115	physical sciences	energy (renewable)	yes
Cape Argus	Friday 8 June 2007	9	no	Race has no role in hiring - Manto	article	journalist	Cape Argus	Sibusiso Ngilwa (Political Bureau)	South Africa (general)	99	medicine and health	healthcare administration (other)	no
Cape Argus	Friday 8 June 2007	11	no	Study warns on mass exodus of skilled white employees from parastatal Eskom	article	journalist	Cape Argus	Dianne Hawker and Mzoli Witbooi (Staff Reporters)	South Africa (general)	106	physical sciences	energy (electricity)	no
Cape Argus	Friday 8 June 2007	12	no	"Huge step" for green issues	article	journalist	Foreign newspaper: Daily Telegraph	no name	Europe (other)	80	earth sciences	climate change	no
Cape Argus	Friday 8 June 2007	12	no	Deal struck on \$60bn Aids pledge	article	journalist	News agency: Reuters	no name	Africa	28	medicine and health	Aids	no
Cape Argus	Friday 8 June 2007	14	no	Expired make-up is harmful, say experts	article	journalist	Foreign newspaper: Daily Mail	Beth Hale	Europe (UK and Ireland)	81	medicine and health	diseases and treatment	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Friday 8 June 2007	14	no	Too many baths may be bad for baby	article	journalist	Foreign newspaper: Daily Mail	Ben Clerkin	Europe (UK and Ireland)	43	medicine and health	other	yes
Cape Argus	Friday 8 June 2007	14	no	Drop in boy births may be caused by pollutants	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	23	life sciences	environment and pollution	yes
Cape Argus	Friday 8 June 2007	14	no	Constant fidgeting could be good for you	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	21	life sciences	genetics	yes
Cape Argus	Friday 8 June 2007	16	no	Funding article just right	letter	public	n/a	V Ruppig, Parow	South Africa (Western Cape)	20	life sciences	environment and pollution	no
Cape Argus	Friday 8 June 2007	17	no	A Bit of Skelm: Show off	column	journalist	Cape Argus	Skelm	South Africa (Western Cape)	7	life sciences	environment and pollution	no
Cape Argus	Friday 8 June 2007	17	no	A Bit of Skelm: Show stopper	column	journalist	Cape Argus	Skelm	South Africa (Western Cape)	21	medicine and health	Aids	no
Cape Argus	Friday 8 June 2007	17	no	A Bit of Skelm: Show us	column	journalist	Cape Argus	Skelm	South Africa (Western Cape)	27	life sciences	plants	no
Cape Argus	Monday 11 June 2007	1 and 3	no	5000 get relief aid as Peninsula swamped	article	journalist	Cape Argus	Natasha Prince and Zara Nicholson (Staff Reporters)	South Africa (Western Cape)	161	earth sciences	meteorology	yes
Cape Argus	Monday 11 June 2007	2	no	Mama Taxi: This used to be a big field with lots of trees	cartoon	cartoonist	Cape Argus	Deni Brown and Gavin Thomson	South Africa (Western Cape)	none	life sciences	plants	no
Cape Argus	Monday 11 June 2007	3	no	David, Cape Town's "gentleman baboon", killed by four dogs on Boland farm	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	88	life sciences	animals (wildlife)	no
Cape Argus	Monday 11 June 2007	4	no	75 health workers to be fired in Cape	article	journalist	Cape Argus	Dianne Hawker, Andisiwe Makinana and Leila Samsodien (Staff Reporters)	South Africa (Western Cape)	122	medicine and health	hospital strike	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Monday 11 June 2007	4	no	"Leave private health care alone"	article	journalist	News agency: Sapa	no name	South Africa (general)	69	medicine and health	healthcare administration (other)	no
Cape Argus	Monday 11 June 2007	7	no	Book review: Eat Smart for Sport, by Liesbet Delport and Paula Volschenk	article	journalist	Cape Argus	Vivien Horler	South Africa (general)	8	medicine and health	nutrition	no
Cape Argus	Monday 11 June 2007	8	no	Plans to address climate change are reassuring	letter	scientist or specialist	n/a	Dr Sue Taylor, Climate Change Programme Manager, WWF-SA	South Africa (general)	37	earth sciences	climate change	no
Cape Argus	Monday 11 June 2007	9	no	Our future lies in a clean, green city	article	journalist	Cape Argus	Tony Robinson	South Africa (Western Cape)	347	physical sciences	energy (renewable)	yes
Cape Argus	Monday 11 June 2007	Classifieds page 1	no	Argus Action: Offload your waste at these sites	article	journalist	Cape Argus	Maureen Marud (Consumer Editor)	South Africa (Western Cape)	92	life sciences	environment and pollution	no
Cape Argus	Tuesday 12 June 2007	1	no	Cops battle hospital pickets	article	journalist	Cape Argus	Andisiwe Makinana and Di Caelers	South Africa (Western Cape)	76	medicine and health	hospital strike	no
Cape Argus	Tuesday 12 June 2007	4	no	Woman shot during protest over flooding	article	journalist	Cape Argus	Mzoli Witbooi (Staff Reporter)	South Africa (Western Cape)	130	earth sciences	meteorology	no
Cape Argus	Tuesday 12 June 2007	4	no	"10 of us are sleeping in the same bed"	article	journalist	Cape Argus	Mzoli Witbooi (Staff Reporter)	South Africa (Western Cape)	61	earth sciences	meteorology	no
Cape Argus	Tuesday 12 June 2007	4	no	Dams fill up fast but water curbs still in effect	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (Western Cape)	56	earth sciences	water	yes
Cape Argus	Tuesday 12 June 2007	6	no	SMS crime line nets first suspect	article	journalist	News agency: Sapa	no name	South Africa (general)	30	technology	telecommunication	no
Cape Argus	Tuesday 12 June 2007	9	no	"It's war" say unions as nurses are fired	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (Western Cape)	110	medicine and health	hospital strike	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Tuesday 12 June 2007	9	no	Cosatu warns strike could soon "turn violent"	article	journalist	News agency: Sapa	no name	South Africa (general)	35	medicine and health	hospital strike	no
Cape Argus	Tuesday 12 June 2007	11	no	Contractor off the hook for eNatis chaos	article	journalist	Cape Argus	Candice Bailey (Staff Reporter)	South Africa (general)	127	technology	computers	no
Cape Argus	Tuesday 12 June 2007	11	no	GB's 460bn pledge "not air" - Ndungane	article	journalist	News agency: Sapa	no name	Africa	84	medicine and health	Aids	no
Cape Argus	Tuesday 12 June 2007	11	no	Circumcision of babies "undermines culture"	article	journalist	News agency: West Cape News	Sandiso Phaliso	South Africa (general)	80	medicine and health	Aids	no
Cape Argus	Tuesday 12 June 2007	12	no	Babies by the dozen delivered in the US	article	journalist	News agency: Associated Press (AP)	no name	America (North)	56	medicine and health	other	no
Cape Argus	Tuesday 12 June 2007	12	no	Dogs slaughtered to control rabies	article	journalist	News agency: Unnamed	no name	Asia (Far East and Russia)	13	life sciences	animals (pets)	no
Cape Argus	Tuesday 12 June 2007	12	no	More than 100 die in India heatwave	article	journalist	News agency: Unnamed	no name	Asia (Middle East and India)	13	earth sciences	meteorology	no
Cape Argus	Tuesday 12 June 2007	13	no	Congo cuts power to Zim over unpaid \$5m bill	article	journalist	News agency: Sapa	no name	Africa	25	physical sciences	energy (electricity)	no
Cape Argus	Tuesday 12 June 2007	16	no	Indiscipline and ambition	editorial comment	journalist	Cape Argus	Chris Whitfield (Cape Argus Editor)	South Africa (general)	39	medicine and health	hospital strike	no
Cape Argus	Tuesday 12 June 2007	16	no	Chip: Winter levels - gatvol	cartoon	cartoonist	Cape Argus	Chip	South Africa (Western Cape)	none	earth sciences	water	no
Cape Argus	Tuesday 12 June 2007	16	no	Keohane's arithmetic	letter	public	n/a	Perry Martin, Ronsbosch	South Africa (general)	14	physical sciences	mathematics	yes
Cape Argus	Wednesday 13 June 2007	1	yes	Protest standoff in the city	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	173	medicine and health	hospital strike	no
Cape Argus	Wednesday 13 June 2007	2	no	Mama Taxi: I did a first aid course at school	cartoon	cartoonist	Cape Argus	Deni Brown and Gavin Thomson	South Africa (Western Cape)	none	medicine and health	hospital strike	no
Cape Argus	Wednesday 13 June 2007	4	no	Strike denies patients HIV drugs, say docs	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (Western Cape)	127	medicine and health	Aids	yes

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Wednesday 13 June 2007	4	no	ICU nurse fired over picketing for fair wage	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (Western Cape)	84	medicine and health	hospital strike	no
Cape Argus	Wednesday 13 June 2007	9	no	G8 decision on drugs under fire	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (general)	94	medicine and health	Aids	no
Cape Argus	Wednesday 13 June 2007	9	no	Court rules Koeberg building curbs are invalid	article	journalist	Cape Argus	Lenore Oliver (Political Reporter)	South Africa (Western Cape)	56	physical sciences	energy (nuclear)	no
Cape Argus	Wednesday 13 June 2007	10	no	Manto warns against mass circumcision of babies	article	journalist	Cape Argus	Boyd Webb (Political Bureau)	South Africa (general)	56	medicine and health	Aids	no
Cape Argus	Wednesday 13 June 2007	11	no	Caught whale "more than 115 years old"	article	journalist	News agency: Unnamed	no name	America (North)	12	life sciences	animals (marine)	yes
Cape Argus	Wednesday 13 June 2007	14	no	Extend this audit	editorial comment	journalist	Cape Argus	Chris Whitfield (Cape Argus Editor)	Africa	39	medicine and health	Aids	no
Cape Argus	Wednesday 13 June 2007	14	no	Act over killing of David the roving baboon	letter	public	n/a	Gin Greenwood, Warner	South Africa (Western Cape)	32	life sciences	animals (wildlife)	no
Cape Argus	Wednesday 13 June 2007	14	no	A deceptive defence of the wrong kind of pines	letter	scientist or specialist	n/a	Dr Tony Rebello, Kirstenbosch	South Africa (Western Cape)	57	life sciences	plants	yes
Cape Argus	Wednesday 13 June 2007	14	no	TMNP is hell-bent on its own selfish goals	letter	public	n/a	Timothy Frank, Muizenberg	South Africa (Western Cape)	73	life sciences	environment and pollution	no
Cape Argus	Wednesday 13 June 2007	15	no	Tavern of the Seas: As a Karoo-born man I never thought I'd be glad when it stopped raining...	column	journalist	Cape Argus	David Biggs	South Africa (Western Cape)	49	earth sciences	meteorology	yes
Cape Argus	Thursday 14 June 2007	1	no	Say what? An electric fence cows can wear?	column	journalist	Sapa	Say What?	Australasia	20	technology	telecommunication	yes
Cape Argus	Thursday 14 June 2007	2	no	Mama Taxi: Lot of hot air about global warming	cartoon	cartoonist	Cape Argus	Deni Brown and Gavin Thomson	South Africa (general)	none	earth sciences	climate change	no
Cape Argus	Thursday 14 June 2007	4	no	Private hospitals step in to help relieve pressure	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (general)	88	medicine and health	hospital strike	no
Cape Argus	Thursday 14 June 2007	5	no	Gas consumers face shortages and price rises	article	journalist	Cape Argus	Dianne Hawker (Staff Reporter)	South Africa (general)	124	physical sciences	energy (oil and gas)	no

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Cape Argus	Thursday 14 June 2007	6	no	Water works face crisis	article	journalist	News agency: Sapa	no name	South Africa (general)	49	earth sciences	water	no
Cape Argus	Thursday 14 June 2007	8	no	Eskom hosts public talks on nuclear power plant	article	journalist	Cape Argus	Lee-Shay Collison (Staff Reporter)	South Africa (Western Cape)	46	physical sciences	energy (nuclear)	no
Cape Argus	Thursday 14 June 2007	13	no	Lesotho faces mass starvation	article	journalist	Cape Argus	Basildon Peta (Foreign Service)	Africa	35	earth sciences	meteorology	no
Cape Argus	Thursday 14 June 2007	13	no	Ivory trade banned - after one-off sale	article	journalist	News agency: Unnamed	no name	Africa	16	life sciences	animals (wildlife)	no
Cape Argus	Thursday 14 June 2007	13	no	Greens in Ireland's government	article	journalist	News agency: Unnamed	no name	Europe (UK and Ireland)	13	life sciences	environment and pollution	no
Cape Argus	Thursday 14 June 2007	Classifieds page 1	no	The hunt is on for aliens	article	journalist	Foreign newspaper: Daily Telegraph	Roger Highfield	Europe (UK and Ireland)	144	physical sciences	astronomy	yes
Cape Argus	Thursday 14 June 2007	Classifieds page 1	no	Wireless transfer may replace batteries	article	journalist	News agency: Agence France-Presse (AFP)	no name	America (North)	20	technology	computers	yes
Cape Argus	Thursday 14 June 2007	Classifieds page 1	no	Bid to make computers more energy efficient	article	journalist	News agency: Sapa	no name	America (North)	17	technology	computers	yes
Cape Argus	Thursday 14 June 2007	Classifieds page 1	no	YouTube to test video recognition technology	article	journalist	News agency: Sapa	no name	America (North)	13	technology	internet and email	yes
Cape Argus	Thursday 14 June 2007	Tonight page 7	no	On the Trail: Back to Sevilla	column	scientist or specialist	Cape Argus	Peter Slingsby (The Mapmaker)	South Africa (Western Cape)	184	life sciences	environment and pollution	no
Cape Argus	Friday 15 June 2007	1	no	Say what? Baby monitor tunes in Nasa	column	journalist	News agency: Associated Press (AP)	Say What?	America (North)	23	technology	telecommunication	yes
Cape Argus	Friday 15 June 2007	4	no	Doctors furious about firing of health staff	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (Western Cape)	100	medicine and health	hospital strike	no

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Cape Argus	Friday 15 June 2007	4	no	Fears of attack add to the strain, say workers	article	journalist	Cape Argus	Leila Samsodien (Staff Reporter)	South Africa (Western Cape)	46	medicine and health	hospital strike	no
Cape Argus	Friday 15 June 2007	5	no	Swartland mop-up could cost R86m	article	journalist	Cape Argus	Lenore Oliver (Political Reporter)	South Africa (Western Cape)	113	earth sciences	meteorology	no
Cape Argus	Friday 15 June 2007	5	no	Local Colgate toothpaste not poisonous - company	article	journalist	News agency: Associated Press (AP)	Staff Reporter	South Africa (general)	73	medicine and health	food and product safety	yes
Cape Argus	Friday 15 June 2007	10	no	Kuils River school gets a new Tree of Life	article	journalist	Cape Argus	Henri du Plessis (Staff Reporter)	South Africa (Western Cape)	75	life sciences	plants	yes
Cape Argus	Friday 15 June 2007	10	no	City's risks include slow service delivery and electricity	article	journalist	Cape Argus	Lindsay Dentlinger (Metro Writer)	South Africa (Western Cape)	56	physical sciences	energy (electricity)	no
Cape Argus	Friday 15 June 2007	14	no	DA demands answer on medical posts	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (Western Cape)	101	medicine and health	healthcare administration (other)	no
Cape Argus	Friday 15 June 2007	14	no	Highest death rate is for kids under 4	article	journalist	News agency: Sapa	no name	South Africa (general)	63	medicine and health	diseases and treatment	yes
Cape Argus	Friday 15 June 2007	14	no	Eight held over illegal circumcision in E Cape	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	21	medicine and health	healthcare administration (malpractice)	no
Cape Argus	Friday 15 June 2007	16	no	Union protests against SA mining deaths	article	journalist	News agency: Sapa	no name	South Africa (general)	35	earth sciences	geology	no
Cape Argus	Friday 15 June 2007	16	no	Zambia to send food to Zimbabwe	article	journalist	News agency: Unnamed	no name	Africa	16	life sciences	agriculture	no
Cape Argus	Friday 15 June 2007	19	no	Daddy's girls choose huddies resembling dads	article	journalist	Foreign newspaper: Daily Mail	Fiona MacRae	Europe (UK and Ireland)	102	medicine and health	mental health	yes
Cape Argus	Friday 15 June 2007	20	no	Clean up our act before the World Cup goes down the drain	letter	public	n/a	E Davids, Mitchells Plain	South Africa (Western Cape)	35	life sciences	environment and pollution	no
Cape Argus	Friday 15 June 2007	20	no	SANParks requirement for permits is illegal	letter	public	n/a	P Thompson, Bergvliet	South Africa (Western Cape)	21	life sciences	environment and pollution	no

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Cape Argus	Friday 15 June 2007	21	no	A Bit of Skelm: Lengthy discussion	column	journalist	Cape Argus	Skelm	South Africa (KwaZulu-Natal)	14	medicine and health	Aids	no
Cape Argus	Friday 15 June 2007	21	no	A Bit of Skelm: Longing for Manto	column	journalist	Cape Argus	Skelm	South Africa (KwaZulu-Natal)	9	medicine and health	Aids	no
Cape Argus	Monday 18 June 2007	1	no	Probe as health-care meltdown hits Pollsmoor	article	journalist	Cape Argus	Norman Joseph (Crime Reporter)	South Africa (Western Cape)	91	medicine and health	healthcare administration (other)	no
Cape Argus	Monday 18 June 2007	1	no	Say what? Raindrops sink Russki Robocop	column	journalist	News agency: Ananova.com	Say What?	Asia (Far East and Russia)	20	technology	other	no
Cape Argus	Monday 18 June 2007	2	no	Mama Taxi: "I can't understand all this stuff about the big bang and chaos theory."	cartoon	cartoonist	Cape Argus	Deni Brown and Gavin Thomson	South Africa (Western Cape)	none	physical sciences	astronomy	no
Cape Argus	Monday 18 June 2007	3	no	Charges unlikely after Tokai baboon's death	article	journalist	Cape Argus	Leila Samsodien (Staff Reporter)	South Africa (Western Cape)	30	life sciences	animals (wildlife)	no
Cape Argus	Monday 18 June 2007	4	no	"Boys used dog as a football"	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	77	life sciences	animals (pets)	no
Cape Argus	Monday 18 June 2007	5	no	Industrial action looms at Eskom	article	journalist	Cape Argus	Staff Reporter	South Africa (general)	44	physical sciences	energy (electricity)	no
Cape Argus	Monday 18 June 2007	5	no	Sugar daddies lure young girls	article	journalist	Cape Argus	Di Caelers and Zama Feni (Staff Reporters)	South Africa (Western Cape)	171	medicine and health	Aids	no
Cape Argus	Monday 18 June 2007	6	no	Experts warn on scourge of diabetes	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (Western Cape)	112	medicine and health	diseases and treatment	yes
Cape Argus	Monday 18 June 2007	12	no	Earthlife Africa must accept need for nuclear power plants	letter	public	n/a	R Mike Longden-Thurgood, Milnerton	South Africa (general)	47	physical sciences	energy (nuclear)	no
Cape Argus	Monday 18 June 2007	12	no	Nurses there to serve	letter	scientist or specialist	n/a	Agnes Essen, Nursing sister and missionary	South Africa (general)	16	medicine and health	hospital strike	no



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Cape Argus	Monday 18 June 2007	12	no	Litterbugs are disgusting pain in the nether end	letter	public	n/a	Jon Amira, Protea Valley	South Africa (Western Cape)	74	life sciences	environment and pollution	no
Cape Argus	Tuesday 19 June 2007	4	no	NSPCA slams jackal captivity for hunting	article	journalist	News agency: Sapa	no name	South Africa (Gauteng)	33	life sciences	animals (wildlife)	no
Cape Argus	Tuesday 19 June 2007	5	no	New road plan to save the Big Hole	article	journalist	Cape Argus	Sandi Kwon Hoo (Special Correspondent)	South Africa (Northern Cape)	19	earth sciences	geology	no
Cape Argus	Tuesday 19 June 2007	6	no	Jet fuel spill "cleaned up"	article	journalist	News agency: Sapa	no name	South Africa (Gauteng)	21	life sciences	environment and pollution	no
Cape Argus	Tuesday 19 June 2007	6	no	Untested medicines endanger lives - DA	article	journalist	News agency: Sapa	no name	South Africa (Western Cape)	49	medicine and health	healthcare administration (malpractice)	no
Cape Argus	Tuesday 19 June 2007	9	no	Dwarf sperm whale washes up at Muizenberg	article	journalist	Cape Argus	Henri du Plessis (Staff Reporter)	South Africa (Western Cape)	44	life sciences	animals (marine)	yes
Cape Argus	Tuesday 19 June 2007	10	no	Tribe logs on to Google Earth to halt deforestation	article	journalist	News agency: Associated Press (AP)	no name	America (Central and South)	32	life sciences	plants	yes
Cape Argus	Tuesday 19 June 2007	10	no	Chinese firm reuses 2-year-old dumplings	article	journalist	News agency: Unnamed	no name	Asia (Far East and Russia)	12	medicine and health	food and product safety	no
Cape Argus	Tuesday 19 June 2007	12	no	Circumcisions will not stop Aids	letter	public	n/a	Chris Rainier-Pope, Rondebosch	South Africa (general)	48	medicine and health	Aids	no
Cape Argus	Tuesday 19 June 2007	12	no	Save magnificent area	letter	public	n/a	R Tait, Claremont	South Africa (Western Cape)	13	life sciences	plants	no
Cape Argus	Tuesday 19 June 2007	12	no	Guards for solar project	letter	public	n/a	Ingela Richardson, Gonubie	South Africa (Eastern Cape)	12	physical sciences	energy (renewable)	no
Cape Argus	Tuesday 19 June 2007	13	no	Is DA playing tug-of-war over park?	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	295	life sciences	environment and pollution	no
Cape Argus	Tuesday 19 June 2007	13	no	Tavern of the Seas: I never cease to be amazed at the combined knowledge...	column	journalist	Cape Argus	David Biggs	South Africa (Western Cape)	56	earth sciences	meteorology	no

Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Wednesday 20 June 2007	1	no	Loyal dog keeps medics at bay	article	journalist	Cape Argus	Mzolsi Witbooi (Staff Reporter)	South Africa (Western Cape)	72	life sciences	animals (pets)	no
Cape Argus	Wednesday 20 June 2007	5	no	HIV-positive Jordan killer should not get life	article	journalist	Cape Argus	Lenore Oliver (Political Reporter)	South Africa (Western Cape)	109	medicine and health	Aids	no
Cape Argus	Wednesday 20 June 2007	6	no	TAC wants healthcare workers reinstated	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (Western Cape)	51	medicine and health	hospital strike	no
Cape Argus	Wednesday 20 June 2007	6	no	Church clips wings of Virgin Mary teen	article	journalist	Cape Argus	Staff Reporter	South Africa (Gauteng)	74	science and beliefs	science and religion	yes
Cape Argus	Wednesday 20 June 2007	8	no	Riot acts read to health officials at Pollsmoor	article	journalist	Cape Argus	Leila Samsodien (Staff Reporter)	South Africa (Western Cape)	119	medicine and health	healthcare administration (other)	no
Cape Argus	Wednesday 20 June 2007	8	no	Health Department "careful not to poach foreign workers"	article	journalist	Cape Argus	Janine Stephen (Political Bureau)	South Africa (general)	81	medicine and health	healthcare administration (other)	no
Cape Argus	Wednesday 20 June 2007	10	no	Essop wins praise for green pledge	article	journalist	Cape Argus	Henri du Plessis and Lee-Shay Collison (Staff Reporters)	South Africa (Western Cape)	125	life sciences	environment and pollution	no
Cape Argus	Wednesday 20 June 2007	10	no	Upgrade of parks to cost over R1bn, says minister	article	journalist	News agency: Sapa	no name	South Africa (general)	46	life sciences	environment and pollution	no
Cape Argus	Wednesday 20 June 2007	11	no	Unilever, Canon and Nike "greenest firms"	article	journalist	News agency: Unnamed	no name	America (North)	13	earth sciences	climate change	no
Cape Argus	Wednesday 20 June 2007	11	no	China trains people to sniff out foul gas	article	journalist	News agency: Unnamed	no name	Asia (Far East and Russia)	12	life sciences	environment and pollution	no
Cape Argus	Wednesday 20 June 2007	11	no	Medics to appeal death sentence	article	journalist	News agency: Unnamed	no name	Africa	8	medicine and health	Aids	no
Cape Argus	Wednesday 20 June 2007	14	no	Tavern of the Seas: After about five years of abuse and neglect my cellphone...	column	journalist	Cape Argus	David Biggs	South Africa (Western Cape)	78	technology	telecommunication	no
Cape Argus	Wednesday 20 June 2007	15	no	Monkey puzzle	letter	public	n/a	Walter Mangold, Hout Bay	South Africa (Western Cape)	25	life sciences	animals (wildlife)	no

**Appendix B:** Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Wednesday 20 June 2007	15	no	Heartless youths	letter	public	n/a	Lynne Hill, Constantia	South Africa (Western Cape)	9	life sciences	animals (pets)	no
Cape Argus	Thursday 21 June 2007	1	no	Gas supply runs out in Cape	article	journalist	Cape Argus	Dianne Hawker (Staff Reporter)	South Africa (Western Cape)	59	physical sciences	energy (oil and gas)	no
Cape Argus	Thursday 21 June 2007	5	no	Company recalls toy covered in toxic lead paint	article	journalist	Cape Argus	Lee-Shay Collison (Staff Reporter)	South Africa (general)	92	medicine and health	food and product safety	yes
Cape Argus	Thursday 21 June 2007	5	no	Shortest day of the year	article	journalist	News agency: Sapa	no name	South Africa (general)	36	physical sciences	astronomy	yes
Cape Argus	Thursday 21 June 2007	5	no	Injury blow to baboon study	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	46	life sciences	animals (wildlife)	yes
Cape Argus	Thursday 21 June 2007	6	no	Pringle Cove rezoning slated	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	124	life sciences	environment and pollution	no
Cape Argus	Thursday 21 June 2007	7	no	Balfour furious over suspension claim by doctor	article	journalist	Cape Argus	Zama Feni (Staff Reporter)	South Africa (Western Cape)	89	medicine and health	healthcare administration (other)	no
Cape Argus	Thursday 21 June 2007	7	no	Minister, MEC to meet over Polismoor	article	journalist	Cape Argus	Zama Feni (Staff Reporter)	South Africa (Western Cape)	24	medicine and health	healthcare administration (other)	no
Cape Argus	Thursday 21 June 2007	8	no	Happy ending for dog used as football	article	journalist	Cape Argus	Lee-Shay Collison (Staff Reporter)	South Africa (Western Cape)	50	life sciences	animals (pets)	no
Cape Argus	Thursday 21 June 2007	11	no	Roads body says eNtatis now working properly	article	journalist	News agency: Sapa	no name	South Africa (general)	30	technology	computers	no
Cape Argus	Thursday 21 June 2007	12	no	City eyes land with rare plants, but will have to pay hefty sum	article	journalist	News agency: West Cape News	Peter Luhanga (Special Correspondent)	South Africa (Western Cape)	107	life sciences	plants	yes
Cape Argus	Thursday 21 June 2007	12	no	Farmer wins damages after "vandalistic" pruning by Eskom	article	journalist	News agency: Sapa	no name	South Africa (Mpumalanga)	54	life sciences	agriculture	no

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Cape Argus	Thursday 21 June 2007	12	no	Activists outraged as South Africa poised to make R40 million from ivory sale	article	journalist	Cape Argus	Sheena Adams	South Africa (Northern Cape)	102	life sciences	animals (wildlife)	no
Cape Argus	Thursday 21 June 2007	12	no	Water desalination uses too much energy - WWF	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	140	earth sciences	water	yes
Cape Argus	Thursday 21 June 2007	14	no	Lost without a trace: One mountain lake in Chile	article	journalist	News agency: Sapa	no name	America (Central and South)	36	earth sciences	water	yes
Cape Argus	Thursday 21 June 2007	14	no	Tainted cough syrup kills 80 in Panama	article	journalist	News agency: Sapa	no name	America (Central and South)	69	medicine and health	food and product safety	yes
Cape Argus	Thursday 21 June 2007	14	no	China tops America in carbon emissions	article	journalist	News agency: Unnamed	no name	Asia (Far East and Russia)	15	earth sciences	climate change	yes
Cape Argus	Thursday 21 June 2007	16	no	Immoral World Cup lure	letter	public	n/a	Ms Philewa Monday, Mthatha	South Africa (general)	13	medicine and health	Aids	no
Cape Argus	Thursday 21 June 2007	Tonight page 7	no	On the Trail: Exploring the Green Belt	column	scientist or specialist	Cape Argus	Peter Slingsby (The Mapmaker)	South Africa (Western Cape)	133	life sciences	environment and pollution	no
Cape Argus	Friday 22 June 2007	4	no	Eskom unions apologise ahead of their strike in July	article	journalist	News agency: Sapa	no name	South Africa (general)	142	physical sciences	energy (electricity)	no
Cape Argus	Friday 22 June 2007	5	no	Paralysed baboon Marcus put down, but Eric in good shape	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	60	life sciences	animals (wildlife)	yes
Cape Argus	Friday 22 June 2007	6	no	Environment minister says nations can reach a compromise on whaling policy	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (general)	124	life sciences	animals (marine)	no
Cape Argus	Friday 22 June 2007	6	no	SA still faces big challenges in race relations despite improvements - Netshitenzhe	article	journalist	Cape Argus	Sibusiso Ngalwa (Political Bureau)	South Africa (general)	75	medicine and health	Aids	no

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Cape Argus	Friday 22 June 2007	6	no	Meat patrols on SA flights to UK	article	journalist	Cape Argus	Elizma Nolte (Foreign Service)	Europe (UK and Ireland)	75	life sciences	agriculture	yes
Cape Argus	Friday 22 June 2007	8	no	Gas shortage fuels fears	article	journalist	Cape Argus	Dianne Hawker (Staff Reporter)	South Africa (Western Cape)	112	physical sciences	energy (oil and gas)	no
Cape Argus	Friday 22 June 2007	8	no	TAC action "seeks to punish government"	article	journalist	News agency: Sapa	no name	South Africa (Western Cape)	80	medicine and health	hospital strike	no
Cape Argus	Friday 22 June 2007	9	no	Unicef calls for action on SA deaths	article	journalist	News agency: Sapa	no name	South Africa (general)	25	medicine and health	diseases and treatment	no
Cape Argus	Friday 22 June 2007	10	no	"Number of abalone poachers growing"	article	journalist	Cape Argus	Zama Feni (Staff Reporter)	South Africa (Western Cape)	86	life sciences	animals (marine)	no
Cape Argus	Friday 22 June 2007	10	no	The fine art of charting the seas	article	journalist	Cape Argus	Mzoli Witbooi (Staff Reporter)	South Africa (Western Cape)	62	earth sciences	water	yes
Cape Argus	Friday 22 June 2007	14	no	A great deal of sound and fury	editorial comment	journalist	Cape Argus	Chris Whitfield (Cape Argus Editor)	South Africa (Western Cape)	39	medicine and health	healthcare administration (other)	no
Cape Argus	Friday 22 June 2007	14	no	TMNP needs to listen to needs of Capetonians	letter	public	n/a	Chris Walker, Tokai	South Africa (Western Cape)	76	life sciences	environment and pollution	no
Cape Argus	Friday 22 June 2007	Classified page 1	no	Argus Action: eNatis comes to motorists' aid	column	journalist	Cape Argus	Maureen Marud (Consumer Editor)	South Africa (Western Cape)	64	technology	computers	no
Cape Argus	Monday 25 June 2007	2	no	Mama Taxi: Save Energy Week	cartoon	cartoonist	Cape Argus	Dani Brown and Gavin Thomson	South Africa (Western Cape)	none	physical sciences	energy (renewable)	no
Cape Argus	Monday 25 June 2007	3	no	Brace yourself for wintry weather	article	journalist	Cape Argus	Leila Samsodien (Staff Reporter)	South Africa (Western Cape)	53	earth sciences	meteorology	yes
Cape Argus	Monday 25 June 2007	4	no	Initiation school surgeon held as two boys die after ceremony	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	52	medicine and health	healthcare administration (malpractice)	no
Cape Argus	Monday 25 June 2007	4	no	Leopard attacks baby	article	journalist	News agency: Sapa	no name	South Africa (Free State)	27	life sciences	animals (wildlife)	no

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Cape Argus	Monday 25 June 2007	5	no	Axings at clinic take toll on patients	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (Western Cape)	108	medicine and health	hospital strike	yes
Cape Argus	Monday 25 June 2007	6	no	Council probes Khayelitsha's choking air	article	journalist	Cape Argus	Lindsay Dentlinger (Metro Writer)	South Africa (Western Cape)	95	life sciences	environment and pollution	yes
Cape Argus	Monday 25 June 2007	7	no	Sporrans out of kilter with EU law	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	30	life sciences	animals (wildlife)	no
Cape Argus	Monday 25 June 2007	9	no	165 homes burnt in California wildfire	article	journalist	News agency: Unnamed	no name	America (North)	16	life sciences	environment and pollution	no
Cape Argus	Monday 25 June 2007	9	no	Chinese aircon ban raises temperatures	article	journalist	News agency: Unnamed	no name	Asia (Far East and Russia)	14	physical sciences	energy (electricity)	no
Cape Argus	Monday 25 June 2007	11	no	Book review: How Big is your Brain?	article	journalist	News agency: Unnamed	no name	South Africa (general)	8	physical sciences	mathematics	no
Cape Argus	Monday 25 June 2007	12	no	Strike out	editorial comment	journalist	Cape Argus	Chris Whitfield (Cape Argus Editor)	South Africa (general)	39	medicine and health	hospital strike	no
Cape Argus	Monday 25 June 2007	12	no	Seeking visions in the Sun may blind you	letter	scientist or specialist	n/a	Jill Wagner, National Executive Director, SA National Council for the Blind	South Africa (Gauteng)	42	science and beliefs	science and religion	yes
Cape Argus	Monday 25 June 2007	12	no	The DA is right to join tug of war for our mountain	letter	public	n/a	Richard Fuggle, Rondebosch	South Africa (Western Cape)	84	life sciences	environment and pollution	no
Cape Argus	Monday 25 June 2007	12	no	Dumb humans are the problem, not the baboons	letter	public	n/a	Heather Holthuysen, Simon's Town	South Africa (Western Cape)	41	life sciences	animals (wildlife)	no
Cape Argus	Monday 25 June 2007	12	no	Compassion deserts the sick at Groote Schuur	letter	public	n/a	Renee Roman, Toronto, Canada	South Africa (Western Cape)	14	medicine and health	healthcare administration (other)	no
Cape Argus	Monday 25 June 2007	13	no	Tavern of the Seas: Monkey Biz	column	journalist	Cape Argus	David Biggs	South Africa (Eastern Cape)	25	life sciences	animals (wildlife)	yes

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Tuesday 26 June 2007	1 and 3	yes	Freak storm wreaks havoc	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	150	earth sciences	meteorology	yes
Cape Argus	Tuesday 26 June 2007	2	no	Mama Taxi: Save Energy Week	cartoon	cartoonist	Cape Argus	Deni Brown and Gavin Thomson	South Africa (Western Cape)	none	physical sciences	energy (renewable)	no
Cape Argus	Tuesday 26 June 2007	4	no	Restore healthcare, says court	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (Western Cape)	49	medicine and health	hospital strike	no
Cape Argus	Tuesday 26 June 2007	5	no	Mines break pledges on safety	article	journalist	News agency: Unnamed	no name	South Africa (North West)	44	earth sciences	geology	no
Cape Argus	Tuesday 26 June 2007	7	no	Cape conservation authority's future remains in balance	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	129	life sciences	environment and pollution	no
Cape Argus	Tuesday 26 June 2007	8	no	Call for Pollsmoor hospital overhaul	article	journalist	Cape Argus	Norman Joseph (Crime Reporter)	South Africa (Western Cape)	134	medicine and health	healthcare administration (other)	no
Cape Argus	Tuesday 26 June 2007	10	no	HIV rates down for pregnant women	article	journalist	News agency: Sapa	no name	South Africa (general)	38	medicine and health	Aids	no
Cape Argus	Tuesday 26 June 2007	11	no	R15bn for fight against killer TB	article	journalist	Cape Argus	Staff Reporter	South Africa (general)	67	medicine and health	diseases and treatment	yes
Cape Argus	Tuesday 26 June 2007	11	no	Africa urged to take control of its resources	article	journalist	News agency: Agence France-Presse (AFP)	no name	Africa	56	earth sciences	geology	no
Cape Argus	Tuesday 26 June 2007	12	no	UN, N Korea revive nuke deal	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	57	physical sciences	energy (nuclear)	no
Cape Argus	Tuesday 26 June 2007	13	no	Prehistoric penguins liked it hot	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	America (Central and South)	92	earth sciences	palaeontology and archaeology	yes
Cape Argus	Tuesday 26 June 2007	15	no	Comet blast killed off the woolly mammoth a new theory holds	article	journalist	Foreign newspaper: Washington Post	Christopher Lee	America (North)	99	earth sciences	palaeontology and archaeology	yes
Cape Argus	Tuesday 26 June 2007	18	no	Get all on board to solve Pollsmoor health crisis	letter	scientist or specialist	n/a	Dr Paul A Theron, Plumstead	South Africa (Western Cape)	26	medicine and health	healthcare administration (other)	no

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Cape Argus	Tuesday 26 June 2007	19	no	Tavern of the Seas: After spending a few restorative days in the Karoo...	column	journalist	Cape Argus	David Biggs	South Africa (Eastern Cape)	52	physical sciences	astronomy	yes
Cape Argus	Wednesday 27 June 2007	1 and 3	yes	-5 degrees C as snow cloaks SA	article	journalist	Cape Argus	Murray Williams and Leila Samsodien (Staff Reporters)	South Africa (general)	160	earth sciences	meteorology	yes
Cape Argus	Wednesday 27 June 2007	5	no	Zille vows legal action over key tik ingredient	article	journalist	Cape Argus	Lindsay Dentlinger (Metro Writer)	South Africa (Western Cape)	38	physical sciences	chemistry	no
Cape Argus	Wednesday 27 June 2007	6	no	Lion breeders seek to can new laws	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Free State)	146	life sciences	animals (wildlife)	no
Cape Argus	Wednesday 27 June 2007	12	no	Nurses prevented from going back to work	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (Western Cape)	104	medicine and health	hospital strike	no
Cape Argus	Wednesday 27 June 2007	14	no	Pfizer in court over Nigeria drug trial	article	journalist	News agency: Unnamed	no name	Africa	13	medicine and health	diseases and treatment	no
Cape Argus	Wednesday 27 June 2007	15	no	Taking the GREY out of winter	article	journalist	Cape Argus	Jeanne Viall	South Africa (Western Cape)	104	life sciences	plants	no
Cape Argus	Wednesday 27 June 2007	15	no	Garden Patch: Old pine stump makes way for texture and colour	column	scientist or specialist	Cape Argus	Hilary Mauve	South Africa (Western Cape)	86	life sciences	plants	yes
Cape Argus	Wednesday 27 June 2007	16	no	Fashion world goes wild for rare and exotic skins	article	journalist	Foreign newspaper: Daily Mail	Andrea Thompson	Europe (UK and Ireland)	153	life sciences	animals (wildlife)	no
Cape Argus	Wednesday 27 June 2007	16	no	EU bans dog, cat fur imports from China	article	journalist	Foreign newspaper: Daily Mail	Sean Poulter	Europe (UK and Ireland)	40	life sciences	animals (pets)	no
Cape Argus	Wednesday 27 June 2007	17	no	No big mystery behind the drop in numbers of mammograms	article	journalist	Foreign newspaper: Baltimore Sun	Susan Reimer	America (North)	82	medicine and health	diseases and treatment	no
Cape Argus	Wednesday 27 June 2007	17	no	Unightly braces a thing of the past	article	journalist	Foreign newspaper: Daily Mail	Fiona MacRae	Europe (UK and Ireland)	31	medicine and health	other	yes

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Cape Argus	Wednesday 27 June 2007	17	no	Whitening teeth might burn your mouth!	article	journalist	Foreign newspaper: Daily Mail	Sean Poulter	Europe (UK and Ireland)	52	medicine and health	other	yes
Cape Argus	Wednesday 27 June 2007	18	no	Video game addiction not a mental disorder - yet	article	journalist	News agency: Reuters	Julie Steenhuisen	America (North)	79	medicine and health	mental health	no
Cape Argus	Wednesday 27 June 2007	20	no	The first water war is already under way	article	journalist	News agency: Sapa	Alfred de Montesquiou	Africa	165	earth sciences	water	no
Cape Argus	Wednesday 27 June 2007	22	no	Mountain access is free and easy, thanks to TMNP	letter	scientist or specialist	n/a	Brett Myrdal, Park Manager, Table Mountain National Park	South Africa (Western Cape)	96	life sciences	environment and pollution	no
Cape Argus	Wednesday 27 June 2007	22	no	Alternative energy	letter	public	n/a	RM Longden-Thurgood, Milnerton	South Africa (Western Cape)	26	physical sciences	energy (renewable)	yes
Cape Argus	Wednesday 27 June 2007	23	no	Tavern of the Seas: I was talking about modern clichés recently...	column	journalist	Cape Argus	David Biggs	South Africa (Western Cape)	62	technology	other	yes
Cape Argus	Thursday 28 June 2007	3	no	Eskom fears cuts as demand spikes	article	journalist	Cape Argus	Leita Samsodien (Staff Reporter)	South Africa (general)	52	physical sciences	energy (electricity)	no
Cape Argus	Thursday 28 June 2007	4	no	Richtersveld named World Heritage Site	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Northern Cape)	92	life sciences	environment and pollution	yes
Cape Argus	Thursday 28 June 2007	5	no	Cheap bulbs may not save electricity in the long run	article	journalist	Cape Argus	Staff Reporter	South Africa (general)	57	physical sciences	energy (electricity)	yes
Cape Argus	Thursday 28 June 2007	6	no	Vet slams advice on canned hunting	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Mpumalanga)	79	life sciences	animals (wildlife)	yes
Cape Argus	Thursday 28 June 2007	8	no	Belville residents flee factory chemical leak	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	40	physical sciences	chemistry	no
Cape Argus	Thursday 28 June 2007	9	no	The sun comes out to spoil the snow fun	article	journalist	Cape Argus	Staff Reporter	South Africa (general)	43	earth sciences	meteorology	no
Cape Argus	Thursday 28 June 2007	12	no	Floods hit 800 000 in Pakistan	article	journalist	News agency: Associated Press (AP)	no name	Asia (Middle East and India)	78	earth sciences	meteorology	no

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Cape Argus	Thursday 28 June 2007	Classifieds page 1	no	Cellphones are enhancing African lives	article	journalist	News agency: Reuters	no name	Africa	124	technology	telecommunication	no
Cape Argus	Friday 29 June 2007	1	no	NSRI warns of rough seas	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	25	earth sciences	water	no
Cape Argus	Friday 29 June 2007	4	no	Nurses fired over strike action to be reinstated	article	journalist	News agency: Sapa	no name	South Africa (general)	30	medicine and health	hospital strike	no
Cape Argus	Friday 29 June 2007	9	no	Use your power wisely - Eskom	article	journalist	Cape Argus	Leita Samsodien (Staff Reporter)	South Africa (general)	90	physical sciences	energy (electricity)	no
Cape Argus	Friday 29 June 2007	10	no	Gas suppliers insist they have no stock despite assurances	article	journalist	Cape Argus	Dianne Hawker (Staff Reporter)	South Africa (Western Cape)	127	physical sciences	energy (oil and gas)	no
Cape Argus	Friday 29 June 2007	10	no	Chemical industry strike could halt supply of petrol and diesel	article	journalist	Cape Argus	Staff Reporter	South Africa (general)	44	physical sciences	energy (oil and gas)	no
Cape Argus	Friday 29 June 2007	11	no	Week of icy weather hits poor hardest	article	journalist	News agency: West Cape News	Yugendree Naidoo (Own Correspondent)	South Africa (Western Cape)	74	medicine and health	diseases and treatment	yes
Cape Argus	Friday 29 June 2007	13	no	Power station asbestos threat	article	journalist	Cape Argus	Lindsay Dentlinger (Metro Writer)	South Africa (Western Cape)	98	life sciences	environment and pollution	no
Cape Argus	Friday 29 June 2007	14	no	We are not savages, lion breeders testify	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (North West)	112	life sciences	animals (wildlife)	no
Cape Argus	Friday 29 June 2007	14	no	Cape Nature strikes pioneering deal	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	124	life sciences	environment and pollution	yes
Cape Argus	Friday 29 June 2007	15	no	Bath toy fleet's epic sea journey nears its end	article	journalist	News agency: Ananova.com	no name	Europe (UK and Ireland)	10	earth sciences	water	no
Cape Argus	Friday 29 June 2007	16	no	Class act	photograph	photographer	News agency: Associated Press (AP)	no name	Africa	3	medicine and health	diseases and treatment	no

Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Friday 29 June 2007	17	no	The real survivors after doomsday	article	journalist	Foreign newspaper: Washington Post	Peter Carlson	America (North)	38	life sciences	environment and pollution	yes
Cape Argus	Friday 29 June 2007	17	no	End of the world is just a click away	article	journalist	Foreign newspaper: Daily Mail	Michael Hanlon	Europe (UK and Ireland)	245	technology	computers	no
Cape Argus	Friday 29 June 2007	25	no	A Bit of Skelm: No show	column	journalist	Cape Argus	Skelm	South Africa (Gauteng)	10	physical sciences	energy (electricity)	no
Cape Argus	Monday 2 July 2007	1	no	Say what? A new weight-loss pill	column	journalist	News agency: Ananova.com	Say What?	Europe (other)	17	medicine and health	nutrition	no
Cape Argus	Monday 2 July 2007	1	no	Children's Act makes adults of 18-year-olds	article	journalist	Cape Argus	Henri du Plessis (Staff Reporter)	South Africa (general)	45	medicine and health	Aids	no
Cape Argus	Monday 2 July 2007	4	no	Power supply hangs on Eskom meeting	article	journalist	Cape Argus	Henri du Plessis (Staff Reporter)	South Africa (general)	71	physical sciences	energy (electricity)	no
Cape Argus	Monday 2 July 2007	4	no	SABC pulls plug on in-house production of award-winning programme 50/50	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (general)	108	life sciences	environment and pollution	no
Cape Argus	Monday 2 July 2007	5	no	Odd couple's chicks set to spread their wings	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	108	life sciences	animals (birds)	yes
Cape Argus	Monday 2 July 2007	8	no	Trans fats banned in NY take-aways	article	journalist	News agency: Unnamed	no name	America (North)	14	medicine and health	nutrition	no
Cape Argus	Monday 2 July 2007	11	no	Book review: Genetically Modified Food	article	journalist	Cape Argus	no name	South Africa (general)	7	life sciences	agriculture	no
Cape Argus	Tuesday 3 July 2007	4	no	Eskom gets interdict to stop unions striking	article	journalist	Cape Argus	Staff Reporter	South Africa (general)	62	physical sciences	energy (electricity)	no
Cape Argus	Tuesday 3 July 2007	4	no	Co-star gets neighbours' goat	article	journalist	News agency: West Cape News	Peni Dodo (Own Correspondent)	South Africa (Eastern Cape)	31	life sciences	animals (farm)	no
Cape Argus	Tuesday 3 July 2007	5	no	SA must "lift a million from poverty a year"	article	journalist	Cape Argus	Peter Fabricius (Foreign Editor)	South Africa (general)	108	medicine and health	Aids	no
Cape Argus	Tuesday 3 July 2007	5	no	New mortuary rules block access to organs	article	journalist	Cape Argus	Leila Samsodien (Staff Reporter)	South Africa (Western Cape)	84	medicine and health	other	no

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Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Tuesday 3 July 2007	6	no	New children's law hailed by academics	article	journalist	Cape Argus	Natasha Prince (Staff Reporter)	South Africa (Western Cape)	107	medicine and health	Aids	no
Cape Argus	Tuesday 3 July 2007	8	no	"State of SA environment is worsening"	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (general)	122	life sciences	environment and pollution	no
Cape Argus	Tuesday 3 July 2007	8	no	Langebaan ecosystem under "severe" threat	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	76	life sciences	environment and pollution	yes
Cape Argus	Tuesday 3 July 2007	9	no	Zim animals killed by starving poachers	article	journalist	News agency: Unnamed	no name	Africa	23	life sciences	animals (wildlife)	no
Cape Argus	Tuesday 3 July 2007	11	no	Tavern of the Seas: Life is becoming increasingly complicated	article	journalist	Cape Argus	David Biggs	South Africa (Western Cape)	69	medicine and health	nutrition	no
Cape Argus	Tuesday 3 July 2007	11	no	Tavern of the Seas: Monkey matters	article	journalist	Cape Argus	David Biggs	South Africa (Eastern Cape)	26	life sciences	animals (wildlife)	yes
Cape Argus	Wednesday 4 July 2007	1	no	Say what? A regular glass of wine	column	journalist	News agency: Unnamed	Say What?	Europe (other)	18	medicine and health	nutrition	no
Cape Argus	Wednesday 4 July 2007	3	no	Aids sees plunge in growth rate of SA's population	article	journalist	Cape Argus	Leila Samsodien (Staff Reporter)	South Africa (general)	104	medicine and health	Aids	yes
Cape Argus	Wednesday 4 July 2007	3	no	Expert queries Najwa's illness	article	journalist	Cape Argus	Norman Joseph and Fouzia van der Fort (Staff Reporters)	South Africa (Western Cape)	127	medicine and health	mental health	yes
Cape Argus	Wednesday 4 July 2007	4	no	Sparks fly in union's stand-off with Eskom	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (general)	82	physical sciences	energy (electricity)	no
Cape Argus	Wednesday 4 July 2007	4	no	Power cuts planned for parts of city	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	14	physical sciences	energy (electricity)	no
Cape Argus	Wednesday 4 July 2007	4	no	Double blow as shortage of milk drives up prices	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (general)	55	life sciences	agriculture	no
Cape Argus	Wednesday 4 July 2007	4	no	Infamous elephant torturer dies in crash	article	journalist	Cape Argus	Sheena Adams	South Africa (Gauteng)	26	life sciences	animals (wildlife)	no

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Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Wednesday 4 July 2007	5	no	Beloved "soup lady" dies from inhaling gas	article	journalist	Cape Argus	Henri du Plessis (Staff Reporter)	South Africa (Western Cape)	44	physical sciences	energy (oil and gas)	no
Cape Argus	Wednesday 4 July 2007	6	no	Survivor of gang violence must be the luckiest dog alive	article	journalist	Cape Argus	Jade Witten (Staff Reporter)	South Africa (Western Cape)	70	life sciences	animals (pets)	no
Cape Argus	Wednesday 4 July 2007	6	no	Dam completion to put pressure on water supply	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (Western Cape)	59	earth sciences	water	yes
Cape Argus	Wednesday 4 July 2007	7	no	Illegal power connections are deadly - city	article	journalist	Cape Argus	Mzoli Witbooi (Staff Reporter)	South Africa (Western Cape)	95	physical sciences	energy (electricity)	yes
Cape Argus	Wednesday 4 July 2007	8	no	Bid to simplify law encounters snag	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	89	life sciences	environment and pollution	no
Cape Argus	Wednesday 4 July 2007	8	no	Rare Peninsula leucadendron rises again from the ashes	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	74	life sciences	plants	yes
Cape Argus	Wednesday 4 July 2007	10	no	Kansas spill covers Oklahoma with slimy goo	article	journalist	News agency: Associated Press (AP)	no name	America (North)	52	earth sciences	meteorology	no
Cape Argus	Wednesday 4 July 2007	10	no	Rocky road awaits Iraq's landmark draft oil law	article	journalist	News agency: Reuters	no name	Asia (Middle East and India)	40	physical sciences	energy (oil and gas)	no
Cape Argus	Wednesday 4 July 2007	10	no	Mother-daughter egg donation a first	article	journalist	News agency: Unnamed	no name	America (North)	17	medicine and health	other	no
Cape Argus	Wednesday 4 July 2007	12	no	Public sector fight is our fight for better service	letter	public	n/a	Tembinkosi Gondela, Cape Town	South Africa (Western Cape)	68	medicine and health	hospital strike	no
Cape Argus	Wednesday 4 July 2007	12	no	Children's Act ludicrous	letter	public	n/a	J Maxwell, Rosebank	South Africa (general)	16	medicine and health	Aids	no
Cape Argus	Wednesday 4 July 2007	13	no	Open Mike: It's time to make a molehill out of the Mountain	column	journalist	Cape Argus	Mike Wills	South Africa (Western Cape)	142	life sciences	environment and pollution	no
Cape Argus	Thursday 5 July 2007	1	no	Say what? Ebony and Ivory twins turn one	column	journalist	News agency: Sapa	Say What?	Europe (UK and Ireland)	18	life sciences	genetics	no

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Cape Argus	Thursday 5 July 2007	3	no	"Hacker" scare hits eNatis website	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (general)	69	technology	computers	no
Cape Argus	Thursday 5 July 2007	5	no	Park workers want union recognised	article	journalist	Cape Argus	Niemah Davids (Staff Reporter)	South Africa (Western Cape)	72	life sciences	environment and pollution	no
Cape Argus	Thursday 5 July 2007	5	no	Leave whales to us - rescue group	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	48	life sciences	animals (marine)	yes
Cape Argus	Thursday 5 July 2007	6	no	Nuclear waste site safe, says official	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	108	physical sciences	energy (nuclear)	yes
Cape Argus	Thursday 5 July 2007	6	no	Government sets up drive to lure nurses back to SA	article	journalist	Cape Argus	Sibusiso Ngilwa (Political Bureau)	South Africa (general)	84	medicine and health	healthcare administration (other)	no
Cape Argus	Thursday 5 July 2007	9	no	60 feared dead after mudslide traps bus	article	journalist	News agency: Unnamed	no name	America (Central and South)	11	earth sciences	geology	no
Cape Argus	Thursday 5 July 2007	Classifieds page 1	no	Investors put money on space	article	journalist	News agency: Sapa	Alicia Chang	America (North)	112	physical sciences	astronomy	no
Cape Argus	Thursday 5 July 2007	Classifieds page 1	no	Science back-up helped Swiss yacht's victory	article	journalist	News agency: Agence France-Presse (AFP)	no name	Europe (other)	84	technology	other	yes
Cape Argus	Thursday 5 July 2007	Classifieds page 1	no	Death camp preservation finds hi-tech solution	article	journalist	News agency: Sapa	no name	Europe (other)	71	earth sciences	palaeontology and archaeology	no
Cape Argus	Friday 6 July 2007	3	no	Dispute over environmental TV show heads for CCMA	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (general)	76	life sciences	environment and pollution	no
Cape Argus	Friday 6 July 2007	3	no	Nose it all	photograph	photographer	Cape Argus	Henk Kruger	South Africa (Western Cape)	1	life sciences	animals (farm)	no

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Cape Argus	Friday 6 July 2007	3	no	Study shows men as chatty as women	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	America (North)	52	medicine and health	mental health	yes
Cape Argus	Friday 6 July 2007	4	no	Health ministry counts cost of the strike	article	journalist	Cape Argus	Wendy Jasson da Costa (Political Bureau)	South Africa (general)	56	medicine and health	hospital strike	no
Cape Argus	Friday 6 July 2007	4	no	Wage talks in deadlock as Eskom revises offer	article	journalist	Cape Argus	Andiswa Makinana (Staff Reporter)	South Africa (general)	45	physical sciences	energy (electricity)	no
Cape Argus	Friday 6 July 2007	5	no	SPCA wins protection for elephants	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	25	life sciences	animals (wildlife)	no
Cape Argus	Friday 6 July 2007	6	no	Battle for clean healthy SA "lost"	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (general)	88	life sciences	environment and pollution	no
Cape Argus	Friday 6 July 2007	8	no	Calling all citizen scientists - the second bird atlas project has taken wing	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	94	life sciences	animals (birds)	yes
Cape Argus	Friday 6 July 2007	11	no	Baby born with 4 legs	article	journalist	News agency: Sapa	no name	South Africa (Limpopo)	18	medicine and health	diseases and treatment	no
Cape Argus	Friday 6 July 2007	11	no	Two dead after circumcision	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	17	medicine and health	healthcare administration (malpractice)	no
Cape Argus	Friday 6 July 2007	14	no	Extending range of baboon knowledge	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	176	life sciences	animals (wildlife)	yes
Cape Argus	Friday 6 July 2007	16	no	Tone down city lights	letter	public	n/a	Mark Brajman, Sea Point	South Africa (Western Cape)	6	physical sciences	energy (electricity)	no
Cape Argus	Monday 9 July 2007	1	no	Say what? Scientists are playing romantic songs	column	journalist	News agency: Unnamed	Say What?	Europe (other)	18	life sciences	animals (marine)	no
Cape Argus	Monday 9 July 2007	3	no	SA seafood lovers hooked on fishy SMS	article	journalist	News agency: Sapa	no name	South Africa (general)	33	life sciences	animals (marine)	yes
Cape Argus	Monday 9 July 2007	4	no	Shock resignation hits CapeNature	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	154	life sciences	environment and pollution	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Monday 9 July 2007	5	no	Row over poisonous chemicals in pineapples	article	journalist	Cape Argus	Own Correspondent	South Africa (Eastern Cape)	62	life sciences	agriculture	yes
Cape Argus	Monday 9 July 2007	5	no	Whiz kids to figure it out with world's best	article	journalist	Cape Argus	Leila Samsodien (Staff Reporter)	South Africa (Western Cape)	69	physical sciences	mathematics	no
Cape Argus	Monday 9 July 2007	6	no	Four arrested as joint team swoops on perlemoen poachers in Hout Bay	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	50	life sciences	animals (marine)	no
Cape Argus	Monday 9 July 2007	7	no	Namibia seal hunt under way	article	journalist	News agency: Sapa	no name	Africa	105	life sciences	animals (marine)	yes
Cape Argus	Monday 9 July 2007	9	no	Book review: The Archimedes Codex	article	journalist	Cape Argus	no name	South Africa (general)	11	physical sciences	mathematics	no
Cape Argus	Tuesday 10 July 2007	7	no	Down the drain	photograph	photographer	Cape Argus	Brenton Geach	South Africa (Western Cape)	2	life sciences	environment and pollution	no
Cape Argus	Tuesday 10 July 2007	7	no	8 boys rescued from initiation school	article	journalist	Cape Argus	Staff Reporter	South Africa (Gauteng)	46	medicine and health	healthcare administration (malpractice)	no
Cape Argus	Tuesday 10 July 2007	8	no	A pain in the butt	photograph	photographer	Reuters	no name	America (North)	2	life sciences	animals (farm)	no
Cape Argus	Tuesday 10 July 2007	8	no	Canadian military to control oil-rich waters	article	journalist	News agency: Associated Press (AP)	no name	America (North)	30	physical sciences	energy (oil and gas)	no
Cape Argus	Tuesday 10 July 2007	8	no	China executes ex-drug chief amid health scandals	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	40	medicine and health	food and product safety	no
Cape Argus	Tuesday 10 July 2007	8	no	Satellite spies work at nuclear site	article	journalist	News agency: Unnamed	no name	Asia (Middle East and India)	18	physical sciences	energy (nuclear)	no
Cape Argus	Tuesday 10 July 2007	9	no	Climate change crusader lays his five inconvenient truths on the line	article	journalist	Cape Argus	Jeanne Viall (Feature Writer)	South Africa (general)	138	earth sciences	climate change	no
Cape Argus	Tuesday 10 July 2007	10	no	Conserving conservation	editorial comment	journalist	Cape Argus	Chris Whitfield (Cape Argus Editor)	South Africa (Western Cape)	39	life sciences	environment and pollution	no

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Cape Argus	Wednesday 11 July 2007	1	no	Blast at substation triggers power surges	article	journalist	Cape Argus	Niemah Davids (Staff Reporter)	South Africa (Western Cape)	43	physical sciences	energy (electricity)	no
Cape Argus	Wednesday 11 July 2007	5	no	Aids set to take 338 000 lives in a single year	article	journalist	Cape Argus	Leila Samsodien (Staff Reporter)	South Africa (general)	94	medicine and health	Aids	no
Cape Argus	Wednesday 11 July 2007	5	no	Farmer shoots leopard dead in conservation area	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Eastern Cape)	96	life sciences	animals (wildlife)	no
Cape Argus	Wednesday 11 July 2007	6	no	Court orders park strikers not to intimidate visitors	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (general)	94	life sciences	environment and pollution	no
Cape Argus	Wednesday 11 July 2007	7	no	Motorists stalled as eNatis stutters	article	journalist	Cape Argus	Asa Sokopo (Staff Reporter)	South Africa (Western Cape)	58	technology	computers	no
Cape Argus	Wednesday 11 July 2007	8	no	"Their blood watered the tree of freedom"	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Eastern Cape)	113	life sciences	environment and pollution	no
Cape Argus	Wednesday 11 July 2007	10	no	UK offers reward for info on genital mutilation	article	journalist	News agency: Agence France-Presse (AFP)	no name	Europe (UK and Ireland)	17	medicine and health	healthcare administration (malpractice)	no
Cape Argus	Wednesday 11 July 2007	12	no	Chip: I wonder...	cartoon	cartoonist	Cape Argus	Chip	South Africa (general)	none	earth sciences	climate change	no
Cape Argus	Wednesday 11 July 2007	12	no	SA must invest now in nuclear power skills base	letter	public	n/a	R Mike Longden-Thurgood, Minerton	South Africa (general)	76	physical sciences	energy (nuclear)	no
Cape Argus	Wednesday 11 July 2007	13	no	Urban density is good for the planet - if it is properly planned	article	journalist	Cape Argus	no name	South Africa (general)	119	life sciences	environment and pollution	yes
Cape Argus	Wednesday 11 July 2007	13	no	Tavern of the Seas: Rhyme Time	column	journalist	Cape Argus	David Biggs	South Africa (general)	30	physical sciences	mathematics	yes
Cape Argus	Wednesday 11 July 2007	Tonight page 3	no	TV Shows: Big Cat Diary	article	journalist	Cape Argus	no name	Africa	36	life sciences	animals (wildlife)	no
Cape Argus	Wednesday 11 July 2007	Jobshop page 1	no	Mapping Cape Town in 3-D	article	journalist	Cape Argus	Jade Witten (Staff Reporter)	South Africa (Western Cape)	100	technology	telecommunication	no

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Cape Argus	Wednesday 11 July 2007	Jobshop page 20	no	With a bit of exercise your brain could serve you well into old age	article	journalist	Foreign newspaper: Los Angeles Times	no name	America (North)	128	medicine and health	mental health	yes
Cape Argus	Thursday 12 July 2007	1	no	Dating game for lovebirds	article	journalist	News agency: Ananova.com	no name	Europe (other)	26	life sciences	animals (birds)	yes
Cape Argus	Thursday 12 July 2007	4	no	Storms set to ease off today	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (Western Cape)	61	earth sciences	meteorology	yes
Cape Argus	Thursday 12 July 2007	13	no	Mammoth find may aid climate change studies	article	journalist	News agency: Associated Press (AP)	no name	Asia (Far East and Russia)	27	earth sciences	palaeontology and archaeology	yes
Cape Argus	Thursday 12 July 2007	13	no	Lesotho in crisis as 400 000 face starvation	article	journalist	News agency: Reuters	no name	Africa	25	earth sciences	meteorology	no
Cape Argus	Thursday 12 July 2007	14	no	We need sex education on HIV, not condoms for kids	letter	public	n/a	Max Greenstein, Sea Point	South Africa (general)	39	medicine and health	Aids	no
Cape Argus	Thursday 12 July 2007	14	no	Consumers could milk it	letter	public	n/a	G Holliday, Green Point	South Africa (Western Cape)	12	life sciences	agriculture	no
Cape Argus	Thursday 12 July 2007	15	no	Vital natural resources under threat	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (general)	340	life sciences	environment and pollution	yes
Cape Argus	Thursday 12 July 2007	Classifieds page 1	no	Extrasolar world with water found	article	journalist	News agency: Sapa	no name	Europe (UK and Ireland)	95	physical sciences	astronomy	yes
Cape Argus	Thursday 12 July 2007	Classifieds page 7	no	On the Trail: Take a (long) walk on the wide side	column	scientist or specialist	Cape Argus	Peter Slingsby (The Mapmaker)	South Africa (Eastern Cape)	148	life sciences	environment and pollution	no
Cape Argus	Friday 13 July 2007	1	no	Say what? Mobiles spark memory glitch	column	journalist	News agency: Unnamed	Say What?	South Africa (general)	18	technology	telecommunication	no
Cape Argus	Friday 13 July 2007	4	no	CapeNature to have new chairman by next week	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	71	life sciences	environment and pollution	no

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Cape Argus	Friday 13 July 2007	4	no	Dam work interrupts water flow	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (Western Cape)	42	earth sciences	water	no
Cape Argus	Friday 13 July 2007	5	no	DA submits complaint after Riah opens office	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (Western Cape)	89	medicine and health	Aids	no
Cape Argus	Friday 13 July 2007	5	no	Coal mines face wage dispute	article	journalist	News agency: Sapa	no name	South Africa (general)	38	earth sciences	geology	no
Cape Argus	Friday 13 July 2007	5	no	Metal workers forge "unprecedented deal"	article	journalist	Cape Argus	Natasha Prince (Staff Reporter)	South Africa (general)	72	earth sciences	geology	no
Cape Argus	Friday 13 July 2007	5	no	Eskom pay offer is peanuts, says union	article	journalist	News agency: Sapa	no name	South Africa (general)	54	physical sciences	energy (electricity)	no
Cape Argus	Friday 13 July 2007	6	no	Decision to put down baby whale "was the best response"	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	66	life sciences	animals (marine)	yes
Cape Argus	Friday 13 July 2007	6	no	"Newborns die in E Cape hospital due to negligence" SA bans poultry and bird imports from Germany after outbreak of bird flu	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	79	medicine and health	healthcare administration (Frere Hospital)	yes
Cape Argus	Friday 13 July 2007	8	no	Pfizer "had Nigerian consent for drug trial"	article	journalist	Cape Argus	Deon de Lange (Political Bureau)	Europe (other)	59	life sciences	agriculture	yes
Cape Argus	Friday 13 July 2007	13	no	Aid on the way as UN nuke inspectors head for North Korea	article	journalist	News agency: Associated Press (AP)	no name	Asia (Far East and Russia)	40	physical sciences	diseases and treatment	yes
Cape Argus	Friday 13 July 2007	13	no	Worries as China's glaciers shrink 20%	article	journalist	News agency: Unnamed	no name	Asia (Far East and Russia)	13	earth sciences	climate change	yes
Cape Argus	Friday 13 July 2007	13	no	Sarkozy's wife visits death row medics	article	journalist	News agency: Unnamed	no name	Africa	12	medicine and health	Aids	no
Cape Argus	Friday 13 July 2007	14	no	We can't be called civilised while dogs are still abused	letter	public	n/a	Toni Brockhoven, Milnerton	South Africa (Western Cape)	41	life sciences	animals (pets)	no
Cape Argus	Friday 13 July 2007	14	no	Staff add to eNatis woes	letter	public	n/a	R van Rooyen, Pinelands	South Africa (Western Cape)	21	technology	computers	no

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Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Monday 16 July 2007	1 and 3	no	Zim pets to be put down as owners flee	article	journalist	Cape Argus	Thabo Mabaso (Staff Writer)	Africa	105	life sciences	animals (pets)	no
Cape Argus	Monday 16 July 2007	1	no	Say what? "007" squirrels held in Iran	column	journalist	News agency: Ananova.com	Say What?	Asia (Middle East and India)	22	life sciences	animals (wildlife)	no
Cape Argus	Monday 16 July 2007	3	no	Environmentalists slam development proposal for Glencairn "nature area"	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	152	life sciences	environment and pollution	yes
Cape Argus	Monday 16 July 2007	6	no	Pugh takes a dip at N Pole	article	journalist	Foreign newspaper: Daily Mail	no name	Polar Regions	70	earth sciences	climate change	yes
Cape Argus	Monday 16 July 2007	7	no	Boom busts mental illness	article	journalist	Cape Argus	Maureen Marud (Consumer Editor)	South Africa (general)	105	medicine and health	mental health	no
Cape Argus	Monday 16 July 2007	9	no	The winds of climate change are blowing for Tasneem Essop	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	Asia (Far East and Russia)	167	earth sciences	climate change	no
Cape Argus	Monday 16 July 2007	10	no	Researchers tag city slicker haddas	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	81	life sciences	animals (pets)	yes
Cape Argus	Monday 16 July 2007	11	no	3 killed, 400 injured in Japanese earthquake	article	journalist	News agency: Associated Press (AP)	no name	Asia (Far East and Russia)	99	earth sciences	geology	no
Cape Argus	Monday 16 July 2007	11	no	Ming porcelain retrieved from ancient shipwreck	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	23	earth sciences	palaeontology and archaeology	no
Cape Argus	Monday 16 July 2007	11	no	North Korea shuts down nuclear reactor	article	journalist	News agency: Associated Press (AP)	no name	Asia (Far East and Russia)	23	physical sciences	energy (nuclear)	no
Cape Argus	Monday 16 July 2007	14	no	We can't smack kids - but 12-year-olds get condoms	letter	public	n/a	M Riordan-Bull, Kleinmond	South Africa (general)	101	medicine and health	Aids	no
Cape Argus	Monday 16 July 2007	Classified page 1	no	Argus Action: Bank your waste glass, and save	column	journalist	Cape Argus	Maureen Marud (Consumer Editor)	South Africa (Western Cape)	104	life sciences	environment and pollution	no
Cape Argus	Tuesday 17 July 2007	4	no	Talks aimed at averting strike at refineries	article	journalist	News agency: Sapa	no name	South Africa (general)	34	physical sciences	energy (oil and gas)	no

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Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Tuesday 17 July 2007	6	no	Claimants handed farm equipment	article	journalist	News agency: Sapa	no name	South Africa (North West)	24	life sciences	agriculture	no
Cape Argus	Tuesday 17 July 2007	7	no	Nightmare begins again as cash raised to get city mom dialysis runs out	article	journalist	Cape Argus	Candice Bailey (Staff Reporter)	South Africa (Western Cape)	98	medicine and health	diseases and treatment	no
Cape Argus	Tuesday 17 July 2007	8	no	Tasneem Essop names new CapeNature chief	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	36	life sciences	environment and pollution	no
Cape Argus	Tuesday 17 July 2007	12	no	Japan probes new nuke leak after quake	article	journalist	News agency: Associated Press (AP)	no name	Asia (Far East and Russia)	44	physical sciences	energy (nuclear)	no
Cape Argus	Tuesday 17 July 2007	12	no	Tooth a headache for rugby player	article	journalist	News agency: Unnamed	no name	Australasia	16	medicine and health	diseases and treatment	no
Cape Argus	Tuesday 17 July 2007	13	no	Pop fans dived in for undersea broadcast	article	journalist	News agency: Sapa	no name	America (North)	41	earth sciences	water	no
Cape Argus	Tuesday 17 July 2007	15	no	Tavern of the Seas: Powered down	column	journalist	Cape Argus	David Biggs	South Africa (Western Cape)	41	physical sciences	energy (electricity)	yes
Cape Argus	Wednesday 18 July 2007	3	no	It's horrible, says Zimbabwean, as country hit by four days of blackouts	article	journalist	Cape Argus	Thabo Mabaso (Staff Writer)	Africa	109	physical sciences	energy (electricity)	yes
Cape Argus	Wednesday 18 July 2007	4	no	Family outraged as hospital takes body back on eve of funeral	article	journalist	Cape Argus	Natasha Prince (Staff Reporter)	South Africa (Western Cape)	52	medicine and health	healthcare administration (malpractice)	no
Cape Argus	Wednesday 18 July 2007	8	no	Aids blamed for 47% of SA deaths in a year	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (general)	97	medicine and health	Aids	no
Cape Argus	Wednesday 18 July 2007	10	no	Rare fynbos makes a comeback after Tokai gines are felled	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	138	life sciences	plants	yes
Cape Argus	Wednesday 18 July 2007	11	no	From the deep (coelacanth)	photograph	photographer	News agency: Reuters	no name	Africa	5	life sciences	animals (marine)	yes
Cape Argus	Wednesday 18 July 2007	12	no	US urges Libya to send home foreign medics	article	journalist	News agency: Sapa	no name	Africa	135	medicine and health	Aids	no
Cape Argus	Wednesday 18 July 2007	12	no	Toxic calamity as Ukraine train derailed	article	journalist	News agency: Sapa	no name	Europe (other)	72	life sciences	environment and pollution	yes

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Cape Argus	Wednesday 18 July 2007	12	no	Soldier faces HIV assault charge	article	journalist	News agency: Sapa	no name	America (North)	44	medicine and health	Aids	no
Cape Argus	Wednesday 18 July 2007	12	no	Nuke plant shut after Japan quake	article	journalist	News agency: Unnamed	no name	Asia (Far East and Russia)	16	physical sciences	energy (nuclear)	yes
Cape Argus	Wednesday 18 July 2007	13	no	Counting words doesn't tell you who's doing the talking	article	journalist	Foreign newspaper: Washington Post	Deborah Tannen (scientist)	America (North)	137	medicine and health	mental health	yes
Cape Argus	Wednesday 18 July 2007	14	no	Harry Potter and the noggins of pain	article	journalist	Foreign newspaper: Washington Post	William Weir	America (North)	92	medicine and health	diseases and treatment	yes
Cape Argus	Wednesday 18 July 2007	14	no	Study finds parts in brain where memories go to die	article	journalist	News agency: Agence France-Presse (AFP)	no name	America (North)	58	medicine and health	mental health	yes
Cape Argus	Wednesday 18 July 2007	14	no	Probe easily detects operations' nuts and bolts	article	journalist	Foreign newspaper: Daily Mail	Pat Hagan	America (North)	25	technology	other	yes
Cape Argus	Wednesday 18 July 2007	14	no	Berries reduce sunburn effects	article	journalist	Foreign newspaper: Daily Mail	no name	America (North)	32	medicine and health	nutrition	yes
Cape Argus	Wednesday 18 July 2007	16	no	Evolution confusion	letter	public	n/a	Amused and concerned, Krnsna	South Africa (Western Cape)	17	life sciences	evolution	no
Cape Argus	Wednesday 18 July 2007	17	no	Tavern of the Seas: Down here in the southern Peninsula	column	journalist	Cape Argus	David Biggs	South Africa (Western Cape)	55	life sciences	animals (marine)	no
Cape Argus	Wednesday 18 July 2007	17	no	Tavern of the Seas: Close encounter	column	journalist	Cape Argus	David Biggs	South Africa (Western Cape)	27	physical sciences	astronomy	yes
Cape Argus	Thursday 19 July 2007	1	no	Pet owner gets attached to dog	article	journalist	News agency: Unnamed	no name	Europe (UK and Ireland)	15	life sciences	animals (pets)	no
Cape Argus	Thursday 19 July 2007	4	no	Zim turmoil takes its toll on wildlife	article	journalist	Cape Argus	Thabo Mabaso and Henri du Plessis (Staff Writers)	Africa	113	life sciences	animals (wildlife)	yes

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Cape Argus	Thursday 19 July 2007	7	no	Now US is warned on biofuels from maize	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	America (North)	81	physical sciences	energy (renewable)	yes
Cape Argus	Thursday 19 July 2007	7	no	Manto doc denies Frere hospital crisis	article	journalist	Cape Argus	Wendy Jasson da Costa (Political Bureau)	South Africa (Eastern Cape)	33	medicine and health	healthcare administration (Frere Hospital)	yes
Cape Argus	Thursday 19 July 2007	13	no	Car makers halt production in Japan	article	journalist	News agency: Unnamed	no name	Asia (Far East and Russia)	13	earth sciences	geology	no
Cape Argus	Thursday 19 July 2007	14	no	Tablet find backs Bible history as fact	article	journalist	Foreign newspaper: Daily Telegraph	Nigel Reynolds	Europe (UK and Ireland)	78	earth sciences	palaeontology and archaeology	yes
Cape Argus	Thursday 19 July 2007	18	no	Healthy choices	editorial comment	journalist	Cape Argus	Chris Whitfield (Cape Argus Editor)	South Africa (Eastern Cape)	39	medicine and health	healthcare administration (Frere Hospital)	no
Cape Argus	Thursday 19 July 2007	Classified page 1	no	iPod gadget makes a splash	article	journalist	Foreign newspaper: Washington Post	Mike Musgrove	America (North)	110	technology	telecommunication	no
Cape Argus	Thursday 19 July 2007	Classified page 1	no	Korean boffins set to make dogs to order	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	56	life sciences	genetics	yes
Cape Argus	Thursday 19 July 2007	Classified page 1	no	Increase in electric gadgets at home fuels power bill rise	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	50	physical sciences	energy (electricity)	yes
Cape Argus	Thursday 19 July 2007	Classified page 1	no	Astronomers see light from 13 billion years ago	article	journalist	News agency: Sapa	no name	America (North)	44	physical sciences	astronomy	yes
Cape Argus	Thursday 19 July 2007	Classified page 7	no	On the Trail: Trundling in the Overberg...	column	scientist or specialist	Cape Argus	Peter Slingsby (The Mapmaker)	South Africa (Western Cape)	123	life sciences	environment and pollution	no

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Cape Argus	Friday 20 July 2007	1	no	R500m may be cut from city hospital budgets	article	journalist	Cape Argus	Leila Samsodien (Staff Reporter)	South Africa (Western Cape)	80	medicine and health	healthcare administration (other)	no
Cape Argus	Friday 20 July 2007	4	no	21 abalone accused set for High Court	article	journalist	Cape Argus	Fouzia van der Fort (Staff Reporter)	South Africa (Western Cape)	46	life sciences	animals (marine)	no
Cape Argus	Friday 20 July 2007	4	no	Plea for help for Zimbabwe pets	article	journalist	Cape Argus	Thabo Mabaso (Staff Writer)	Africa	96	life sciences	animals (pets)	no
Cape Argus	Friday 20 July 2007	5	no	Leopards follow scent - of Chanel	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	117	life sciences	animals (wildlife)	yes
Cape Argus	Friday 20 July 2007	5	no	Prevalence of HIV infection in pregnant women dips	article	journalist	News agency: Sapa	no name	South Africa (general)	65	medicine and health	Aids	no
Cape Argus	Friday 20 July 2007	5	no	"SA consumer in no danger from Chinese foods"	article	journalist	Cape Argus	Murray Williams (Staff Writer)	South Africa (general)	143	medicine and health	food and product safety	yes
Cape Argus	Friday 20 July 2007	10	no	Chaskalson and Maathai win Madiba honour	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	149	medicine and health	Aids	no
Cape Argus	Friday 20 July 2007	13	no	Nigeria to refile Pfizer lawsuit	article	journalist	News agency: Unnamed	no name	Africa	17	medicine and health	diseases and treatment	no
Cape Argus	Friday 20 July 2007	13	no	Greenies take wind out of SUVs' sails	article	journalist	News agency: Unnamed	no name	Europe (other)	15	life sciences	environment and pollution	no
Cape Argus	Friday 20 July 2007	16	no	Swiss omit old wonders	letter	public	n/a	Rhameses Taharqa Antara, Algoa Park	Europe (other)	25	earth sciences	palaeontology and archaeology	no
Cape Argus	Friday 20 July 2007	17	no	Time to get tough on business in SA	article	scientist or specialist	Cape Argus	UJ Tabane, chairman of the Indalo Yethu Environmental Campaign	South Africa (general)	143	life sciences	environment and pollution	no
Cape Argus	Monday 23 July 2007	1	no	Four big storms on way to batter city	article	journalist	Cape Argus	Henri du Plessis (Staff Reporter)	South Africa (Western Cape)	52	earth sciences	meteorology	yes
Cape Argus	Monday 23 July 2007	3	no	Hay presents a burning issue	article	journalist	News agency: Associated Press (AP)	no name	America (North)	17	life sciences	environment and pollution	no

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Cape Argus	Monday 23 July 2007	4	no	Oil spill in Saldanha Bay poses threat to wildlife	article	journalist	Cape Argus	Mzoli Witbooi (Staff Reporter)	South Africa (Western Cape)	75	life sciences	environment and pollution	yes
Cape Argus	Monday 23 July 2007	4	no	Rubber duck armada nears British coast	article	journalist	News agency: Ananova.com	no name	Europe (UK and Ireland)	46	earth sciences	water	yes
Cape Argus	Monday 23 July 2007	4	no	Strike costs R25m in private care	article	journalist	News agency: Sapa	no name	South Africa (general)	18	medicine and health	hospital strike	no
Cape Argus	Monday 23 July 2007	7	no	Do fish suffer if they're exposed to Uriah Heep?	article	journalist	News agency: Reuters	no name	Europe (other)	16	life sciences	animals (marine)	no
Cape Argus	Monday 23 July 2007	9	no	Britain battles worst floods in 50 years	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	72	earth sciences	meteorology	no
Cape Argus	Monday 23 July 2007	9	no	Bags of aborted babies found	article	journalist	News agency: Associated Press (AP)	no name	Asia (Middle East and India)	43	medicine and health	other	no
Cape Argus	Monday 23 July 2007	9	no	Fisherman nets his friend's skull	article	journalist	News agency: Unnamed	no name	Europe (UK and Ireland)	13	life sciences	animals (marine)	no
Cape Argus	Monday 23 July 2007	12	no	First-hand evidence of where two oceans meet	letter	public	n/a	Alex Papayanni, Meadowridge	South Africa (Western Cape)	80	earth sciences	water	yes
Cape Argus	Monday 23 July 2007	12	no	Protect your kids from polio threat	letter	scientist or specialist	n/a	Cilla Webster (Mrs), Post-Polio Network RSA	South Africa (general)	59	medicine and health	diseases and treatment	yes
Cape Argus	Monday 23 July 2007	13	no	Acid from coal mines pollutes underground water systems	article	journalist	Cape Argus	Leon Marshall	South Africa (Mpumalanga)	135	life sciences	environment and pollution	yes
Cape Argus	Monday 23 July 2007	13	no	Artificial wetlands could aid in cleaning acid water	article	journalist	Cape Argus	Leon Marshall	South Africa (Mpumalanga)	100	life sciences	environment and pollution	yes
Cape Argus	Monday 23 July 2007	Tonite page 2	no	Save the Tigers	article	journalist	Cape Argus	Sally Scott	Asia (Far East and Russia)	46	life sciences	animals (wildlife)	no
Cape Argus	Tuesday 24 July 2007	1	no	City on standby for big storm number two	article	journalist	Cape Argus	Matt Medved (Staff Reporter)	South Africa (Western Cape)	75	earth sciences	meteorology	yes
Cape Argus	Tuesday 24 July 2007	3	no	Doctors warn of downsizing in healthcare	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (Western Cape)	139	medicine and health	healthcare administration (other)	no

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Cape Argus	Tuesday 24 July 2007	4	no	It's official - the mouse was no mole	article	journalist	News agency: Reuters	no name	Europe (other)	36	life sciences	animals (wildlife)	no
Cape Argus	Tuesday 24 July 2007	4	no	Tourists fined for cycling nude in Serbia during a heatwave	article	journalist	News agency: Reuters	no name	Europe (other)	16	earth sciences	meteorology	yes
Cape Argus	Tuesday 24 July 2007	5	no	Mismanagement at CapeNature is squeezing the Cape dry, says DA	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	143	life sciences	environment and pollution	yes
Cape Argus	Tuesday 24 July 2007	5	no	Winter tableau	photograph	photographer	Cape Argus	Henk Kruger	South Africa (Western Cape)	2	life sciences	environment and pollution	no
Cape Argus	Tuesday 24 July 2007	5	no	Sasol pioneers greenhouse gas conversion	article	journalist	News agency: Sapa	no name	South Africa (Free State)	45	earth sciences	climate change	yes
Cape Argus	Tuesday 24 July 2007	8	no	Treatment at birth helps HIV kids survive	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (general)	71	medicine and health	Aids	yes
Cape Argus	Tuesday 24 July 2007	8	no	Botanist rejects nuclear proposal	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Eastern Cape)	89	life sciences	plants	yes
Cape Argus	Tuesday 24 July 2007	12	no	Rain and floods continue to wreak havoc	article	journalist	News agency: Sapa	no name	Europe (UK and Ireland)	117	earth sciences	meteorology	yes
Cape Argus	Tuesday 24 July 2007	12	no	Half of killed whales were pregnant	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	35	life sciences	animals (marine)	yes
Cape Argus	Tuesday 24 July 2007	12	no	Medics to get pardon as they head home	article	journalist	News agency: Associated Press (AP)	no name	Africa	49	medicine and health	Aids	no
Cape Argus	Tuesday 24 July 2007	12	no	Drinking diet drinks does nothing for heart disease risks	article	journalist	News agency: Associated Press (AP)	no name	Asia (Middle East and India)	21	medicine and health	diseases and treatment	yes
Cape Argus	Tuesday 24 July 2007	12	no	Octopus points the way to sunken treasure	article	journalist	News agency: Unnamed	no name	Asia (Far East and Russia)	13	earth sciences	palaeontology and archaeology	no
Cape Argus	Tuesday 24 July 2007	13	no	A personal SPACE to show your FACE	article	journalist	Foreign newspaper: Washington Post	Rob Pegoraro	America (North)	150	technology	internet and email	no

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Cape Argus	Tuesday 24 July 2007	13	no	Politicians step into Google's network	article	journalist	Foreign newspaper: Washington Post	Jose Antonio Vargas	America (North)	102	technology	internet and email	no
Cape Argus	Tuesday 24 July 2007	13	no	Little box keeps track of family	article	journalist	Foreign newspaper: Daily Mail	Polly Dunbar	Europe (UK and Ireland)	56	technology	telecommunication	yes
Cape Argus	Tuesday 24 July 2007	14	no	Organic food on shopping list	article	journalist	Cape Argus	Karen Thorne	South Africa (Western Cape)	312	life sciences	agriculture	yes
Cape Argus	Tuesday 24 July 2007	18	no	Goose chase heroes	letter	public	n/a	Tara Nicolson, Cape Town	South Africa (Western Cape)	23	life sciences	animals (birds)	no
Cape Argus	Tuesday 24 July 2007	19	no	What hospital funds shift really means	article	scientist or specialist	Cape Argus	Mark Sonderup and Lydia Cairncross (Groote Schuur doctors)	South Africa (Western Cape)	227	medicine and health	healthcare administration (other)	no
Cape Argus	Wednesday 25 July 2007	1 and 8	yes	There's worse to come	article	journalist	Cape Argus	Andisiwe Makinana, Matt Medved, Murray Williams and Henri du Plessis	South Africa (Western Cape)	172	earth sciences	meteorology	yes
Cape Argus	Wednesday 25 July 2007	1	no	Electrocution kills top horse after cable theft	article	journalist	Cape Argus	Henri du Plessis (Staff Reporter)	South Africa (Western Cape)	78	life sciences	animals (farm)	no
Cape Argus	Wednesday 25 July 2007	4	no	Aids orphans crisis: City plans 3-step strategy	article	journalist	Cape Argus	Ella Smook	South Africa (Western Cape)	110	medicine and health	Aids	no
Cape Argus	Wednesday 25 July 2007	4	no	Post-traumatic stress levels as high as war children's	article	journalist	News agency: West Cape News	Yugendree Naidoo (Own Correspondent)	South Africa (Western Cape)	101	medicine and health	mental health	yes
Cape Argus	Wednesday 25 July 2007	5	no	Endangered toads tune up for love ritual's dice with death	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	108	life sciences	animals (wildlife)	yes
Cape Argus	Wednesday 25 July 2007	6	no	New ARVs will cost 500% more - docs	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (general)	132	medicine and health	Aids	yes

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Cape Argus	Wednesday 25 July 2007	6	no	Strike averted as Eskom gives 8% rise	article	journalist	News agency: Reuters	no name	South Africa (general)	21	physical sciences	energy (electricity)	no
Cape Argus	Wednesday 25 July 2007	8	no	Miserable winter for city's squatter sites	article	journalist	Cape Argus	Andisiwe Makinana (Staff Reporter)	South Africa (Western Cape)	82	earth sciences	meteorology	no
Cape Argus	Wednesday 25 July 2007	8	no	Winter rains start filling new Berg River Dam	article	journalist	Cape Argus	Murray Williams (Staff Writer)	South Africa (Western Cape)	94	earth sciences	water	yes
Cape Argus	Wednesday 25 July 2007	8	no	Think it's been cold this week? How about minus 89.2	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	Polar Regions	75	earth sciences	meteorology	yes
Cape Argus	Wednesday 25 July 2007	9	no	"Department has no sympathy for fishers"	article	journalist	Cape Argus	Zara Nicholson (Staff Reporter)	South Africa (Western Cape)	97	life sciences	animals (marine)	no
Cape Argus	Wednesday 25 July 2007	10	no	Man who cut off pup's head sentenced	article	journalist	News agency: Sapa	no name	South Africa (Mpumalanga)	33	life sciences	animals (pets)	no
Cape Argus	Wednesday 25 July 2007	12	no	Facebook in court over "stolen" ideas	article	journalist	News agency: Unnamed	no name	America (North)	17	technology	internet and email	no
Cape Argus	Wednesday 25 July 2007	12	no	Food emergency looms for SA's neighbours	article	journalist	News agency: Reuters	no name	Africa	58	earth sciences	meteorology	no
Cape Argus	Wednesday 25 July 2007	12	no	Freed medic may sue Libya	article	journalist	News agency: Sapa	no name	Africa	178	medicine and health	Aids	no
Cape Argus	Wednesday 25 July 2007	13	no	Infuse your pot with fresh herbs	article	journalist	Foreign newspaper: The Mail on Sunday	Charlie Dimmock	Europe (UK and Ireland)	171	life sciences	plants	yes
Cape Argus	Wednesday 25 July 2007	13	no	Garden Patch: Heed the call of neglected chores and eradicate grubs	column	scientist or specialist	Cape Argus	Hilary Mauve	South Africa (general)	89	life sciences	plants	yes
Cape Argus	Wednesday 25 July 2007	15	no	Amputees get a new lease on limb control	article	journalist	Foreign newspaper: Daily Telegraph	no name	Europe (UK and Ireland)	106	medicine and health	diseases and treatment	yes
Cape Argus	Wednesday 25 July 2007	15	no	Robotic arm helps life-saving heart ops	article	journalist	Foreign newspaper: Daily Telegraph	Rebecca Smith	Europe (UK and Ireland)	80	medicine and health	diseases and treatment	yes
Cape Argus	Wednesday 25 July 2007	16	no	Chip: Climate change	cartoon	cartoonist	Cape Argus	Chip	South Africa (Western Cape)	none	earth sciences	climate change	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Wednesday 25 July 2007	16	no	Eskom incompetence	letter	public	n/a	Peter Anderson, Claremont	South Africa (Western Cape)	25	physical sciences	energy (electricity)	no
Cape Argus	Thursday 26 July 2007	1	no	Say what? Cat "consultant" sniffs out death	column	journalist	News agency: Unnamed	Say What?	America (North)	22	life sciences	animals (pets)	no
Cape Argus	Thursday 26 July 2007	3	no	SPCA raids house for fighting dogs	article	journalist	Cape Argus	Henri du Plessis (Staff Reporter)	South Africa (Western Cape)	71	life sciences	animals (pets)	no
Cape Argus	Thursday 26 July 2007	4	no	City wary of Eskom's 2010 assurances	article	journalist	Cape Argus	Lindsay Dentlinger (Metro Writer)	South Africa (Western Cape)	136	physical sciences	energy (electricity)	yes
Cape Argus	Thursday 26 July 2007	5	no	Blood flows from Salt River mortuary	article	journalist	Cape Argus	Matt Medved (Staff Reporter)	South Africa (Western Cape)	77	medicine and health	healthcare administration (malpractice)	no
Cape Argus	Thursday 26 July 2007	6	no	Hospital groups deny scam	article	journalist	News agency: Sapa	no name	South Africa (general)	104	medicine and health	healthcare administration (malpractice)	no
Cape Argus	Thursday 26 July 2007	7	no	Doggone it, they've stolen my identity	article	journalist	News agency: Ananova.com	no name	Europe (UK and Ireland)	53	life sciences	animals (pets)	no
Cape Argus	Thursday 26 July 2007	8	no	Campaign for law to put horse before cart	article	journalist	Cape Argus	Natasha Prince (Staff Reporter)	South Africa (Western Cape)	94	life sciences	animals (farm)	no
Cape Argus	Thursday 26 July 2007	8	no	TAC "keeping close watch on Rath"	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (Western Cape)	95	medicine and health	Aids	no
Cape Argus	Thursday 26 July 2007	9	no	Plan to protect ocean, not just fish species	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	Africa	161	life sciences	animals (marine)	yes
Cape Argus	Thursday 26 July 2007	10	no	DA demands to see full report on baby deaths	article	journalist	Cape Argus	Deon de Lange (Political Bureau)	South Africa (Eastern Cape)	87	medicine and health	healthcare administration (Frere Hospital)	no
Cape Argus	Thursday 26 July 2007	10	no	Blackboards out, touchscreens in	article	journalist	Cape Argus	Candes Keating (Education Reporter)	South Africa (Western Cape)	109	technology	computers	yes

Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Thursday 26 July 2007	11	no	Green groups warn on SA crisis	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (general)	72	life sciences	environment and pollution	yes
Cape Argus	Thursday 26 July 2007	11	no	"Political infighting hits farm industry"	article	journalist	Cape Argus	Lenore Oliver (Political Reporter)	South Africa (Western Cape)	35	life sciences	agriculture	no
Cape Argus	Thursday 26 July 2007	12	no	Divers in lobster feeding frenzy	article	journalist	News agency: Agence France-Presse (AFP)	no name	America (North)	27	life sciences	animals (marine)	no
Cape Argus	Thursday 26 July 2007	12	no	Indian police seek supergeeks	article	journalist	News agency: Ananova.com	no name	Asia (Middle East and India)	25	technology	computers	no
Cape Argus	Thursday 26 July 2007	13	no	FBI to pay telecom firms for call data	article	journalist	Foreign newspaper: Washington Post	no name	America (North)	43	technology	telecommunication	no
Cape Argus	Thursday 26 July 2007	14	no	Nigeria court delays drug trial lawsuit	article	journalist	News agency: Unnamed	no name	Africa	14	medicine and health	diseases and treatment	no
Cape Argus	Thursday 26 July 2007	14	no	Elephants trample 8 to death in India	article	journalist	News agency: Unnamed	no name	Asia (Middle East and India)	14	life sciences	animals (wildlife)	no
Cape Argus	Thursday 26 July 2007	14	no	15 killed on Syrian ammo depot blast	article	journalist	News agency: Unnamed	no name	Asia (Middle East and India)	13	earth sciences	meteorology	no
Cape Argus	Thursday 26 July 2007	14	no	Canine hero of 9/11 rescue team dies	article	journalist	News agency: Associated Press (AP)	no name	America (North)	33	life sciences	animals (pets)	yes
Cape Argus	Thursday 26 July 2007	14	no	Zim may see more sanctions	article	journalist	News agency: Sapa	no name	Africa	166	medicine and health	diseases and treatment	yes
Cape Argus	Thursday 26 July 2007	14	no	Tornado adds to the woes of flood-hammered China	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	66	earth sciences	meteorology	yes
Cape Argus	Thursday 26 July 2007	18	no	Mom's cooking is pure of heart	article	journalist	Foreign newspaper: Washington Post	Andi McDaniel	America (North)	114	medicine and health	nutrition	no

Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Thursday 26 July 2007	18	no	Toy helps autistic kids smile	article	journalist	Foreign newspaper: Daily Mail	Fiona MacRae	Europe (UK and Ireland)	45	medicine and health	mental health	yes
Cape Argus	Thursday 26 July 2007	18	no	Tom apart by a health crisis	article	journalist	Foreign newspaper: Washington Post	Abigail Trafford	America (North)	140	medicine and health	diseases and treatment	yes
Cape Argus	Thursday 26 July 2007	20	no	Nuclear fuel route set to spread danger across SA	letter	public	n/a	Ingela Richardson, Gonubie	South Africa (general)	92	physical sciences	energy (nuclear)	yes
Cape Argus	Thursday 26 July 2007	20	no	Why did the chainsaw killer get off lightly?	letter	public	n/a	Gin Greenwood-Warner, Sea Point	South Africa (general)	21	life sciences	animals (pets)	no
Cape Argus	Thursday 26 July 2007	20	no	Sea of debate	letter	public	n/a	Howard Langley, Clovelly	South Africa (Western Cape)	31	earth sciences	water	yes
Cape Argus	Thursday 26 July 2007	20	no	Current confusion	letter	public	n/a	D Marchant, Ottery	South Africa (Western Cape)	9	earth sciences	water	yes
Cape Argus	Thursday 26 July 2007	21	no	We are changing how health service works (including Editor's response)	article	scientist or specialist	Cape Argus	Craig Househam (head of Western Cape health)	South Africa (Western Cape)	248	medicine and health	healthcare administration (other)	no
Cape Argus	Thursday 26 July 2007	21	no	Tavern of the Seas: Moonshine	column	journalist	Cape Argus	David Biggs	South Africa (Western Cape)	25	physical sciences	astronomy	yes
Cape Argus	Thursday 26 July 2007	Classified page 1	no	"Poor nations must invest in science"	article	journalist	News agency: Associated Press (AP)	no name	Africa	57	technology	other	no
Cape Argus	Thursday 26 July 2007	Tonite page 7	no	On the Trail: Walking with flowers	column	scientist or specialist	Cape Argus	Peter Slingsby (The Mapmaker)	South Africa (Western Cape)	128	life sciences	plants	no
Cape Argus	Friday 27 July 2007	1 and 3	no	Floods swamp city	article	journalist	Cape Argus	Henri du Plessis, Andisiwe Makinana, Murray Williams and Candice Keating (Staff Reporters)	South Africa (Western Cape)	184	earth sciences	meteorology	yes

Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Friday 27 July 2007	1	no	Say what? She may not have endured the dramas the little clownfish did	column	journalist	Foreign newspaper: Daily Mail	Say What?	Europe (UK and Ireland)	16	life sciences	animals (pets)	no
Cape Argus	Friday 27 July 2007	1	no	Eskom warns of power cuts	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	25	physical sciences	energy (electricity)	yes
Cape Argus	Friday 27 July 2007	3	no	Woodstock man charged for animal cruelty	article	journalist	Cape Argus	Fouzia van der Fort (Staff Reporter)	South Africa (Western Cape)	26	life sciences	animals (pets)	no
Cape Argus	Friday 27 July 2007	4	no	Storms bog down commuters across city	article	journalist	Cape Argus	Matt Medved, Mzoli Witbooi and Sandiso Phaliso (Staff Reporters)	South Africa (Western Cape)	148	earth sciences	meteorology	no
Cape Argus	Friday 27 July 2007	4	no	Student rescues dog from raging river	article	journalist	Cape Argus	Murray Williams (Staff Writer)	South Africa (Western Cape)	29	life sciences	animals (pets)	no
Cape Argus	Friday 27 July 2007	4	no	Lavish funeral for a whale	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	21	life sciences	animals (marine)	no
Cape Argus	Friday 27 July 2007	8	no	Husky killer's pet in a state	article	journalist	Cape Argus	Staff Reporter	South Africa (Mpumalanga)	93	life sciences	animals (pets)	no
Cape Argus	Friday 27 July 2007	9	no	DA lays charges against Rath	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (general)	81	medicine and health	Aids	no
Cape Argus	Friday 27 July 2007	10	no	Move to appeal against ruling that reinstates striking nurses	article	journalist	Cape Argus	Di Caelers (Health Writer)	South Africa (Western Cape)	104	medicine and health	hospital strike	no
Cape Argus	Friday 27 July 2007	11	no	CapeNature unveils star project to boost ecotourism	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	147	life sciences	environment and pollution	no
Cape Argus	Friday 27 July 2007	12	no	DA calls for action to curb flood of "dubious" alternative medicines	article	journalist	News agency: Sapa	no name	South Africa (general)	90	medicine and health	healthcare administration (malpractice)	no
Cape Argus	Friday 27 July 2007	12	no	SA's dams don't comply with modern safety rules	article	journalist	News agency: Sapa	no name	South Africa (general)	51	earth sciences	water	no



Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Friday 27 July 2007	14	no	Nasa computer sabotaged	article	journalist	News agency: Agence France-Presse (AFP)	no name	America (North)	100	physical sciences	astronomy	no
Cape Argus	Friday 27 July 2007	15	no	Current affairs	photograph	photographer	News agency: Reuters	no name	Asia (Far East and Russia)	4	earth sciences	meteorology	no
Cape Argus	Friday 27 July 2007	15	no	US pharmacists sue over contraceptive	article	journalist	News agency: Unnamed	no name	America (North)	15	medicine and health	healthcare administration (other)	no
Cape Argus	Friday 27 July 2007	16	no	When the intranet becomes child's play	article	journalist	Foreign newspaper: Irish Independent	Gemma O'Doherty	Europe (UK and Ireland)	181	technology	internet and email	no
Cape Argus	Friday 27 July 2007	16	no	Teach your child to be safe on the web	article	journalist	Foreign newspaper: Irish Independent	Gemma O'Doherty	Europe (UK and Ireland)	33	technology	internet and email	no
Cape Argus	Friday 27 July 2007	20	no	Winter's grip	editorial comment	journalist	Cape Argus	Chris Whitfield (Cape Argus Editor)	South Africa (Western Cape)	39	earth sciences	meteorology	yes
Cape Argus	Friday 27 July 2007	20	no	How to make a hot box	letter	public	n/a	Jo Maxwell, Rosebank	South Africa (Western Cape)	18	physical sciences	energy (renewable)	no
Cape Argus	Friday 27 July 2007	20	no	A few billions out	letter	public	n/a	Lee Engeler, Edgemead	South Africa (Western Cape)	10	physical sciences	mathematics	yes
Cape Argus	Friday 27 July 2007	21	no	A Bit of Skelm: Naturally	column	journalist	Cape Argus	Skelm	Europe (UK and Ireland)	12	earth sciences	meteorology	no
Cape Argus	Friday 27 July 2007	21	no	A Bit of Skelm: Supernatural	column	journalist	Cape Argus	Skelm	America (North)	13	science and beliefs	pseudoscience and superstitions	no
Cape Argus	Friday 27 July 2007	21	no	A Bit of Skelm: Unnatural attraction	column	journalist	Cape Argus	Skelm	Europe (UK and Ireland)	11	medicine and health	diseases and treatment	no
Cape Argus	Friday 27 July 2007	21	no	Tavern of the Seas: We've had a couple of scares recently involving products from China	column	journalist	Cape Argus	David Biggs	Asia (Far East and Russia)	74	medicine and health	food and product safety	no

Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Monday 30 July 2007	1	yes	Storm road havoc	article	journalist	Cape Argus	Ella Smook, Natasha Prince, Henri du Plessis and Matt Medved (Staff Reporters)	South Africa (Western Cape)	177	earth sciences	meteorology	yes
Cape Argus	Monday 30 July 2007	1	no	Say what? Cellphones shine light on surgery	column	journalist	News agency: Unnamed	Say What?	America (Central and South)	19	technology	telecommunication	no
Cape Argus	Monday 30 July 2007	2	no	Mama Taxi: I'm getting fat, I must be allergic to wheat	cartoon	cartoonist	Cape Argus	Deni Brown and Gavin Thomson	South Africa (Western Cape)	none	medicine and health	nutrition	no
Cape Argus	Monday 30 July 2007	5	no	Gert van Rooyen's victims found?	article	journalist	Cape Argus	Staff Reporter	South Africa (Gauteng)	54	physical sciences	physics	yes
Cape Argus	Monday 30 July 2007	5	no	Teams sent to killer fires	article	journalist	Cape Argus	Staff Reporter	South Africa (Mpumalanga)	55	life sciences	environment and pollution	no
Cape Argus	Monday 30 July 2007	6	no	School tuckshops will fall under scrutiny of new food regulations	article	journalist	Cape Argus	Di Caeters (Health Writer)	South Africa (general)	107	medicine and health	nutrition	no
Cape Argus	Monday 30 July 2007	6	no	Man with HIV on attempted murder charge	article	journalist	News agency: Sapa	no name	South Africa (KwaZulu-Natal)	27	medicine and health	Aids	no
Cape Argus	Monday 30 July 2007	7	no	Provincial green light for new landfill site	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	84	life sciences	environment and pollution	no
Cape Argus	Monday 30 July 2007	7	no	Drug and abalone-smuggling case is postponed yet again	article	journalist	Cape Argus	Candice Bailey (Staff Reporter)	South Africa (Western Cape)	52	life sciences	animals (marine)	no
Cape Argus	Monday 30 July 2007	7	no	Reaching for the stars with under-sea cables	article	journalist	News agency: Sapa	no name	South Africa (general)	33	physical sciences	astronomy	yes
Cape Argus	Monday 30 July 2007	7	no	Guess what came in with the tide?	article	journalist	News agency: Reuters	no name	America (North)	20	life sciences	animals (wildlife)	no
Cape Argus	Monday 30 July 2007	8	no	Mbeki to "look into" unhealthy relationship	article	journalist	News agency: Sapa	no name	South Africa (general)	48	medicine and health	healthcare administration (Frere Hospital)	no
Cape Argus	Monday 30 July 2007	9	no	I'll print more money - Mugabe	article	journalist	News agency: Sapa	Angus Shaw	Africa	82	medicine and health	diseases and treatment	no

Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Monday 30 July 2007	10	no	China's toll from floods rises to 700	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	38	earth sciences	meteorology	no
Cape Argus	Monday 30 July 2007	10	no	A galloping good time	photograph	photographer	News agency: Associated Press (AP)	no name	Europe (UK and Ireland)	3	life sciences	animals (farm)	no
Cape Argus	Monday 30 July 2007	10	no	Russians lay claim to Arctic oil deposits	article	journalist	News agency: Unnamed	no name	Polar Regions	10	physical sciences	energy (oil and gas)	no
Cape Argus	Monday 30 July 2007	13	no	Book review: Guide will let you have a whale of a time with ocean's cetaceans	article	journalist	Cape Argus	John Yeld (Environment & Science Writer)	South Africa (Western Cape)	48	life sciences	animals (marine)	yes
Cape Argus	Monday 30 July 2007	14	no	Sensationalist, shallow media prefer Paris over paraffin	letter	scientist or specialist	n/a	Patrick Kulati, Managing Director, The Paraffin Safety Association of Southern Africa	South Africa (Gauteng)	43	physical sciences	energy (oil and gas)	no
Cape Argus	Tuesday 31 July 2007	1	no	Say what? Vegans ban sex with meat eaters	column	journalist	News agency: Unnamed	Say What?	Australasia	25	medicine and health	nutrition	no
Cape Argus	Tuesday 31 July 2007	1	no	City suburb in the dark	article	journalist	Cape Argus	Staff Reporter	South Africa (Western Cape)	28	physical sciences	energy (electricity)	no
Cape Argus	Tuesday 31 July 2007	3	no	22 die as fires turn Lowveld into wasteland	article	journalist	Cape Argus	Staff Reporter	South Africa (Mpumalanga)	126	life sciences	environment and pollution	no
Cape Argus	Tuesday 31 July 2007	4	no	New arrivals set up shacks in areas prone to flooding - housing manager	article	journalist	Cape Argus	Henri du Plessis (Staff Reporter)	South Africa (Western Cape)	80	earth sciences	meteorology	no
Cape Argus	Tuesday 31 July 2007	4	no	We can't move everyone, says housing boss	article	journalist	Cape Argus	Lindsay Dentlinger (Metro Writer)	South Africa (Western Cape)	127	earth sciences	meteorology	yes
Cape Argus	Tuesday 31 July 2007	4	no	Needy flood victims scramble for food	article	journalist	Cape Argus	Matt Medved (Staff Reporter)	South Africa (Western Cape)	68	earth sciences	meteorology	no
Cape Argus	Tuesday 31 July 2007	4	no	Langa residents find temporary dry digs in Delft	article	journalist	Cape Argus	Natasha Prince (Staff Reporter)	South Africa (Western Cape)	96	earth sciences	meteorology	no

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Appendix B: Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Tuesday 31 July 2007	5	no	Protest about services flares up	article	journalist	Cape Argus	Matt Medved (Staff Reporter)	South Africa (Western Cape)	95	life sciences	environment and pollution	no
Cape Argus	Tuesday 31 July 2007	5	no	Informal residents want houses and toilets - and to be moved out of "unfit" places	article	journalist	Cape Argus	Matt Medved (Staff Reporter)	South Africa (Western Cape)	81	earth sciences	meteorology	no
Cape Argus	Tuesday 31 July 2007	7	no	Man tosses pet shark after wild ride	article	journalist	Cape Argus	Own Correspondent	South Africa (Gauteng)	20	life sciences	animals (marine)	no
Cape Argus	Tuesday 31 July 2007	8	no	TAC turns up heat over HIV and infants	article	journalist	News agency: Sapa	no name	South Africa (general)	28	medicine and health	Aids	no
Cape Argus	Tuesday 31 July 2007	11	no	Report on baby deaths hospital "a whitewash"	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	59	medicine and health	healthcare administration (Frere Hospital)	no
Cape Argus	Tuesday 31 July 2007	13	no	Stroppy stripes	photograph	photographer	News agency: Reuters	no name	Africa	7	life sciences	animals (wildlife)	no
Cape Argus	Tuesday 31 July 2007	13	no	Rising Sudan floods wipe away whole villages	article	journalist	News agency: Sapa	no name	Africa	41	earth sciences	meteorology	yes
Cape Argus	Tuesday 31 July 2007	14	no	Bornean baby	photograph	photographer	News agency: Reuters	no name	Asia (Far East and Russia)	4	life sciences	animals (wildlife)	yes
Cape Argus	Tuesday 31 July 2007	14	no	"One joint as bad as five cigarettes"	article	journalist	News agency: Unnamed	no name	Australasia	11	medicine and health	smoking	yes
Cape Argus	Tuesday 31 July 2007	14	no	Australian pupils told to wear shades	article	journalist	News agency: Unnamed	no name	Australasia	9	medicine and health	diseases and treatment	no
Cape Argus	Tuesday 31 July 2007	15	no	How Africa's long-haul truckers helped spread HIV/Aids	article	journalist	News agency: Unnamed	Stephanie Nolen (28 Stories of Aids in Africa)	Africa	117	medicine and health	Aids	yes
Cape Argus	Tuesday 31 July 2007	15	no	In singing Annie Lennox speaks out	article	journalist	News agency: Health-e News Service	Anso Thom	South Africa (general)	181	medicine and health	Aids	yes
Cape Argus	Tuesday 31 July 2007	16	no	Modern pet owners get a new lease on care	article	journalist	News agency: Sapa	no name	America (North)	196	life sciences	animals (pets)	no
Cape Argus	Tuesday 31 July 2007	18	no	\$10m boost for citizen journalism	article	journalist	News agency: Sapa	no name	America (North)	94	technology	internet and email	no

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**Appendix B:** Science coverage data for the *Cape Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / public / Scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Argus	Tuesday 31 July 2007	18	no	YouTube under fire for clips of kid attacks	article	journalist	Foreign newspaper: Daily Mail	Paul Revoir	Europe (UK and Ireland)	54	technology	internet and email	no
Cape Argus	Tuesday 31 July 2007	20	no	Unhealthy situation	editorial comment	journalist	Cape Argus	Chris Whitfield (Cape Argus Editor)	South Africa (general)	39	medicine and health	healthcare administration (Frere Hospital)	no
Cape Argus	Tuesday 31 July 2007	20	no	Frere Hospital wins strange salute from Mbeki	letter	public	n/a	Mike Thurgood, Milnerton	South Africa (Eastern Cape)	53	medicine and health	healthcare administration (Frere Hospital)	no
Cape Argus	Tuesday 31 July 2007	20	no	Stop scoring points and start designing houses	letter	public	n/a	Rupert GF Toms, Cape Town	South Africa (Western Cape)	24	earth sciences	meteorology	yes
Cape Argus	Tuesday 31 July 2007	20	no	Indifference outrageous Tavern of the Seas: Most people believe that organ donation is a fine idea	letter	scientist or specialist	n/a	Dr Elisa Galgut, Department of Philosophy, University of Cape Town	South Africa (Western Cape)	29	life sciences	animals (pets)	no
Cape Argus	Tuesday 31 July 2007	21	no		column	journalist	Cape Argus	David Biggs	America (North)	50	medicine and health	other	no

## **Appendix C:**

Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 1 June 2007	1	no	Crack of Dawn: We should apply for a prospecting licence. Apparently there are rich veins of copper running from Eskom power stations	cartoon	cartoonist	Cape Times	Tony Grogan	South Africa (Western Cape)	none	physical sciences	energy (electricity)	no
Cape Times	Friday 1 June 2007	2	no	Agreement reached to save Bulgarian nurses	article	journalist	News agency: unnamed	no name	Africa	4	medicine and health	Aids	no
Cape Times	Friday 1 June 2007	2	no	Pet food chemical in other products	article	journalist	News agency: Sapa	no name	America (North)	13	medicine and health	food and product safety	yes
Cape Times	Friday 1 June 2007	3	no	63% of child deaths in hospital can be avoided, doctors tell SAHRC	article	journalist	News agency: Sapa	no name	South Africa (general)	35	medicine and health	healthcare administration (other)	yes
Cape Times	Friday 1 June 2007	4	no	Eskom chief forswears 10 more nuclear plants for SA	article	journalist	News agency: Sapa	Ben MacLennan	South Africa (general)	67	physical sciences	energy (nuclear)	yes
Cape Times	Friday 1 June 2007	4	no	Beeld scores victory for freedom of information over eNaTIS	article	journalist	News agency: Sapa	no name	South Africa (Gauteng)	72	technology	computers	no
Cape Times	Friday 1 June 2007	5	no	Fuel cell plan approved	article	journalist	Cape Times	no name	South Africa (general)	18	physical sciences	energy (renewable)	no
Cape Times	Friday 1 June 2007	6	no	Woman to get R840 000 from lover who gave her HIV	article	journalist	Cape Times	Zelda Venter	South Africa (Gauteng)	54	medicine and health	Aids	no
Cape Times	Friday 1 June 2007	6	no	Men held for intentionally infecting rape victims	article	journalist	News agency: Sapa	no name	Europe (other)	42	medicine and health	Aids	no
Cape Times	Friday 1 June 2007	6	no	Health minister resting	article	journalist	News agency: unnamed	no name	South Africa (general)	9	medicine and health	healthcare administration (other)	no
Cape Times	Friday 1 June 2007	6	no	Blood shortage	article	journalist	News agency: unnamed	no name	South Africa (general)	5	medicine and health	other	no
Cape Times	Friday 1 June 2007	8	no	Moody blue: A close up of an African Violet in full bloom in the early morning light	photograph	photographer	Cape Times	Sophia Stander	South Africa (Western Cape)	1	life sciences	plants	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 1 June 2007	9	no	Living windows on a bountiful past	article	scientist or specialist	Cape Times	Lucy Kemp (postgraduate student in the zoology department at the University of Cape Town)	South Africa (Western Cape)	178	life sciences	animals (marine)	yes
Cape Times	Friday 1 June 2007	9	no	Seaweed farming points the way for food production	article	scientist or specialist	Cape Times	Deborah Robertson-Andersson (PhD student in the botany department at the University of Cape Town)	South Africa (Western Cape)	147	life sciences	animals (marine)	yes
Cape Times	Friday 1 June 2007	9	no	Van Schalkwyk must not give an inch to Japan at Alaska whaling meeting	article	scientist or specialist	Cape Times	Horst Kleinschmidt (managing director of Feike and former vice chairman of the IWC)	South Africa (general)	142	life sciences	animals (marine)	yes
Cape Times	Friday 1 June 2007	Top of the Times page 16	no	In the footsteps of Christie and Churchill	article	journalist	Cape Times	Graham Howe	Africa	144	earth sciences	water	no
Cape Times	Monday 4 June 2007	1	no	Crack of Dawn: While the provincial government dithers over job rights a lot of patients are going to be needing last rites.	cartoon	cartoonist	Cape Times	Tony Grogan	South Africa (general)	none	medicine and health	hospital strike	no
Cape Times	Monday 4 June 2007	1	yes	SA farming on knife-edge	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	122	life sciences	agriculture	yes
Cape Times	Monday 4 June 2007	1 and 3	no	Council destroys fynbos and forest in building illegal road	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	80	life sciences	plants	yes
Cape Times	Monday 4 June 2007	1	no	Baring the facts of global warming	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	24	earth sciences	climate change	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Monday 4 June 2007	4	no	Emergency services brace for extreme winter storms	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	98	earth sciences	meteorology	yes
Cape Times	Monday 4 June 2007	6	no	Wake up to obligations and act against global warming - Tutu	article	journalist	Cape Times	Tony Carmie	Europe (other)	54	earth sciences	climate change	no
Cape Times	Monday 4 June 2007	8	no	Groote Schuur, Tygerberg hospitals' great expectations	article	journalist	Cape Times	Aziz Hartley	South Africa (Western Cape)	101	medicine and health	healthcare administration (other)	yes
Cape Times	Monday 4 June 2007	10	no	Number of black patients exceeded whites during apartheid	letter	scientist or specialist	n/a	Dr Jocelyne Kane-Berman, Gardens	South Africa (Western Cape)	103	medicine and health	healthcare administration (other)	yes
Cape Times	Monday 4 June 2007	10	no	Change of seasons: Trees clad in their autumn colours form a wind break on a farm near Franschoek	photograph	photographer	Cape Times	Andrew Ingram	South Africa (Western Cape)	1	life sciences	plants	no
Cape Times	Tuesday 5 June 2007	1	no	Crack of Dawn: Riots at G8 Conference: "A G8 conference is where international globalisation meets international mobilisation."	cartoon	cartoonist	Cape Times	Tony Grogan	Europe (other)	none	earth sciences	climate change	no
Cape Times	Tuesday 5 June 2007	1 and 3	no	DNA research finds five more Krystna elephants	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	79	life sciences	animals (wildlife)	yes
Cape Times	Tuesday 5 June 2007	1 and 3	no	Cabinet to be briefed on harsh facts of farming in Western Cape	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	70	life sciences	agriculture	yes
Cape Times	Tuesday 5 June 2007	2	no	UN report highlights melting ice on eve of World Environment Day	article	journalist	News agency: Sapa	Doug Melgren	Polar Regions	87	earth sciences	climate change	yes
Cape Times	Tuesday 5 June 2007	2	no	Zimbabwe hit by power outages	article	journalist	News agency: unnamed	no name	Africa	5	physical sciences	energy (electricity)	no
Cape Times	Tuesday 5 June 2007	3	no	High times on Everest: Capetonians summit ... quietly	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	Asia (Middle East and India)	124	medicine and health	other	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 5 June 2007	4	no	Equity does not leave health posts vacant - MEC	article	journalist	Cape Times	David Spett	South Africa (Western Cape)	64	medicine and health	healthcare administration (other)	no
Cape Times	Tuesday 5 June 2007	4	no	Balfour admits to Polismoor healthcare problems	article	journalist	Cape Times	Angela Quintal (Political Bureau Editor)	South Africa (Western Cape)	93	medicine and health	healthcare administration (other)	yes
Cape Times	Tuesday 5 June 2007	5	no	Health MEC, woman settle	article	journalist	Cape Times	Fatima Schroeder	South Africa (Western Cape)	22	medicine and health	healthcare administration (malpractice)	no
Cape Times	Tuesday 5 June 2007	5	no	Mudslide smothers Eurasia's geyser valley	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	52	earth sciences	geology	yes
Cape Times	Tuesday 5 June 2007	6	no	City admits 'huge mistake' after forest destroyed at Orange Kloof	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	78	life sciences	plants	yes
Cape Times	Tuesday 5 June 2007	6	no	Three miners die when mudslide swamps shaft	article	journalist	News agency: Sapa	no name	South Africa (North West)	33	earth sciences	geology	no
Cape Times	Tuesday 5 June 2007	6	no	Deal on Aids plan for SA expected at conference	article	journalist	News agency: Health-e News Service	Kerry Cullinan	South Africa (KwaZulu-Natal)	64	medicine and health	Aids	no
Cape Times	Tuesday 5 June 2007	6	no	Pesticide exposure increases brain cancer risk new study	article	journalist	News agency: Sapa	no name	Europe (other)	32	medicine and health	diseases and treatments	yes
Cape Times	Tuesday 5 June 2007	8	no	Climate change	editorial comment	journalist	Cape Times	Tyrone August (Cape Times Editor)	South Africa (general)	44	earth sciences	climate change	no
Cape Times	Tuesday 5 June 2007	8	no	Assist black farmers	letter	public	n/a	Lyndall Beddy, Plettenberg Bay	South Africa (general)	34	life sciences	agriculture	no
Cape Times	Tuesday 5 June 2007	8	no	Job reservation wrong	letter	public	n/a	James Loock, Green Point	South Africa (Western Cape)	65	medicine and health	healthcare administration (other)	no
Cape Times	Tuesday 5 June 2007	9	no	Academics must take back the lead in debates which concern society	article	scientist or specialist	Cape Times	Nithaya Chetty (physicist at the University of KwaZulu-Natal)	South Africa (general)	205	physical sciences	physics	no

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 5 June 2007	Times Life Supplement page 6	no	Health Special: Real emergencies need specialist care and attention: Patients are prioritised according to severity of their problem	column	scientist or specialist	Cape Times	Lee Wallis (head of emergency medicine at the University of Stellenbosch and the University of Cape Town, and for the Provincial Government of the Western Cape)	South Africa (Western Cape)	194	medicine and health	healthcare administration (other)	yes
Cape Times	Tuesday 5 June 2007	Times Life Supplement 7	no	Gardens: Let your garden go to pot with any kind of container	column	scientist or specialist	Cape Times	Alan Dawson (horticulturist)	South Africa (Western Cape)	149	life sciences	plants	no
Cape Times	Tuesday 5 June 2007	Times Techno 1	no	Internet project aims to let GENI out the bag	article	journalist	News agency: Sapa	no name	America (North)	82	technology	internet and email	yes
Cape Times	Tuesday 5 June 2007	Times Techno 1	no	Sweden joins Maldives with a virtual embassy	article	journalist	News agency: Sapa	Delphine Toutou	Europe (other)	64	technology	internet and email	yes
Cape Times	Tuesday 5 June 2007	Times Techno 1	no	Keeping in touch with the times	article	journalist	News agency: Reuters	no name	America (North)	26	technology	computers	yes
Cape Times	Tuesday 5 June 2007	Times Techno 1	no	A move of note for new musicians	article	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	12	technology	computers	no
Cape Times	Tuesday 5 June 2007	Times Techno 1	no	eBay buys StumbledUpon site	article	journalist	News agency: Reuters	no name	America (North)	11	technology	internet and email	no
Cape Times	Tuesday 5 June 2007	Times Techno 2	no	New user-friendly smartphone marries design, accessibility	article	journalist	Cape Times	Sebastian Stent	South Africa (general)	86	technology	telecommunication	yes
Cape Times	Tuesday 5 June 2007	Times Techno 2	no	Switched On: Back-up before losing out on laptops	column	journalist	Cape Times	Andrew Parker	South Africa (general)	100	technology	computers	yes

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 5 June 2007	Times Techno 2	no	Wine merchants unhook tantalising online deals	article	journalist	Foreign newspaper: Belfast Telegraph	Myra Greer	Europe (UK and Ireland)	46	technology	internet and email	no
Cape Times	Tuesday 5 June 2007	Times Techno 2	no	Cutting Edge: Spider-Men just a leap away	column	journalist	News agency: The Big Eyed Deer	Regardt Voges	Europe (other)	82	technology	other	yes
Cape Times	Tuesday 5 June 2007	Times Techno 3	no	Opera-Mini - life changing software	article	journalist	Cape Times	Jozua Malherbe	South Africa (Western Cape)	70	technology	internet and email	yes
Cape Times	Tuesday 5 June 2007	Times Techno 3	no	A laptop in every home...	article	journalist	News agency: Agence France-Presse (AFP)	Laurence Benhamou	America (North)	60	technology	computers	yes
Cape Times	Tuesday 5 June 2007	Times Techno 3	no	Netizen: SA entrepreneur is reaching for the stars	column	journalist	News agency: The Big Eyed Deer	Sebastian Stent	South Africa (Western Cape)	75	technology	other	yes
Cape Times	Tuesday 5 June 2007	Times Techno 3	no	Apple offers TV downloads	article	journalist	News agency: Agence France-Presse (AFP)	no name	America (North)	16	technology	other	yes
Cape Times	Tuesday 5 June 2007	Times Techno 3	no	Spontaneous' robot	article	journalist	News agency: Associated Press (AP)	no name	Asia (Far East and Russia)	26	technology	other	yes
Cape Times	Tuesday 5 June 2007	Times Techno 3	no	Virtual library - above board	article	journalist	News agency: Sapa	no name	America (North)	15	technology	internet and email	no
Cape Times	Tuesday 5 June 2007	Times Techno 3	no	Google Gears 'plugs a gap'	article	journalist	News agency: Reuters	no name	America (North)	25	technology	internet and email	yes
Cape Times	Wednesday 6 June 2007	1	yes	Mbeki puts Manto back in charge	article	journalist	Cape Times	Angela Quintal and Christelle Terreblanche (Political Bureau)	South Africa (general)	119	medicine and health	healthcare administration (other)	yes
Cape Times	Wednesday 6 June 2007	1 and 3	no	Move to launch new broadband network for city could "create 95 000 jobs"	article	journalist	Cape Times	Anel Powell (Metro Writer)	South Africa (Western Cape)	90	technology	telecommunication	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Wednesday 6 June 2007	2	no	Missile shield row may muddy waters on climate change, aid	article	journalist	News agency: Reuters	no name	America (North)	48	earth sciences	climate change	no
Cape Times	Wednesday 6 June 2007	2	no	Electricity provider raises tariffs amid blackouts	article	journalist	News agency: unnamed	no name	Africa	5	physical sciences	energy (electricity)	no
Cape Times	Wednesday 6 June 2007	3	no	Council gives R4.4m to shark safety programme	article	journalist	Cape Times	Anel Powell (Metro Writer)	South Africa (Western Cape)	74	life sciences	animals (marine)	no
Cape Times	Wednesday 6 June 2007	4	no	Environment and tourism interests often clash	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	105	earth sciences	climate change	yes
Cape Times	Wednesday 6 June 2007	4	no	Commercial perlemoen industry could face shutdown	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	60	life sciences	animals (marine)	yes
Cape Times	Wednesday 6 June 2007	4	no	Internet is revolutionising news dissemination, forum told	article	journalist	Cape Times	Karen Breytenbach	South Africa (Western Cape)	50	technology	internet and email	no
Cape Times	Wednesday 6 June 2007	4	no	Specialists warn of "unstoppable wave of child mortality"	article	journalist	News agency: Health-e News Service	Anso Thom	South Africa (general)	60	medicine and health	Aids	yes
Cape Times	Wednesday 6 June 2007	6	no	Asmal takes Rath to court to obtain information	article	journalist	Cape Times	Fatima Schroeder	South Africa (Western Cape)	37	medicine and health	Aids	no
Cape Times	Wednesday 6 June 2007	8	no	P.S.: What's wrong with spreading the nuclear waste around SA?	column	journalist	Cape Times	John Scott	South Africa (general)	81	physical sciences	energy (nuclear)	no
Cape Times	Wednesday 6 June 2007	8	no	Deaf to chainsaws	letter	public	n/a	Richard Davies, Durbanville	South Africa (Western Cape)	40	life sciences	plants	no
Cape Times	Wednesday 6 June 2007	8	no	Nuclear pollution	letter	scientist or specialist	n/a	Richard Worthington, Co-ordinator, SA Climate Change Action Network, Johannesburg	South Africa (general)	92	physical sciences	energy (nuclear)	yes
Cape Times	Wednesday 6 June 2007	8	no	Food security vital	letter	public	n/a	Charles Sellick, Gordon's Bay	South Africa (general)	39	life sciences	agriculture	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Wednesday 6 June 2007	8	no	Farming benefits	letter	public	n/a	HD Barry, Suurbraak	South Africa (general)	40	life sciences	agriculture	no
Cape Times	Wednesday 6 June 2007	9	no	African governments' responses do not match the scale of the health crisis	article	scientist or specialist	Cape Times	Angela Ndinga-Muvumba, senior researcher at the Centre for Conflict Resolution at the University of Cape Town	Africa	162	medicine and health	Aids	no
Cape Times	Thursday 7 June 2007	1 and 3	yes	Rescue services "risk lives" of patients	article	journalist	Cape Times	Caryn Dolley	South Africa (Western Cape)	134	medicine and health	healthcare administration (other)	no
Cape Times	Thursday 7 June 2007	2	no	US opposes firm targets for cutting gas emissions	article	journalist	News agency: Reuters	Caren Bohan and Tabassum Zakaria	America (North)	86	earth sciences	climate change	no
Cape Times	Thursday 7 June 2007	2	no	Cyclone Gonu threatens major oil export port	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	3	earth sciences	meteorology	no
Cape Times	Thursday 7 June 2007	2	no	India on track to eliminate polio by 2008	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	4	medicine and health	diseases and treatments	no
Cape Times	Thursday 7 June 2007	3	no	City seeks details on how TMNP is managed	article	journalist	Cape Times	Anel Powell (Metro Writer)	South Africa (Western Cape)	56	life sciences	environment and pollution	no
Cape Times	Thursday 7 June 2007	4	no	Demand by crime gangs lies behind sharp rise in poaching	article	journalist	News agency: Reuters	no name	Africa	60	life sciences	animals (wildlife)	no
Cape Times	Thursday 7 June 2007	4	no	Cites rejects Japan's push for whale protection rethink	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	60	life sciences	animals (marine)	no
Cape Times	Thursday 7 June 2007	4	no	Water Affairs probing corruption after tunnel vehicles' purchase	article	journalist	Cape Times	Vusumzi ka Nzapeza	South Africa (Western Cape)	49	earth sciences	water	no
Cape Times	Thursday 7 June 2007	4	no	Horse and rider with mom in tow reach Knysna after epic journey	article	journalist	Cape Times	Wesley April	South Africa (Western Cape)	51	life sciences	animals (farm)	no



Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Thursday 7 June 2007	4	no	Shortage of police officers puts a spoke in naked bike ride	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	93	earth sciences	climate change	no
Cape Times	Thursday 7 June 2007	5	no	Manto returns to garlic on her first day back in parliament	article	journalist	News agency: Sapa	no name	South Africa (general)	59	medicine and health	nutrition	yes
Cape Times	Thursday 7 June 2007	5	no	Minister was "repeatedly invited" to deliver speech	article	journalist	News agency: Health-e News Service	Anso Thom	South Africa (KwaZulu, Natal)	89	medicine and health	Aids	no
Cape Times	Thursday 7 June 2007	5	no	Manuel urges media to ask "difficult questions" of G8	article	journalist	Cape Times	Karen Breytenbach	South Africa (Western Cape)	86	life sciences	agriculture	no
Cape Times	Thursday 7 June 2007	5	no	eNaTIS traffic system now running smoothly, MPs told	article	journalist	Cape Times	Boyd Webb (Political Bureau)	South Africa (general)	23	technology	computers	no
Cape Times	Thursday 7 June 2007	6	no	NGOs call for health ombudsman	article	journalist	Cape Times	David Spett	South Africa (general)	36	medicine and health	healthcare administration (other)	no
Cape Times	Thursday 7 June 2007	6	no	City animator bags worldwide awards for "The Rubbish Monster"	article	journalist	Cape Times	Noah Barron	South Africa (Western Cape)	85	life sciences	environment and pollution	no
Cape Times	Thursday 7 June 2007	8	no	G8 / Global warming / Face it ... There's always something on the agenda more pressing than Africa	cartoon	cartoonist	Cape Times	Zapiro	Europe (other)	none	earth sciences	climate change	no
Cape Times	Thursday 7 June 2007	8	no	Power generation	letter	scientist or specialist	n/a	John Walmsley, President of the Institution of Nuclear Engineers, South Africa Branch, Simon's Town	South Africa (general)	57	physical sciences	energy (renewable)	yes
Cape Times	Thursday 7 June 2007	8	no	Paraffin safety	letter	scientist or specialist	n/a	Patrick Kulati, Managing Director, The Paraffin Safety Association of Southern Africa	South Africa (general)	56	physical sciences	energy (oil and gas)	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

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Cape Times	Friday 8 June 2007	1	no	Crack of Dawn: G8 fail to keep promises: "When they last met, the G8 countries promised the earth and the earth is still waiting."	cartoon	cartoonist	Cape Times	Tony Grogan	Europe (other)	none	earth sciences	climate change	no
Cape Times	Friday 8 June 2007	1 and 3	yes	Train derailed by floods	article	journalist	Cape Times	Caryn Dolley, Noah Barron and Wesley April	South Africa (Western Cape)	195	earth sciences	meteorology	yes
Cape Times	Friday 8 June 2007	1 and 3	no	Communication breakdown cited for emergency services' ills	article	journalist	Cape Times	Caryn Dolley	South Africa (Western Cape)	79	medicine and health	healthcare administration (other)	no
Cape Times	Friday 8 June 2007	2	no	G8 leaders agree to unspecified emission cuts	article	journalist	News agency: Reuters	Jeff Mason and Thomas Krumenacker	Europe (other)	88	earth sciences	climate change	no
Cape Times	Friday 8 June 2007	2	no	Cyclone Gonu claims 15, closes oil terminals	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	29	earth sciences	meteorology	no
Cape Times	Friday 8 June 2007	2	no	Airline to take legal action against TB patient	article	journalist	News agency: unnamed	no name	Europe (other)	5	medicine and health	diseases and treatments	no
Cape Times	Friday 8 June 2007	2	no	EU overfishing threatens 80% of species	article	journalist	News agency: unnamed	no name	Europe (other)	3	life sciences	animals (marine)	no
Cape Times	Friday 8 June 2007	2	no	Malawians sue Australian uranium mining firm	article	journalist	News agency: unnamed	no name	Africa	3	earth sciences	geology	no
Cape Times	Friday 8 June 2007	3	no	Eskom has R4.5m budget for renewable energies	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	91	physical sciences	energy (renewable)	no
Cape Times	Friday 8 June 2007	3	no	Cape needs investment of R8.8bn to meet goal	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	57	physical sciences	energy (renewable)	yes
Cape Times	Friday 8 June 2007	4	no	Health minister upbeat about HIV in pregnancy statistics	article	journalist	Cape Times	Boyd Webb (Political Bureau)	South Africa (general)	70	medicine and health	Aids	no
Cape Times	Friday 8 June 2007	4	no	Contaminated ARV drug is recalled	article	journalist	Cape Times	Lilly Fowler	South Africa (general)	52	medicine and health	Aids	yes

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 8 June 2007	7	no	Consumer Watch: "New" cellphone was just a second hand phone refurbished	article	journalist	Cape Times	Wendy Knowler	South Africa (general)	111	technology	telecommunication	no
Cape Times	Friday 8 June 2007	8	no	No, Minister	editorial comment	journalist	Cape Times	Tyrone August (Cape Times Editor)	South Africa (general)	44	medicine and health	Aids	no
Cape Times	Friday 8 June 2007	8	no	No trace of pesticides	letter	scientist or specialist	n/a	Andre Botha, Manager, Birds of Prey Working Group, Endangered Wildlife Trust; Andrew Jenkins, Researcher, Western Cape Raptor Research Programme; Adam Welz, Independent Researcher	South Africa (Western Cape)	58	life sciences	animals (birds)	yes
Cape Times	Friday 8 June 2007	8	no	My body's telling me something I don't want to know	article	journalist	Foreign newspaper: The Independent	Miles Kington	Europe (UK and Ireland)	103	medicine and health	diseases and treatments	no
Cape Times	Friday 8 June 2007	9	no	Progress made on biological causes of killer TB	article	scientist or specialist	Cape Times	Professor Valerie Mizrahi is in the Molecular Mycobacteriology Research Unit and DST/NRF Centre of Excellence for Biomedical TB Research at the University of the Witwatersrand and the National Health Laboratory Service in Johannesburg	South Africa (general)	289	medicine and health	diseases and treatments	yes

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 8 June 2007	9	no	Man Friday: We must go down to the sea again - and bring a decent life back to the people	column	journalist	Cape Times	Tony Weaver	South Africa (general)	145	life sciences	animals (marine)	no
Cape Times	Monday 11 June 2007	1 and 3	no	Motorist killed, thousands affected as rains lash city	article	journalist	Cape Times	Caryn Dolley and Noah Barron	South Africa (Western Cape)	156	earth sciences	meteorology	yes
Cape Times	Monday 11 June 2007	1	no	Crack of Dawn: Manto hasn't wasted a moment in rescuing discord from the jaws of amity	cartoon	cartoonist	Cape Times	Tony Grogan	South Africa (general)	none	medicine and health	healthcare administration (other)	no
Cape Times	Monday 11 June 2007	2	no	Hundreds evacuated after storms, flooding	article	journalist	News agency: Sapa	no name	Australasia	48	earth sciences	meteorology	no
Cape Times	Monday 11 June 2007	2	no	EU to negotiate settlement for Bulgarian nurses	article	journalist	News agency: unnamed	no name	Africa	7	medicine and health	Aids	no
Cape Times	Monday 11 June 2007	2	no	Swiss troops ready to help after floods hit villages	article	journalist	News agency: unnamed	no name	Europe (other)	3	earth sciences	meteorology	no
Cape Times	Monday 11 June 2007	3	no	Further bed and budget cuts loom for hospitals	article	journalist	Cape Times	David Spett	South Africa (Western Cape)	94	medicine and health	healthcare administration (other)	no
Cape Times	Monday 11 June 2007	4	no	"Gross misconduct": 75 striking nurses sacked for "ignoring ultimatum"	article	journalist	Cape Times	Babalo Ndenze	South Africa (Western Cape)	94	medicine and health	hospital strike	no
Cape Times	Monday 11 June 2007	4	no	Private services also take strain	article	journalist	News agency: Sapa	no name	South Africa (KwaZulu-Natal)	19	medicine and health	hospital strike	no
Cape Times	Monday 11 June 2007	5	no	Concern over 93 babies handled by TB nurse	article	journalist	Cape Times	Lilly Fowler	South Africa (Western Cape)	60	medicine and health	diseases and treatments	yes
Cape Times	Monday 11 June 2007	6	no	Global shortage continues to milk South Africans' pockets	article	journalist	Cape Times	Lyse Comins	South Africa (general)	40	life sciences	agriculture	no
Cape Times	Monday 11 June 2007	8	no	Denialists on retreat in Aids fight, says Achmat	article	journalist	Cape Times	Patrick Leeman	South Africa (general)	58	medicine and health	Aids	yes

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Monday 11 June 2007	8	no	St Lucia land claims signed over	article	journalist	News agency: Sapa	no name	South Africa (KwaZulu-Natal)	15	life sciences	environment and pollution	no
Cape Times	Monday 11 June 2007	8	no	Punish Yahoo, says mother of jailed Chinese journalist	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	65	technology	internet and email	no
Cape Times	Monday 11 June 2007	10	no	Second Opinion: TB terror	editorial comment	journalist	Foreign newspaper: Los Angeles Times	Los Angeles Times Editor	Europe (other)	40	medicine and health	diseases and treatments	yes
Cape Times	Monday 11 June 2007	10	no	Hypocrite's Oath	letter	public	n/a	Gyronesa Valentine, Stellenbosch	South Africa (general)	24	medicine and health	hospital strike	no
Cape Times	Monday 11 June 2007	10	no	All the wrong reasons	letter	scientist or specialist	n/a	Monty Guest, Chairman, Underwater Africa, Century City	South Africa (general)	44	life sciences	animals (marine)	no
Cape Times	Monday 11 June 2007	11	no	Window on Africa: Rules needed to sort perennial fallacies from facts in G8's promises of aid	column	journalist	Cape Times	Peter Fabricius	Africa	125	medicine and health	Aids	no
Cape Times	Monday 11 June 2007	Career Times page 1	no	His mission is paraffin safety	article	journalist	Cape Times	Sarah-Jane Bosch	South Africa (Western Cape)	93	physical sciences	energy (oil and gas)	no
Cape Times	Tuesday 12 June 2007	1	yes	Range of incentives and tax breaks: Radical new energy law for Western Cape on the cards	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	142	physical sciences	energy (renewable)	yes
Cape Times	Tuesday 12 June 2007	1	no	City dams filling quickly after week of rain, restrictions to stay	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	49	earth sciences	water	yes
Cape Times	Tuesday 12 June 2007	2	no	Eighty killed in Bangladesh monsoon	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	4	earth sciences	meteorology	no

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 12 June 2007	2	no	Torrential rains kill 71 in China	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	3	earth sciences	meteorology	no
Cape Times	Tuesday 12 June 2007	2	no	Chinese officials punished over undrinkable water	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	3	medicine and health	food and product safety	no
Cape Times	Tuesday 12 June 2007	2	no	Bush "priorities" release of Bulgarian nurses	article	journalist	News agency: unnamed	no name	Africa	4	medicine and health	Aids	no
Cape Times	Tuesday 12 June 2007	3	no	SPCA to investigate killing of relocated Tokai baboon by pack of dogs at Dutoitskloof	article	journalist	Cape Times	Karen Braytenbach	South Africa (Western Cape)	102	life sciences	animals (wildlife)	no
Cape Times	Tuesday 12 June 2007	3	no	Gugulethu worst-hit: 6 000 seek help as floods wash through their homes	article	journalist	Cape Times	Caryn Doley	South Africa (Western Cape)	93	earth sciences	meteorology	yes
Cape Times	Tuesday 12 June 2007	3	no	Lack of will to use scarce rubbish bins "is linked to flooding"	article	journalist	Cape Times	Noah Barron	South Africa (Western Cape)	97	life sciences	environment and pollution	no
Cape Times	Tuesday 12 June 2007	3	no	City's R760m plan to avert water shortages	article	journalist	Cape Times	Anel Powell (Metro Writer)	South Africa (Western Cape)	89	earth sciences	water	no
Cape Times	Tuesday 12 June 2007	3	no	Four hospitalised after botched circumcisions	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	27	medicine and health	healthcare administration (malpractice)	no
Cape Times	Tuesday 12 June 2007	4	no	Woman loses baby after being refused ambulance because "there's no staff"	article	journalist	News agency: Sapa	Giordano Stolley	South Africa (KwaZulu-Natal)	109	medicine and health	hospital strike	no
Cape Times	Tuesday 12 June 2007	4	no	C8 leaders: \$60m pledge hot air, says Ndungane	article	journalist	News agency: Sapa	no name	Africa	35	medicine and health	Aids	no
Cape Times	Tuesday 12 June 2007	4	no	DRC park rangers fight to save the life of orphaned baby gorilla	article	journalist	News agency: Reuters	no name	Africa	44	life sciences	animals (wildlife)	no
Cape Times	Tuesday 12 June 2007	4	no	Illegal logging erasing last of the orangutan forests - UN report	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	48	life sciences	animals (wildlife)	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 12 June 2007	5	no	Distraught husband sues Medi-Clinic	article	journalist	Cape Times	Fatima Schroeder	South Africa (Western Cape)	46	medicine and health	healthcare administration (malpractice)	no
Cape Times	Tuesday 12 June 2007	6	no	Medical malpractice cost state R42m last year	article	journalist	Cape Times	Angela Quintal (Political Bureau Editor)	South Africa (general)	46	medicine and health	healthcare administration (malpractice)	no
Cape Times	Tuesday 12 June 2007	8	no	G8: Promises - Recycle - for re-use next summit - Well, we did our bit to save the planet	cartoon	cartoonist	Cape Times	Zapiro	Europe (other)	none	earth sciences	climate change	no
Cape Times	Tuesday 12 June 2007	8	no	Essop's challenge	editorial comment	journalist	Cape Times	Tyrone August (Cape Times Editor)	South Africa (Western Cape)	40	physical sciences	energy (renewable)	yes
Cape Times	Tuesday 12 June 2007	8	no	Second Opinion: Alzheimer's research	editorial comment	journalist	Foreign newspaper: The Independent	The Independent Editor	Europe (UK and Ireland)	40	medicine and health	mental health	no
Cape Times	Tuesday 12 June 2007	Times Life page 2	no	Dark Lunch: Getting face to face with a new kind of cyber space	column	journalist	Cape Times	Suzi Bell	South Africa (Western Cape)	191	technology	internet and email	no
Cape Times	Tuesday 12 June 2007	Times Life page 4	no	Letting peace into your soul: The Hoerikwagga hiking programme creates new friendships and understanding	article	journalist	Cape Times	Noah Barron	South Africa (Western Cape)	220	life sciences	environment and pollution	no
Cape Times	Tuesday 12 June 2007	Times Life page 5	no	Preserving the reserve after assaults by alien species	article	scientist or specialist	Cape Times	Ed February, lecturer in the botany department at the University of Cape Town	South Africa (Western Cape)	228	life sciences	plants	yes
Cape Times	Tuesday 12 June 2007	Times Life page 6	no	Gardens: Get wise about when to cut - and know regrowth patterns	column	scientist or specialist	Cape Times	Alan Dawson (horticulturist)	South Africa (Western Cape)	144	life sciences	plants	yes

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 12 June 2007	Times Life page 7	no	Health Special: No easy way to put joints in running order: Knee and hip replacements the only option - and they are expensive	column	scientist or specialist	Cape Times	Professor Asgar Kalla, head of rheumatology at Groote Schuur Hospital and the University of Cape Town	South Africa (general)	162	medicine and health	diseases and treatments	yes
Cape Times	Tuesday 12 June 2007	Times Techno 1	no	Building a bridge between different media platforms	article	journalist	News agency: The Big Eyed Deer	Sebastian Stent	South Africa (Western Cape)	76	technology	telecommunication	yes
Cape Times	Tuesday 12 June 2007	Times Techno 1	no	Paris hosts cellphone movie festival	article	journalist	News agency: Sapa	Rory Mulholland	Europe (other)	54	technology	telecommunication	no
Cape Times	Tuesday 12 June 2007	Times Techno 1	no	iPhone hits US shops this month	article	journalist	News agency: unnamed	no name	America (North)	21	technology	telecommunication	yes
Cape Times	Tuesday 12 June 2007	Times Techno 1	no	Internet search warning	article	journalist	News agency: Reuters	no name	America (North)	15	technology	internet and email	yes
Cape Times	Tuesday 12 June 2007	Times Techno 1	no	Microsoft in deal with Linux company	article	journalist	News agency: unnamed	no name	America (North)	14	technology	computers	yes
Cape Times	Tuesday 12 June 2007	Times Techno 2	no	Consumers will determine winner in the DVD wars	article	journalist	News agency: Sapa	Regardt Voges	South Africa (general)	100	technology	other	yes
Cape Times	Tuesday 12 June 2007	Times Techno 2	no	Switched On: Back-up your essential data	column	journalist	Cape Times	Andrew Parker	South Africa (general)	105	technology	computers	yes
Cape Times	Tuesday 12 June 2007	Times Techno 2	no	Netizen: World's largest internet classified service gets 7 billion hits a month	column	journalist	News agency: The Big Eyed Deer	Marcin Modzynski	America (North)	44	technology	internet and email	no
Cape Times	Tuesday 12 June 2007	Times Techno 2	no	Cutting Edge: 'Beaming up' teleport information	column	journalist	Foreign newspaper: The Independent	Steve Connor	Europe (other)	84	physical sciences	physics	yes
Cape Times	Tuesday 12 June 2007	Times Techno 3	no	Is blogging 'creating a forest of mediocrity'?	article	journalist	News agency: Reuters	Eric Auchard	America (North)	97	technology	internet and email	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 12 June 2007	Times Techno 3	no	Search for the safe cellphone	article	journalist	Foreign newspaper: The Independent	Nic Fildes	Europe (UK and Ireland)	32	technology	telecommunication	yes
Cape Times	Tuesday 12 June 2007	Times Techno 3	no	Second Life for adults only/ Crack of Dawn: "George is doing his best to save energy. He spends two hours every day sleeping in front of the TV."	article	journalist	News agency: Sapa	Glenn Chapman	America (North)	26	technology	internet and email	no
Cape Times	Wednesday 13 June 2007	1	no	The one that didn't get away ... flying fish catches itself a big one	cartoon	cartoonist	Cape Times	Tony Grogan	South Africa (general)	none	physical sciences	energy (renewable)	no
Cape Times	Wednesday 13 June 2007	1	no	Deadly landslides swallow up over 100 people in Bangladesh	article	journalist	News agency: Sapa	no name	America (North)	26	life sciences	animals (marine)	yes
Cape Times	Wednesday 13 June 2007	2	no	Sub-continent heatwave claims lives of 340	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	21	earth sciences	geology	no
Cape Times	Wednesday 13 June 2007	2	no	"No work, no pay" is Manto's remedy	article	journalist	Cape Times	Boyd Webb (Political Bureau)	South Africa (Western Cape)	99	medicine and health	hospital strike	no
Cape Times	Wednesday 13 June 2007	4	no	Private hospitals limit intake from public institutions	article	journalist	Cape Times	Anel Powell (Metro Writer)	South Africa (Western Cape)	59	medicine and health	hospital strike	no
Cape Times	Wednesday 13 June 2007	4	no	Scrapping park fishing ban could have disastrous consequences, scientists warn	article	journalist	News agency: Sapa	no name	South Africa (general)	31	medicine and health	hospital strike	no
Cape Times	Wednesday 13 June 2007	6	no	Koeberg 5km radius ban on development "unlawful"	article	journalist	Cape Times	Tony Carnie	South Africa (general)	89	life sciences	animals (marine)	yes
Cape Times	Wednesday 13 June 2007	6	no		article	journalist	Cape Times	Fatima Schroeder	South Africa (Western Cape)	86	physical sciences	energy (nuclear)	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Wednesday 13 June 2007	6	no	Rath ordered to hand records over to Asmal	article	journalist	Cape Times	Fatima Schroeder	South Africa (general)	32	medicine and health	Aids	no
Cape Times	Wednesday 13 June 2007	8	no	P.S.: Nurses' strike and Manto's return were a double whammy	column	journalist	Cape Times	John Scott	South Africa (general)	85	medicine and health	hospital strike	no
Cape Times	Wednesday 13 June 2007	8	no	Health system can't cope with more budget cuts	letter	public	n/a	Lyndal Beddy, Plettenberg Bay	South Africa (general)	42	medicine and health	healthcare administration (other)	no
Cape Times	Wednesday 13 June 2007	8	no	Let's see eNatis work	letter	public	n/a	Graham Harington, Somerset West	South Africa (Western Cape)	36	technology	computers	no
Cape Times	Wednesday 13 June 2007	8	no	Renewable energy	letter	public	n/a	Roger Trythall, Camps Bay	South Africa (Western Cape)	18	physical sciences	energy (renewable)	no
Cape Times	Thursday 14 June 2007	1	no	Life's just poochy for these elderly mutts	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	30	life sciences	animals (pets)	no
Cape Times	Thursday 14 June 2007	2	no	400 000 face food shortages in Lesotho	article	journalist	News agency: unnamed	no name	Africa	3	earth sciences	meteorology	no
Cape Times	Thursday 14 June 2007	2	no	Man sentenced to life for infecting women	article	journalist	News agency: unnamed	no name	America (North)	3	medicine and health	Aids	no
Cape Times	Wednesday 13 June 2007	4	no	Unveiled giant, chicken-like dinosaur could rival T-Rex	article	journalist	News agency: Sapa	Guy Newey	Asia (Far East and Russia)	85	earth sciences	palaeontology and archaeology	yes
Cape Times	Thursday 14 June 2007	6	no	Mbeki slams "false reports" on hospital appointments	article	journalist	Cape Times	Angela Quintal (Political Bureau Editor)	South Africa (general)	101	medicine and health	healthcare administration (other)	no
Cape Times	Thursday 14 June 2007	6	no	Bloodshed in Africa could be a primary effect of climate change	article	journalist	Cape Times	Dominique Herman	Africa	76	earth sciences	climate change	no
Cape Times	Thursday 14 June 2007	10	no	Treatment plants in deep water, says Sindane	article	journalist	Cape Times	Deon van der Merwe	South Africa (general)	60	earth sciences	water	no
Cape Times	Thursday 14 June 2007	11	no	Look like the father, win the daughter	article	journalist	Foreign newspaper: The Independent	Steve Connor and Jonathan Brown	Europe (UK and Ireland)	110	medicine and health	mental health	yes

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Thursday 14 June 2007	13	no	Inside Out: The grapevine might be larger, but the gossip has lost power over the years	column	scientist or specialist	Cape Times	Dr Wilmut James, chief executive of the Africa Genome Education Institution and UCT honorary professor in the Division of Human Genetics	South Africa (general)	128	medicine and health	mental health	yes
Cape Times	Friday 15 June 2007	2	no	Play time: Zoo keeper Andreas Doerflein and polar bear Knut play in an open-air enclosure in the zoo in Berlin yesterday	photograph	photographer	News agency: Associated Press (AP)	no name	Europe (other)	2	life sciences	animals (marine)	no
Cape Times	Friday 15 June 2007	3	no	Deep blue: A girl visiting the Two Oceans Aquarium points to a fish in the kelp forest display	photograph	photographer	News agency: Reuters	no name	South Africa (Western Cape)	3	life sciences	animals (marine)	no
Cape Times	Friday 15 June 2007	3	no	Heavy rains leave Swartland farmers with R40m in losses	article	journalist	Cape Times	Noah Barron	South Africa (Western Cape)	94	life sciences	agriculture	yes
Cape Times	Friday 15 June 2007	3	no	Zilla climbs right into tree-felling debate	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	58	life sciences	plants	yes
Cape Times	Friday 15 June 2007	3	no	Rampaging squirrel injures three	article	journalist	News agency: Reuters	no name	Europe (other)	28	life sciences	animals (wildlife)	yes
Cape Times	Friday 15 June 2007	4	no	Holing out: The aftermath of floods in and around Cape Town created a crater-like hole on the corner of Long and Castle streets after a water main burst in the city centre yesterday	photograph	photographer	Cape Times	Andrew Ingram	South Africa (Western Cape)	3	earth sciences	meteorology	no
Cape Times	Friday 15 June 2007	6	no	Annan will lead alliance to create a greener Africa	article	journalist	Cape Times	Dominique Herman	Africa	67	life sciences	agriculture	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 15 June 2007	8	no	Cites gives go-ahead for one-off sale of SA's ivory	article	journalist	News agency: Sapa	no name	Africa	106	life sciences	animals (wildlife)	yes
Cape Times	Friday 15 June 2007	8	no	Minister sued for R5m after baby born quadriplegic	article	journalist	Cape Times	Fatima Schroeder	South Africa (Western Cape)	42	medicine and health	healthcare administration (malpractice)	no
Cape Times	Friday 15 June 2007	10	no	Futuristic: Looking like a prop from a science fiction movie, one of the experimental Eskom windmills stands watch over farmlands in Klipheuwel	photograph	photographer	Cape Times	Andrew Ingram	South Africa (Western Cape)	1	physical sciences	energy (renewable)	no
Cape Times	Friday 15 June 2007	11	no	Man Friday: Save Table Mountain National Park - cut down a plantation today	column	journalist	Cape Times	Tony Weaver	South Africa (Western Cape)	none	life sciences	environment and pollution	yes
Cape Times	Friday 15 June 2007	Top of the Times page 7	no	Live Earth concerts to rock world	article	journalist	Cape Times	Jane Mayne	South Africa (Gauteng)	81	earth sciences	climate change	no
Cape Times	Monday 18 June 2007	1 and 3	yes	Safety fears put brakes on nuclear programme	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	129	physical sciences	energy (nuclear)	no
Cape Times	Monday 18 June 2007	2	no	Wildlife census in Sudan stuns conservationists	article	journalist	News agency: Sapa	no name	Africa	36	life sciences	animals (wildlife)	yes
Cape Times	Monday 18 June 2007	2	no	North Korea invites inspectors to discuss nuke shutdown	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	27	physical sciences	energy (nuclear)	no
Cape Times	Monday 18 June 2007	2	no	Siberian tiger births add to endangered numbers	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	3	life sciences	animals (wildlife)	no
Cape Times	Monday 18 June 2007	2	no	Robot MCs its creator's wedding	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	3	technology	other	no

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Monday 18 June 2007	3	no	NSRI "not told" about emergency call for diver	article	journalist	Cape Times	Caryn Dolley	South Africa (Western Cape)	93	medicine and health	healthcare administration (other)	no
Cape Times	Monday 18 June 2007	3	no	Hope floats again as sunken vessel survives ocean depths	article	journalist	Cape Times	Lilly Fowler	South Africa (Western Cape)	53	physical sciences	physics	yes
Cape Times	Monday 18 June 2007	3	no	Dog owners to be on a tight leash	article	journalist	News agency: Sapa	no name	Europe (other)	20	life sciences	animals (pets)	no
Cape Times	Monday 18 June 2007	4	no	Botanist sets up project to test global warming damage to fynbos	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	88	life sciences	plants	yes
Cape Times	Monday 18 June 2007	4	no	Newton letter gives date for world's end	article	journalist	News agency: Sapa	no name	Europe (UK and Ireland)	52	science and beliefs	science and religion	yes
Cape Times	Monday 18 June 2007	4	no	Longest space flight by a woman recorded	article	journalist	News agency: Sapa	no name	America (North)	23	physical sciences	astronomy	yes
Cape Times	Monday 18 June 2007	5	no	Politics lies at the root of child malnutrition, says expert	article	journalist	Cape Times	Hanna Ingber Win	South Africa (general)	73	medicine and health	healthcare administration (other)	yes
Cape Times	Monday 18 June 2007	5	no	Group fights risk of SA land turning into desert	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	107	earth sciences	meteorology	yes
Cape Times	Monday 18 June 2007	6	no	Surveillance of masterminds in perlemoen-poaching racket beefed up	article	journalist	Cape Times	Vusumzi ka Nzapheza	South Africa (Western Cape)	88	life sciences	animals (marine)	no
Cape Times	Monday 18 June 2007	6	no	Hare-raising operation keeps Milan's runways open	article	journalist	News agency: Sapa	no name	Europe (other)	39	life sciences	animals (wildlife)	no
Cape Times	Monday 18 June 2007	6	no	Illegal initiation schools' owners held	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	26	medicine and health	healthcare administration (malpractice)	no
Cape Times	Monday 18 June 2007	7	no	Death of baboon in fight with farm dogs no cause for prosecution, says SPCA	article	journalist	Cape Times	Karen Breytenbach	South Africa (Western Cape)	89	life sciences	animals (wildlife)	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Monday 18 June 2007	7	no	Namibian seal cull is "genocide", say protesters at embassy in Pretoria	article	journalist	Cape Times	Alex Eliseev	South Africa (Gauteng)	43	life sciences	animals (marine)	no
Cape Times	Monday 18 June 2007	7	no	British researchers get touchy about feeling others' pain	article	journalist	News agency: Reuters	no name	America (North)	52	medicine and health	other	yes
Cape Times	Monday 18 June 2007	8	no	Consumer Watch: Beware of criminals phishing for personal banking information	article	journalist	Cape Times	Wendy Knowler	South Africa (general)	152	technology	internet and email	no
Cape Times	Monday 18 June 2007	10	no	Fresh pickings: Widespread floods in the Swartland have brought grief to many farmers whose orchards are largely flooded, but the weather was perfect for water birds	photograph	photographer	Cape Times	Enver Essop	South Africa (Western Cape)	2	life sciences	animals (birds)	no
Cape Times	Monday 18 June 2007	10	no	Unhealthy surgery	letter	scientist or specialist	n/a	Dr Sithombo Maqungo, Minerton	South Africa (Western Cape)	50	medicine and health	healthcare administration (other)	no
Cape Times	Monday 18 June 2007	10	no	No incentive to save	letter	public	n/a	Sue Mare, Worcester	South Africa (Western Cape)	41	physical sciences	energy (renewable)	no
Cape Times	Monday 18 June 2007	10	no	Fresh, green ideas	letter	public	n/a	Jilyan Pitman	South Africa (general)	44	life sciences	environment and pollution	yes
Cape Times	Tuesday 19 June 2007	2	no	More neolithic etchings found in Algeria	article	journalist	News agency: Reuters	no name	Africa	22	earth sciences	palaeontology and archaeology	no
Cape Times	Tuesday 19 June 2007	2	no	UN nuclear inspectors to visit North Korea	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	2	physical sciences	energy (nuclear)	no
Cape Times	Tuesday 19 June 2007	3	no	Google searches for solutions as users realise how much their privacy is threatened	article	journalist	News agency: Reuters	no name	America (North)	119	technology	internet and email	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 19 June 2007	3	no	"NSRI call" to help diver was made to Netcare number	article	journalist	Cape Times	Caryn Dolley	South Africa (Western Cape)	73	medicine and health	healthcare administration (other)	no
Cape Times	Tuesday 19 June 2007	3	no	Catholic living in dark after seeking Mary in sun	article	journalist	News agency: unnamed	no name	South Africa (Gauteng)	68	science and beliefs	science and religion	yes
Cape Times	Tuesday 19 June 2007	4	no	Huge levels of methane gas pollution from city facility	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	82	earth sciences	climate change	yes
Cape Times	Tuesday 19 June 2007	4	no	Climate change could be the last straw as world views refugees with growing disdain	article	journalist	News agency: Reuters	no name	Asia (Middle East and India)	126	earth sciences	climate change	no
Cape Times	Tuesday 19 June 2007	4	no	SPCA condemns club keeping jackals for "sport"	article	journalist	News agency: Sapa	no name	South Africa (Gauteng)	66	life sciences	animals (wildlife)	no
Cape Times	Tuesday 19 June 2007	4	no	TB, flu and pneumonia the leading causes of death in SA, records show	article	journalist	Cape Times	Dominique Herman	South Africa (general)	112	medicine and health	diseases and treatments	yes
Cape Times	Tuesday 19 June 2007	4	no	"What I spent seven years building up and caring for was ruined in one fell swoop"	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	74	life sciences	environment and pollution	no
Cape Times	Tuesday 19 June 2007	4	no	Online paedophile ring smashed	article	journalist	Cape Times	Lilly Fowler	Europe (UK and Ireland)	43	technology	internet and email	no
Cape Times	Tuesday 19 June 2007	4	no	Couple die from fumes	article	journalist	News agency: unnamed	no name	South Africa (Gauteng)	11	physical sciences	energy (oil and gas)	no
Cape Times	Tuesday 19 June 2007	5	no	Political pressure on medicines authority "destructive"	article	journalist	Cape Times	Boyd Webb (Political Bureau)	South Africa (general)	90	medicine and health	healthcare administration (other)	no
Cape Times	Tuesday 19 June 2007	5	no	TAC takes department to court over 41 dismissed workers	article	journalist	Cape Times	Babalo Ndenze	South Africa (Western Cape)	74	medicine and health	hospital strike	no
Cape Times	Tuesday 19 June 2007	5	no	Blackouts loom as Eskom faces strike	article	journalist	News agency: Sapa	no name	South Africa (general)	51	physical sciences	energy (electricity)	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 19 June 2007	7	no	Close encounters with baboon kind could get your tale in a book	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	54	life sciences	animals (wildlife)	no
Cape Times	Tuesday 19 June 2007	8	no	Weaver's bigotry	letter	public	n/a	Alan Paine, Wynberg	South Africa (Western Cape)	47	life sciences	environment and pollution	yes
Cape Times	Tuesday 19 June 2007	8	no	Suffer the children	editorial comment	journalist	Cape Times	Tyrone August (Cape Times Editor)	South Africa (general)	46	medicine and health	diseases and treatments	yes
Cape Times	Tuesday 19 June 2007	Times Life page 6	no	Health Special: Demystifying myths of breast cancer	column	scientist or specialist	Cape Times	Elizabeth Murray (senior specialist and senior lecturer in the Breast Clinic at the University of Cape Town and Groote Schuur Hospital and a member of the Scientific Committee of the International Breast Cancer Study Group) and Eugenio Panieri (senior specialist and senior lecturer in General Surgery at the University of Cape Town and Groote Schuur Hospital and head of the Breast Clinic at Groote Schuur).	South Africa (general)	155	medicine and health	diseases and treatments	yes
Cape Times	Tuesday 19 June 2007	Times Life page 6	no	Gardens: Making the most of tiny, town gardens	column	scientist or specialist	Cape Times	Alan Dawson (horticulturist)	South Africa (Western Cape)	128	life sciences	plants	no



Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 19 June 2007	Times Techno 1	no	City web designers put people first	article	journalist	News agency: The Big Eyed Deer	Padraic O'Meara	South Africa (Western Cape)	84	technology	internet and email	yes
Cape Times	Tuesday 19 June 2007	Times Techno 1	no	Chip promises worldwide wireless connectivity	article	journalist	News agency: Sapa	Peter Svensson	America (North)	108	technology	computers	yes
Cape Times	Tuesday 19 June 2007	Times Techno 1	no	Apple wants share of movie-hire trade	article	journalist	News agency: unnamed	no name	America (North)	25	technology	internet and email	no
Cape Times	Tuesday 19 June 2007	Times Techno 1	no	Extra large virtual world for China	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	13	technology	internet and email	no
Cape Times	Tuesday 19 June 2007	Times Techno 1	no	Small rise in semiconductor sales	article	journalist	News agency: unnamed	no name	America (North)	8	technology	computers	no
Cape Times	Tuesday 19 June 2007	Times Techno 2	no	Get the right webhost to keep your website up and running	article	journalist	News agency: The Big Eyed Deer	no name	America (North)	96	technology	internet and email	no
Cape Times	Tuesday 19 June 2007	Times Techno 2	no	YouTube puts video in the palm of a hand	article	journalist	News agency: The Big Eyed Deer	Sebastian Stent	America (North)	64	technology	internet and email	yes
Cape Times	Tuesday 19 June 2007	Times Techno 2	no	Switched On: Backing up data made easy	column	journalist	Cape Times	Andrew Parker	South Africa (general)	105	technology	computers	yes
Cape Times	Tuesday 19 June 2007	Times Techno 2	no	Cutting Edge: Electricity experiment goes wireless	column	journalist	News agency: The Big Eyed Deer	Regardt Voges	America (North)	82	physical sciences	energy (electricity)	yes
Cape Times	Tuesday 19 June 2007	Times Techno 3	no	OLED technology coming soon to super-thin screen near you	article	journalist	News agency: The Big Eyed Deer	Sebastian Stent	America (North)	70	technology	computers	yes
Cape Times	Tuesday 19 June 2007	Times Techno 3	no	Apple shares fall on 'underwhelming' news	article	journalist	News agency: Sapa	no name	America (North)	48	technology	internet and email	yes
Cape Times	Wednesday 20 June 2007	1 and 3	yes	Eskom nuke plan "to cost SA taxpayer R400bn"	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	147	physical sciences	energy (nuclear)	no

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Wednesday 20 June 2007	2	no	Sunken ship leaking fuel	article	journalist	News agency: Reuters	no name	Europe (other)	23	life sciences	environment and pollution	no
Cape Times	Wednesday 20 June 2007	2	no	European Parliament votes to ban cat, dog fur trade	article	journalist	News agency: unnamed	no name	Europe (other)	2	life sciences	animals (pets)	no
Cape Times	Wednesday 20 June 2007	4	no	Essop outlines plans to combat climate change in Western Cape	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	59	earth sciences	climate change	no
Cape Times	Wednesday 20 June 2007	5	no	Pressure to regulate paraffin use among poor as winter bites	article	journalist	Cape Times	Hanna Ingber Win	South Africa (Western Cape)	93	physical sciences	energy (oil and gas)	yes
Cape Times	Wednesday 20 June 2007	5	no	Good company: Warm winter days are perfect for a stroll through the Company's Garden, where the giant maidenhair tree's leaves turn a brilliant gold.	photograph	photographer	Cape Times	Andrew Ingram	South Africa (Western Cape)	2	life sciences	plants	no
Cape Times	Wednesday 20 June 2007	6	no	Spot check on Pollsmoor reveals dismal health service	article	journalist	Cape Times	Sibusiso Ngilwa (Political Bureau)	South Africa (Western Cape)	64	medicine and health	healthcare administration (other)	no
Cape Times	Wednesday 20 June 2007	6	no	Parks infrastructure to get R1bn boost by 2010	article	journalist	News agency: Sapa	no name	South Africa (Northern Cape)	66	life sciences	environment and pollution	no
Cape Times	Wednesday 20 June 2007	6	no	Police forensic labs have a backlog of 6086 samples	article	journalist	News agency: Sapa	no name	South Africa (general)	35	physical sciences	chemistry	no
Cape Times	Wednesday 20 June 2007	6	no	"Workers need own chamber"	article	journalist	Cape Times	Janine Stephen (Political Bureau)	South Africa (general)	30	medicine and health	healthcare administration (other)	no
Cape Times	Wednesday 20 June 2007	6	no	Health firings a constitutional matter - judge	article	journalist	Cape Times	Babalo Ndenze	South Africa (Western Cape)	100	medicine and health	hospital strike	no
Cape Times	Wednesday 20 June 2007	7	no	African toothbrushes are getting the right end of the stick	article	journalist	News agency: Reuters	Pascal Fletcher	Africa	81	medicine and health	other	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Wednesday 20 June 2007	9	no	Climate change will lead to economic revolution	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	245	earth sciences	climate change	yes
Cape Times	Thursday 21 June 2007	1 and 3	no	Number of extreme TB cases in province has shot up in three months	article	journalist	Cape Times	Vusumzi ka Nzapheza	South Africa (Western Cape)	74	medicine and health	diseases and treatments	yes
Cape Times	Thursday 21 June 2007	1	no	Airhead idea to sell World Cup atmosphere banned	article	journalist	Sapa	no name	Asia (Far East and Russia)	30	earth sciences	meteorology	no
Cape Times	Thursday 21 June 2007	2	no	Ghana hails discovery of "black gold" off coast	article	journalist	Reuters	no name	Africa	48	physical sciences	energy (oil and gas)	no
Cape Times	Thursday 21 June 2007	2	no	Heavy rains claim rising number of lives in China	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	3	earth sciences	meteorology	no
Cape Times	Thursday 21 June 2007	2	no	Outcry as Canberra prepares to cull kangaroos	article	journalist	News agency: unnamed	no name	Australasia	4	life sciences	animals (wildlife)	no
Cape Times	Thursday 21 June 2007	3	no	Baboon taken to vet after being found paralysed on farm	article	journalist	Cape Times	Karen Breytenbach	South Africa (Western Cape)	101	life sciences	animals (wildlife)	yes
Cape Times	Thursday 21 June 2007	4	no	High-level nuclear waste to go underground	article	journalist	Sapa	no name	South Africa (general)	118	physical sciences	energy (nuclear)	yes
Cape Times	Thursday 21 June 2007	5	no	Today's solstice marks start of southern winter	article	journalist	Sapa	no name	South Africa (general)	17	physical sciences	astronomy	yes
Cape Times	Thursday 21 June 2007	6	no	"Gross misconduct" leads to suspension of health Seta boss	article	journalist	Health-e News Service	Kerry Cullinan	South Africa (general)	129	medicine and health	healthcare administration (other)	no
Cape Times	Thursday 21 June 2007	6	no	Monsanto to drop "GM is safe" claim until it can prove it	article	journalist	News agency: Sapa	no name	South Africa (general)	42	life sciences	agriculture	no
Cape Times	Thursday 21 June 2007	8	no	Autistic care needed	letter	public	n/a	Natasha Michaels, Cape Town	South Africa (Western Cape)	15	medicine and health	mental health	no
Cape Times	Friday 22 June 2007	1 and 3	no	Gas, diesel shortages "likely to get worse"	article	journalist	Cape Times	Caryn Dolley	South Africa (Western Cape)	80	physical sciences	energy (oil and gas)	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 22 June 2007	1	no	Web words are just not "metiquette"	article	journalist	Sapa	no name	Europe (UK and Ireland)	34	technology	internet and email	no
Cape Times	Friday 22 June 2007	2	no	Owners will not salvage oil-filled wreck	article	journalist	News agency: unnamed	no name	Europe (other)	3	life sciences	environment and pollution	no
Cape Times	Friday 22 June 2007	2	no	Libya, EU to unveil compromise on Aids children	article	journalist	News agency: unnamed	no name	Africa	4	medicine and health	Aids	no
Cape Times	Friday 22 June 2007	2	no	Greek Orthodox leader diagnosed with cancer	article	journalist	News agency: unnamed	no name	Europe (other)	2	medicine and health	diseases and treatments	no
Cape Times	Friday 22 June 2007	2	no	China condemns green hypocrisy of rich nations	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	2	earth sciences	climate change	no
Cape Times	Friday 22 June 2007	3	no	Temper flare in Greyton as only petrol station runs dry	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	27	physical sciences	energy (oil and gas)	no
Cape Times	Friday 22 June 2007	4	no	Pagan fest: Visitors listen to drummers at Stonehenge, southwest England, where thousands waited to see the summer solstice sunrise yesterday.	photograph	photographer	News agency: Associated Press (AP)	no name	Europe (UK and Ireland)	2	physical sciences	astronomy	no
Cape Times	Friday 22 June 2007	4	no	Babies absorb parents' cigarette smoke - study	article	journalist	Reuters	no name	America (North)	62	medicine and health	smoking	yes
Cape Times	Friday 22 June 2007	4	no	Eskom's nuke power plans could bankrupt SA?	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	99	physical sciences	energy (nuclear)	no
Cape Times	Friday 22 June 2007	4	no	Four million-year-old gene makes human species susceptible to HIV, study finds	article	journalist	Sapa	no name	America (North)	84	medicine and health	Aids	yes
Cape Times	Friday 22 June 2007	5	no	Axing of 41 health care workers was in the public's interest, argues state lawyer	article	journalist	Cape Times	Babalo Ndenze	South Africa (Western Cape)	108	medicine and health	hospital strike	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 22 June 2007	5	no	Union accepts 7.5% wage offer	article	journalist	Cape Times	Vusumzi ka Nzapheza, Bonile Ngqiyaza and Sheena Adams	South Africa (general)	110	medicine and health	hospital strike	no
Cape Times	Friday 22 June 2007	6	no	Skull found of warrior believed to be first gunshot victim in the Americas	article	journalist	News agency: Sapa	no name	America (North)	102	earth sciences	palaeontology and archaeology	yes
Cape Times	Friday 22 June 2007	6	no	Paralysed baboon x-rayed, but vets no closer to prognosis	article	journalist	Cape Times	Karen Breytenbach	South Africa (Western Cape)	65	life sciences	animals (wildlife)	no
Cape Times	Friday 22 June 2007	6	no	Teen delivers baby for world record	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	42	medicine and health	healthcare administration (malpractice)	no
Cape Times	Friday 22 June 2007	6	no	Ageing "vulture of the sea" being refurbished in Duncan Dock	article	journalist	Cape Times	Noah Barron	South Africa (Western Cape)	69	physical sciences	energy (oil and gas)	yes
Cape Times	Friday 22 June 2007	7	no	Altruism exists - at least in women	article	journalist	Foreign newspaper: The Independent	Steve Connor	Europe (UK and Ireland)	57	medicine and health	mental health	yes
Cape Times	Friday 22 June 2007	7	no	Kids do sums instinctively	article	journalist	Foreign newspaper: Belfast Telegraph	no name	Europe (UK and Ireland)	24	physical sciences	mathematics	yes
Cape Times	Friday 22 June 2007	8	no	Taxpayers' purse safe	letter	public	n/a	Andrew Kenry, Noordhoek	South Africa (general)	61	physical sciences	energy (nuclear)	yes
Cape Times	Friday 22 June 2007	8	no	"Expert" peddled misleading information on nuclear energy	letter	scientist or specialist	n/a	Tseliso Maqubela, Acting Deputy Director-General: Electricity and Nuclear, Department of Minerals and Energy	South Africa (general)	100	physical sciences	energy (nuclear)	no
Cape Times	Friday 22 June 2007	9	no	Man Friday: How a walk across a Malawian gem brought us face to face with the Cape	column	journalist	Cape Times	Tony Weaver	Africa	145	life sciences	plants	yes

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 22 June 2007	9	no	Look around and see what the real miracles are	article	scientist or specialist	Cape Times	Anwar Suleman Mall (associate professor in surgical research in the Department of Surgery, University of Cape Town)	South Africa (general)	181	science and beliefs	science and religion	yes
Cape Times	Friday 22 June 2007	10	no	Book review: Guide to answer chameleon questions	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	122	life sciences	animals (wildlife)	yes
Cape Times	Monday 25 June 2007	1	no	Warning of stormy seas, snow and wind	article	journalist	Cape Times	Karen Breytenbach	South Africa (Western Cape)	56	earth sciences	meteorology	yes
Cape Times	Monday 25 June 2007	1	no	Fisherman's tale takes some swallowing	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	26	life sciences	animals (marine)	no
Cape Times	Monday 25 June 2007	2	no	228 killed as torrential rains lash Karachi	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	45	earth sciences	meteorology	yes
Cape Times	Monday 25 June 2007	2	no	UN inspectors to check on North Korean nuke plant	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	5	physical sciences	energy (nuclear)	no
Cape Times	Monday 25 June 2007	4	no	Judge to rule on workers' reinstatement	article	journalist	News agency: Sapa	no name	South Africa (Western Cape)	48	medicine and health	hospital strike	no
Cape Times	Monday 25 June 2007	5	no	"SA has poor record on radioactive pollution"	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	91	physical sciences	energy (nuclear)	yes
Cape Times	Monday 25 June 2007	6	no	Khayelitsha's lone animal clinic tends hundreds of thousands	article	journalist	Cape Times	Hanna Ingber Win	South Africa (Western Cape)	69	life sciences	animals (pets)	no
Cape Times	Monday 25 June 2007	6	no	Initiation surgeon held for two deaths	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	23	medicine and health	healthcare administration (malpractice)	no
Cape Times	Monday 25 June 2007	6	no	Baby in serious condition after attack by leopard	article	journalist	News agency: Sapa	no name	South Africa (Free State)	25	life sciences	animals (wildlife)	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Monday 25 June 2007	8	no	SA nuclear power programme's unrealistic assumptions	letter	scientist or specialist	n/a	Professor Steve Thomas, University of Greenwich, London	South Africa (general)	82	physical sciences	energy (nuclear)	yes
Cape Times	Monday 25 June 2007	8	no	Buy nuclear now	letter	scientist or specialist	n/a	John Walmsley, President of the Institution of Nuclear Engineers, South Africa Branch, Simon's Town	South Africa (general)	60	physical sciences	energy (nuclear)	yes
Cape Times	Tuesday 26 June 2007	1	no	Blowing in the wind: Farm workers continued to work the land in Philippi yesterday, enduring torrential rains and gale-force winds	photograph	photographer	Cape Times	Henk Kruger	South Africa (Western Cape)	2	life sciences	agriculture	no
Cape Times	Tuesday 26 June 2007	2	no	World Heritage sites in Benin and Nepal removed from danger list	article	journalist	News agency: Sapa	no name	Africa	84	life sciences	environment and pollution	no
Cape Times	Tuesday 26 June 2007	2	no	Captured soldier speaks on internet	article	journalist	News agency: Reuters	no name	Asia (Middle East and India)	22	technology	internet and email	no
Cape Times	Tuesday 26 June 2007	2	no	Pakistanis evacuate ahead of another cyclone	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	3	earth sciences	meteorology	no
Cape Times	Tuesday 26 June 2007	2	no	Red Cross to treat injured Touareg hostages	article	journalist	News agency: unnamed	no name	Africa	2	medicine and health	other	no
Cape Times	Tuesday 26 June 2007	2	no	Nuclear engineer gets life sentence for spying	article	journalist	News agency: unnamed	no name	Africa	4	physical sciences	energy (nuclear)	no
Cape Times	Tuesday 26 June 2007	3	no	Dozens brave cold to flee their sodden and battered homes	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	100	earth sciences	meteorology	yes
Cape Times	Tuesday 26 June 2007	3	no	Suppliers get diesel and LPG flowing	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	36	physical sciences	energy (oil and gas)	no

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 26 June 2007	5	no	Being overweight might lower risk of falling ill with TB	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	48	medicine and health	diseases and treatments	yes
Cape Times	Tuesday 26 June 2007	5	no	\$2.15bn plan to combat drug-resistant TB launched	article	journalist	Cape Times	Patrick Adams	South Africa (general)	66	medicine and health	diseases and treatments	yes
Cape Times	Tuesday 26 June 2007	6	no	Survey finds "significant drop" in young mums with HIV	article	journalist	News agency: Sapa	no name	South Africa (general)	70	medicine and health	Aids	yes
Cape Times	Tuesday 26 June 2007	Times Life page 2	no	Dark Lunch: Boost the immune system with positive thinking	column	journalist	Cape Times	Suzy Bell	South Africa (Western Cape)	153	science and beliefs	pseudoscience and superstitions	no
Cape Times	Tuesday 26 June 2007	Times Life page 6	no	Gardens: Ignoring dead wood is asking for trouble when gales strike	column	scientist or specialist	Cape Times	Alan Dawson (horticulturist)	South Africa (general)	118	life sciences	plants	yes
Cape Times	Tuesday 26 June 2007	Times Life page 7	no	Health Special: Change of life saves your heart	column	scientist or specialist	Cape Times	Patrick Commerford (Helen and Morris Mauerberger Professor of Cardiology at the University of Cape Town and head of the Cardiac Clinic at Groote Schuur Hospital)	South Africa (general)	161	medicine and health	diseases and treatments	yes
Cape Times	Tuesday 26 June 2007	Times Techno 1	no	iPhone prepares for a place in history	article	journalist	News agency: Sapa	May Wong	America (North)	61	technology	telecommunication	yes
Cape Times	Tuesday 26 June 2007	Times Techno 1	no	Mid-air calls no longer flights of fancy	article	journalist	News agency: Sapa	Adam Plowright	Europe (other)	52	technology	telecommunication	yes
Cape Times	Tuesday 26 June 2007	Times Techno 1	no	Remote control invention can read your thoughts	article	journalist	News agency: Sapa	Hiroko Tabushi	Asia (Far East and Russia)	78	technology	other	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 26 June 2007	Times Techno 1	no	Plan to stream music directly to iPods	article	journalist	News agency: Sapa	no name	America (North)	23	technology	other	no
Cape Times	Tuesday 26 June 2007	Times Techno 1	no	Biggest computer nerds are women	article	journalist	Foreign newspaper: The Independent	no name	Europe (UK and Ireland)	10	technology	computers	yes
Cape Times	Tuesday 26 June 2007	Times Techno 1	no	Crackdown on 'immoral' messages	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	21	technology	telecommunication	no
Cape Times	Tuesday 26 June 2007	Times Techno 2	no	Is this development intelligent or intrusive?	article	journalist	News agency: Sapa	Jordan Robertson	America (North)	90	technology	computers	yes
Cape Times	Tuesday 26 June 2007	Times Techno 2	no	Switched On: How spammers bug e-mail?	column	journalist	Cape Times	Andrew Parker	South Africa (general)	105	technology	internet and email	yes
Cape Times	Tuesday 26 June 2007	Times Techno 2	no	Wireless technology a boon for spies and snoops	article	journalist	News agency: Sapa	Glenn Chapman	America (North)	100	technology	telecommunication	yes
Cape Times	Tuesday 26 June 2007	Times Techno 2	no	Cutting Edge: Full speed ahead comes the flying car	column	journalist	News agency: The Big Eyed Deer	Marcin Modzynski	America (North)	70	technology	other	yes
Cape Times	Tuesday 26 June 2007	Times Techno 3	no	Little black box is more than a gaming console	article	journalist	News agency: The Big Eyed Deer	Marcin Modzynski	America (North)	66	technology	other	yes
Cape Times	Tuesday 26 June 2007	Times Techno 3	no	Google available to offline users	article	journalist	News agency: Reuters	no name	America (North)	44	technology	internet and email	yes
Cape Times	Tuesday 26 June 2007	Times Techno 3	no	Blacklight defies conventional power	article	journalist	News agency: The Big Eyed Deer	Sebastian Stent	America (North)	70	physical sciences	energy (renewable)	yes
Cape Times	Tuesday 26 June 2007	Times Techno 3	no	MySpace gets territorial on videos	article	journalist	Foreign newspaper: Los Angeles Times	Joseph Menn and Alana Semuels	America (North)	49	technology	internet and email	no
Cape Times	Tuesday 26 June 2007	Times Techno 4	no	Video gaming proves it's not just about fun and games	article	journalist	News agency: The Big Eyed Deer	Jozua Malherbe	Europe (UK and Ireland)	88	medicine and health	other	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Wednesday 27 June 2007	1	yes	Fire & Ice: A tale of two weather extremes	article	journalist	Cape Times	Melanie Gosling and Caryn Dolley	South Africa (general)	149	earth sciences	meteorology	yes
Cape Times	Wednesday 27 June 2007	1	no	Hole in one ... arm: water hazard with teeth cuts golfer's round short	article	journalist	News agency: Sapa	no name	America (North)	28	life sciences	animals (wildlife)	no
	Wednesday 27 June 2007	2	no	Heat wave kills 40 in Europe as the UK sees flooding	article	journalist	News agency: Sapa	no name	Europe (other)	64	earth sciences	meteorology	yes
Cape Times	Wednesday 27 June 2007	2	no	Police teargas toxin payout protesters	article	journalist	News agency: Sapa	no name	Africa	36	life sciences	environment and pollution	no
Cape Times	Wednesday 27 June 2007	2	no	Nigeria takes on US drug giant in damages case	article	journalist	News agency: unnamed	no name	Africa	5	medicine and health	diseases and treatments	no
Cape Times	Wednesday 27 June 2007	2	no	Galapagos Islands on Unesco danger list	article	journalist	News agency: unnamed	no name	America (Central and South)	2	life sciences	environment and pollution	no
Cape Times	Wednesday 27 June 2007	2	no	Cyclone Yemmyin slams into Pakistan, six dead	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	2	earth sciences	meteorology	no
Cape Times	Wednesday 27 June 2007	3	no	Grindrod opposes council proposal to withhold R45m in funding from TMNP	article	journalist	Cape Times	Anel Powell (Metro Writer)	South Africa (Western Cape)	47	life sciences	environment and pollution	no
Cape Times	Wednesday 27 June 2007	3	no	Internet use soars 120% as cyber revolution sweeps SA	article	journalist	Cape Times	Emily Millen	South Africa (general)	28	technology	internet and email	no
Cape Times	Wednesday 27 June 2007	4	no	Province told to restore Khayelitsha health services	article	journalist	Cape Times	Babalo Ndenze	South Africa (Western Cape)	59	medicine and health	hospital strike	no
Cape Times	Wednesday 27 June 2007	8	no	Consumer Watch: Cellphone content provider hits customers with hefty data bills	article	journalist	Cape Times	Wendy Knowler	South Africa (general)	119	technology	telecommunication	no
Cape Times	Wednesday 27 June 2007	8	no	Stress ups heart attack risk	article	journalist	News agency: Reuters	no name	America (North)	48	medicine and health	diseases and treatments	yes
Cape Times	Wednesday 27 June 2007	9	no	Fight the common cold naturally	article	journalist	Foreign newspaper: The Independent	Steve Connor	Europe (UK and Ireland)	143	medicine and health	diseases and treatments	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Wednesday 27 June 2007	9	no	Bad news filtering through on "wonder drug" caffeine	article	journalist	Foreign newspaper: Los Angeles Times	Imily Sohn	America (North)	122	medicine and health	nutrition	yes
Cape Times	Wednesday 27 June 2007	10	no	Health workers' crisis	letter	scientist or specialist	n/a	Professor Louis Reynolds and Professor David Sanders, The People's Health Movement	South Africa (general)	91	medicine and health	hospital strike	no
Cape Times	Wednesday 27 June 2007	11	no	Port Pouri: Semi-submersible vessels finally showing their worth as seas' mighty servants	column	scientist or specialist	Cape Times	Brian Ingpen	Africa	166	physical sciences	physics	yes
Cape Times	Thursday 28 June 2007	1	yes	Wild weather bites: Heavy snowfalls wreak havoc across country	article	journalist	Cape Times	Caryn Dolley	South Africa (general)	102	earth sciences	meteorology	yes
Cape Times	Thursday 28 June 2007	1	no	Man needs this marriage like a hole in the head	article	journalist	News agency: Reuters	no name	America (North)	33	medicine and health	other	no
Cape Times	Thursday 28 June 2007	1	no	Crack of Dawn: "Latest indications suggest the strike has been put on ice"	cartoon	cartoonist	Cape Times	Tony Grogan	South Africa (general)	none	earth sciences	meteorology	no
Cape Times	Thursday 28 June 2007	2	no	Ancient Egypt's woman pharaoh identified	article	journalist	News agency: Sapa	no name	Africa	46	earth sciences	palaeontology and archaeology	yes
Cape Times	Thursday 28 June 2007	2	no	Two hospitals charged with dumping homeless patients	article	journalist	News agency: Sapa	no name	America (North)	68	medicine and health	healthcare administration (malpractice)	no
Cape Times	Thursday 28 June 2007	2	no	Kilt wearers may have to license sporrans	article	journalist	News agency: unnamed	no name	Europe (UK and Ireland)	5	life sciences	animals (wildlife)	no
Cape Times	Thursday 28 June 2007	2	no	Death toll climbs to 62 in wake of Cyclone Yemyin	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	4	earth sciences	meteorology	no
Cape Times	Thursday 28 June 2007	3	no	Heavy snowfalls traps hundreds on roads	article	journalist	Cape Times	Caryn Dolley	South Africa (general)	96	earth sciences	meteorology	yes
Cape Times	Thursday 28 June 2007	3	no	38 homeless after fire guts Salvation Army refuge	article	journalist	News agency: Sapa	no name	South Africa (Northern Cape)	51	earth sciences	meteorology	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Thursday 28 June 2007	3	no	Freeze could lead to power blackouts	article	journalist	News agency: Sapa	no name	South Africa (general)	20	physical sciences	energy (electricity)	no
Cape Times	Thursday 28 June 2007	4	no	Pornographic SMSes spew "lewd, horrible stuff" over landlines	article	journalist	Cape Times	Caroline Duncan	South Africa (Western Cape)	70	technology	telecommunication	no
Cape Times	Thursday 28 June 2007	5	no	TAC may ask court to halt health budget cuts	article	journalist	Cape Times	Babalo Ndenze	South Africa (Western Cape)	96	medicine and health	healthcare administration (other)	no
Cape Times	Thursday 28 June 2007	6	no	A year later and no one prosecuted for disturbing ancient site	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	97	earth sciences	palaeontology and archaeology	no
Cape Times	Thursday 28 June 2007	8	no	Alien opinion	letter	public	n/a	Ken Keel, Kirstenhof	South Africa (Western Cape)	40	life sciences	plants	yes
Cape Times	Thursday 28 June 2007	8	no	Zapiro: Thabo Mbeki's Fit to Govern: In this chapter I prove that President Mbeki was never an Aids denialist	cartoon	cartoonist	Cape Times	Zapiro	South Africa (general)	none	medicine and health	Aids	no
Cape Times	Thursday 28 June 2007	9	no	Inside Out: The perception of colour is all in the mind, and the world is actually brown	column	scientist or specialist	Cape Times	Dr Wilmot James, chief executive of the Africa Genome Education Institution and UCT honorary professor in the Division of Human Genetics	South Africa (general)	121	medicine and health	other	yes
Cape Times	Thursday 28 June 2007	9	no	The government must resolve the healthcare crisis	article	scientist or specialist	Cape Times	Nathan Green, Paymon Ebrahimzadeh and Zackie Achmat, Treatment Action Campaign	South Africa (general)	141	medicine and health	hospital strike	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Thursday 28 June 2007	9	no	Civil servants need a broader vision	article	scientist or specialist	Cape Times	Leslie Mxolisi Dikeni, associate researcher at the Centre for International Political Studies, University of Pretoria	South Africa (general)	206	medicine and health	hospital strike	no
Cape Times	Friday 29 June 2007	1	no	Superstitious council runs number game	article	journalist	News agency: Ananova.com	no name	Europe (UK and Ireland)	12	science and beliefs	pseudoscience and superstitions	no
Cape Times	Friday 29 June 2007	1	no	Cocky cockerel wins crowing rights	article	journalist	News agency: Reuters	no name	Europe (other)	12	life sciences	animals (farm)	no
Cape Times	Friday 29 June 2007	2	no	Confused filly: ... zebra and horse crossbreed ...	photograph	photographer	News agency: Associated Press (AP)	no name	Europe (other)	3	life sciences	animals (wildlife)	yes
Cape Times	Friday 29 June 2007	2	no	Egypt closes legal loophole on girl circumcision	article	journalist	News agency: unnamed	no name	Africa	7	medicine and health	healthcare administration (malpractice)	no
Cape Times	Friday 29 June 2007	2	no	Aid dropped to flood-hit Pakistanis	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	4	earth sciences	meteorology	no
Cape Times	Friday 29 June 2007	2	no	Helicopters pluck 100 to safety in Afghanistan	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	3	earth sciences	meteorology	no
Cape Times	Friday 29 June 2007	4	no	New vehicles spark hope in beleaguered firefighting service	article	journalist	Cape Times	Caryn Dolley	South Africa (Western Cape)	61	life sciences	environment and pollution	no
Cape Times	Friday 29 June 2007	4	no	Best-case prediction is for one million Aids-related deaths in three years	article	journalist	News agency: Sapa	no name	South Africa (general)	40	medicine and health	Aids	yes
Cape Times	Friday 29 June 2007	5	no	Axed nurses to be reinstated in their jobs - but are to be given final warnings	article	journalist	Cape Times	no name	South Africa (general)	59	medicine and health	hospital strike	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 29 June 2007	6	no	The morning after: Guests at the Tiffindell ski resort north of Rhodes in the Eastern Cape woke yesterday morning to brilliant sunshine - and an Alpine landscape.	photograph	photographer	News agency: unnamed	Michael Clarke	South Africa (Eastern Cape)	4	earth sciences	meteorology	yes
Cape Times	Friday 29 June 2007	7	no	World heritage status is tribute to the Name people	article	journalist	Cape Times	Staff Writer	South Africa (Northern Cape)	93	life sciences	environment and pollution	no
Cape Times	Friday 29 June 2007	8	no	Consumer Watch: Just the berries ... or apples and pears	article	journalist	Cape Times	Wendy Knowler	South Africa (general)	72	medicine and health	nutrition	no
Cape Times	Friday 29 June 2007	8	no	Survival rate up	article	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	35	medicine and health	diseases and treatments	yes
Cape Times	Friday 29 June 2007	9	no	Book review: Poet's work revels in creative power of words	article	journalist	Cape Times	Evelyn Holtzhauzen	South Africa (general)	93	earth sciences	water	no
Cape Times	Friday 29 June 2007	10	no	Pride of place	editorial comment	journalist	Cape Times	Tyrone August (Cape Times Editor)	South Africa (Northern Cape)	47	life sciences	environment and pollution	yes
Cape Times	Friday 29 June 2007	10	no	There's nothing like a networking site to help you face facts	column	journalist	Cape Times	Anel Powell (Metro Writer)	South Africa (general)	72	technology	internet and email	no
Cape Times	Friday 29 June 2007	10	no	Green energy best	letter	public	n/a	Louis de Villiers, Observatory	South Africa (general)	68	physical sciences	energy (nuclear)	no
Cape Times	Friday 29 June 2007	10	no	A lot of gassy hot air	letter	public	n/a	Steve Thomas, Pinelands	South Africa (Western Cape)	44	physical sciences	energy (oil and gas)	no
Cape Times	Friday 29 June 2007	Top of the Times page 4	no	Vitamin D supplement peps up seniors	article	journalist	News agency: Reuters	no name	America (North)	24	medicine and health	nutrition	yes

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 29 June 2007	Top of the Times page 5	no	DVD review: Gore's eco-epic is a winner	article	journalist	Cape Times	Jane Mayne	America (North)	41	earth sciences	climate change	yes
Cape Times	Monday 2 July 2007	1 and 3	no	Thousands risk TB at Pollsmoor - claim	article	journalist	Cape Times	Patrick Adams	South Africa (Western Cape)	145	medicine and health	healthcare administration (other)	yes
Cape Times	Monday 2 July 2007	2	no	"Billions may suffer from West's lifestyle"	article	journalist	News agency: Sapa	no name	Africa	60	earth sciences	climate change	yes
Cape Times	Monday 2 July 2007	2	no	30 die in Pakistan floods	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	4	earth sciences	meteorology	no
Cape Times	Monday 2 July 2007	2	no	Namibia plans huge seal cull to save fishing industry	article	journalist	News agency: unnamed	no name	Africa	5	life sciences	animals (marine)	no
Cape Times	Monday 2 July 2007	2	no	Smoking banned in England's public buildings	article	journalist	News agency: unnamed	no name	Europe (UK and Ireland)	2	medicine and health	smoking	no
Cape Times	Monday 2 July 2007	2	no	Oil spill from stranded Australian ship	article	journalist	News agency: unnamed	no name	Australasia	3	life sciences	environment and pollution	no
Cape Times	Monday 2 July 2007	3	no	City mum on findings of Orange Kloof probe	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	50	life sciences	plants	yes
Cape Times	Monday 2 July 2007	3	no	Generous donations to storm victims	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	18	earth sciences	meteorology	no
Cape Times	Monday 2 July 2007	3	no	City debates what to do with Athlone's twin towers	article	journalist	Cape Times	Anel Powell (Metro Writer)	South Africa (Western Cape)	80	life sciences	environment and pollution	no
Cape Times	Monday 2 July 2007	4	no	Eskom plans to minimise interruptions to service should strike go ahead	article	journalist	Cape Times	Noah Barron	South Africa (general)	50	physical sciences	energy (electricity)	no
Cape Times	Monday 2 July 2007	5	no	Dismissed healthcare workers back at work	article	journalist	Cape Times	Babalo Ndenze	South Africa (Western Cape)	50	medicine and health	hospital strike	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Monday 2 July 2007	5	no	Generation of Aids orphans losing out on education	article	journalist	Cape Times	Angelique Serrao	South Africa (general)	82	medicine and health	Aids	no
Cape Times	Monday 2 July 2007	5	no	Nuclear waste workshop in city	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	20	physical sciences	energy (nuclear)	no
Cape Times	Monday 2 July 2007	8	no	Sam and the City: Everybody in Cape's cold winter deserves to get a little toasty	column	journalist	Cape Times	Samantha Bartlett	South Africa (Western Cape)	96	earth sciences	meteorology	no
Cape Times	Monday 2 July 2007	8	no	Horror animal abuse	letter	public	n/a	Toni Brockhoven, Milneron	South Africa (general)	39	life sciences	animals (pets)	no
Cape Times	Monday 2 July 2007	8	no	Check your bread	letter	public	n/a	Denoon Sieg, Noordhoek	South Africa (general)	25	medicine and health	food and product safety	yes
Cape Times	Monday 2 July 2007	8	no	Gore's no expert	letter	public	n/a	Keith Bryer, Kalk Bay	America (North)	36	earth sciences	climate change	yes
Cape Times	Tuesday 3 July 2007	2	no	World failing in efforts to cut hunger and child deaths	article	journalist	News agency: Sapa	no name	Africa	104	medicine and health	Aids	yes
Cape Times	Tuesday 3 July 2007	2	no	One billion will die from smoking if governments don't act, says WHO	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	64	medicine and health	smoking	yes
Cape Times	Tuesday 3 July 2007	2	no	Israeli nuclear whistleblower sent back to jail	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	31	physical sciences	energy (nuclear)	no
Cape Times	Tuesday 3 July 2007	2	no	New Ugandan law bins plastic bags	article	journalist	News agency: Reuters	no name	Africa	25	life sciences	environment and pollution	no
Cape Times	Tuesday 3 July 2007	2	no	Million Pakistanis left homeless by floods need aid	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	4	earth sciences	meteorology	yes
Cape Times	Tuesday 3 July 2007	3	no	Lab breakthrough keeps hopes of becoming mothers alive for young girls with cancer	article	journalist	News agency: Sapa	no name	Africa	104	medicine and health	diseases and treatments	yes
Cape Times	Tuesday 3 July 2007	3	no	SANParks staff to go on strike	article	journalist	News agency: Sapa	no name	South Africa (general)	36	life sciences	environment and pollution	no



Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

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Cape Times	Tuesday 3 July 2007	3	no	Withdrawal of defective brake fluid ordered by SABS	article	journalist	News agency: Sapa	no name	South Africa (general)	27	physical sciences	chemistry	yes
Cape Times	Tuesday 3 July 2007	4	no	EU trawlers "sneaking in to poach fish in SA waters"	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	77	life sciences	animals (marine)	no
Cape Times	Tuesday 3 July 2007	4	no	Geologists conference to rock in Stellenbosch	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	50	earth sciences	geology	yes
Cape Times	Tuesday 3 July 2007	5	no	Focus on combating hazards of nuclear waste	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	80	physical sciences	energy (nuclear)	yes
Cape Times	Tuesday 3 July 2007	5	no	Six more youths lose their penises after circumcisions	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	42	medicine and health	healthcare administration (malpractice)	no
Cape Times	Tuesday 3 July 2007	5	no	Owner faces charge over hanged dog	article	journalist	Cape Times	Caroline Duncan	South Africa (Western Cape)	24	life sciences	animals (pets)	no
Cape Times	Tuesday 3 July 2007	6	no	No parental consent needed: New law lets children over twelve test for HIV	article	journalist	Cape Times	Noah Barron	South Africa (general)	109	medicine and health	Aids	no
Cape Times	Tuesday 3 July 2007	6	no	Humanity must respect "wholeness of nature", warns expert	article	journalist	Cape Times	Tony Carnie	South Africa (KwaZulu-Natal)	70	life sciences	environment and pollution	no
Cape Times	Tuesday 3 July 2007	6	no	Minister spells out threat posed by climate change in SA	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	48	earth sciences	climate change	yes
Cape Times	Tuesday 3 July 2007	10	no	Nuclear questions	editorial comment	journalist	Cape Times	Tyrone August (Cape Times Editor)	South Africa (general)	44	physical sciences	energy (nuclear)	yes
Cape Times	Tuesday 3 July 2007	Times Life page 3	no	In-store ATMs making cash convenient for customers: Overseas one does not have to go very far to find an ATM	article	journalist	Cape Times	Dominique Herman	South Africa (Western Cape)	179	technology	other	no

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Cape Times	Tuesday 3 July 2007	Times Life page 6	no	Health Special: Curb rheumatic heart disease	column	scientist or specialist	Cape Times	Mpiko Ntsekhe (cardiologist) and Bongani Mayosi (cardiologist and professor and head of the Department of Medicine, Groote Schuur Hospital and the University of Cape Town)	South Africa (Western Cape)	183	medicine and health	diseases and treatments	yes
Cape Times	Tuesday 3 July 2007	Times Life page 7	no	Gardens: Both common and rare highlighted in Arbor Week	column	scientist or specialist	Cape Times	Alan Dawson (horticulturist)	South Africa (Western Cape)	112	life sciences	plants	yes
Cape Times	Tuesday 3 July 2007	Times Techno 1	no	Pretty fly for a tiny guy	photograph	photographer	News agency: Reuters	no name	Asia (Far East and Russia)	10	technology	other	no
Cape Times	Tuesday 3 July 2007	Times Techno 1	no	iPhone a sellout in Apple's US stores	article	journalist	Foreign newspaper: Los Angeles Times	Josh Friedman and Ronald D White	America (North)	113	technology	telecommunication	no
Cape Times	Tuesday 3 July 2007	Times Techno 1	no	Boston group to bankroll space tourism venture	article	journalist	News agency: Sapa	Alicia Chang	America (North)	63	physical sciences	astronomy	no
Cape Times	Tuesday 3 July 2007	Times Techno 1	no	Amazon offers soap download	article	journalist	News agency: Sapa	no name	America (North)	20	technology	internet and email	no
Cape Times	Tuesday 3 July 2007	Times Techno 1	no	Taste of home for astronauts	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	22	physical sciences	astronomy	no
Cape Times	Tuesday 3 July 2007	Times Techno 1	no	Touchy-feely system unveiled	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	13	technology	other	yes
Cape Times	Tuesday 3 July 2007	Times Techno 2	no	Clever way to get around town	article	journalist	News agency: The Big Eyed Deer	Sebastian Stent	Europe (other)	68	physical sciences	energy (renewable)	yes

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Cape Times	Tuesday 3 July 2007	Times Techn o 2	no	Switched On: Filtering and reducing e-mail spam and scams	column	journalist	Cape Times	Andrew Parker	South Africa (general)	108	technology	internet and email	yes
Cape Times	Tuesday 3 July 2007	Times Techn o 2	no	Cutting Edge: Futuristic skyscraper greenhouses	column	journalist	News agency: The Big Eyed Deer	Regardt Voges	America (North)	90	life sciences	agriculture	yes
Cape Times	Tuesday 3 July 2007	Times Techn o 3	no	Crafty memory sticks create jobs	article	journalist	Cape Times	Leonard Shapiro	South Africa (Northern Cape)	65	technology	computers	no
Cape Times	Tuesday 3 July 2007	Times Techn o 3	no	Mega-scopes keep a closer eye on the heavens	article	journalist	News agency: The Big Eyed Deer	Sebastian Stent	South Africa (Northern Cape)	80	physical sciences	astronomy	yes
Cape Times	Tuesday 3 July 2007	Times Techn o 3	no	Apple editing suite a cut above the rest	article	journalist	News agency: The Big Eyed Deer	Regardt Voges	America (North)	76	technology	computers	yes
Cape Times	Tuesday 3 July 2007	Times Techn o 3	no	Try a lemon-scented tomato	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	10	life sciences	agriculture	yes
Cape Times	Tuesday 3 July 2007	Times Techn o 4	no	Big internet domain name test	article	journalist	News agency: Sapa	Anick Jesdanun	America (North)	78	technology	internet and email	yes
Cape Times	Tuesday 3 July 2007	Times Techn o 4	no	Video games more than harmless fun	article	journalist	News agency: Reuters	Lindsey Tanner	America (North)	119	medicine and health	mental health	yes
Cape Times	Wednesday 4 July 2007	1	no	City asked to use water sparingly as new dam comes on stream	article	journalist	Cape Times	Karen Breytenbach	South Africa (Western Cape)	42	earth sciences	water	yes
Cape Times	Wednesday 4 July 2007	1	no	Crack of Dawn: "What I really enjoy about Wimbledon is its great traditions ... like strawberries and rain."	cartoon	cartoonist	Cape Times	Tony Grogan	Europe (UK and Ireland)	none	earth sciences	meteorology	no
Cape Times	Wednesday 4 July 2007	2	no	Five die in gas-filled pit of manure	article	journalist	News agency: Sapa	no name	America (North)	22	life sciences	agriculture	no
Cape Times	Wednesday 4 July 2007	2	no	North Korea agrees to nuclear surveillance	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	3	physical sciences	energy (nuclear)	no

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Wednesday 4 July 2007	3	no	SA nuke body confirms power stations would cost up to R400bn - but Eskom zips lips	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	102	physical sciences	energy (nuclear)	yes
Cape Times	Wednesday 4 July 2007	3	no	SANParks gears up for strike	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	54	life sciences	environment and pollution	no
Cape Times	Wednesday 4 July 2007	3	no	"No figure" for surgery waiting list	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	54	medicine and health	hospital strike	yes
Cape Times	Wednesday 4 July 2007	5	no	Children's Act provisions contradict law, says Child Welfare	article	journalist	News agency: Sapa	no name	South Africa (general)	96	medicine and health	Aids	no
Cape Times	Wednesday 4 July 2007	6	no	Judge accuses MCC of obstructing research into HIV	article	journalist	News agency: Sapa	no name	South Africa (KwaZulu-Natal)	68	medicine and health	Aids	yes
Cape Times	Wednesday 4 July 2007	6	no	Aquaculture talks under way	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	38	life sciences	animals (marine)	no
Cape Times	Wednesday 4 July 2007	6	no	Fertility is declining - Stats SA	article	journalist	News agency: Sapa	no name	South Africa (general)	32	medicine and health	other	yes
Cape Times	Wednesday 4 July 2007	8	no	Zapiro: And as for global warming, there's no hard evidence	cartoon	cartoonist	Cape Times	Zapiro	America (North)	none	earth sciences	climate change	no
Cape Times	Wednesday 4 July 2007	8	no	Help needed to free rural masses from hunger and poverty	letter	public	n/a	Nqabayomzi Kwankwa, Gugulethu	South Africa (general)	113	life sciences	agriculture	no
Cape Times	Wednesday 4 July 2007	8	no	I'm a Gore believer	letter	public	n/a	David Bosman, Rondebosch	America (North)	55	earth sciences	climate change	yes
Cape Times	Thursday 5 July 2007	1	no	Now SA recruits Tunisian doctors	article	journalist	News agency: Reuters	no name	South Africa (general)	59	medicine and health	healthcare administration (other)	no
Cape Times	Thursday 5 July 2007	1	no	Deer give rangers the dope on dagga farm	article	journalist	News agency: Ananova.com	no name	Europe (other)	14	life sciences	animals (wildlife)	no
Cape Times	Thursday 5 July 2007	2	no	Villagers boil "healing" soup from crushed dinosaur bones	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	56	earth sciences	palaeontology and archaeology	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Thursday 5 July 2007	2	no	Earthquake hits central Iran	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	3	earth sciences	geology	no
Cape Times	Thursday 5 July 2007	3	no	Man dies after "error" with power line	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	56	physical sciences	energy (electricity)	yes
Cape Times	Thursday 5 July 2007	3	no	Staff strike won't have an effect on visitors, says SANParks	article	journalist	News agency: Sapa	no name	South Africa (general)	56	life sciences	environment and pollution	no
Cape Times	Thursday 5 July 2007	3	no	Dark nibble a day keeps the doctor away	article	journalist	News agency: Reuters	no name	America (North)	21	medicine and health	nutrition	yes
Cape Times	Thursday 5 July 2007	3	no	Unions to meet health minister in bid to make peace	article	journalist	Cape Times	Siyabonga Mkhwanazi (Political Bureau)	South Africa (general)	69	medicine and health	hospital strike	no
Cape Times	Thursday 5 July 2007	4	no	SA consults China, India on traditional medicines	article	journalist	Cape Times	Wendy Jasson da Costa (Political Bureau)	South Africa (general)	66	medicine and health	other	no
Cape Times	Thursday 5 July 2007	4	no	Regulator refutes safety concerns on the managing of nuclear waste	article	journalist	News agency: Sapa	no name	South Africa (general)	40	physical sciences	energy (nuclear)	yes
Cape Times	Thursday 5 July 2007	5	no	eNatis website is hacked - report	article	journalist	News agency: Sapa	no name	South Africa (Gauteng)	27	technology	computers	no
Cape Times	Thursday 5 July 2007	5	no	Mixed reception as law gives 12-year-olds access to condoms	article	journalist	Cape Times	Natasha Joseph	South Africa (general)	139	medicine and health	Aids	no
Cape Times	Thursday 5 July 2007	6	no	Pet owners told to check under bonnets after kitten put down	article	journalist	Cape Times	Caroline Duncan	South Africa (Western Cape)	41	life sciences	animals (pets)	no
Cape Times	Thursday 5 July 2007	6	no	New rule for mortuaries sees cornea donations fall	article	journalist	Cape Times	Patrick Adams	South Africa (general)	121	medicine and health	other	yes
Cape Times	Thursday 5 July 2007	6	no	Indian wannabee teen surgeon surrenders	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	28	medicine and health	healthcare administration (malpractice)	no
Cape Times	Thursday 5 July 2007	8	no	Overfishing problem	letter	public	n/a	J van Zyl, Cape Town	South Africa (general)	40	life sciences	animals (marine)	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 6 July 2007	1 and 3	yes	Heavy metal scare hits SA fruit	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Eastern Cape)	184	life sciences	agriculture	yes
Cape Times	Friday 6 July 2007	1	no	Public strike deal finally signed	article	journalist	Cape Times	Wendy Jasson da Costa and Angela Quintal (Political Bureau)	South Africa (general)	54	medicine and health	hospital strike	no
Cape Times	Friday 6 July 2007	1	no	My word! Men as chatty as women	article	journalist	News agency: Reuters	no name	America (North)	14	medicine and health	mental health	yes
Cape Times	Friday 6 July 2007	2	no	Paws for thought: Keeper Thomas Doerflein plays with polar bear cub Knut in his outdoor enclosure in the Berlin Zoo yesterday	photograph	photographer	News agency: Associated Press (AP)	no name	Europe (other)	3	life sciences	animals (marine)	no
Cape Times	Friday 6 July 2007	2	no	State of emergency declared after tornadoes	article	journalist	News agency: unnamed	no name	Australasia	3	earth sciences	meteorology	no
Cape Times	Friday 6 July 2007	4	no	Hacked eNatis site "contained no vital data"	article	journalist	Cape Times	Noah Barron	South Africa (general)	55	technology	computers	no
Cape Times	Friday 6 July 2007	5	no	Court victory for animal welfare	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	34	life sciences	animals (wildlife)	no
Cape Times	Friday 6 July 2007	6	no	Food allergies go global	article	journalist	News agency: Sapa	no name	Europe (other)	20	medicine and health	diseases and treatments	no
Cape Times	Friday 6 July 2007	6	no	Metalworkers to strike	article	journalist	News agency: unnamed	no name	South Africa (general)	18	earth sciences	geology	no
Cape Times	Friday 6 July 2007	6	no	SANParks to negotiate with union only once it is fully representative	article	journalist	Cape Times	Caroline Duncan	South Africa (general)	67	life sciences	environment and pollution	no
Cape Times	Friday 6 July 2007	7	no	Adolescent skinfold thickness can predict an adult's weight	article	journalist	News agency: Reuters	no name	America (North)	12	medicine and health	other	yes
Cape Times	Friday 6 July 2007	8	no	Early risers: Farm workers busy themselves in lavender fields in Franschhoek on a clear winter's morning	photograph	photographer	Cape Times	Sophia Stander	South Africa (Western Cape)	1	life sciences	agriculture	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 6 July 2007	8	no	Peaks for the people	letter	public	n/a	William Selway Robson, Noordhoek	South Africa (Western Cape)	51	life sciences	environment and pollution	no
Cape Times	Friday 6 July 2007	8	no	No, says SPCA	letter	public	n/a	Essie Moses, Observatory	South Africa (Western Cape)	41	life sciences	animals (pets)	no
Cape Times	Friday 6 July 2007	8	no	Nuclear madness	letter	public	n/a	Glenn Ashton, Noordhoek	South Africa (general)	61	physical sciences	energy (nuclear)	no
Cape Times	Friday 6 July 2007	9	no	Discovering Africa's age-old iron smelting secrets	article	scientist or specialist	Cape Times	Shadreck Chirikuro, lecturer in the Department of Archaeology at the University of Cape Town	South Africa (general)	327	earth sciences	palaeontology and archaeology	yes
Cape Times	Friday 6 July 2007	16	no	Book review: Perceiving the natural energies around us	article	journalist	Cape Times	Jane Mayne	South Africa (Western Cape)	63	science and beliefs	pseudoscience and superstitions	yes
Cape Times	Friday 6 July 2007	Top of the Times page 16	no	On the trail of the wild horses of the shimmering Namib	article	journalist	Cape Times	Graham Howe	Africa	225	life sciences	animals (wildlife)	yes
Cape Times	Monday 9 July 2007	1 and 4	yes	ARVs for rape victims under threat	article	journalist	Cape Times	Natasha Joseph	South Africa (general)	163	medicine and health	Aids	no
Cape Times	Monday 9 July 2007	1	no	100 million voters choose the seven "new" wonders of world	article	journalist	News agency: Sapa	no name	Europe (other)	44	earth sciences	palaeontology and archaeology	no
Cape Times	Monday 9 July 2007	2	no	Two runners gored as Pamplona bulls lose their way	article	journalist	News agency: Sapa	no name	Europe (other)	72	life sciences	animals (farm)	no
Cape Times	Monday 9 July 2007	2	no	Pakistan landslides kill 23	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	2	earth sciences	meteorology	no
Cape Times	Monday 9 July 2007	2	no	Kenya steps up poaching crackdown	article	journalist	News agency: unnamed	no name	Africa	3	life sciences	animals (wildlife)	no
Cape Times	Monday 9 July 2007	2	no	Namibian government defends seal hunt	article	journalist	News agency: unnamed	no name	Africa	4	life sciences	animals (marine)	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Monday 9 July 2007	3	no	Men held "may have links with poaching ring"	article	journalist	Cape Times	Caryn Dolley	South Africa (Western Cape)	31	life sciences	animals (marine)	no
Cape Times	Monday 9 July 2007	6	no	Concert fails to bring global warming message home to Africa	article	journalist	News agency: Sapa	no name	South Africa (Gauteng)	84	earth sciences	climate change	yes
Cape Times	Monday 9 July 2007	6	no	Rocking the world to cut our carbon footprints	article	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	59	earth sciences	climate change	no
Cape Times	Monday 9 July 2007	8	no	Surviving rape	editorial comment	journalist	Cape Times	Tyrone August (Cape Times Editor)	South Africa (general)	41	medicine and health	Aids	no
Cape Times	Monday 9 July 2007	8	no	Global solutions	editorial comment	journalist	Foreign newspaper: The Independent	The Independent Editor	Europe (UK and Ireland)	42	earth sciences	climate change	no
Cape Times	Monday 9 July 2007	8	no	SPCA rules careful	letter	scientist or specialist	n/a	Allan Perrins, CEO, Cape of Good Hope SPCA	South Africa (Western Cape)	57	life sciences	animals (pets)	no
Cape Times	Monday 9 July 2007	8	no	Limited budget	letter	scientist or specialist	n/a	Charles Cooper, Acting Media Manager, City of Cape Town	South Africa (Western Cape)	19	life sciences	environment and pollution	no
Cape Times	Monday 9 July 2007	8	no	Switch off the lights	letter	public	n/a	Mark Brajtmann, Sea Point	South Africa (Western Cape)	5	physical sciences	energy (electricity)	no
Cape Times	Tuesday 10 July 2007	1	no	No bull... women want own cow run	article	journalist	News agency: Reuters	no name	Europe (other)	34	life sciences	animals (farm)	no
Cape Times	Tuesday 10 July 2007	2	no	Stolen lion rescued in Hamas raid	article	journalist	News agency: Reuters	no name	Asia (Middle East and India)	42	life sciences	animals (wildlife)	no
Cape Times	Tuesday 10 July 2007	2	no	Knut to "go his own way" as zoo ends show	article	journalist	News agency: Sapa	no name	Europe (other)	37	life sciences	animals (wildlife)	no
Cape Times	Tuesday 10 July 2007	2	no	China gets tough after damaging tainted food scares	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	108	medicine and health	food and product safety	yes
Cape Times	Tuesday 10 July 2007	2	no	Chinese leader calls on nation to tackle pollution	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	3	life sciences	environment and pollution	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 10 July 2007	2	no	Tanzanian poachers arrested in Kenyan park	article	journalist	News agency: unnamed	no name	Africa	4	life sciences	animals (wildlife)	no
Cape Times	Tuesday 10 July 2007	3	no	Consumers go fishing - seafood line gets 11 000 queries about endangered food	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	89	life sciences	animals (marine)	yes
Cape Times	Tuesday 10 July 2007	3	no	Chairperson's departure adds to woes of CapeNature	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	73	life sciences	environment and pollution	no
Cape Times	Tuesday 10 July 2007	6	no	Rare True Beaked whales beach and die near Knysna	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	61	life sciences	animals (marine)	yes
Cape Times	Tuesday 10 July 2007	6	no	Residents fed-up over power cut in Philippi	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	94	physical sciences	energy (electricity)	no
Cape Times	Tuesday 10 July 2007	6	no	Beginning of end for container ship that cost SA firms R500m	article	journalist	Cape Times	Staff Writer	Europe (UK and Ireland)	68	life sciences	environment and pollution	yes
Cape Times	Tuesday 10 July 2007	6	no	EU bans "sunblock" from labels	article	journalist	Reuters	no name	Europe (other)	50	medicine and health	other	yes
Cape Times	Tuesday 10 July 2007	7	no	MEC to decide fate of killer lions "after studying report on boy's death"	article	journalist	News agency: Sapa	no name	South Africa (North West)	54	life sciences	animals (wildlife)	no
Cape Times	Tuesday 10 July 2007	7	no	Chinese cats have one more life thanks to internet	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	31	life sciences	animals (pets)	no
Cape Times	Tuesday 10 July 2007	8	no	Consumer Watch: Revolutionary news for little feet	article	journalist	Cape Times	Wendy Knowler	South Africa (general)	194	medicine and health	other	yes
Cape Times	Tuesday 10 July 2007	8	no	Hints for a healthy week	article	journalist	Foreign newspaper: Irish Independent	no name	Europe (UK and Ireland)	65	medicine and health	other	yes

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Cape Times	Tuesday 10 July 2007	10	no	Nuclear is the way to go	letter	scientist or specialist	n/a	John Wamsley, President of the Institution of Nuclear Engineers, South Africa Branch, Simon's Town	South Africa (general)	34	physical sciences	energy (nuclear)	yes
Cape Times	Tuesday 10 July 2007	10	no	P.S.: No other country can claim a hole as wonderful as ours	column	journalist	Cape Times	John Scott	South Africa (Northern Cape)	81	earth sciences	geology	no
Cape Times	Tuesday 10 July 2007	Times Life page 2	no	Take the gap ... a painful passion for fashion	article	journalist	Cape Times	Noah Barron	South Africa (Western Cape)	168	medicine and health	other	no
Cape Times	Tuesday 10 July 2007	Times Life page 7	no	Gardens: Pure white gardens evoke special, yet varied, atmosphere	column	scientist or specialist	Cape Times	Alan Dawson (horticulturist)	South Africa (Western Cape)	159	life sciences	plants	yes
Cape Times	Tuesday 10 July 2007	Times Life page 8	no	Staying grounded in freefall on the world's highest bungee	article	journalist	Cape Times	Jordan Weissmann	South Africa (Western Cape)	269	medicine and health	mental health	yes
Cape Times	Tuesday 10 July 2007	Times Techno 1	no	Orders flood in for new 'green' Boeing	article	journalist	News agency: Sapa	Tangi Quemener	America (North)	148	life sciences	environment and pollution	yes
Cape Times	Tuesday 10 July 2007	Times Techno 1	no	A Wii in New York costs more than an arm and a leg	article	journalist	News agency: Sapa	no name	America (North)	60	technology	computers	no
Cape Times	Tuesday 10 July 2007	Times Techno 1	no	Tongue-flick powers wheelchair	article	journalist	News agency: Sapa	no name	Europe (UK and Ireland)	21	technology	other	yes
Cape Times	Tuesday 10 July 2007	Times Techno 1	no	High-definition films' new format	article	journalist	News agency: unnamed	no name	America (North)	18	technology	internet and email	yes
Cape Times	Tuesday 10 July 2007	Times Techno 1	no	Gadgets cause power-use rise	article	journalist	Foreign newspaper: The Independent	no name	Europe (UK and Ireland)	14	physical sciences	energy (electricity)	yes

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Cape Times	Tuesday 10 July 2007	Times Techn p 2	no	Very smart suit empowers its wearer	article	journalist	News agency: The Big Eyed Deer	Sebastian Stent	Asia (Far East and Russia)	63	technology	other	yes
Cape Times	Tuesday 10 July 2007	Times Techn p 2	no	Switched On: Attachments can be tricky customers	column	journalist	Cape Times	Andrew Parker	South Africa (general)	116	technology	computers	yes
Cape Times	Tuesday 10 July 2007	Times Techn p 2	no	Cutting Edge: Technology to boost blood supply	column	journalist	News agency: The Big Eyed Deer	Regardt Voges	Europe (other)	86	medicine and health	other	yes
Cape Times	Tuesday 10 July 2007	Times Techn p 3	no	This delicious slice of Apple lives up to all expectations	article	journalist	News agency: The Big Eyed Deer	Sebastian Stent	America (North)	109	technology	telecommunication	yes
Cape Times	Tuesday 10 July 2007	Times Techn p 3	no	Privacy fears on Google takeover	article	journalist	News agency: Sapa	Aoife White	Europe (other)	56	technology	internet and email	no
Cape Times	Tuesday 10 July 2007	Times Techn p 3	no	Having the world at your fingertips	article	journalist	News agency: The Big Eyed Deer	Sebastian Stent	America (North)	72	technology	computers	yes
Cape Times	Wednesday 11 July 2007	1	no	Crack of Dawn: "It looks like the only fishin' quotas the government is giving are to Eskom for nuclear fishin'!"	cartoon	cartoonist	Cape Times	Tony Grogan	South Africa (general)	none	physical sciences	energy (nuclear)	no
Cape Times	Wednesday 11 July 2007	2	no	Families stranded as river bursts banks	article	journalist	News agency: unnamed	no name	Africa	5	earth sciences	meteorology	yes
Cape Times	Wednesday 11 July 2007	2	no	Canada moves to protect its "territory"	article	journalist	News agency: unnamed	no name	Polar Regions	6	physical sciences	energy (oil and gas)	no
Cape Times	Wednesday 11 July 2007	2	no	Six children swept away in floods in Sudan	article	journalist	News agency: unnamed	no name	Africa	4	earth sciences	meteorology	no
Cape Times	Wednesday 11 July 2007	2	no	Laboratory wants to clone drug-sniffing dogs	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	3	life sciences	genetics	no
Cape Times	Wednesday 11 July 2007	3	no	Man flies 310km - on a whim, prayer and lawn chair	article	journalist	News agency: Sapa	no name	America (North)	86	physical sciences	chemistry	yes

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

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Cape Times	Wednesday 11 July 2007	3	no	All not lost for South Africans whose goods were looted from container ship	article	journalist	Cape Times	Karen Breytenbach	Europe (UK and Ireland)	109	life sciences	environment and pollution	no
Cape Times	Wednesday 11 July 2007	4	no	Killing of leopards concerns conservationists	article	journalist	Cape Times	Jackie Schreiber	South Africa (Eastern Cape)	20	life sciences	animals (wildlife)	no
Cape Times	Wednesday 11 July 2007	4	no	Government speaks out on initiation schools	article	journalist	News agency: Sapa	no name	South Africa (general)	62	medicine and health	healthcare administration (malpractice)	no
Cape Times	Wednesday 11 July 2007	4	no	Researchers explain "silly walks" - and find they were good only for John Cleese	article	journalist	News agency: Sapa	no name	America (North)	70	medicine and health	other	yes
Cape Times	Wednesday 11 July 2007	6	no	Interdict to stop striking parks workers "dirty tactics"	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	82	life sciences	environment and pollution	no
Cape Times	Wednesday 11 July 2007	7	no	Preacher held over "miracle" shocking device	article	journalist	News agency: Reuters	no name	Africa	32	science and beliefs	science and religion	yes
Cape Times	Wednesday 11 July 2007	8	no	Second Opinion: Flying against reason	editorial comment	journalist	Foreign newspaper: The Independent	The Independent Editor	Europe (UK and Ireland)	36	earth sciences	climate change	no
Cape Times	Wednesday 11 July 2007	8	no	Graffiti ruins the ride	letter	public	n/a	Anton de Waal, Harfield Village	South Africa (Western Cape)	29	life sciences	environment and pollution	no
Cape Times	Wednesday 11 July 2007	8	no	Population control	letter	public	n/a	AJ Moore, Sabie	South Africa (general)	40	earth sciences	climate change	no
Cape Times	Thursday 12 July 2007	1 and 3	yes	City crackdown on car fumes	article	journalist	Cape Times	Anel Powell (Metro Writer)	South Africa (Western Cape)	152	life sciences	environment and pollution	yes
Cape Times	Thursday 12 July 2007	2	no	North Korea cracks down on cellphones, karaoke and videos	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	35	technology	telecommunication	no
Cape Times	Thursday 12 July 2007	2	no	Two children dead, 45 passengers missing as ship sinks off Indonesia	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	72	earth sciences	meteorology	no

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Cape Times	Thursday 12 July 2007	2	no	Ban on Chinese surgeon who lifted lid on Sars	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	4	medicine and health	diseases and treatments	no
Cape Times	Thursday 12 July 2007	2	no	Libya's Supreme Court upholds death sentences for medics	article	journalist	News agency: Reuters	no name	Africa	60	medicine and health	Aids	no
Cape Times	Thursday 12 July 2007	3	no	Philips East in dark because of "illegal connections" - Eskom	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	29	physical sciences	energy (electricity)	no
Cape Times	Thursday 12 July 2007	3	no	Substation explosion sparks dip in power across province	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	29	physical sciences	energy (electricity)	no
Cape Times	Thursday 12 July 2007	4	no	Traffic information system glitches "sorted out"	article	journalist	Cape Times	Jeannie Tinkham	South Africa (general)	45	technology	computers	no
Cape Times	Thursday 12 July 2007	5	no	SA vessel races to assist critically ill merchant sailor	article	journalist	News agency: Sapa	no name	South Africa (Western Cape)	28	medicine and health	other	no
Cape Times	Thursday 12 July 2007	5	no	Strikers protest at Kruger gate	article	journalist	News agency: Sapa	no name	South Africa (Mpumalanga)	17	life sciences	environment and pollution	no
Cape Times	Thursday 12 July 2007	5	no	Numsa dismisses deal claim - strike to continue	article	journalist	News agency: Sapa	no name	South Africa (general)	54	earth sciences	geology	no
Cape Times	Thursday 12 July 2007	5	no	Modelling ban on girls under 16 urged in UK	article	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	48	medicine and health	nutrition	no
Cape Times	Thursday 12 July 2007	6	no	"Slangkop" will have light touch	article	journalist	Cape Times	Noah Barron	South Africa (Western Cape)	32	life sciences	plants	no
Cape Times	Thursday 12 July 2007	6	no	Shocking experience with iPod	article	journalist	News agency: Reuters	no name	America (North)	54	earth sciences	meteorology	yes
Cape Times	Thursday 12 July 2007	6	no	"Whopper" squid washes up on beach	article	journalist	News agency: Sapa	no name	Australasia	30	life sciences	animals (marine)	yes
Cape Times	Thursday 12 July 2007	8	no	Second Opinion: Kim's turn to move	editorial comment	journalist	Foreign newspaper: Los Angeles Times	Los Angeles Times Editor	America (North)	38	physical sciences	energy (nuclear)	no
Cape Times	Thursday 12 July 2007	8	no	"Good Samaritan" legislation needed to limit food dumping	letter	public	n/a	Ray Jensen, Tamboerskloof	South Africa (Western Cape)	78	medicine and health	nutrition	no

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Cape Times	Thursday 12 July 2007	8	no	Keep nuke waste away	letter	public	n/a	Ingela Richardson, Gouberie	South Africa (general)	69	physical sciences	energy (nuclear)	yes
Cape Times	Thursday 12 July 2007	8	no	Contaminated fruit	letter	scientist or specialist	n/a	Dr Bernhard Ficker, Somerset West	South Africa (general)	19	medicine and health	food and product safety	yes
Cape Times	Thursday 12 July 2007	8	no	SPCA appreciation	letter	scientist or specialist	n/a	Alan Penins, CEO, Cape of Good Hope SPCA	South Africa (Western Cape)	27	life sciences	animals (pets)	no
Cape Times	Thursday 12 July 2007	8	no	Living dangerously	letter	public	n/a	Lesley Hay-Whitton, Observatory	South Africa (Western Cape)	14	medicine and health	other	no
Cape Times	Thursday 12 July 2007	9	no	Inside Out: We must think out of the box if we are going to beat world's deadly diseases	column	scientist or specialist	Cape Times	Dr Wilmot James, chief executive of the Africa Genome Education Institution and UCT honorary professor in the Division of Human Genetics	South Africa (general)	136	medicine and health	Aids	yes
Cape Times	Thursday 12 July 2007	9	no	China's regulators lack bite to ensure safety in melting pot of food enterprises	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	210	medicine and health	food and product safety	yes
Cape Times	Thursday 12 July 2007	9	no	Put jobs, not profit, at the centre of growth goals	article	scientist or specialist	Cape Times	Professor Stephanie Seguno, of the University of Vermont, USA	South Africa (general)	293	medicine and health	Aids	no
Cape Times	Friday 13 July 2007	2	no	Lesotho declares official food crisis	article	journalist	News agency: unnamed	no name	Africa	5	earth sciences	meteorology	yes
Cape Times	Friday 13 July 2007	2	no	Seven gored in Pamplona bull run	article	journalist	News agency: unnamed	no name	Europe (other)	2	life sciences	animals (farm)	no
Cape Times	Friday 13 July 2007	4	no	City could be model for environmental preservation	article	journalist	Cape Times	Linda Nordling	South Africa (Western Cape)	84	life sciences	environment and pollution	no
Cape Times	Friday 13 July 2007	4	no	Research into "wildlife roadkill" to save animals	article	journalist	Cape Times	Staff Writer	South Africa (general)	55	life sciences	animals (wildlife)	yes

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 13 July 2007	4	no	Contraceptive diaphragm ineffective in preventing HIV infection	article	journalist	News agency: Health-e News Service	Kerry Cullinan	South Africa (general)	50	medicine and health	Aids	yes
Cape Times	Friday 13 July 2007	5	no	World's best: Erin Cox takes time out to look at some of the world's best wildlife photography at the BBC Wildlife Magazine / Natural History Museum Wildlife Photographer of the Year Exhibition.	photograph	photographer	Cape Times	Andrew Ingram	South Africa (Western Cape)	5	life sciences	animals (wildlife)	no
Cape Times	Friday 13 July 2007	5	no	UCT professor given top scientific honour in UK	article	journalist	Cape Times	Caroline Duncan	South Africa (Western Cape)	61	physical sciences	mathematics	no
Cape Times	Friday 13 July 2007	5	no	MEC to recruit top staff in CapeNature rescue plan	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	59	life sciences	environment and pollution	no
Cape Times	Friday 13 July 2007	5	no	SA bans poultry from Germany	article	journalist	News agency: Sapa	no name	South Africa (general)	36	life sciences	agriculture	yes
Cape Times	Friday 13 July 2007	5	no	"Fat tax" could save 3200 lives in Britain each year	article	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	33	medicine and health	nutrition	no
Cape Times	Friday 13 July 2007	5	no	Dumped drums "stored chemicals"	article	journalist	News agency: Sapa	no name	South Africa (North West)	19	physical sciences	chemistry	no
Cape Times	Friday 13 July 2007	6	no	Health council powerless as Rath reopens offices	article	journalist	News agency: Sapa	no name	South Africa (Western Cape)	48	medicine and health	Aids	no
Cape Times	Friday 13 July 2007	8	no	A South China tiger, one of fewer than 100 in existence, looks on at the David Tang Tiger Breeding Centre at Philippolis outside Bloemfontein	photograph	photographer	News agency: Reuters	Siphiwe Sibeko	South Africa (Free State)	3	life sciences	animals (wildlife)	no
Cape Times	Friday 13 July 2007	8	no	Predicted oil crunch should turn our focus to public transport	letter	public	n/a	James Cunningham, Camps Bay	South Africa (general)	68	physical sciences	energy (oil and gas)	no

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 13 July 2007	9	no	We must help Africa to produce good food to overcome poverty and hunger	article	scientist or specialist	Cape Times	Kofi Annan, Chair of the Alliance for a Green Revolution in Africa	Africa	150	life sciences	agriculture	yes
Cape Times	Monday 16 July 2007	1 and 3	yes	Tourist boat bust at sea for poaching	article	journalist	Cape Times	Karen Breytenbach	South Africa (Western Cape)	142	life sciences	animals (marine)	yes
Cape Times	Monday 16 July 2007	1	no	City swimmer Pugh takes plunge at North Pole	article	journalist	News agency: Sapa	no name	Polar Regions	70	earth sciences	climate change	yes
Cape Times	Monday 16 July 2007	1	no	Little nipper's bite nipped in the bud	article	journalist	News agency: Ananova.com	no name	Europe (UK and Ireland)	34	medicine and health	other	no
Cape Times	Monday 16 July 2007	2	no	North Korea ready to disable nuke projects	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	69	physical sciences	energy (nuclear)	no
Cape Times	Monday 16 July 2007	2	no	\$400m deal could save condemned medics	article	journalist	News agency: unnamed	no name	Africa	4	medicine and health	Aids	no
Cape Times	Monday 16 July 2007	2	no	Typhoon loses strength after killing 3, injuring 70	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	2	earth sciences	meteorology	no
Cape Times	Monday 16 July 2007	3	no	Outrage at Bantry Bay developers' encroachment 'error'	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	135	life sciences	environment and pollution	no
Cape Times	Monday 16 July 2007	3	no	Red-tape hits doctors seeking posts despite dire shortage	article	journalist	Cape Times	Ntokozo Mfusi	South Africa (general)	110	medicine and health	healthcare administration (other)	no
Cape Times	Monday 16 July 2007	4	no	Doctor' dupes man out of R100 000 in ritual to bring luck	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	54	science and beliefs	pseudoscience and superstitions	no
Cape Times	Monday 16 July 2007	5	no	Two guilty of distilling, distributing 'lethal' brew	article	journalist	Cape Times	Fatima Schroeder	South Africa (Western Cape)	78	medicine and health	food and product safety	no
Cape Times	Monday 16 July 2007	6	no	Manenberg needs money for tornado repairs	article	journalist	Cape Times	Babalo Ndenze	South Africa (Western Cape)	106	earth sciences	meteorology	no
Cape Times	Monday 16 July 2007	10	no	Zebra crossing	photograph	photographer	News agency: unnamed	Nikki Barlow	South Africa (Western Cape)	1	life sciences	animals (wildlife)	no

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Monday 16 July 2007	10	no	Sinking fishing	letter	public	n/a	John Pope, Roggebaai	South Africa (general)	73	life sciences	animals (marine)	no
Cape Times	Monday 16 July 2007	10	no	Parks are for us	letter	public	n/a	Lisa van der Linde, Constantia	South Africa (Western Cape)	16	life sciences	environment and pollution	no
Cape Times	Tuesday 17 July 2007	1	no	Crack of Dawn: High tide 10.30pm, Low tide 4.30am, Sea temp -3 degrees C	cartoon	cartoonist	Cape Times	Tony Grogan	Polar Regions	none	earth sciences	climate change	no
Cape Times	Tuesday 17 July 2007	2	no	6.8-magnitude earthquake strikes in northern Japan, killing nine people	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	70	earth sciences	geology	yes
Cape Times	Tuesday 17 July 2007	2	no	NGO slams arrests of San hunters in Botswana game reserve	article	journalist	Cape Times	Staff Writer	Africa	74	life sciences	environment and pollution	no
Cape Times	Tuesday 17 July 2007	2	no	Holocaust survivors' children want free psychiatric care	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	57	medicine and health	mental health	no
Cape Times	Tuesday 17 July 2007	2	no	Libya puts off decision on medic's death penalty	article	journalist	News agency: unnamed	no name	Africa	4	medicine and health	Aids	no
Cape Times	Tuesday 17 July 2007	2	no	Polio scare on plane to Australia	article	journalist	News agency: unnamed	no name	Australasia	4	medicine and health	diseases and treatments	no
Cape Times	Tuesday 17 July 2007	3	no	Fishermen in Zanzibar land rare coelacanth	article	journalist	News agency: Sapa	no name	Africa	52	life sciences	animals (marine)	yes
Cape Times	Tuesday 17 July 2007	7	no	Donors rush to sign on after 'tasteless show' proves a hoax	article	journalist	News agency: Sapa	no name	Europe (other)	54	medicine and health	other	no
Cape Times	Tuesday 17 July 2007	7	no	Probe launched into arrest of motorcycle racing ace Cox	article	journalist	Cape Times	Deon van der Merwe	South Africa (Eastern Cape)	74	life sciences	environment and pollution	no
Cape Times	Tuesday 17 July 2007	7	no	SA 'will continue use of DDT to curb malaria'	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	92	medicine and health	diseases and treatments	yes
Cape Times	Tuesday 17 July 2007	7	no	Owner stymied by fear boat will be impounded	article	journalist	Cape Times	Karen Breytenbach	South Africa (Western Cape)	55	life sciences	animals (marine)	no

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 17 July 2007	7	no	Repair bill for tank rampage more than Aus\$6m	article	journalist	News agency: Sapa	no name	Australasia	45	medicine and health	mental health	no
Cape Times	Tuesday 17 July 2007	7	no	Rebellious rodent draws first blood in encounter with boa constrictor	article	journalist	Cape Times	Hanti Otto	South Africa (Gauteng)	49	life sciences	animals (wildlife)	yes
Cape Times	Tuesday 17 July 2007	8	no	P.S. If only I'd known, I would have tried harder to be a smoker	column	journalist	Cape Times	John Scott	South Africa (general)	80	medicine and health	smoking	no
Cape Times	Tuesday 17 July 2007	8	no	Second opinion: Diplomacy in action	editorial comment	journalist	Foreign newspaper: The Independent	The Independent Editor	Asia (Far East and Russia)	39	physical sciences	energy (nuclear)	no
Cape Times	Tuesday 17 July 2007	8	no	Cheap propaganda	letter	scientist or specialist	n/a	Dr Cyril A Hromnik, Cape Town	Africa	53	earth sciences	palaeontology and archaeology	yes
Cape Times	Tuesday 17 July 2007	8	no	The nuke alternatives	letter	public	n/a	Glenn Ashton, Noordhoek	South Africa (general)	56	physical sciences	energy (nuclear)	yes
Cape Times	Tuesday 17 July 2007	8	no	Get realistic!	letter	scientist or specialist	n/a	John Walmsley, President of the Institution of Nuclear Engineers, South Africa Branch, Simon's Town	South Africa (general)	47	physical sciences	energy (nuclear)	yes
Cape Times	Tuesday 17 July 2007	Times Life page 7	no	Gardens: Flourishing orange flowers add warmth to winter gardens	column	scientist or specialist	Cape Times	Alan Dawson (horticulturist)	South Africa (general)	110	life sciences	plants	yes
Cape Times	Tuesday 17 July 2007	Times Techno 1	no	'Safe' online playground a sign of the times	article	journalist	News agency: Sapa	Anick Jesdanun	America (North)	88	technology	internet and email	no
Cape Times	Tuesday 17 July 2007	Times Techno 1	no	Samsung to market new gold phone	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	17	technology	telecommunication	no
Cape Times	Tuesday 17 July 2007	Times Techno 1	no	Microsoft issues security fixes	article	journalist	News agency: Sapa	no name	America (North)	10	technology	computers	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 17 July 2007	Times Techno 2	no	Facebook - the fastest growing internet tool	article	journalist	News agency: The Big Eyed Deer	Sebastian Stent	America (North)	77	technology	internet and email	yes
Cape Times	Tuesday 17 July 2007	Times Techno 2	no	Switched On: PDFs perfect for viewing, e-mailing and printing documents	column	journalist	Cape Times	Andrew Parker	South Africa (general)	107	technology	computers	yes
Cape Times	Tuesday 17 July 2007	Times Techno 2	no	Cutting Edge: Sky has few limits for bionic birds	column	journalist	News agency: The Big Eyed Deer	Sebastian Stent	Asia (Far East and Russia)	72	technology	other	yes
Cape Times	Tuesday 17 July 2007	Times Techno 3	no	Internet consoles help science	article	journalist	News agency: The Big Eyed Deer	Daniel Malherbe	America (North)	78	technology	internet and email	yes
Cape Times	Tuesday 17 July 2007	Times Techno 3	no	Consumer watchdog sues Google	article	journalist	News agency: Sapa	no name	Australasia	42	technology	internet and email	no
Cape Times	Tuesday 17 July 2007	Times Techno 3	no	Remote faces redundancy with flick-of-hand activation	article	journalist	News agency: The Big Eyed Deer	Sebastian Stent	Australasia	82	technology	other	yes
Cape Times	Tuesday 17 July 2007	Times Techno 3	no	Sony to use video site for talent spotting	article	journalist	News agency: Sapa	no name	America (North)	32	technology	internet and email	no
Cape Times	Tuesday 17 July 2007	Times Techno 3	no	Lighting the way to cost-effective household solar energy	article	journalist	News agency: The Big Eyed Deer	Regardt Voges	Europe (other)	78	physical sciences	energy (renewable)	yes
Cape Times	Wednesday 18 July 2007	1	no	Zimbabwean woman gives birth in queue	article	journalist	News agency: Sapa	no name	Africa	30	medicine and health	other	no
Cape Times	Wednesday 18 July 2007	1	no	Technically frustrated man logs off computer ... for good	article	journalist	News agency: Reuters	no name	Europe (other)	24	technology	computers	no
Cape Times	Wednesday 18 July 2007	2	no	Trouble at quake-hit nuke plant	article	journalist	News agency: Sapa	Eric Talmadge	Asia (Far East and Russia)	115	physical sciences	energy (nuclear)	yes
Cape Times	Wednesday 18 July 2007	2	no	Miller and Bollywood star warm up to climate change	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	13	earth sciences	climate change	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Wednesday 18 July 2007	2	no	US to give 47 400 tons of food aid to Zimbabwe	article	journalist	News agency: unnamed	no name	Africa	6	life sciences	agriculture	no
Cape Times	Wednesday 18 July 2007	2	no	Train carrying yellow phosphorus derails in Ukraine	article	journalist	News agency: unnamed	no name	Europe (other)	4	life sciences	environment and pollution	no
Cape Times	Wednesday 18 July 2007	2	no	Philippines bans four Chinese food products	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	4	medicine and health	food and product safety	no
Cape Times	Wednesday 18 July 2007	2	no	Monkey makes a spectacle of police	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	22	life sciences	animals (wildlife)	no
Cape Times	Wednesday 18 July 2007	3	no	City official to face tribunal over building of illegal road	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	64	life sciences	plants	no
Cape Times	Wednesday 18 July 2007	3	no	Animals to score better protection for World Cup	article	journalist	Cape Times	Natasha Joseph	South Africa (Western Cape)	101	life sciences	animals (pets)	no
Cape Times	Wednesday 18 July 2007	3	no	New CapeNature head 'will lead turn-around strategy'	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	34	life sciences	environment and pollution	no
Cape Times	Wednesday 18 July 2007	4	no	SA, Brazil support India's quest for nuclear energy	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	30	physical sciences	energy (nuclear)	no
Cape Times	Wednesday 18 July 2007	4	no	NGO slams proposed GM vaccine in HIV trial	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	28	medicine and health	Aids	no
Cape Times	Wednesday 18 July 2007	6	no	Not enough laboratories to ensure food is safe'	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	96	medicine and health	food and product safety	yes
Cape Times	Wednesday 18 July 2007	6	no	Oxford students fined for online 'adventures'	article	journalist	News agency: Sapa	no name	Europe (UK and Ireland)	60	technology	internet and email	no
Cape Times	Wednesday 18 July 2007	6	no	Man punished for son's bull run	article	journalist	News agency: Reuters	no name	Europe (other)	40	life sciences	animals (farm)	no
Cape Times	Wednesday 18 July 2007	8	no	Old Kingdom settlement found in Egyptian desert	article	journalist	News agency: Sapa	no name	Africa	35	earth sciences	palaeontology and archaeology	no
Cape Times	Wednesday 18 July 2007	8	no	Medics' death sentence commuted to life in prison	article	journalist	News agency: Sapa	Khaled el-Deeb	Africa	105	medicine and health	Aids	no

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Wednesday 18 July 2007	9	no	Know the enemy: the West's biggest killer	article	journalist	Foreign newspaper: The Independent	Julia Stuart	Europe (UK and Ireland)	185	medicine and health	diseases and treatments	yes
Cape Times	Wednesday 18 July 2007	10	no	Learn fishing laws	letter	scientist or specialist	n/a	Aaniyah Omardien, Manager, WWF Sanlam Marine Programme	South Africa (general)	41	life sciences	animals (marine)	no
Cape Times	Thursday 19 July 2007	1 and 3	no	Alien fish invasion ruining city water supply	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	137	earth sciences	water	yes
Cape Times	Thursday 19 July 2007	1	no	Nappy law makes an ass of council	article	journalist	News agency: Ananova.com	no name	Africa	17	life sciences	animals (farm)	no
Cape Times	Thursday 19 July 2007	2	no	Life sentences for medics raise hope of later release	article	journalist	News agency: Reuters	no name	Africa	71	medicine and health	Aids	no
Cape Times	Thursday 19 July 2007	2	no	World's largest nuclear plant closed indefinitely following killer quake	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	60	physical sciences	energy (nuclear)	yes
Cape Times	Thursday 19 July 2007	2	no	North Korea shuts down nuclear reactor	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	45	physical sciences	energy (nuclear)	no
Cape Times	Thursday 19 July 2007	2	no	Tremors strike Kenya for fifth day	article	journalist	News agency: unnamed	no name	Africa	4	earth sciences	geology	no
Cape Times	Thursday 19 July 2007	2	no	EU firm with Bulgaria on environmental laws	article	journalist	News agency: unnamed	no name	Europe (other)	3	life sciences	environment and pollution	no
Cape Times	Thursday 19 July 2007	2	no	37 die in lightning strikes, mud flows	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	2	earth sciences	meteorology	no
Cape Times	Thursday 19 July 2007	2	no	Heat wave claims five in Romania	article	journalist	News agency: unnamed	no name	Europe (other)	2	earth sciences	meteorology	yes
Cape Times	Thursday 19 July 2007	4	no	UCT student swept out to sea while working on project	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	34	earth sciences	water	no
Cape Times	Thursday 19 July 2007	6	no	Criminals use latest technology	article	journalist	Cape Times	Aziz Hartley	South Africa (Western Cape)	96	technology	other	no

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Thursday 19 July 2007	6	no	Poor maize crop raises doubts about biofuel goals	article	journalist	Cape Times	no name	South Africa (general)	81	physical sciences	energy (renewable)	no
Cape Times	Thursday 19 July 2007	6	no	Eating steak is turning up heat on planet	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	36	earth sciences	climate change	yes
Cape Times	Thursday 19 July 2007	6	no	Attack on house of prophet, 17 off the hook	article	journalist	News agency: Sapa	no name	South Africa (North West)	52	science and beliefs	pseudoscience and superstitions	no
Cape Times	Thursday 19 July 2007	10	no	SANPark's oversight	letter	public	n/a	Marijke Honig, Newlands	South Africa (Western Cape)	48	life sciences	environment and pollution	no
Cape Times	Thursday 19 July 2007	10	no	Protect marine areas	letter	public	n/a	Maritz Spaarwater, Hermanus	South Africa (Western Cape)	35	life sciences	animals (marine)	no
Cape Times	Friday 20 July 2007	1 and 3	no	Public comment sought on West Coast beach mining proposal	article	journalist	Cape Times	Karen Breytenbach	South Africa (Western Cape)	99	earth sciences	geology	yes
Cape Times	Friday 20 July 2007	2	no	Fresh fears over plant hit by quake	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	46	physical sciences	energy (nuclear)	yes
Cape Times	Friday 20 July 2007	2	no	Residents ill from chemical fire	article	journalist	News agency: unnamed	no name	Europe (other)	3	life sciences	environment and pollution	no
Cape Times	Friday 20 July 2007	2	no	Call to aid flood victims in Sudan	article	journalist	News agency: unnamed	no name	Africa	4	earth sciences	meteorology	no
Cape Times	Friday 20 July 2007	2	no	Bill Clinton launches hospital project in Malawi	article	journalist	News agency: unnamed	no name	Africa	3	medicine and health	healthcare administration (other)	no
Cape Times	Friday 20 July 2007	2	no	Thirty-one dead in rainstorms in China	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	2	earth sciences	meteorology	no
Cape Times	Friday 20 July 2007	3	no	Objectors outraged at kaolin mine housing plan	article	journalist	Cape Times	Anel Powell (Metro Writer)	South Africa (Western Cape)	91	earth sciences	geology	no
Cape Times	Friday 20 July 2007	4	no	Revolutionary ink promises to blot out regret by taking permanence out of tattoos	article	journalist	News agency: Sapa	no name	America (North)	55	medicine and health	other	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 20 July 2007	4	no	July the month when most SA employees take time off due to flu	article	journalist	News agency: Sapa	no name	South Africa (general)	24	medicine and health	diseases and treatments	no
Cape Times	Friday 20 July 2007	6	no	SA in nuke venture with French	article	journalist	Cape Times	Staff Writer	South Africa (general)	20	physical sciences	energy (nuclear)	no
Cape Times	Friday 20 July 2007	7	no	Airport is a ray of light for Guinea pupils	article	journalist	News agency: Sapa	no name	Africa	109	physical sciences	energy (electricity)	yes
Cape Times	Friday 20 July 2007	7	no	Lesotho drought leads to state of emergency	article	journalist	News agency: Sapa	no name	Africa	57	earth sciences	meteorology	yes
Cape Times	Friday 20 July 2007	7	no	Bulgaria requests transfer of convicted medics from Libya	article	journalist	News agency: Sapa	Diana Simeonova	Africa	85	medicine and health	Aids	no
Cape Times	Friday 20 July 2007	7	no	US food aid 'gimmick' accepted as reparations	article	journalist	News agency: Sapa	no name	Africa	61	life sciences	agriculture	no
Cape Times	Friday 20 July 2007	8	no	Papsak' heads for UK	article	journalist	News agency: Reuters	Sylvia Westall	Europe (UK and Ireland)	73	life sciences	environment and pollution	yes
Cape Times	Friday 20 July 2007	9	no	Job creation uplifts mothers with HIV	article	journalist	Cape Times	Lesley Byram	South Africa (Western Cape)	148	medicine and health	Aids	no
Cape Times	Friday 20 July 2007	Top of the Times page 16	no	Explore Hong Kong's greener, wilder side	article	journalist	Other: Getaway Magazine	Gillian Scoble	Asia (Far East and Russia)	206	life sciences	environment and pollution	yes
Cape Times	Monday 23 July 2007	1 and 3	no	Full week of dangerously wild weather ahead, forecasters warn	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	73	earth sciences	meteorology	yes
Cape Times	Monday 23 July 2007	1 and 6	no	Teachers, nurses urged to come home as crisis deepens	article	journalist	Cape Times	Lyse Comins	South Africa (general)	104	medicine and health	healthcare administration (other)	no
Cape Times	Monday 23 July 2007	2	no	Floods leave wake of destruction across Asia and Europe	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	60	earth sciences	meteorology	no
Cape Times	Monday 23 July 2007	2	no	China admits to tyre tubes failing safety tests	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	3	technology	other	no

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Monday 23 July 2007	2	no	Members of Spanish internet bootlegging ring held	article	journalist	News agency: unnamed	no name	Europe (other)	3	technology	internet and email	no
Cape Times	Monday 23 July 2007	4	no	Abalone: 20 in court on 115 Charges	article	journalist	Cape Times	Fatima Schroeder	South Africa (Western Cape)	58	life sciences	animals (marine)	no
Cape Times	Monday 23 July 2007	4	no	Two die after being trapped in mine	article	journalist	News agency: Sapa	no name	South Africa (North West)	36	earth sciences	geology	yes
Cape Times	Monday 23 July 2007	4	no	Private hospital bill due to strike is R25m	article	journalist	News agency: Sapa	no name	South Africa (general)	20	medicine and health	hospital strike	no
Cape Times	Monday 23 July 2007	5	no	Task team calls for urgent changes at baby deaths hospital	article	journalist	Cape Times	Chandre Prins, Brett Horner and Ntando Makhubu	South Africa (Eastern Cape)	104	medicine and health	healthcare administration (Frere Hospital)	yes
Cape Times	Monday 23 July 2007	6	no	People of all colours head for greener grass overseas	article	journalist	Cape Times	Lyse Comins	South Africa (general)	98	medicine and health	healthcare administration (other)	no
Cape Times	Monday 23 July 2007	6	no	Geckos, mussels inspire a whole new type of glue	article	journalist	News agency: Sapa	no name	Europe (other)	36	technology	other	yes
Cape Times	Monday 23 July 2007	7	no	Canadian police use virtual world to attract recruits	article	journalist	News agency: Sapa	Michel Comte	America (North)	102	technology	internet and email	no
Cape Times	Monday 23 July 2007	7	no	Consumer Watch: Breast-enhancement pills under fire	article	journalist	Cape Times	Wendy Knowler	South Africa (general)	128	medicine and health	healthcare administration (malpractice)	yes
Cape Times	Monday 23 July 2007	8	no	Gone fishing Urban Edge: Sit back, relax and gaze vacuously into the middle distance	photograph	photographer	Cape Times	Andrew Ingram	South Africa (Western Cape)	1	life sciences	animals (marine)	no
Cape Times	Monday 23 July 2007	8	no		column	journalist	Cape Times	Evelyn Holtzhauzen	South Africa (Western Cape)	77	life sciences	environment and pollution	no
Cape Times	Monday 23 July 2007	8	no	Too many vessels	letter	scientist or specialist	n/a	Professor DS Butterworth, Newlands	South Africa (general)	59	life sciences	animals (marine)	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Monday 23 July 2007	9	no	Hope for cervical cancer - at a cost	article	scientist or specialist	Cape Times	Lynette Denny, professor of obstetrics and gynaecology at Groote Schuur Hospital / University of Cape Town and is a specialist in gynaecological cancer	South Africa (general)	213	medicine and health	diseases and treatments	yes
Cape Times	Monday 23 July 2007	9	no	Window on Africa: A dim light flickers in the DRC's murky and corrupt mining industry	column	journalist	Cape Times	Peter Fabricius	Africa	132	earth sciences	geology	no
Cape Times	Monday 23 July 2007	21	no	Healing power of the theatre	article	journalist	Cape Times	Peter Tromp	South Africa (Western Cape)	118	medicine and health	diseases and treatments	no
Cape Times	Monday 23 July 2007	21	no	Sharks are not killers prowling the coasts	article	journalist	Cape Times	Karen Rutter	America (North)	74	life sciences	animals (marine)	yes
Cape Times	Monday 23 July 2007	21	no	130 women weave tapestry to unite village fighting Aids	article	journalist	Cape Times	Karen Rutter	South Africa (Eastern Cape)	88	medicine and health	Aids	no
Cape Times	Tuesday 24 July 2007	1 and 3	no	Shortages, in-fighting cripple CapeNature - DA	article	journalist	News agency: Sapa	Richard Davies	South Africa (Western Cape)	109	life sciences	environment and pollution	yes
Cape Times	Tuesday 24 July 2007	2	no	Many feared dead as storms rage from Britain to China	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	100	earth sciences	meteorology	yes
Cape Times	Tuesday 24 July 2007	2	no	Indonesia's Aids tag plan violates rights	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	45	medicine and health	Aids	no
Cape Times	Tuesday 24 July 2007	2	no	China probes export of killer antifreeze component	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	3	physical sciences	chemistry	no
Cape Times	Tuesday 24 July 2007	2	no	10 die, 22 injured in cooking fuel blasts	article	journalist	News agency: unnamed	no name	Africa	4	physical sciences	energy (oil and gas)	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 24 July 2007	2	no	Roman court clears doctor of murder charges	article	journalist	News agency: unnamed	no name	Europe (other)	3	medicine and health	healthcare administration (malpractice)	no
Cape Times	Tuesday 24 July 2007	2	no	UN to inspect damaged Japanese nuclear plant	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	3	physical sciences	energy (nuclear)	no
Cape Times	Tuesday 24 July 2007	4	no	Swell time	photograph	photographer	Cape Times	Enver Essop	South Africa (Western Cape)	2	earth sciences	water	yes
Cape Times	Tuesday 24 July 2007	4	no	Baby with four legs dies after corrective surgery	article	journalist	News agency: Sapa	no name	South Africa (Limpopo)	14	medicine and health	diseases and treatments	no
Cape Times	Tuesday 24 July 2007	4	no	Thousands die in SA each year from occupational diseases that go unnoticed	article	journalist	Cape Times	Tony Carmie	South Africa (general)	103	medicine and health	diseases and treatments	yes
Cape Times	Tuesday 24 July 2007	8	no	Face up to floods	editorial comment	journalist	Foreign newspaper: The Independent	The Independent Editor	Europe (UK and Ireland)	41	earth sciences	climate change	yes
Cape Times	Tuesday 24 July 2007	8	no	Chapman's Peak permits a ploy to make money	letter	public	n/a	William Selway Robson, Noordhoek	South Africa (Western Cape)	54	life sciences	environment and pollution	no
Cape Times	Tuesday 24 July 2007	8	no	Facts of the matter	letter	public	n/a	Geraldine Goncalves, Newlands	South Africa (Western Cape)	53	life sciences	plants	yes
Cape Times	Tuesday 24 July 2007	8	no	Sewerage sludge	letter	public	n/a	George van Zyl, Ottery	South Africa (general)	29	life sciences	agriculture	yes
Cape Times	Tuesday 24 July 2007	8	no	2010 animal safety	letter	public	n/a	Melanie Watson, Newlands	South Africa (general)	20	life sciences	animals (pets)	no
Cape Times	Tuesday 24 July 2007	9	no	Sub-Saharan Africa, home of Homo sapiens	article	journalist	Foreign newspaper: The Independent	Steve Connor	Africa	228	life sciences	evolution	yes
Cape Times	Tuesday 24 July 2007	Times Life page 7	no	Gardens: Hues of blue cleanse and calm, creating depth in a garden	column	scientist or specialist	Cape Times	Alan Dawson (horticulturist)	South Africa (Western Cape)	132	life sciences	plants	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 24 July 2007	Times Techno 1	no	Waking up to new YouTube worlds	article	journalist	News agency: Sapa	David Sarno	America (North)	105	technology	internet and email	no
Cape Times	Tuesday 24 July 2007	Times Techno 1	no	Widget gives cellphones new scope	article	journalist	News agency: The Big Eyed Deer	Regardt Voges	South Africa (general)	78	technology	telecommunication	yes
Cape Times	Tuesday 24 July 2007	Times Techno 1	no	Mum, 75, on fastest internet link	article	journalist	News agency: Sapa	no name	Europe (other)	20	technology	internet and email	yes
Cape Times	Tuesday 24 July 2007	Times Techno 1	no	Copy-protected music attacked	article	journalist	News agency: Sapa	no name	America (North)	25	technology	computers	no
Cape Times	Tuesday 24 July 2007	Times Techno 1	no	New Iranian computer game	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	20	technology	other	no
Cape Times	Tuesday 24 July 2007	Times Techno 2	no	Exploring the finer details of creation	article	journalist	News agency: The Big Eyed Deer	Daniel Malherbe	Europe (other)	87	physical sciences	astronomy	yes
Cape Times	Tuesday 24 July 2007	Times Techno 2	no	Genetic modification's saving grace	article	journalist	News agency: The Big Eyed Deer	Daniel Malherbe	Africa	86	life sciences	agriculture	yes
Cape Times	Tuesday 24 July 2007	Times Techno 2	no	Online 'cookie' - lifetime shortened	article	journalist	News agency: Agence France-Presse (AFP)	no name	America (North)	22	technology	internet and email	yes
Cape Times	Tuesday 24 July 2007	Times Techno 2	no	Switched On: In search of the paperless office: Using PDFs	column	journalist	Cape Times	Andrew Parker	South Africa (general)	108	technology	computers	yes
Cape Times	Tuesday 24 July 2007	Times Techno 3	no	Cutting Edge: Space travel is picking up speed	column	journalist	News agency: The Big Eyed Deer	Marcin Modzynski	America (North)	78	physical sciences	astronomy	yes
Cape Times	Tuesday 24 July 2007	Times Techno 3	no	Gadgets and gizmos you've gotta have: Pronto Condom	article	journalist	News agency: unnamed	no name	South Africa (general)	24	technology	other	no
Cape Times	Tuesday 24 July 2007	Times Techno 3	no	Gadgets and gizmos you've gotta have: iPod your old records	article	journalist	News agency: unnamed	no name	South Africa (general)	32	technology	other	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 24 July 2007	Times Techno 3	no	Gadgets and gizmos you've gotta have: Uberorbs invade the office	article	journalist	News agency: unnamed	no name	South Africa (general)	15	physical sciences	physics	yes
Cape Times	Tuesday 24 July 2007	Times Techno 3	no	Gadgets and gizmos you've gotta have: Free-1 Voip Phone Ipevo	article	journalist	News agency: unnamed	no name	South Africa (general)	42	technology	telecommunication	yes
Cape Times	Wednesday 25 July 2007	1 and 3	yes	Hospital rip-off exposed	article	journalist	Cape Times	Laura du Preez (Personal Finance)	South Africa (general)	185	medicine and health	healthcare administration (malpractice)	no
Cape Times	Wednesday 25 July 2007	1	no	Surviving, not surfing	photograph	photographer	Cape Times	Brenton Geach	South Africa (Western Cape)	3	earth sciences	water	no
Cape Times	Wednesday 25 July 2007	2	no	Joy as Libya frees foreign medics	article	journalist	News agency: Sapa	Diana Simeonova	Africa	127	medicine and health	Aids	no
Cape Times	Wednesday 25 July 2007	2	no	Presidential hopefuls go down YouTube	article	journalist	News agency: Sapa	no name	America (North)	51	technology	internet and email	no
Cape Times	Wednesday 25 July 2007	2	no	Nurses describe how they survived 8-year ordeal	article	journalist	News agency: Sapa	no name	Africa	57	medicine and health	Aids	no
Cape Times	Wednesday 25 July 2007	2	no	500 estimated dead in Hungary heatwave	article	journalist	News agency: unnamed	no name	Europe (other)	4	earth sciences	meteorology	no
Cape Times	Wednesday 25 July 2007	2	no	Panel to probe radiation leaks in Japan	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	3	physical sciences	energy (nuclear)	no
Cape Times	Wednesday 25 July 2007	2	no	Thousands without drinking water after UK floods	article	journalist	News agency: unnamed	no name	Europe (UK and Ireland)	3	earth sciences	meteorology	no
Cape Times	Wednesday 25 July 2007	2	no	US gives Lesotho aid package to fight HIV/Aids	article	journalist	News agency: unnamed	no name	Africa	3	medicine and health	Aids	no
Cape Times	Wednesday 25 July 2007	3	no	City to drive move from cars to public transport	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	93	life sciences	environment and pollution	yes
Cape Times	Wednesday 25 July 2007	4	no	Heavy seas as storm hits Cape	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	33	earth sciences	meteorology	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Wednesday 25 July 2007	4	no	Zille calls for reinstatement of Operation Neptune	article	journalist	Cape Times	Anel Powell (Metro Writer)	South Africa (Western Cape)	85	physical sciences	chemistry	yes
Cape Times	Wednesday 25 July 2007	4	no	Outrage as owner gets fine for puppy decapitation	article	journalist	Cape Times	Baldwin Ndaba	South Africa (Mpumalanga)	76	life sciences	animals (pets)	no
Cape Times	Wednesday 25 July 2007	7	no	SA's anti-malaria campaigner Kingsley Holgate casts his net wide	article	journalist	Cape Times	Natasha Joseph	Africa	50	medicine and health	diseases and treatments	yes
Cape Times	Wednesday 25 July 2007	7	no	Surgeons successfully remove 15kg facial tumour	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	30	medicine and health	diseases and treatments	yes
Cape Times	Wednesday 25 July 2007	10	no	Stop the 'whitewashing' of African history and racism	letter	public	n/a	Godfrey C Luyt, Cape Town	South Africa (Western Cape)	93	technology	other	no
Cape Times	Wednesday 25 July 2007	10	no	Good job, SANParks	letter	public	n/a	Jane Worthington-Fitnum, Noordhoek	South Africa (Western Cape)	51	life sciences	environment and pollution	yes
Cape Times	Wednesday 25 July 2007	14	no	Bringing pain relief to those who need it most	article	journalist	Cape Times	Lesley Byram	South Africa (Western Cape)	150	medicine and health	diseases and treatments	yes
Cape Times	Thursday 26 July 2007	1	no	Pitbulls seized in SPCA raid in city	article	journalist	Cape Times	Karen Breytenbach	South Africa (Western Cape)	57	life sciences	animals (pets)	no
Cape Times	Thursday 26 July 2007	1	no	Hedgehogs get on with prickly business of procreation	article	journalist	News agency: Reuters	no name	Europe (other)	21	life sciences	animals (wildlife)	yes
Cape Times	Thursday 26 July 2007	2	no	Facebook faces court bid to close it down	article	journalist	News agency: Sapa	no name	America (North)	51	technology	internet and email	no
Cape Times	Thursday 26 July 2007	2	no	Nigeria claims billions from Pfizer	article	journalist	News agency: Reuters	no name	Africa	22	medicine and health	diseases and treatments	yes
Cape Times	Thursday 26 July 2007	2	no	Baltic Sea to be cleared of wreckage for gas pipeline	article	journalist	News agency: unnamed	no name	Europe (other)	3	physical sciences	energy (oil and gas)	no

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Thursday 26 July 2007	2	no	Health alert after chickens die of avian flu	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	3	life sciences	agriculture	no
Cape Times	Thursday 26 July 2007	2	no	Child killed, 500 injured in Bangladeshi storms	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	2	earth sciences	meteorology	no
Cape Times	Thursday 26 July 2007	3	no	Ground-breaking fisheries blueprint takes holistic approach to marine system	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	107	life sciences	animals (marine)	yes
Cape Times	Thursday 26 July 2007	4	no	City council fears World Cup visitors will be 'in the dark'	article	journalist	Cape Times	Anel Powell (Metro Writer)	South Africa (Western Cape)	101	physical sciences	energy (electricity)	yes
Cape Times	Thursday 26 July 2007	4	no	Giant of modern psychology Albert Ellis dies, aged 93	article	journalist	News agency: Sapa	no name	America (North)	26	medicine and health	mental health	yes
Cape Times	Thursday 26 July 2007	4	no	Pet dog gone walkabout found 3000km from home	article	journalist	News agency: Sapa	no name	Australasia	27	life sciences	animals (pets)	yes
Cape Times	Thursday 26 July 2007	5	no	Private healthcare industry slams 'overwhelming' charges	article	journalist	Cape Times	Natasha Joseph and Laura du Preez	South Africa (general)	112	medicine and health	healthcare administration (malpractice)	no
Cape Times	Thursday 26 July 2007	6	no	Saying it with flowers	photograph	photographer	Cape Times	Henk Kruger	South Africa (Western Cape)	4	medicine and health	diseases and treatments	no
Cape Times	Thursday 26 July 2007	7	no	Passionate about fruit of the vine	article	journalist	Cape Times	Lesley Byram	South Africa (Western Cape)	124	earth sciences	climate change	no
Cape Times	Thursday 26 July 2007	10	no	No mountain permits	letter	scientist or specialist	n/a	Brett Myrdal, Manager, Table Mountain National Park	South Africa (Western Cape)	23	life sciences	environment and pollution	yes
Cape Times	Friday 27 July 2007	1 and 3	no	City flooded after torrential rains	article	journalist	Cape Times	Caryn Dolley and Karen Breytenbach	South Africa (Western Cape)	123	earth sciences	meteorology	yes
Cape Times	Friday 27 July 2007	2	no	Where's mummy?	photograph	photographer	News agency: Associated Press (AP)	no name	Asia (Far East and Russia)	3	life sciences	animals (wildlife)	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 27 July 2007	2	no	Bulgaria shrugs off Libyan protest at pardon for medics	article	journalist	News agency: Sapa	no name	Africa	68	medicine and health	Aids	no
Cape Times	Friday 27 July 2007	2	no	Heat wave detonates ammo dump in Syria	article	journalist	News agency: Reuters	no name	Asia (Middle East and India)	75	earth sciences	meteorology	yes
Cape Times	Friday 27 July 2007	2	no	Cat predicts patients' death with uncanny accuracy	article	journalist	News agency: Sapa	no name	America (North)	13	life sciences	animals (pets)	no
Cape Times	Friday 27 July 2007	2	no	Zambia donates food to neighbouring countries	article	journalist	News agency: unnamed	no name	Africa	7	life sciences	agriculture	no
Cape Times	Friday 27 July 2007	2	no	Mountain gorillas shot dead in DRC national park	article	journalist	News agency: unnamed	no name	Africa	5	life sciences	animals (wildlife)	no
Cape Times	Friday 27 July 2007	2	no	Flood waters kill 32, threaten millions	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	4	earth sciences	meteorology	no
Cape Times	Friday 27 July 2007	2	no	59 killed in Sudanese flash floods	article	journalist	News agency: unnamed	no name	Africa	5	earth sciences	meteorology	no
Cape Times	Friday 27 July 2007	2	no	Hordes of firefighters in battles across Greece	article	journalist	News agency: unnamed	no name	Europe (other)	3	life sciences	environment and pollution	no
Cape Times	Friday 27 July 2007	2	no	Europeans cling to car transport despite pollution	article	journalist	News agency: unnamed	no name	Europe (other)	4	life sciences	environment and pollution	no
Cape Times	Friday 27 July 2007	3	no	CapeNature solidly 'in the black' - chairman	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	85	life sciences	environment and pollution	no
Cape Times	Friday 27 July 2007	3	no	Cameras in place for launch of minibus lane	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	46	technology	other	no
Cape Times	Friday 27 July 2007	3	no	Brace for evening blackouts - city	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	27	physical sciences	energy (electricity)	yes
Cape Times	Friday 27 July 2007	4	no	Berg River dam built to allow for simulated flooding to feed river	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	71	earth sciences	water	yes

Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 27 July 2007	4	no	Minister assures on safety standards at department's dams	article	journalist	News agency: Sapa	no name	South Africa (general)	35	earth sciences	water	no
Cape Times	Friday 27 July 2007	5	no	Dog-fighting probe spotlights second suspect	article	journalist	Cape Times	Staff Writer	South Africa (Western Cape)	34	life sciences	animals (pets)	no
Cape Times	Friday 27 July 2007	5	no	Traditional remedies 'threat to vultures' survival'	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (general)	66	life sciences	animals (birds)	yes
Cape Times	Friday 27 July 2007	5	no	Control alternative medicines - DA	article	journalist	Cape Times	Sibusiso Ngalwa (Political Bureau)	South Africa (general)	43	medicine and health	healthcare administration (malpractice)	no
Cape Times	Friday 27 July 2007	6	no	Swimming banned as beaching of whale increases shark fears	article	journalist	News agency: Sapa	no name	South Africa (KwaZulu-Natal)	27	life sciences	animals (marine)	yes
Cape Times	Friday 27 July 2007	7	no	Are modern high-tech prosthetics really better, faster and stronger?	article	journalist	Foreign newspaper: Los Angeles Times	Jeannine Stein	America (North)	106	technology	other	yes
Cape Times	Friday 27 July 2007	8	no	Breathtaking	photograph	photographer	Cape Times	Andrew Ingram	South Africa (Western Cape)	1	life sciences	environment and pollution	no
Cape Times	Friday 27 July 2007	8	no	Poverty study	editorial comment	journalist	Cape Times	Tyrone August (Cape Times Editor)	South Africa (general)	39	medicine and health	nutrition	yes
Cape Times	Friday 27 July 2007	9	no	Man Friday: Paradise is closing down as Mugabe turns a land of dreams into a nightmare	column	journalist	Cape Times	Tony Weaver	Africa	139	life sciences	animals (wildlife)	yes
Cape Times	Friday 27 July 2007	Top of the Times page 6	no	Corks popped for SA's big cats	article	journalist	Cape Times	Arts Writer	South Africa (Eastern Cape)	29	life sciences	animals (wildlife)	no
Cape Times	Friday 27 July 2007	Top of the Times page 14	no	Privatising water, and those it hurts	article	journalist	Cape Times	Jane Mayne	America (Central and South)	54	earth sciences	water	yes



Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Friday 27 July 2007	Top of the Times page 14	no	A whirlwind tour of the world	article	journalist	Cape Times	Jane Mayne	Asia (Far East and Russia)	42	life sciences	environment and pollution	no
Cape Times	Friday 27 July 2007	Top of the Times page 20	no	Exploring the Amazon basin reaps rich rewards	article	journalist	Cape Times	Shirley de Kock Gueller	America (Central and South)	147	earth sciences	water	no
Cape Times	Monday 30 July 2007	1	yes	38 000 hit by city floods	article	journalist	Cape Times	Karen Breytenbach and Caryn Dolley	South Africa (Western Cape)	171	earth sciences	meteorology	yes
Cape Times	Monday 30 July 2007	1	no	School junk food clamp looms	article	journalist	Cape Times	Louise Flanagan	South Africa (general)	56	medicine and health	nutrition	yes
Cape Times	Monday 30 July 2007	1	no	Split personality patient's reality check	article	journalist	News agency: unnamed	no name	Europe (UK and Ireland)	30	medicine and health	mental health	no
Cape Times	Monday 30 July 2007	2	no	Russians on mission to dive to North Pole seabed	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	18	physical sciences	energy (oil and gas)	yes
Cape Times	Monday 30 July 2007	2	no	Eleven die in Chinese storms	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	3	earth sciences	meteorology	no
Cape Times	Monday 30 July 2007	2	no	Forest ranger starts blaze to keep job	article	journalist	News agency: unnamed	no name	Africa	4	life sciences	environment and pollution	no
Cape Times	Monday 30 July 2007	2	no	Relief after UK rains fail to raise water levels	article	journalist	News agency: unnamed	no name	Europe (UK and Ireland)	3	earth sciences	meteorology	no
Cape Times	Monday 30 July 2007	2	no	Liberia lifts moratorium on mining	article	journalist	News agency: unnamed	no name	Africa	2	earth sciences	geology	no
Cape Times	Monday 30 July 2007	3	no	White-knuckle rafting	photograph	photographer	Cape Times	Jacques Marais	South Africa (Western Cape)	4	earth sciences	meteorology	no
Cape Times	Monday 30 July 2007	3	no	10 ships seek shelter as Cape of Storms lives up to its name	article	journalist	Cape Times	Melanie Gosling (Environment Writer)	South Africa (Western Cape)	88	earth sciences	meteorology	yes
Cape Times	Monday 30 July 2007	3	no	Fires around the country claim lives of 17 people	article	journalist	News agency: Sapa	no name	South Africa (general)	39	life sciences	environment and pollution	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Monday 30 July 2007	4	no	Diamond traders target car sellers	article	journalist	Cape Times	Caryn Dolley	South Africa (general)	60	earth sciences	geology	no
Cape Times	Monday 30 July 2007	4	no	Landing late	photograph	photographer	Cape Times	Ruvan Boshoff	South Africa (Western Cape)	3	earth sciences	meteorology	no
Cape Times	Monday 30 July 2007	5	no	Mbokeli concerned at infighting between Manto and deputy	article	journalist	Cape Times	Deon de Lange (Political Bureau)	South Africa (general)	71	medicine and health	healthcare administration (Frere Hospital)	no
Cape Times	Monday 30 July 2007	6	no	Bright idea	photograph	photographer	Cape Times	Andrew Ingram	South Africa (Western Cape)	3	medicine and health	healthcare administration (other)	no
Cape Times	Monday 30 July 2007	7	no	Swazi biofuels project could help farmers beat drought and poverty	article	journalist	News agency: Sapa	no name	Africa	88	physical sciences	energy (renewable)	yes
Cape Times	Monday 30 July 2007	7	no	Coke merchants exploit Africa's weakest link	article	journalist	News agency: Sapa	Rukmini Callimachi	Africa	213	life sciences	agriculture	no
Cape Times	Monday 30 July 2007	12	no	Fisheries blueprint	editorial comment	journalist	Cape Times	Tyrone August (Cape Times Editor)	South Africa (general)	42	life sciences	animals (marine)	yes
Cape Times	Monday 30 July 2007	12	no	Sam and the City: Playing the watching and waiting game with the weekend waves	article	journalist	Cape Times	Samantha Bartlett	South Africa (Western Cape)	82	earth sciences	water	no
Cape Times	Monday 30 July 2007	12	no	Dusk	photograph	photographer	Cape Times	Henk Kruger	South Africa (Western Cape)	1	life sciences	agriculture	no
Cape Times	Monday 30 July 2007	12	no	Naturally good	letter	public	n/a	Richard Poulter, Tokai	South Africa (Western Cape)	27	life sciences	environment and pollution	no
Cape Times	Monday 30 July 2007	13	no	How the arms dealers bring misery to the poor	article	scientist or specialist	Other: Umuzi - Random House	Terry Crawford-Browne	Africa	358	earth sciences	water	no
Cape Times	Monday 30 July 2007	Career Times page 5	no	Office gardens can help save the world	article	scientist or specialist	Cape Times	Keith Kirsten (horticulturist)	South Africa (general)	151	life sciences	plants	yes
Cape Times	Tuesday 31 July 2007	1 and 3	no	Flooding: relief for 38 000 as rains stops 'just in time'	article	journalist	Cape Times	Caryn Dolley	South Africa (Western Cape)	82	earth sciences	meteorology	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 31 July 2007	1	no	Crack of Dawn: Do you realise you've cruised through a red robot?	cartoon	cartoonist	Cape Times	Tony Grogan	South Africa (Western Cape)	none	earth sciences	meteorology	no
Cape Times	Tuesday 31 July 2007	2	no	500 dead and 200 million affected as devastating floods hit China	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	40	earth sciences	meteorology	no
Cape Times	Tuesday 31 July 2007	2	no	69 Chinese miners trapped by flooding	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	23	earth sciences	geology	no
Cape Times	Tuesday 31 July 2007	2	no	Fisherman killed after Libyan guards fire on boat	article	journalist	News agency: unnamed	no name	Africa	4	life sciences	animals (marine)	no
Cape Times	Tuesday 31 July 2007	2	no	Indian government bans elephants from Mumbai	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	5	life sciences	animals (wildlife)	no
Cape Times	Tuesday 31 July 2007	2	no	Arab League slams Bulgaria's release of medic	article	journalist	News agency: unnamed	no name	Africa	3	medicine and health	Aids	no
Cape Times	Tuesday 31 July 2007	4	no	Furore continues as department releases Frere Hospital report	article	journalist	Cape Times	Sibusiso Ngilwa (Political Bureau)	South Africa (Eastern Cape)	135	medicine and health	healthcare administration (Frere Hospital)	yes
Cape Times	Tuesday 31 July 2007	4	no	Youngster who told the story of Aids to be immortalised in a film	article	journalist	News agency: Sapa	no name	South Africa (Gauteng)	108	medicine and health	Aids	yes
Cape Times	Tuesday 31 July 2007	4	no	Petroleum industry strike could lead to fuel shortages	article	journalist	Cape Times	Aziz Hartley	South Africa (general)	25	physical sciences	energy (oil and gas)	no
Cape Times	Tuesday 31 July 2007	6	no	Death toll climbs and NSPCA grapples with 'animal crisis' as fires rage on	article	journalist	News agency: Sapa	no name	South Africa (general)	65	life sciences	animals (farm)	yes
Cape Times	Tuesday 31 July 2007	6	no	Artist who sketched DNA double helix structure dies	article	journalist	News agency: Sapa	no name	America (North)	69	life sciences	genetics	no
Cape Times	Tuesday 31 July 2007	6	no	One joint does damage of five cigarettes - study	article	journalist	News agency: Sapa	no name	Australasia	48	medicine and health	smoking	yes

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Appendix C: Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 31 July 2007	8	no	Attempted murder charge against rape accused found to have HIV	article	journalist	News agency: Sapa	no name	South Africa (KwaZulu-Natal)	52	medicine and health	Aids	no
Cape Times	Tuesday 31 July 2007	12	no	Grains of truth	photograph	photographer	News agency: Associated Press (AP)	no name	Europe (other)	3	earth sciences	geology	no
Cape Times	Tuesday 31 July 2007	12	no	Enforce existing legislation to protect marine life	letter	scientist or specialist	n/a	Monty Guest, Chairman, Underwater Africa, Century City, Cape Town	South Africa (Western Cape)	57	life sciences	animals (marine)	yes
Cape Times	Tuesday 31 July 2007	12	no	Eccentric fuel users	letter	public	n/a	Bruce Clemence, Fish Hoek	South Africa (Western Cape)	49	life sciences	environment and pollution	yes
Cape Times	Tuesday 31 July 2007	12	no	Recognise Barnard	letter	scientist or specialist	n/a	Professor Lionel Opie, Observatory	South Africa (Western Cape)	22	medicine and health	other	yes
Cape Times	Tuesday 31 July 2007	13	no	On the Run: Cigarette companies warn of the dangers of smoking ... but not the demons	column	journalist	Cape Times	Ben Trovato	Africa	172	medicine and health	smoking	no
Cape Times	Tuesday 31 July 2007	Times Life page 2	no	Blaming the weed for mental illness is not the only answer	article	journalist	Foreign newspaper: The Independent	Rufus May	Europe (UK and Ireland)	83	medicine and health	mental health	yes
Cape Times	Tuesday 31 July 2007	Times Life page 4	no	Australia feels the great China boom	article	journalist	Foreign newspaper: The Independent	Hamish McRae	Australasia	172	life sciences	environment and pollution	yes
Cape Times	Tuesday 31 July 2007	Times Life page 5	no	Floods ravaging Britain bode ill for 21st century weather disasters	article	journalist	Foreign newspaper: The Independent	Michael McCarthy	Europe (UK and Ireland)	238	earth sciences	meteorology	yes
Cape Times	Tuesday 31 July 2007	Times Life page 6	no	Food: Care and authenticity flavour the world's finest foods	article	journalist	Cape Times	Hilary Bassett	Europe (other)	213	life sciences	agriculture	yes

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**Appendix C:** Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 31 July 2007	Times Life page 7	no	Gardens: Yellow flowers cast a warm, golden glow on gardens	column	scientist or specialist	Cape Times	Alan Dawson (horticulturist)	South Africa (Western Cape)	131	life sciences	plants	yes
Cape Times	Tuesday 31 July 2007	Times Techno 1	no	Toolkits let web users brew digital alchemy	article	journalist	Foreign newspaper: Los Angeles Times	David Sarno	America (North)	110	technology	internet and email	yes
Cape Times	Tuesday 31 July 2007	Times Techno 1	no	Morbid curiosity gives rise to site for the dead	article	journalist	News agency: Sapa	Meghan Barr	America (North)	88	technology	internet and email	no
Cape Times	Tuesday 31 July 2007	Times Techno 1	no	Silver surfers' boost online sales	article	journalist	Foreign newspaper: The Independent	no name	America (North)	8	technology	internet and email	no
Cape Times	Tuesday 31 July 2007	Times Techno 1	no	Researchers to test hybrid car	article	journalist	News agency: Sapa	no name	America (North)	17	physical sciences	energy (electricity)	yes
Cape Times	Tuesday 31 July 2007	Times Techno 1	no	Microsoft buys net advertiser	article	journalist	News agency: Sapa	no name	America (North)	16	technology	internet and email	no
Cape Times	Tuesday 31 July 2007	Times Techno 2	no	Free music requires no space	article	journalist	News agency: The Big Eyed Deer	Jozua Malherbe	South Africa (general)	67	technology	internet and email	yes
Cape Times	Tuesday 31 July 2007	Times Techno 2	no	Space station needs to sober up after humiliating reports	article	journalist	News agency: The Big Eyed Deer	Marcin Modzynski	America (North)	91	physical sciences	astronomy	no
Cape Times	Tuesday 31 July 2007	Times Techno 2	no	Switched On: When information overload becomes a drag	column	journalist	Cape Times	Andrew Parker	South Africa (general)	103	technology	computers	yes
Cape Times	Tuesday 31 July 2007	Times Techno 3	no	Cutting Edge: Robotic development aids humanity	column	journalist	News agency: The Big Eyed Deer	Gillian Armstrong	Europe (UK and Ireland)	80	technology	other	yes
Cape Times	Tuesday 31 July 2007	Times Techno 3	no	Gizmos you've just got to have: Proof that less is more	article	journalist	News agency: The Big Eyed Deer	Sebastian Stent	South Africa (general)	21	technology	other	yes
Cape Times	Tuesday 31 July 2007	Times Techno 3	no	Gizmos you've just got to have: Grassroots spring to life	article	journalist	News agency: The Big Eyed Deer	Sebastian Stent	South Africa (general)	22	technology	other	no

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**Appendix C:** Science coverage data for the *Cape Times* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Cape Times	Tuesday 31 July 2007	Times Techno 3	no	Meet your new Albert Einstein	article	journalist	News agency: Sapa	Chris Wright	Asia (Far East and Russia)	108	technology	other	yes

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## **Appendix D:**

Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Friday 1 June 2007	1	yes	Staat se wile staak	article	journalist	Die Burger	Ilse Fredericks, Diana-Marié Strydom and Alet Rademeyer	South Africa (Western Cape)	82	medicine and health	hospital strike	no
Die Burger	Friday 1 June 2007	2	no	Dis wat Radebe wou gijthou	article	journalist	Die Burger	Adriaan Basson and Cobus Coetzee	South Africa (Gauteng)	80	technology	computers	yes
Die Burger	Friday 1 June 2007	4	no	Kaap hou asem op na Koeberg se eenheid 2 staak	article	journalist	Die Burger	Leandra de Waal	South Africa (Western Cape)	36	physical sciences	energy (nuclear)	yes
Die Burger	Friday 1 June 2007	5	no	Derde van SA sien geen probleem met rook	article	journalist	Die Burger	Amanda Tongha	South Africa (general)	73	medicine and health	smoking	yes
Die Burger	Friday 1 June 2007	6	no	Kindersterfte neem toe, hoor MRK	article	journalist	Die Burger	Fanie van Rooyen	South Africa (general)	64	medicine and health	nutrition	yes
Die Burger	Friday 1 June 2007	9	no	Vleende Britte	photograph	photographer	News agency: Reuters	no name	Europe (UK and Ireland)	4	physical sciences	astronomy	no
Die Burger	Friday 1 June 2007	14	no	SA landkunsenaar een van 40 wat aan reisende uitstalling deelneem	article	journalist	Die Burger	Willem de Vries	Europe (other)	46	earth sciences	climate change	no
Die Burger	Friday 1 June 2007	15	no	G8 'moet energie beter benut'	article	journalist	Die Burger	Jorisna Bonthuys	Europe (other)	88	earth sciences	climate change	yes
Die Burger	Friday 1 June 2007	15	no	Voorsate dalk vroer op 2 bene	article	journalist	Die Burger	Elsabé Brits	Europe (UK and Ireland)	89	life sciences	evolution	yes
Die Burger	Monday 4 June 2007	1	yes	Staking ontwrig steeds	article	journalist	Die Burger	Eugene Gunning	South Africa (Western Cape)	85	medicine and health	hospital strike	no
Die Burger	Monday 4 June 2007	4	no	Dis reen, dis wind, dis water...	article	journalist	Die Burger	Cherice Smith	South Africa (Western Cape)	99	earth sciences	meteorology	yes
Die Burger	Monday 4 June 2007	4	no	Jeug nie in sak en as	photograph	photographer	Die Burger	Leanne Stander	South Africa (Western Cape)	2	life sciences	environment and pollution	no
Die Burger	Monday 4 June 2007	4	no	Koeberg se eenheid 2 buite werking	article	journalist	Die Burger	Cherice Smith	South Africa (Western Cape)	45	physical sciences	energy (nuclear)	yes
Die Burger	Monday 4 June 2007	6	no	Kampvegter: 'Dood weens obsessie, nie Delft'	column	journalist	Die Burger	Florence de Vries Morgan	Europe (UK and Ireland)	52	medicine and health	other	yes

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Monday 4 June 2007	7	no	Poet rig waarskuwing aan VSA oor missiele	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	93	physical sciences	energy (nuclear)	no
Die Burger	Monday 4 June 2007	7	no	Bloedige betogings voor G8 in Duitsland vergader	article	journalist	News agency: Sapa	no name	Europe (other)	71	earth sciences	climate change	no
Die Burger	Monday 4 June 2007	8	no	Klassieke Klank: KFO opname van Alfred Schnittke se 'Nagasaki' van wereldbelang	column	journalist	Die Burger	Kobus van der Merwe	Asia (Far East and Russia)	101	physical sciences	energy (nuclear)	no
Die Burger	Monday 4 June 2007	9	no	Zim-hospitale nou heeltemal verlam	article	journalist	Die Burger	Tangai Chipangura	Asia (Far East and Russia)	32	medicine and health	hospital strike	no
Die Burger	Monday 4 June 2007	9	no	Vier Kapenaars stap 2500km vir Rooi Kruis	article	journalist	Die Burger	Lara Atson	South Africa (Western Cape)	85	medicine and health	healthcare administration (other)	no
Die Burger	Monday 4 June 2007	10	no	Maandag Akteel: Kans om verintenis tot mediavirheid te hernu	column	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (Gauteng)	115	technology	computers	no
Die Burger	Monday 4 June 2007	10	no	eNatis-chaos	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (Gauteng)	36	technology	computers	yes
Die Burger	Monday 4 June 2007	11	no	Book Review: Hoogs persoonlike, aangrypende vinjetjie, nie tranetrekke	article	scientist or specialist	Die Burger	Niel le Roux (uitvoerende hoof van die Suidoosterfees)	South Africa (general)	114	medicine and health	Aids	no
Die Burger	Monday 4 June 2007	Jip page 2	no	Klipgooi Glashuis: Die kinders lees nie meer nie - hulle kyk YouTube	column	journalist	Die Burger	Hunter Kennedy	South Africa (general)	70	technology	internet and email	no
Die Burger	Monday 4 June 2007	Jip page 2	no	Depressie: gee dit 'n dubbele uitklophou	article	journalist	Other: Seventeen	Christine Clark	South Africa (general)	30	medicine and health	mental health	yes
Die Burger	Monday 4 June 2007	Jip page 4	no	Is rook in of uit?	article	journalist	Other: Seventeen	Yumna Martin	South Africa (general)	40	medicine and health	smoking	yes
Die Burger	Tuesday 5 June 2007	2	no	Staat se 6.5%-aanbod summier verwerp	article	journalist	Die Burger	Ema Buffel, Una Cupido, Ilse Fredericks	South Africa (Western Cape)	125	medicine and health	hospital strike	no

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Tuesday 5 June 2007	3	no	Vullis-animatie bring pryse in die sak	article	journalist	Die Burger	Lara Atson	South Africa (Western Cape)	88	life sciences	environment and pollution	no
Die Burger	Tuesday 5 June 2007	5	no	Nog koue weer laat Eskom sidder	article	journalist	Die Burger	Arnold Ras	South Africa (Western Cape)	90	earth sciences	meteorology	yes
Die Burger	Tuesday 5 June 2007	6	no	Fotoblad: Derde wenner more bekend (with five photographs)	article	journalist	Die Burger	no name	South Africa (Western Cape)	30	life sciences	animals (pets)	no
Die Burger	Tuesday 5 June 2007	7	no	Dol oor jou	photograph	photographer	News agency: Reuters	no name	Asia (Far East and Russia)	2	life sciences	animals (marine)	no
Die Burger	Tuesday 5 June 2007	8	no	Lugmag help gestremde kinders	article	journalist	Die Burger	Michele O'Connor	South Africa (Western Cape)	56	medicine and health	diseases and treatment	no
Die Burger	Tuesday 5 June 2007	8	no	Gespanne situasie op Ertjieskloof Vrydag op spits gedryf	article	journalist	Die Burger	Eugene Gunning	South Africa (Western Cape)	54	life sciences	agriculture	no
Die Burger	Tuesday 5 June 2007	9	no	Knysna het net olifante 'gemis'	article	journalist	News agency: Sapa	no name	South Africa (Western Cape)	35	life sciences	animals (wildlife)	yes
Die Burger	Tuesday 5 June 2007	12	no	eNatis-geheime: Die stelsel wat almal ontstel	cartoon	cartoonist	Die Burger	Fred Mouton	South Africa (general)	none	technology	computers	no
Die Burger	Tuesday 5 June 2007	13	no	Verswelg deur gemors	article	scientist or specialist	Die Burger	Janine Johnston (organiseerder van die tentoonstelling van natuurlike en organiese produkte, wat in Oktober in die Kaapstadse Internasionale Konferensie-sentrum aangebied sal word)	South Africa (Western Cape)	202	life sciences	environment and pollution	yes
Die Burger	Tuesday 5 June 2007	13	no	Hoef dit nie te bewys	letter	scientist or specialist	n/a	Dr Bernard Ficker, Somerset-Wes	South Africa (Western Cape)	49	life sciences	evolution	yes

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Tuesday 5 June 2007	13	no	Siektes versorg nou siektes	letter	public	n/a	Frans Rademeyer, Oudtshoorn	South Africa (Western Cape)	8	medicine and health	hospital strike	no
Die Burger	Tuesday 5 June 2007	Buite 1	no	Serengeti oorweldig jou sintuie	photograph	photographer	Die Burger	Jean du Plessis	Africa	3	life sciences	animals (wildlife)	no
Die Burger	Tuesday 5 June 2007	Buite 2	no	Bereik nuwe hoogtes op Harkerville-staproeie	article	journalist	Die Burger	Karen Watkins	South Africa (Western Cape)	123	life sciences	environment and pollution	no
Die Burger	Tuesday 5 June 2007	Buite 2	no	Buite: Verlostig jou in topfoto's se pragtige natuurfoto's	column	journalist	Die Burger	Eben Human	Africa	46	life sciences	environment and pollution	no
Die Burger	Tuesday 5 June 2007	Buite 3	no	Vra vir Ernst: Beskerm aalwyn teen swamme	column	scientist or specialist	Die Burger	Ernst van Jaarsveld	South Africa (general)	138	life sciences	plants	yes
Die Burger	Tuesday 5 June 2007	Buite 4 and 5	no	Serengeti 'n natuurparadys	article	journalist	Die Burger	Elsa Wessels	Africa	178	life sciences	animals (wildlife)	yes
Die Burger	Tuesday 5 June 2007	Buite 6	no	Sterrekyk: Aandster skyn al hoe helderder	column	scientist or specialist	Die Burger	Auke Slotegraaf (voorsitter van die Sterrekundevereniging)	South Africa (general)	113	physical sciences	astronomy	yes
Die Burger	Tuesday 5 June 2007	Buite 8	no	Voelpraatjies: Heilige skoorsteenvaar kan ook boelie wees	column	scientist or specialist	Die Burger	Prof Morne du Plessis (direkteur van die DST-sentrum vir Uitnemendheid in die Percy FitzPatrick Instituut vir Afrika-ornitologie aan die Universiteit van Kaapstad)	South Africa (Western Cape)	100	life sciences	animals (birds)	yes
Die Burger	Wednesday 6 June 2007	2	no	Regstappe kom teen ontwrigters	article	journalist	Die Burger	Ilse Frederick, Una Cupido and Edrea Cloete	South Africa (Western Cape)	104	medicine and health	hospital strike	yes
Die Burger	Wednesday 6 June 2007	2	no	Cosatu staak dak saam	article	journalist	Die Burger	Jan de Lange	South Africa (general)	88	medicine and health	hospital strike	no

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Wednesday 6 June 2007	2	no	Dit is die feite	column	journalist	Die Burger	George Claassen	South Africa (Western Cape)	17	medicine and health	other	no
Die Burger	Wednesday 6 June 2007	4	no	Perlemoenbedryf straks gesluit	article	journalist	Die Burger	Anesca Smith	South Africa (Western Cape)	102	life sciences	animals (marine)	yes
Die Burger	Wednesday 6 June 2007	4	no	Skool-omgewingsprogram uitgebrei	article	journalist	Die Burger	Arnold Ras	South Africa (Western Cape)	66	life sciences	environment and pollution	yes
Die Burger	Wednesday 6 June 2007	5	no	Kaapstad steek stok in wiel van naak-fietstoer	article	journalist	Die Burger	Le Roux Schoeman	South Africa (Western Cape)	72	life sciences	environment and pollution	no
Die Burger	Wednesday 6 June 2007	6	no	Fotoblad: Derde wenfoto aangewys (with six photographs)	article	journalist	Die Burger	no name	South Africa (Western Cape)	32	life sciences	animals (pets)	no
Die Burger	Wednesday 6 June 2007	7	no	Manto nie by kongres	article	journalist	Die Burger	Diana-Marié Strydom and Antoinette Pienaar	South Africa (KwaZulu-Natal)	92	medicine and health	Aids	yes
Die Burger	Wednesday 6 June 2007	7	no	Toets alle pasgebore babas vir MIV, se kenner	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (KwaZulu-Natal)	72	medicine and health	Aids	yes
Die Burger	Wednesday 6 June 2007	11	no	Zimbabwe betaal meer vir onderbroke krag	article	journalist	News agency: Sapa	no name	Africa	27	physical sciences	energy (electricity)	no
Die Burger	Wednesday 6 June 2007	13	no	Raad stuit R45 m. vir park	article	journalist	Die Burger	Eugene Gunning	South Africa (Western Cape)	84	life sciences	environment and pollution	no
Die Burger	Wednesday 6 June 2007	13	no	Unieke gebeurtenis, unieke data	article	journalist	Die Burger	Elsabé Brits	South Africa (Western Cape)	54	physical sciences	astronomy	yes
Die Burger	Wednesday 6 June 2007	14	no	Datering is wel akkuraat	letter	public	n/a	Vos Pienaar, Saldanha	South Africa (Western Cape)	14	earth sciences	palaeontology and archaeology	yes
Die Burger	Wednesday 6 June 2007	14	no	Van alle kante: Oom Jantjie en die Samaritaan	column	journalist	Die Burger	Anesca Smith	South Africa (Western Cape)	84	medicine and health	healthcare administration (other)	no

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Wednesday 6 June 2007	Leefst yl page 3	no	Die kat is toe baas (with one photograph)	article	journalist	Die Burger	Johann van Tonder	South Africa (Western Cape)	42	life sciences	animals (pets)	no
Die Burger	Wednesday 6 June 2007	Leefst yl page 7	no	Tuinlewe: Maak vanjaar 'n lirie-jaar	column	scientist or specialist	Die Burger	Anna Celliers	South Africa (Western Cape)	210	life sciences	plants	yes
Die Burger	Thursday 7 June 2007	1	yes	Staking kwel leiders	article	journalist	Die Burger	Leon-Ben Lamprecht, Una Cupido, Ilse Fredericks and Arnold Ras	South Africa (Western Cape)	82	medicine and health	hospital strike	no
Die Burger	Thursday 7 June 2007	2	no	Probleme met eNatis uitgestryk	article	journalist	Die Burger	Rajaa Azzakani	South Africa (Western Cape)	59	technology	computers	no
Die Burger	Thursday 7 June 2007	6	no	Fotoblad: E-posmaandjie bult al met 4000 inskrywings (with seven photographs)	article	journalist	Die Burger	no name	South Africa (Western Cape)	48	life sciences	animals (pets)	no
Die Burger	Thursday 7 June 2007	7	no	Kleiner MIV-risiko met bloedoortappings	article	journalist	Die Burger	Antoinette Pienaar	South Africa (KwaZulu-Natal)	73	medicine and health	Aids	yes
Die Burger	Thursday 7 June 2007	7	no	Studie oor baie seksmaats skok	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (KwaZulu-Natal)	40	medicine and health	Aids	yes
Die Burger	Thursday 7 June 2007	7	no	MIV-endstof sukkel, maar wookomende jêl kom daik gou	article	journalist	Die Burger	Antoinette Pienaar	South Africa (KwaZulu-Natal)	25	medicine and health	Aids	yes
Die Burger	Thursday 7 June 2007	7	no	Politiekery mag nie konferensie oorheers nie	article	journalist	Die Burger	Antoinette Pienaar	South Africa (KwaZulu-Natal)	88	medicine and health	Aids	no
Die Burger	Thursday 7 June 2007	10	no	Perlemoenplan meestal verwelkom	article	journalist	Die Burger	Anesca Smith	South Africa (Western Cape)	40	life sciences	animals (marine)	no
Die Burger	Thursday 7 June 2007	12	no	Man, bok dood na botsing	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	37	life sciences	animals (wildlife)	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Thursday 7 June 2007	14	no	Satellietfoto's van Darfoer op internet	article	journalist	News agency: Reuters	no name	Africa	50	technology	telecommunication	no
Die Burger	Thursday 7 June 2007	14	no	Mensdom sny sy eie keel af - biskop	article	journalist	Die Burger	Elise Tempelhoff	South Africa (Gauteng)	37	life sciences	environment and pollution	no
Die Burger	Thursday 7 June 2007	14	no	Hy laat harte smelt	photograph	photographer	News agency: Reuters	no name	Europe (other)	3	life sciences	animals (marine)	no
Die Burger	Thursday 7 June 2007	14	no	Diere het elkeen 'n eie persoonlikheid	article	journalist	Die Burger	Elsabé Brits	America (North)	57	life sciences	animals (wildlife)	yes
Die Burger	Thursday 7 June 2007	17	no	Leerdors wen oorsee	article	journalist	Die Burger	Leon-Ben Lamprecht	Europe (other)	97	physical sciences	energy (electricity)	no
Die Burger	Thursday 7 June 2007	18	no	Van alle kante: ou Niek draai onder rond	column	journalist	Die Burger	Martie Retief Meiring	South Africa (general)	84	medicine and health	hospital strike	no
Die Burger	Thursday 7 June 2007	18	no	G8-beraad	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	Europe (other)	36	physical sciences	energy (nuclear)	no
Die Burger	Thursday 7 June 2007	18	no	Weinig simpatie met die stakers	letter	scientist or specialist	n/a	Dr GH Weideman, Belville	South Africa (Western Cape)	56	medicine and health	hospital strike	no
Die Burger	Thursday 7 June 2007	19	no	Vryburger: Oor Thabo se kleintjie en JZ se grote	column	journalist	Die Burger	Vryburger	South Africa (general)	19	technology	internet and email	no
Die Burger	Thursday 7 June 2007	19	no	Haar somme klop nie	letter	scientist or specialist	n/a	Dr Johan Steenkamp, Tamboerskloof	South Africa (general)	45	physical sciences	mathematics	yes
Die Burger	Friday 8 June 2007	1	no	Soldate, polisie by skole en hospitale ontplooi	article	journalist	Die Burger	Leon-Ben Lamprecht, Carryn-Ann Nel and Una Cupido	South Africa (Western Cape)	49	medicine and health	hospital strike	no
Die Burger	Friday 8 June 2007	2	no	Hospitaalhoë 'ongemaklik' na rede	article	journalist	Die Burger	Pieter du Toit	South Africa (Western Cape)	74	medicine and health	healthcare administration (other)	no
Die Burger	Friday 8 June 2007	2	no	Paaië toe, trein ontpoor na swaar reen op platteland	article	journalist	Die Burger	Cherice Smith	South Africa (Western Cape)	103	earth sciences	meteorology	yes
Die Burger	Friday 8 June 2007	4	no	Babas in Worcester glo aan TB blootgestel	article	journalist	Die Burger	Jackie Pienaar	South Africa (Western Cape)	79	medicine and health	diseases and treatment	yes
Die Burger	Friday 8 June 2007	8	no	Vigsmiddel landwyd onttrek	article	journalist	Die Burger	Elsabé Brits	South Africa (general)	28	medicine and health	Aids	yes

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Friday 8 June 2007	8	no	Vitamiëaanvullings 'geldmors'	article	journalist	Die Burger	Antoinette Pienaar	South Africa (KwaZulu-Natal)	102	medicine and health	Aids	yes
Die Burger	Friday 8 June 2007	8	no	SA besin oor vordering met MIV/Vigs	article	journalist	Die Burger	Antoinette Pienaar	South Africa (KwaZulu-Natal)	72	medicine and health	Aids	no
Die Burger	Friday 8 June 2007	9	no	Bestaansviessers 'hoef nie meer te stroop'	article	journalist	Die Burger	Llewellyn Prince	South Africa (Western Cape)	98	life sciences	animals (marine)	no
Die Burger	Friday 8 June 2007	9	no	Griep en koue weer laat bloedskenkers tuis bly	article	journalist	Die Burger	Samarie Smith	South Africa (Western Cape)	43	medicine and health	diseases and treatment	yes
Die Burger	Friday 8 June 2007	12	no	NG besluite	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (general)	38	physical sciences	astronomy	yes
Die Burger	Friday 8 June 2007	12	no	Dr. Manto	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (KwaZulu-Natal)	36	medicine and health	Aids	no
Die Burger	Friday 8 June 2007	13	no	Ombudsman: Regverdigheid beteken nie altyd balans nie	column	journalist	Die Burger	George Claassen	South Africa (Western Cape)	117	science and beliefs	science and religion	yes
Die Burger	Friday 8 June 2007	Nawee k-Joernal page 4	no	Quiche en keur voor jou eie deur	article	journalist	Die Burger	Jeanne Hugo	South Africa (Western Cape)	194	technology	internet and email	no
Die Burger	Monday 11 June 2007	2	no	Stakers vandag afgedank	article	journalist	Die Burger	Millicent Merton	South Africa (Western Cape)	131	medicine and health	hospital strike	no
Die Burger	Monday 11 June 2007	2	no	Voedsake aan Weskus, in Swartland te bowe gekom	article	journalist	Die Burger	Leandra de Waal	South Africa (Western Cape)	113	earth sciences	meteorology	yes
Die Burger	Monday 11 June 2007	4	no	Regering se MIV/vigs-program vir swanger vroue toon resultate	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (general)	80	medicine and health	Aids	yes

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Die Burger	Monday 11 June 2007	5	no	Dit was gister in Lahore, Pakistan, so ondraaglik warm toe die dagtemperatuur tot 48 grade Celsius (118.4 grade Fahrenheit) gestyg het	photograph	photographer	News agency: Reuters	no name	Asia (Middle East and India)	3	earth sciences	meteorology	yes
Die Burger	Monday 11 June 2007	5	no	Vervoer-department voor Skoor gedaag oor e-Natis	article	journalist	Die Burger	Philda Essop	South Africa (general)	80	technology	computers	no
Die Burger	Monday 11 June 2007	10	no	Kidjo, Maai, Mahlasela staan saam vir planeet	article	journalist	Die Burger	no name	South Africa (Gauteng)	56	earth sciences	climate change	no
Die Burger	Monday 11 June 2007	11	no	Lee gasbottels kan hitte aan duisended verskak	article	journalist	Die Burger	Schalk Mouton	South Africa (Gauteng)	33	physical sciences	energy (oil and gas)	no
Die Burger	Monday 11 June 2007	11	no	Britse hantering van viglyers loop deur	article	journalist	Die Burger	Antoinette Pienaar	Europe (UK and Ireland)	70	medicine and health	Aids	no
Die Burger	Monday 11 June 2007	11	no	Groenes ontsteld oor moontlike kernkrag	article	journalist	Die Burger	Samarie Smith	South Africa (Western Cape)	98	physical sciences	energy (nuclear)	yes
Die Burger	Monday 11 June 2007	11	no	Stamselle kan nou 'vervaardig' word	article	journalist	Die Burger	Elsabé Brits	America (North)	80	life sciences	genetics	yes
Die Burger	Monday 11 June 2007	11	no	Europeers offer straks by grafte	article	journalist	Die Burger	Elsabé Brits	Europe (other)	74	earth sciences	palaeontology and archaeology	yes
Die Burger	Monday 11 June 2007	12	no	Van alle kante: Betoteld oor bye en blomme	column	journalist	Die Burger	Maureen Joubert	South Africa (Western Cape)	84	life sciences	animals (wildlife)	yes
Die Burger	Monday 11 June 2007	12	no	Rampbestuur	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (Western Cape)	38	earth sciences	meteorology	no
Die Burger	Monday 11 June 2007	12	no	Gesondheid	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (general)	36	medicine and health	healthcare administration (other)	no
Die Burger	Monday 11 June 2007	Jip page 4	no	Help so om self jou omgewing te red	letter	public	n/a	Ami Philp, gr. 12, Hoer Meisieskool Bloemhof	South Africa (Western Cape)	93	life sciences	environment and pollution	yes
Die Burger	Tuesday 12 June 2007	1	yes	Aikona vir staat se 7.2%	article	journalist	Die Burger	Jan de Lange and Philda Essop	South Africa (Western Cape)	106	medicine and health	hospital strike	no

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Die Burger	Tuesday 12 June 2007	1	no	Snelwee word waterwee	photograph	photographer	Die Burger	Yunus Mohamed	South Africa (Western Cape)	20	earth sciences	meteorology	no
Die Burger	Tuesday 12 June 2007	2	no	Kaap skep asem na vloede	article	journalist	Die Burger	Cherice Smith and Arnold Ras	South Africa (Western Cape)	113	earth sciences	meteorology	yes
Die Burger	Tuesday 12 June 2007	2	no	Stakers 'moet vasbyt na afdankings'	article	journalist	Die Burger	Diana-Marié Strydom, Ilse Fredericks and Carryn-Ann Nel	South Africa (Western Cape)	105	medicine and health	hospital strike	no
Die Burger	Tuesday 12 June 2007	2	no	Soveel verdien verpleeglui	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	64	medicine and health	hospital strike	no
Die Burger	Tuesday 12 June 2007	4	no	Gesin eis R1,2 m. na ma se dood	article	journalist	Die Burger	Marelize Barnard	South Africa (Western Cape)	87	medicine and health	healthcare administration (malpractice)	yes
Die Burger	Tuesday 12 June 2007	6	no	Sebra laat verkeer op N1 opdam	article	journalist	Die Burger	Rowena Leibbrandt	South Africa (Free State)	56	life sciences	animals (wildlife)	no
Die Burger	Tuesday 12 June 2007	6	no	Betaal plaaswerkers liewer met kos, klere'	article	journalist	Die Burger	Eugene Gunning	South Africa (Western Cape)	94	life sciences	agriculture	yes
Die Burger	Tuesday 12 June 2007	7	no	Massiefste ster tot nog gevind	article	journalist	Die Burger	Elsabé Brits	America (North)	47	physical sciences	astronomy	yes
Die Burger	Tuesday 12 June 2007	7	no	Indiers 'sien harige reuse' in oerwoud	article	journalist	News agency: Agence France-Presse (AFP)	no name	Asia (Middle East and India)	28	science and beliefs	pseudoscience and superstitions	no
Die Burger	Tuesday 12 June 2007	8	no	Fotoblad: Viende weekwenner more aangekondig (with eight photographs)	article	journalist	Die Burger	no name	South Africa (Western Cape)	46	life sciences	animals (pets)	no
Die Burger	Tuesday 12 June 2007	11	no	Storm eis tientalle in Bangladesj	article	journalist	News agency: Reuters	no name	Asia (Middle East and India)	16	earth sciences	meteorology	no
Die Burger	Tuesday 12 June 2007	11	no	Duisende Indonesiese eilande kort name	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	20	earth sciences	geology	no
Die Burger	Tuesday 12 June 2007	12	no	Die staking	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (general)	38	medicine and health	hospital strike	no

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Die Burger	Tuesday 12 June 2007	12	no	Vakbonde - Regering	cartoon	cartoonist	Die Burger	Fred Mouton	South Africa (general)	none	medicine and health	hospital strike	no
Die Burger	Tuesday 12 June 2007	13	no	Waar is die ingenieurs heen?	article	journalist	Die Burger	Rajaa Azzakani	South Africa (general)	287	technology	other	no
Die Burger	Tuesday 12 June 2007	13	no	Blouwillemaandag op 'n Dinsdag: Soldate doen iets sinvol vir piepols	column	journalist	Die Burger	Blou Willem	South Africa (general)	85	science and beliefs	pseudoscience and superstitions	no
Die Burger	Tuesday 12 June 2007	13	no	Onkunde knou kennis	letter	public	n/a	Geert de Boon, Blaauwberg	South Africa (Western Cape)	43	science and beliefs	science and religion	no
Die Burger	Tuesday 12 June 2007	13	no	Kyk na lesersvoorkeure	letter	scientist or specialist	n/a	Dr IW Ferreira, Kaapstad	South Africa (Western Cape)	44	science and beliefs	science and religion	no
Die Burger	Tuesday 12 June 2007	Buite 2	no	Buite: Lesers vaar Sandveld in	column	journalist	Die Burger	Eben Human	South Africa (Western Cape)	44	life sciences	environment and pollution	no
Die Burger	Tuesday 12 June 2007	Buite 2	no	Vra vir Ernst: Piramideboom skrik nie vir souterige seelug	column	scientist or specialist	Die Burger	Ernst van Jaarsveld	South Africa (general)	243	life sciences	plants	yes
Die Burger	Tuesday 12 June 2007	Buite 3	no	Verskeidenheid voels in die Karoo	article	journalist	Die Burger	Erina Botha	South Africa (Eastern Cape)	143	life sciences	animals (birds)	yes
Die Burger	Tuesday 12 June 2007	Buite 6	no	Op spoor van natuurlewe met Mills	article	journalist	Die Burger	Eben Human	South Africa (Northern Cape)	157	life sciences	animals (wildlife)	yes
Die Burger	Tuesday 12 June 2007	Buite 8	no	Uit verre Afrika: Angolese kom kuier by ons kamp	column	journalist	Die Burger	Kingsley Holgate	Africa	254	life sciences	environment and pollution	no
Die Burger	Wednesday 13 June 2007	2	no	TAC wil interdik kry teen afdankings	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	98	medicine and health	hospital strike	yes
Die Burger	Wednesday 13 June 2007	3	no	SA beeldhouer se werk opgeveil	article	journalist	Die Burger	Joylene van Wyk	Europe (UK and Ireland)	51	life sciences	animals (wildlife)	no
Die Burger	Wednesday 13 June 2007	4	no	Matthias Rath wen lastereis teen Britse blad	article	journalist	Die Burger	Buitelandse Kantoor	Europe (UK and Ireland)	36	medicine and health	Aids	no
Die Burger	Wednesday 13 June 2007	4	no	Rath moet binne 14 dae dokumente aan Asmal gee	article	journalist	Die Burger	Marelize Barnard	South Africa (Western Cape)	27	medicine and health	Aids	no

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Die Burger	Wednesday 13 June 2007	6	no	Fotoblad: Boela loer 'n prys los (with six photographs)	article	journalist	Die Burger	no name	South Africa (Western Cape)	30	life sciences	animals (pets)	no
Die Burger	Wednesday 13 June 2007	9	no	Fraser-Moleketi staan bont oor penigte van skikking	article	journalist	Die Burger	Mandy Rossouw	South Africa (Gauteng)	85	medicine and health	hospital strike	no
Die Burger	Wednesday 13 June 2007	9	no	Wet kom oor burgermag-oproep	article	journalist	Die Burger	Deon de Lange	South Africa (general)	70	medicine and health	hospital strike	no
Die Burger	Wednesday 13 June 2007	10	no	Nou le herstel vir W-Kaap voor	article	journalist	Die Burger	Cherice Smith	South Africa (Western Cape)	85	earth sciences	meteorology	no
Die Burger	Wednesday 13 June 2007	10	no	Minister besluit nie oor Koeberg	article	journalist	Die Burger	Marelize Barnard	South Africa (Western Cape)	117	physical sciences	energy (nuclear)	no
Die Burger	Wednesday 13 June 2007	10	no	Katolieke 'sal Maria-verskyning deeglik bekijk'	article	journalist	Die Burger	Neels Jackson	South Africa (Gauteng)	48	science and beliefs	science and religion	no
Die Burger	Wednesday 13 June 2007	15	no	Nie net Bybelse norme	letter	public	n/a	Danie Schreuder, Veldrif	South Africa (Western Cape)	46	science and beliefs	science and religion	no
Die Burger	Wednesday 13 June 2007	Leefst yl page 5	no	Moette sonder goeie resultaat nie beloon	article	journalist	Die Burger	Johann van Tonder	South Africa (Western Cape)	72	life sciences	animals (pets)	no
Die Burger	Wednesday 13 June 2007	Leefst yl page 7	no	Tuinlewe: Winterplanne vir jou tuin	column	scientist or specialist	Die Burger	Anna Celliers	South Africa (Western Cape)	149	life sciences	plants	yes
Die Burger	Thursday 14 June 2007	1	yes	Stakers mors erg	article	journalist	Die Burger	Gert Coetzee and Philida Essop	South Africa (Western Cape)	96	medicine and health	hospital strike	no
Die Burger	Thursday 14 June 2007	4	no	Rampokkery-saak byna afgehandel	article	journalist	Die Burger	Alethea Nieuwenhuizen	South Africa (Western Cape)	74	life sciences	animals (marine)	no
Die Burger	Thursday 14 June 2007	6	no	Skenk bloed saam met kollegas	article	journalist	Die Burger	Samarie Smith	South Africa (Western Cape)	69	medicine and health	other	yes
Die Burger	Thursday 14 June 2007	7	no	Verrassende ontdekking oor DNS	article	journalist	Die Burger	Elisabé Brits	America (North)	66	life sciences	genetics	yes

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Die Burger	Thursday 14 June 2007	10 and 11	no	Fotoblad: Leserfoto's smeek om groter hap uit koerant (with six photographs)	article	journalist	Die Burger	no name	South Africa (Western Cape)	21	life sciences	animals (pets)	no
Die Burger	Thursday 14 June 2007	14	no	Seeboewe laat SAOG-vlote nouer saamwerk - Lekota	article	journalist	Die Burger	Michele O'Connor	South Africa (general)	65	life sciences	animals (marine)	no
Die Burger	Thursday 14 June 2007	15	no	Achtergrond: Eksodus van medici uit Afrika	column	journalist	Die Burger	Jannie Ferreira	Africa	63	medicine and health	healthcare administration (other)	yes
Die Burger	Thursday 14 June 2007	18	no	Foto's is lig in die duisternis	letter	public	n/a	Fido, Bellville	South Africa (Western Cape)	19	life sciences	animals (pets)	no
Die Burger	Thursday 14 June 2007	19	no	Geen sprake van balans	letter	public	n/a	Derek van Rensburg, Somerset Wes	South Africa (Western Cape)	33	science and beliefs	science and religion	no
Die Burger	Thursday 14 June 2007	19	no	Ignoreer vrage aanhoudend (Hierdie debat word hiermee afgesluit - Red.DB.)	letter	public	n/a	JA van den Heever, Stellenbosch, and LW Retief, Bellville	South Africa (Western Cape)	54	science and beliefs	science and religion	yes
Die Burger	Friday 15 June 2007	1 and 2	no	Ma moes self baba vang in hospitaal	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	93	medicine and health	healthcare administration (malpractice)	yes
Die Burger	Friday 15 June 2007	2	no	TAC soek interdik teen verdere afdankings (Hierdie debat word hiermee afgesluit - Red.DB.)	article	journalist	Die Burger	Ilse Fredericks, Leon Ben Lamprecht and Diana-Marié Strydom	South Africa (Western Cape)	104	medicine and health	hospital strike	no
Die Burger	Friday 15 June 2007	3	no	Jooi en Amor in gesondheidsuitdaging	article	journalist	Die Burger	Danel Blaauw	South Africa (Gauteng)	53	science and beliefs	pseudoscience and superstitions	no
Die Burger	Friday 15 June 2007	12	no	Vloedskadede beloop meer as R85,5 m.	article	journalist	Die Burger	Cherice Smith	South Africa (Western Cape)	74	earth sciences	meteorology	yes
Die Burger	Friday 15 June 2007	12	no	Meer as R50 m. vir Wes-Kaapse landbou	article	journalist	Die Burger	Eugene Gunning	South Africa (Western Cape)	92	life sciences	agriculture	no

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Die Burger	Friday 15 June 2007	18	no	Weskus-ekosistiem onder druk	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	197	earth sciences	water	yes
Die Burger	Friday 15 June 2007	19	no	Chemiese kastratie wag op Britse seksoordraders	article	journalist	Die Burger	Joylene van Wyk	Europe (UK and Ireland)	35	medicine and health	other	no
Die Burger	Friday 15 June 2007	20	no	Geveerde oerdier verras	article	journalist	Die Burger	Elsabé Brits	Asia (Far East and Russia)	62	earth sciences	palaeontology and archaeology	yes
Die Burger	Friday 15 June 2007	20	no	Handel in ivoor bly v ir nege jaar verbode	article	journalist	Die Burger	Jorisna Bonthuys	Africa	100	life sciences	animals (wildlife)	yes
Die Burger	Friday 15 June 2007	21	no	Tandepasta in SA is veilig, se groep	article	journalist	News agency: Sapa	no name	South Africa (general)	48	medicine and health	food and product safety	no
Die Burger	Friday 15 June 2007	21	no	Verpleers vies na klagtes oor skoene	article	journalist	Die Burger	Antoinette Pienaar	South Africa (general)	80	medicine and health	healthcare administration (other)	yes
Die Burger	Friday 15 June 2007	22	no	Seerowery	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (general)	38	life sciences	animals (marine)	no
Die Burger	Friday 15 June 2007	22	no	Zuma	comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (general)	36	and health	Aids	no
Die Burger	Friday 15 June 2007	Landbou 1	no	Enorme uitdagings met besproeiing	photograph	photographer	Other: Wikipedia.org	no name (Leon Louw)	South Africa (general)	2	life sciences	agriculture	no
Die Burger	Friday 15 June 2007	Landbou 1	no	Oordragsaad tameletjie vir koringbedryf	article	journalist	Die Burger	no name	South Africa (Western Cape)	33	life sciences	agriculture	yes
Die Burger	Friday 15 June 2007	Landbou 2	no	Sterk vraag na dophnes in die Suid-Kaap	article	journalist	Die Burger	no name	South Africa (Western Cape)	60	life sciences	agriculture	yes
Die Burger	Friday 15 June 2007	Landbou 2	no	Opberging was by -0,5 grade C	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	32	physical sciences	mathematics	yes
Die Burger	Friday 15 June 2007	Landbou 3	no	Sauvignon blanc floreer, vraag daarna al hoe groter	article	journalist	Die Burger	Marius Labuschagne	South Africa (Western Cape)	104	life sciences	agriculture	no
Die Burger	Friday 15 June 2007	Landbou 3	no	Wynproe-kompetisie vir kelderwerkers	article	journalist	Die Burger	no name	South Africa (Western Cape)	126	life sciences	agriculture	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Friday 15 June 2007	Landbou 3	no	CMW kry gedugte nuwe besturende direkteur	article	journalist	Die Burger	no name	South Africa (Western Cape)	46	life sciences	agriculture	no
Die Burger	Friday 15 June 2007	Landbou 4 and 5	no	So lyk relatiewe waarde van broodkoring-grade Koringmark: Soos die riviere afkom, gaan die koringprys net op	article	journalist	Die Burger	no name	South Africa (general)	201	life sciences	agriculture	yes
Die Burger	Friday 15 June 2007	Landbou 4	no	Biobedryf moet intreeboere pad wys	column	scientist or specialist	Die Burger	Jan Steyn (GrainCo)	South Africa (Western Cape)	114	life sciences	agriculture	no
Die Burger	Friday 15 June 2007	Landbou 5	no	Volhoubare teelprogramme vir koringssaad gesoek	article	journalist	Die Burger	Gert Coetzee	South Africa (general)	66	physical sciences	energy (renewable)	no
Die Burger	Friday 15 June 2007	Landbou 6	no	Kaap Agri op dreef met hulp aan opkomende boere	article	journalist	Die Burger	no name	South Africa (Western Cape)	85	life sciences	agriculture	no
Die Burger	Friday 15 June 2007	Landbou 6	no	Besoekers kan self wyn versny by Slanghoek	article	journalist	Die Burger	no name	South Africa (Western Cape)	54	life sciences	agriculture	no
Die Burger	Friday 15 June 2007	Landbou 6	no	Grondeise moet wag tot na 2008	article	journalist	Die Burger	no name	South Africa (Western Cape)	34	life sciences	agriculture	no
Die Burger	Friday 15 June 2007	Landbou 7	no	Blink gedagte' hou voels uit wingerd	article	journalist	Die Burger	no name	South Africa (general)	64	life sciences	agriculture	no
Die Burger	Friday 15 June 2007	Landbou 7	no	Kleinvee: Oordraginvloed van byvoeding in vorige jaar op produksie van oole	article	journalist	Die Burger	no name	South Africa (Western Cape)	48	life sciences	agriculture	yes
Die Burger	Friday 15 June 2007	Landbou 10	no		column	scientist or specialist	Die Burger	Tertius Brand (1ste spesialiswetenskaplike in dierevoeding by Instituut vir Direreproduksie, Eisenburg, en buitengewone professor in dierevoeding aan Universiteit Stellenbosch en Universiteit Pretoria)	South Africa (Western Cape)	103	life sciences	agriculture	yes

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Friday 15 June 2007	Landbou 10	no	Insekkundige van US kry hoe eer	article	journalist	Die Burger	no name	South Africa (Western Cape)	44	life sciences	agriculture	yes
Die Burger	Friday 15 June 2007	Landbou 10	no	Vraelys vir landbou na klagtes hersien	article	journalist	Die Burger	no name	South Africa (general)	22	life sciences	agriculture	no
Die Burger	Friday 15 June 2007	Landbou 11	no	Grondhervorming toegelig	article	journalist	Die Burger	no name	South Africa (general)	80	life sciences	agriculture	no
Die Burger	Friday 15 June 2007	Landbou 11	no	Kampioen onder SA jongwyne gesoek	article	journalist	Die Burger	no name	South Africa (Western Cape)	55	life sciences	agriculture	no
Die Burger	Friday 15 June 2007	Landbou 12	no	Gebruik chemikalee soos dit moet	article	journalist	Die Burger	no name	South Africa (general)	109	physical sciences	chemistry	yes
Die Burger	Friday 15 June 2007	Landbou 12	no	Savage wen vier trofee vir drie wyne	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	33	life sciences	agriculture	no
Die Burger	Friday 15 June 2007	Landbou 12	no	Landbouadgboek	column	journalist	Die Burger	Leon Louw	South Africa (Western Cape)	39	life sciences	agriculture	no
Die Burger	Monday 18 June 2007	2	no	Die jong vrou het Saterdag Jeugdag-verrigtinge in Harare, Khayelitsha, bygewoon wat gemik was op die voorkoming van MIV/Vigs.	photograph	photographer	Die Burger	Wiebke Witting	South Africa (Western Cape)	3	medicine and health	Aids	no
Die Burger	Monday 18 June 2007	3	no	Newton se 'vergesig' te sien	article	journalist	News agency: Sapa	no name	Europe (UK and Ireland)	20	science and beliefs	science and religion	yes
Die Burger	Monday 18 June 2007	5	no	Mugabe-grondplan 'eis duisende lewens'	article	journalist	News agency: Sapa	no name	Africa	57	life sciences	agriculture	no
Die Burger	Monday 18 June 2007	7	no	Walvis sterf 'n eeu na eerste jagtog	article	journalist	News agency: Sapa	no name	America (North)	75	life sciences	animals (marine)	yes
Die Burger	Monday 18 June 2007	7	no	Druk verkeer op N12 lat Groot Gat inkalwe	article	journalist	Die Burger	Hannatjie van der Merwe	South Africa (Northern Cape)	58	earth sciences	geology	no
Die Burger	Monday 18 June 2007	10	no	Hospitale	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (general)	38	medicine and health	healthcare administration (malpractice)	yes

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Die Burger	Monday 18 June 2007	10	no	Van alle kante: Vaders spring om bome te red	column	journalist	Die Burger	Maureen Joubert	South Africa (Western Cape)	84	life sciences	plants	no
Die Burger	Monday 18 June 2007	Jip page 6	no	Hip2b2-program soek kief wiskunde- en wetenskapsterre	article	journalist	Die Burger	no name	South Africa (general)	55	physical sciences	mathematics	no
Die Burger	Monday 18 June 2007	Jip page 6	no	Face dlt, dis die toekoms	article	journalist	Die Burger	Wortel Strydom	South Africa (general)	123	technology	internet and email	no
Die Burger	Tuesday 19 June 2007	2	no	Opsie vir 8%-verhoging ondersoek	article	journalist	News agency: Sapa	no name	South Africa (Western Cape)	82	medicine and health	hospital strike	no
Die Burger	Tuesday 19 June 2007	2	no	TAC vandag in hof oor afdankings van gesondheidswerkers	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	39	medicine and health	hospital strike	yes
Die Burger	Tuesday 19 June 2007	2	no	Mikayla is nog weg, al help vier sieners soek	article	journalist	Die Burger	Jackie Pienaar	South Africa (Western Cape)	88	science and beliefs	pseudoscience and superstitions	no
Die Burger	Tuesday 19 June 2007	4	no	Babas wag nog op TB-toetse	article	journalist	Die Burger	Malani Venter	South Africa (Western Cape)	44	medicine and health	diseases and treatment	yes
Die Burger	Tuesday 19 June 2007	6	no	Fotoblad: Laaste troeteldierfoto's, maar pret le nog voor (with nine photographs)	article	journalist	Die Burger	no name	South Africa (Western Cape)	34	life sciences	animals (pets)	no
Die Burger	Tuesday 19 June 2007	6	no	Kinderhospitaal kry vlag vir n nuwe era	article	journalist	Die Burger	Leandra de Waal	South Africa (Western Cape)	58	medicine and health	healthcare administration (other)	no
Die Burger	Tuesday 19 June 2007	10	no	Verhogings se syfers klop nie	letter	public	n/a	Bossie, Strand	South Africa (general)	49	physical sciences	mathematics	yes
Die Burger	Tuesday 19 June 2007	10	no	n Onbillike praktyk	letter	public	n/a	Errol Fester, Kraaifontein	South Africa (general)	29	medicine and health	healthcare administration (other)	no
Die Burger	Tuesday 19 June 2007	11	no	Maak internet te moeilik	letter	public	n/a	W Beukes, Limmen, Nederland	South Africa (general)	27	technology	internet and email	no
Die Burger	Tuesday 19 June 2007	11	no	Die medisyne nie soos tik	letter	public	n/a	Nokkie Hartman, Somerset-Wes	South Africa (general)	36	medicine and health	other	no

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Die Burger	Tuesday 19 June 2007	Buite 1	no	Hier is jou gids vir besoek aan die wildtuin	photograph	photographer	Die Burger	Albert Froneman	South Africa (Mpumalanga)	4	life sciences	animals (birds)	no
Die Burger	Tuesday 19 June 2007	Buite 2	no	Vra vir Ernst: Laat lastige insekte aan natuur oor	column	scientist or specialist	Die Burger	Ernst van Jaarsveld	South Africa (Western Cape)	126	life sciences	plants	yes
Die Burger	Tuesday 19 June 2007	Buite 2	no	Buite: Gekuk aan Mome	column	journalist	Die Burger	Eben Human	South Africa (general)	17	life sciences	environment and pollution	no
Die Burger	Tuesday 19 June 2007	Buite 3	no	Groot katte tuis in Bergkwaggapark	article	journalist	Die Burger	Yolande Hayward	South Africa (Eastern Cape)	131	life sciences	animals (wildlife)	yes
Die Burger	Tuesday 19 June 2007	Buite 4 and 5	no	Kry die gidse vir wildtuinvakansie	article	journalist	Die Burger	Eben Human	South Africa (Mpumalanga)	274	life sciences	animals (wildlife)	yes
Die Burger	Tuesday 19 June 2007	Buite 5	no	Gis in visarende van Breeivier bekryk	article	journalist	Die Burger	no name	South Africa (Western Cape)	88	life sciences	animals (birds)	yes
Die Burger	Tuesday 19 June 2007	Buite 6	no	Al met watervalle langs na bo	article	journalist	Die Burger	Karen Watkins	South Africa (Western Cape)	164	life sciences	environment and pollution	yes
Die Burger	Tuesday 19 June 2007	Buite 7	no	Heilige' stuk water in Klein-Karoo	article	journalist	Die Burger	Laurika du Bois	South Africa (Eastern Cape)	127	earth sciences	water	no
Die Burger	Tuesday 19 June 2007	Buite 8	no	Voelpraatjies: Vrywilligers kan weer voels uitken	column	journalist	Die Burger	Erina Botha	South Africa (general)	139	life sciences	animals (birds)	yes
Die Burger	Wednesday 20 June 2007	2	no	Dit is die feite	column	journalist	Die Burger	George Claassen	South Africa (general)	34	physical sciences	mathematics	yes
Die Burger	Wednesday 20 June 2007	2	no	TAC baklet voort namens 41 atgedenkte gesondheidswerkers	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	40	medicine and health	hospital strike	no
Die Burger	Wednesday 20 June 2007	3	no	Vrou verblind by huis waar Maria verskyn	article	journalist	Die Burger	Sanri van Wyk	South Africa (Gauteng)	56	science and beliefs	science and religion	yes
Die Burger	Wednesday 20 June 2007	4	no	Swanger Elana kry kinders aan die oefen	article	journalist	Die Burger	Pia Nanny	South Africa (Western Cape)	76	medicine and health	other	no
Die Burger	Wednesday 20 June 2007	5	no	Venus, maan en ster vorm vanaand 'n lyn	article	journalist	Die Burger	Fanie van Rooyen	South Africa (general)	40	physical sciences	astronomy	yes

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Wednesday 20 June 2007	6	no	Fotoblad: Laaste dag om jou pragfoto in te stuur! (with nine photographs)	article	journalist	Die Burger	no name	South Africa (Western Cape)	24	life sciences	animals (pets)	no
Die Burger	Wednesday 20 June 2007	7	no	Mokala is 22ste Nasionale Park	article	journalist	Die Burger	Neels Jackson	South Africa (Northern Cape)	67	life sciences	environment and pollution	yes
Die Burger	Wednesday 20 June 2007	7	no	Richtersveld word eerste nasionale erfenisgebied in Suid-Afrika	article	journalist	Die Burger	Noord-Kaapse kantoor	South Africa (Northern Cape)	38	life sciences	environment and pollution	yes
Die Burger	Wednesday 20 June 2007	8	no	Erfenisgebied deels omgeploeg	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	108	life sciences	environment and pollution	yes
Die Burger	Wednesday 20 June 2007	8	no	Essop se geld is groen	article	journalist	Die Burger	Liesl Peyper	South Africa (Western Cape)	70	life sciences	environment and pollution	yes
Die Burger	Wednesday 20 June 2007	9	no	Landbou in krisis, se kanner	article	journalist	Die Burger	Eugene Gunning	South Africa (general)	52	life sciences	agriculture	yes
Die Burger	Wednesday 20 June 2007	10	no	voortand vir nog nege jaar opgeskort	article	journalist	Die Burger	Jorisna Bonthuys	Africa	117	life sciences	animals (wildlife)	yes
Die Burger	Wednesday 20 June 2007	10	no	Mammote 'het nie skielik uitgesterf'	article	journalist	Die Burger	Elsabé Brits	Asia (Far East and Russia)	46	earth sciences	palaeontology and archaeology	yes
Die Burger	Wednesday 20 June 2007	10	no	Kernkragrektor-projek 'gaan beslis voort'	article	journalist	Die Burger	Michele O'Connor	South Africa (Western Cape)	76	physical sciences	energy (nuclear)	yes
Die Burger	Wednesday 20 June 2007	12	no	Radio: Mooi stemme weerklank oor eter, so tussen 'kraakwerke' deur	column	journalist	Die Burger	Charl van Heyningen	South Africa (general)	107	medicine and health	other	no
Die Burger	Wednesday 20 June 2007	14	no	Eskom staking	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (general)	35	physical sciences	energy (electricity)	no
Die Burger	Wednesday 20 June 2007	15	no	Newton was verynig	letter	public	n/a	Dennis Siebrits, Tygervallei	Europe (UK and Ireland)	37	science and beliefs	pseudoscience and superstitions	yes
Die Burger	Wednesday 20 June 2007	Leefst yl page 3	no	Oulike worshondjies Lilo sit almal ore aan	article	journalist	Die Burger	Johann van Tonder	South Africa (Western Cape)	65	life sciences	animals (pets)	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Wednesday 20 June 2007	Leefst yl page 4	no	Tuinlewe: Konings se blomme ook vir jou	column	scientist or specialist	Die Burger	Anna Celliers	South Africa (Western Cape)	230	life sciences	plants	yes
Die Burger	Thursday 21 June 2007	3	no	Polisie raad op rotte se 'dop'	article	journalist	News agency: unnamed	no name	Europe (other)	22	life sciences	animals (wildlife)	no
Die Burger	Thursday 21 June 2007	6	no	Fotoblad: Einde van die lekker fotostryd in sig (with nine photographs)	article	journalist	Die Burger	no name	South Africa (Western Cape)	18	life sciences	animals (pets)	no
Die Burger	Thursday 21 June 2007	9	no	Jamie neem waar as hoof van CapeNature	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	55	life sciences	environment and pollution	no
Die Burger	Thursday 21 June 2007	9	no	Kundige nou hoof van WWF-SA	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	64	life sciences	environment and pollution	yes
Die Burger	Thursday 21 June 2007	10	no	MIV-postiewe vrou moedeloos oor lang wag vir vigsmedisyne	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	79	medicine and health	Aids	yes
Die Burger	Thursday 21 June 2007	10	no	Vloot laat sake seepglad verloop	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	61	medicine and health	hospital strike	no
Die Burger	Thursday 21 June 2007	10	no	Wittes moet help met grond	article	journalist	Die Burger	Gert Coetzee	South Africa (general)	58	life sciences	agriculture	no
Die Burger	Thursday 21 June 2007	11	no	Noordelike voorstede sukkel met krag; Wes-Kaap kort gas	article	journalist	Die Burger	Samarie Smith	South Africa (Western Cape)	103	physical sciences	energy (electricity)	yes
Die Burger	Thursday 21 June 2007	15	no	Fotoblad: Op soek na nuwe wonders van die wereld (with eight photographs)	article	journalist	News agency: Reuters	no name	Europe (other)	5	earth sciences	palaeontology and archaeology	no
Die Burger	Thursday 21 June 2007	18	no	Olfantbestuur	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	Africa	36	life sciences	animals (wildlife)	yes
Die Burger	Thursday 21 June 2007	18	no	Kolk van seks, armoede	letter	public	n/a	I van Niekerk, Langebaan	South Africa (Western Cape)	35	medicine and health	other	no
Die Burger	Thursday 21 June 2007	19	no	Vryburger: Kul jou hier en kul jou daar	column	journalist	Die Burger	Vryburger	South Africa (Western Cape)	16	science and beliefs	pseudoscience and superstitions	no

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Die Burger	Friday 22 June 2007	3	no	Jouberts wen gesogte prys vir dokumenter	article	journalist	Die Burger	Elsabé Brits	Africa	73	life sciences	animals (wildlife)	yes
Die Burger	Friday 22 June 2007	3	no	Vrywilligers kan missie na Mars op Aarde naboots	article	journalist	Die Burger	Elsabé Brits	Asia (Far East and Russia)	45	physical sciences	astronomy	yes
Die Burger	Friday 22 June 2007	4	no	Petersen vra borgtog in Talep-moordsaak	article	journalist	Die Burger	Llewellyn Prince and Elsabé Brits	South Africa (Western Cape)	89	medicine and health	mental health	yes
Die Burger	Friday 22 June 2007	8	no	Uitsettingsbevel teen sakeman	article	journalist	Die Burger	Frans Coetzee	South Africa (Northern Cape)	101	life sciences	environment and pollution	no
Die Burger	Friday 22 June 2007	8	no	Siamese tweeling van Bethlehem sterf in Rooi Kruis weens longontsteking	article	journalist	Die Burger	Susan Mare	South Africa (Western Cape)	42	medicine and health	diseases and treatment	no
Die Burger	Friday 22 June 2007	10	no	Heraanstelling van 41 'n lameletjie	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	65	medicine and health	hospital strike	no
Die Burger	Friday 22 June 2007	10	no	Werk in erfenisgebied gestaak	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	118	life sciences	environment and pollution	yes
Die Burger	Friday 22 June 2007	15	no	Chili krap kop na meer oornag verdwyn	article	journalist	News agency: Reuters	no name	America (Central and South)	36	earth sciences	water	yes
Die Burger	Friday 22 June 2007	16	no	Projek misluk weens min hulp	letter	public	n/a	G van Zyl, Vredendal	South Africa (Western Cape)	50	life sciences	agriculture	no
Die Burger	Monday 25 June 2007	2	no	Kaapse noodwerkers op bystand vir stormweer	article	journalist	Die Burger	Carryn-Ann Nel	South Africa (Western Cape)	62	earth sciences	meteorology	yes
Die Burger	Monday 25 June 2007	4	no	Kleuter 'erg beseer' deur tier in Vrystaat	article	journalist	Die Burger	Tom de Wet and Danel Blaauw	South Africa (Free State)	115	life sciences	animals (wildlife)	yes
Die Burger	Monday 25 June 2007	5	no	DA vra weer ondersoek na kaart-rybewyse en e-Natis	article	journalist	Die Burger	Philda Essop	South Africa (general)	70	technology	computers	no
Die Burger	Monday 25 June 2007	6	no	Kampvegter: Speletjiesmasjien skok by Mykonos	column	journalist	Die Burger	Florence de Vries Morgan	South Africa (Western Cape)	87	physical sciences	energy (electricity)	no

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Die Burger	Monday 25 June 2007	7	no	Roeier oorleef nadat boom in rivier op hom val	article	journalist	Die Burger	Carryn-Ann Nel	South Africa (Western Cape)	102	life sciences	plants	no
Die Burger	Monday 25 June 2007	9	no	Moeson saai verwoesting in Asie	article	journalist	News agency: Reuters	no name	Asia (Middle East and India)	80	earth sciences	meteorology	no
Die Burger	Monday 25 June 2007	11	no	Veg harder teen woestyne	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (general)	107	earth sciences	climate change	yes
Die Burger	Monday 25 June 2007	12	no	Van alle kante: Oplaas het Kaap behoorlike mark	column	journalist	Die Burger	Maureen Joubert	South Africa (Western Cape)	84	life sciences	agriculture	yes
Die Burger	Tuesday 26 June 2007	1	yes	Stormwinde saai verwoesting	article	journalist	Die Burger	Arnold Ras, Lara Atson and Erika Gibson	South Africa (Western Cape)	95	earth sciences	meteorology	yes
Die Burger	Tuesday 26 June 2007	2	no	Staking in Wes-Kaap na 3 weke laat vaar	article	journalist	Die Burger	Ilse Fredericks and Diana-Marié Strydom	South Africa (Western Cape)	70	medicine and health	hospital strike	no
Die Burger	Tuesday 26 June 2007	2	no	Dit is die feite	column	journalist	Die Burger	George Claassen	South Africa (Western Cape)	36	physical sciences	mathematics	yes
Die Burger	Tuesday 26 June 2007	3	no	Bestuur onder die invloed	photograph	photographer	News agency: Associated Press (AP)	no name	Europe (other)	3	life sciences	agriculture	no
Die Burger	Tuesday 26 June 2007	6	no	Pa red kind uit tier se kloue	article	journalist	Die Burger	Tom de Wet	South Africa (Free State)	74	life sciences	animals (wildlife)	no
Die Burger	Tuesday 26 June 2007	7	no	Stand van damme	article	journalist	Die Burger	no name	South Africa (Western Cape)	24	earth sciences	water	yes
Die Burger	Tuesday 26 June 2007	10	no	Groen projekte' wil ook werk skep	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	87	life sciences	environment and pollution	no
Die Burger	Tuesday 26 June 2007	14	no	Van alle kante: iets vir families om oor te slaap	column	journalist	Die Burger	Wilhelm Jordaan	South Africa (general)	84	life sciences	genetics	yes
Die Burger	Tuesday 26 June 2007	14	no	Besin deeglik oor grondhervorming	letter	public	n/a	Rene H Truter, Bellville	South Africa (general)	41	life sciences	healthcare administration (other)	no
Die Burger	Tuesday 26 June 2007	14	no	Diskriminasie oor keuse	letter	public	n/a	Oudjuffrou, Welgelegen	South Africa (Western Cape)	27	medicine and health		no

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Die Burger	Tuesday 26 June 2007	15	no	Blouwillemaandag op 'n Dinsdag: Madiba moet Bok kom red	column	journalist	Die Burger	Blou Willem	South Africa (Western Cape)	85	physical sciences	astronomy	yes
Die Burger	Tuesday 26 June 2007	Buite 1	no	Lesotho is mos baie nader aan die hemel	photograph	photographer	Die Burger	Danie Snyman	Africa	3	life sciences	animals (farm)	no
Die Burger	Tuesday 26 June 2007	Buite 2	no	Vra vir Ernst: Geharde aalwyn maklik oorgeplant	column	scientist or specialist	Die Burger	Ernst van Jaarsveld	South Africa (general)	134	life sciences	plants	yes
Die Burger	Tuesday 26 June 2007	Buite 2	no	Buite: Dis byna blomtyd	column	journalist	Die Burger	Eben Human	South Africa (Western Cape)	43	life sciences	plants	no
Die Burger	Tuesday 26 June 2007	Buite 4 and 5	no	Lesotho byna te mooi vir mense	article	journalist	Die Burger	Elsa Wessels	Africa	158	life sciences	environment and pollution	yes
Die Burger	Tuesday 26 June 2007	Buite 6	no	Namakwaaland juig oor vroeë reen	column	journalist	Die Burger	Ludwig Visser	South Africa (Western Cape)	114	life sciences	plants	yes
Die Burger	Tuesday 26 June 2007	Buite 8	no	Uit verre Afrika: Angola mooi, ru en ongerep	column	journalist	Die Burger	Kingsley Holgate	Africa	183	life sciences	environment and pollution	no
Die Burger	Wednesday 27 June 2007	1	yes	Land in ysgreep vas	article	journalist	Die Burger	Arnold Ras, Lara Atson and Samarie Smith	South Africa (general)	131	earth sciences	meteorology	yes
Die Burger	Wednesday 27 June 2007	2	no	Verwarring heers oor opskorting van staking	article	journalist	Die Burger	Ema Buffel, Ilse Fredericks, Mandy Rossouw, Liezel de Lange and Philda Essop	South Africa (Western Cape)	124	medicine and health	hospital strike	no
Die Burger	Wednesday 27 June 2007	2	no	TAC gaan saam met 41 terug werk toe	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	103	medicine and health	hospital strike	yes
Die Burger	Wednesday 27 June 2007	4	no	Hele land bibber (with three photographs)	photograph	photographer	Die Burger	Marisa Phillips, Siska Martin and Jurg Wagener	South Africa (Free State)	34	earth sciences	meteorology	no
Die Burger	Wednesday 27 June 2007	9	no	Misbruik op internet	article	journalist	Die Burger	Joylene van Wyk	Europe (UK and Ireland)	112	technology	internet and email	no
Die Burger	Wednesday 27 June 2007	10	no	Noodhelpert vertel van angste op hoe dak	article	journalist	Die Burger	Dries Liebenberg	South Africa (KwaZulu-Natal)	81	medicine and health	other	no

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Wednesday 27 June 2007	10	no	Gewilde teorie oor MIV is dalk verkeerd	article	journalist	News agency: Sapa	no name	Europe (UK and Ireland)	55	medicine and health	Aids	yes
Die Burger	Wednesday 27 June 2007	11	no	Ponie laat fotograaf laaste lag	article	journalist	Die Burger	no name	South Africa (Western Cape)	44	life sciences	animals (pets)	no
Die Burger	Wednesday 27 June 2007	14	no	Wesens in graf is piesangbome	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	20	science and beliefs	pseudoscience and superstitions	no
Die Burger	Wednesday 27 June 2007	15	no	Drankpryse laat hof gis	article	journalist	Die Burger	Alethea Nieuwenhuizen	South Africa (Western Cape)	83	medicine and health	food and product safety	no
Die Burger	Wednesday 27 June 2007	16	no	Lafenis teen die hitte	photograph	photographer	Reuters	no name	Europe (other)	2	earth sciences	meteorology	no
Die Burger	Wednesday 27 June 2007	16	no	Groenes juig oor hof-uitspraak	article	journalist	Die Burger	Jorissa Bonthuys	South Africa (Western Cape)	96	life sciences	environment and pollution	no
Die Burger	Wednesday 27 June 2007	20	no	Kommer oor nootverwerking	letter	scientist or specialist	n/a	Dr VL Hamilton-Altwell, Hermanus	South Africa (general)	57	earth sciences	water	yes
Die Burger	Wednesday 27 June 2007	21	no	Plan sal stropers nie keer	letter	public	n/a	Bewaringsbewuste, Pearly Beach	South Africa (Western Cape)	29	life sciences	animals (marine)	no
Die Burger	Wednesday 27 June 2007	Leefst yl page 6	no	Uit die perd se bek	article	journalist	Die Burger	Johann van Tonder	South Africa (Western Cape)	70	life sciences	animals (pets)	no
Die Burger	Wednesday 27 June 2007	Leefst yl page 7	no	Tuinlewe: Hoe gemaak met die tuinkwale?	column	scientist or specialist	Die Burger	Anna Celliers	South Africa (Western Cape)	298	life sciences	plants	yes
Die Burger	Wednesday 27 June 2007	Gesondheid 1	no	Voed jou brein	photograph	photographer	Die Burger	Francois Nel	South Africa (general)	2	medicine and health	nutrition	no
Die Burger	Wednesday 27 June 2007	Gesondheid 2	no	Spreekkamer: Lesers vra... Medikasie moet aangepas word vir ernstiger asma	column	scientist or specialist	Die Burger	Dr Petrus Rossouw, 'n huisdokter van Welgelegen	South Africa (Western Cape)	48	medicine and health	diseases and treatment	yes

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Wednesday 27 June 2007	Gesondheid 3	no	Lesers vertel... Vroue kan wel vir PCOS behandel word	article	journalist	Die Burger	Candice Swarts	South Africa (Western Cape)	118	medicine and health	diseases and treatment	yes
Die Burger	Wednesday 27 June 2007	Gesondheid 3	no	PCOS moeilik om op te tel	article	journalist	Die Burger	Mari Laubscher	South Africa (Western Cape)	76	medicine and health	diseases and treatment	yes
Die Burger	Wednesday 27 June 2007	Gesondheid 5	no	Regte kosse kan help met konsentrasie in eksamentyd	article	journalist	Die Burger	Lizelle van Jaarsveld	South Africa (Western Cape)	127	medicine and health	nutrition	yes
Die Burger	Wednesday 27 June 2007	Gesondheid 5	no	Vital-weggee	article	journalist	Die Burger	no name	South Africa (general)	22	medicine and health	nutrition	no
Die Burger	Wednesday 27 June 2007	Gesondheid 6	no	Mondigiene: Kies metode van tande bleik wat reg is vir jou	article	journalist	Die Burger	Jaco van Wyk	South Africa (Western Cape)	130	medicine and health	other	yes
Die Burger	Wednesday 27 June 2007	Gesondheid 6	no	Mans: Besnydenis het moontlike voor- en nadele	article	journalist	Die Burger	Elizna Werth	South Africa (Western Cape)	102	medicine and health	other	yes
Die Burger	Wednesday 27 June 2007	Gesondheid 7	no	Biefstuk-slaaidieet' is nie op die lang termyn gesond	article	journalist	Die Burger	Esta Gouws	South Africa (general)	130	medicine and health	nutrition	yes
Die Burger	Wednesday 27 June 2007	Gesondheid 7	no	Die stap reg vir almal	article	journalist	Die Burger	Jaco van Wyk	South Africa (general)	78	medicine and health	other	yes
Die Burger	Thursday 28 June 2007	1	no	Ys-sh!	photograph	photographer	Die Burger	Leanne Stander	South Africa (Gauteng)	3	earth sciences	meteorology	no
Die Burger	Thursday 28 June 2007	2	no	Die Burger maak aanstellings, bevorderings bekend	article	journalist	Die Burger	no name	South Africa (Western Cape)	33	physical sciences	astronomy	no
Die Burger	Thursday 28 June 2007	4	no	Landwyd spierwit (with five photographs)	photograph	photographer	Die Burger	Garth Stead and Deon Ferreira	South Africa (general)	13	sciences	meteorology	no
Die Burger	Thursday 28 June 2007	4	no	Sneeu op O.R. tambo vertraag vlugte	article	journalist	Die Burger	Arnold Ras, Malani Venter, Lara Atson and Schalk Mouton	South Africa (Gauteng)	92	earth sciences	meteorology	yes
Die Burger	Thursday 28 June 2007	4	no	Weerkenner se sneeu en kapok is sinoniem	article	journalist	Die Burger	Liesl Pretorius	South Africa (Gauteng)	23	sciences	meteorology	yes

Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Thursday 28 June 2007	6	no	Seuns hang hond op	article	journalist	Die Burger	Jackie Kruger	South Africa (Western Cape)	94	life sciences	animals (pets)	yes
Die Burger	Thursday 28 June 2007	6	no	Absa waarsku kliente oor slenter met e-posse	article	journalist	Die Burger	Jan Gerber	South Africa (general)	43	technology	internet and email	no
Die Burger	Thursday 28 June 2007	7	no	Algedankte verpleegplu bly buite die hekke' ondanks hotbevel	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	82	medicine and health	hospital strike	yes
Die Burger	Thursday 28 June 2007	10	no	Fotoblad: Stemmy in ons foto-kompetisie begin vandag (with six photographs)	article	journalist	Die Burger	no name	South Africa (Western Cape)	55	life sciences	animals (pets)	no
Die Burger	Thursday 28 June 2007	11	no	Twee 1 ton-buffels stoei tot die dood	article	journalist	Die Burger	Yolande Hayward and Wilna de Klerk	South Africa (Eastern Cape)	41	life sciences	animals (wildlife)	yes
Die Burger	Thursday 28 June 2007	11	no	Eskom het verlof gekry	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	101	life sciences	environment and pollution	no
Die Burger	Thursday 28 June 2007	12	no	Impakstudies 'gouer voltooi'	article	journalist	Die Burger	Anesca Smith	South Africa (Western Cape)	64	life sciences	environment and pollution	no
Die Burger	Thursday 28 June 2007	14	no	Aardverhitting-rampe kom, waarsku VN	article	journalist	News agency: Sapa	no name	Europe (other)	74	sciences	climate change	yes
Die Burger	Thursday 28 June 2007	17	no	SA kinders 'eet te min vrugte en groente'	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (general)	68	medicine and health	nutrition	yes
Die Burger	Thursday 28 June 2007	17	no	Sluk die bitter pil om verkoues te laat verdwyn	article	journalist	Die Burger	Pieter Malan	América (North)	28	medicine and health	diseases and treatment	yes
Die Burger	Thursday 28 June 2007	18	no	Van alle kante: Baie liewer vir sjokolade as soen	column	journalist	Die Burger	Martie Retief Meiring	South Africa (general)	84	medicine and health	nutrition	yes
Die Burger	Thursday 28 June 2007	19	no	Spaar baie met alternatiewe krag	letter	public	n/a	Nelson Adams, Brackenfell	South Africa (general)	53	physical sciences	energy (renewable)	yes
Die Burger	Friday 29 June 2007	2	no	Staking is verby, maar onderwysers wil nie teken	article	journalist	Die Burger	Ilse Fredericks and Diana-Marié Strydom	South Africa (Western Cape)	83	medicine and health	hospital strike	no
Die Burger	Friday 29 June 2007	3	no	George Michael is te bang om vir vigs-toets te gaan, onthul TV-dokkie	article	journalist	News agency: Bangshowbiz.com	no name	América (North)	20	medicine and health	Aids	no

Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Friday 29 June 2007	6	no	Richtersveld word 'n Unesco-erfenisgebied	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Northern Cape)	99	life sciences	environment and pollution	yes
Die Burger	Friday 29 June 2007	6	no	Kragverbruik 'n rekord	article	journalist	Die Burger	Malani Venter	South Africa (general)	74	earth sciences	meteorology	yes
Die Burger	Friday 29 June 2007	9	no	Vigsteorie 'moet nog ondersoek word'	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (KwaZulu-Natal)	95	medicine and health	Aids	yes
Die Burger	Friday 29 June 2007	9	no	MIV 'nie deur oorlog versprei'	article	journalist	Die Burger	Antoinette Pienaar	Africa	40	medicine and health	Aids	yes
Die Burger	Friday 29 June 2007	10	no	Dieremishandeling dui op psigopatie	article	journalist	Die Burger	Leon-Ben Lamprecht and Marietjie Louw-Carstens	South Africa (Western Cape)	89	life sciences	animals (pets)	no
Die Burger	Friday 29 June 2007	12	no	Saak oor joernalis se moord weer uitgestel	article	journalist	Die Burger	Ema Buffel	South Africa (Western Cape)	90	medicine and health	other	no
Die Burger	Friday 29 June 2007	12	no	Drank 'te sterk' vir bottelering	article	journalist	News agency: unnamed	no name	South Africa (Western Cape)	53	medicine and health	food and product safety	no
Die Burger	Friday 29 June 2007	19	no	G'n verbetering met smokkelary	letter	public	n/a	Viskop, Kaapstad	South Africa (Western Cape)	41	life sciences	animals (marine)	no
Die Burger	Friday 29 June 2007	19	no	Plaas se plaasmark pret	letter	public	n/a	Besoeker, Vredelokloof	South Africa (Western Cape)	23	life sciences	agriculture	no
Die Burger	Friday 29 June 2007	19	no	Ombudsman: Pandemies le media se onkunde bloot	column	journalist	Die Burger	George Claassen	America (North)	117	medicine and health	diseases and treatment	yes
Die Burger	Friday 29 June 2007	Landbou 1	no	SA vleismerino nou wetenskap	photograph	photographer	Die Burger	Mouton van Zyl	South Africa (Western Cape)	2	life sciences	agriculture	no
Die Burger	Friday 29 June 2007	Landbou 1	no	Dele van plase in kwarantyn oor erge plaag	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	33	life sciences	agriculture	yes
Die Burger	Friday 29 June 2007	Landbou 2	no	Sterk vraag na dophnes op velling bevestig	article	journalist	Die Burger	no name	South Africa (Western Cape)	39	life sciences	agriculture	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Friday 29 June 2007	Landbou 2	no	Backsberg wil wen om te wys	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	64	life sciences	agriculture	no
Die Burger	Friday 29 June 2007	Landbou 3	no	Muskadelwyne wys wat in hulle steek	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	69	life sciences	agriculture	no
Die Burger	Friday 29 June 2007	Landbou 3	no	Werkers leer van siektes in wingerd	article	journalist	Die Burger	Julene Stephen	South Africa (Western Cape)	47	life sciences	agriculture	yes
Die Burger	Friday 29 June 2007	Landbou 4	no	Boere, werkers hoor hoe om witluis te bestry	article	journalist	Die Burger	Julene Stephen	South Africa (Western Cape)	55	life sciences	agriculture	yes
Die Burger	Friday 29 June 2007	Landbou 4	no	Koringmark: Wat laat spring ons koringmark deesdae so op en af	column	scientist or specialist	Die Burger	Jan Steyn (GrainCo)	South Africa (general)	111	life sciences	agriculture	no
Die Burger	Friday 29 June 2007	Landbou 14	no	Drie uit drie vir De Rust	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	69	life sciences	agriculture	no
Die Burger	Friday 29 June 2007	Landbou 15	no	Sistaakwum hou bedreiging vir aartappelbedryf in	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	70	life sciences	agriculture	yes
Die Burger	Friday 29 June 2007	Landbou 16	no	Wynman wil koolstofspoor temper	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	109	earth sciences	climate change	yes
Die Burger	Friday 29 June 2007	Landbou 16	no	Hongaarse vathout raak die kol	article	journalist	Die Burger	Marius Labuschagne	South Africa (Western Cape)	60	life sciences	agriculture	no
Die Burger	Friday 29 June 2007	Landbou 16	no	Winetech weer SAWVV se topborg	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	24	life sciences	agriculture	no
Die Burger	Friday 29 June 2007	Landbou 16	no	Landbouadagboek	column	journalist	Die Burger	Leon Louw	South Africa (Western Cape)	39	life sciences	agriculture	no
Die Burger	Monday 2 July 2007	5	no	Warm brak	photograph	photographer	News agency: Reuters	no name	Asia (Far East and Russia)	1	earth sciences	meteorology	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Monday 2 July 2007	7	no	Honderde in Bishop Lavis weke lank sonder telefone	article	journalist	Die Burger	Ilse Fredericks	South Africa (Western Cape)	57	technology	telecommunication	no
Die Burger	Monday 2 July 2007	8	no	Verlate kinders en babas weerloos teen koue weer hierdie winter	article	journalist	Die Burger	Lara Atson	South Africa (Western Cape)	76	earth sciences	meteorology	no
Die Burger	Monday 2 July 2007	8	no	Plaaswerker pleit by Tesco vir beter lone	article	journalist	Die Burger	Pieter Malan	Europe (UK and Ireland)	81	life sciences	agriculture	no
Die Burger	Monday 2 July 2007	8	no	Warmer weer tot Donderdag	article	journalist	Die Burger	Leandra de Waal	South Africa (Western Cape)	63	earth sciences	meteorology	yes
Die Burger	Monday 2 July 2007	9	no	Engeland verbied ook rook in werkplek en openbare geboue	article	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	54	medicine and health	smoking	yes
Die Burger	Monday 2 July 2007	9	no	China se gevaarlike paaië eis meer as 200 per dag	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	20	life sciences	environment and pollution	no
Die Burger	Monday 2 July 2007	11	no	Fotoblad: Die Burger / Foto First-troeteldier-fotokompetisie (with six photographs)	article	journalist	Die Burger	no name	South Africa (Western Cape)	24	life sciences	animals (pets)	no
Die Burger	Monday 2 July 2007	12	no	Van alle kante: Die misterie van die 13 en die 7	column	journalist	Die Burger	Maureen Joubert	South Africa (general)	84	science and beliefs	pseudoscience and superstitions	yes
Die Burger	Monday 2 July 2007	12	no	Intussen smelt die ys	letter	public	n/a	Ludwig van Heerden, Montagu	South Africa (general)	11	earth sciences	climate change	yes
Die Burger	Monday 2 July 2007	13	no	Book Review: Merkwaardige Kehlmann se treffer geen grap nie	article	scientist or specialist	Die Burger	Paul Cilliers (professor in filosofie aan die Universiteit Stellenbosch)	Europe (other)	112	physical sciences	mathematics	no
Die Burger	Tuesday 3 July 2007	2	no	Blydskap en vrae oor reg van twaalfjariges op abortus	article	journalist	Die Burger	Marelize Barnard	South Africa (general)	88	medicine and health	other	no
Die Burger	Tuesday 3 July 2007	3	no	Buddy op die been en reg vir Baghdad	article	journalist	Die Burger	Alet van Zyl	Asia (Middle East and India)	80	life sciences	animals (pets)	no

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Die Burger	Tuesday 3 July 2007	4	no	DNS-toets positief in moordsaak van jazz-musikant se dogter	article	journalist	Die Burger	Carryn-Ann Nel	South Africa (Western Cape)	39	life sciences	genetics	no
Die Burger	Tuesday 3 July 2007	6	no	Nou is ek veilig	photograph	photographer	News agency: Reuters	no name	Europe (other)	3	life sciences	animals (wildlife)	no
Die Burger	Tuesday 3 July 2007	6	no	Tuk-olifantman sterf in motorongeluk	article	journalist	Die Burger	Eagan Williamson	South Africa (Gauteng)	41	life sciences	animals (wildlife)	no
Die Burger	Tuesday 3 July 2007	6	no	Namibie 'versin syfres oor robbe'	article	journalist	Die Burger	Jan Gerber	Africa	56	life sciences	animals (marine)	yes
Die Burger	Tuesday 3 July 2007	6	no	Spaar ook water na goeie reerval	article	journalist	Die Burger	Arnold Ras and Malani Venter	South Africa (Western Cape)	60	earth sciences	water	yes
Die Burger	Tuesday 3 July 2007	6	no	Komitee wil rol speel	article	journalist	Die Burger	Philda Essop	South Africa (Western Cape)	45	earth sciences	water	no
Die Burger	Tuesday 3 July 2007	7	no	SA is gereed vir 'groen revolusie'	article	journalist	Die Burger	Elise Tempelhoff	South Africa (general)	80	life sciences	environment and pollution	yes
Die Burger	Tuesday 3 July 2007	7	no	Kernkrag-kenners in Kaapstad byeen	article	journalist	Die Burger	Samarie Smith	South Africa (Western Cape)	88	physical sciences	energy (nuclear)	yes
Die Burger	Tuesday 3 July 2007	7	no	Madiba 'n 'klimat-ambassadeur'	article	journalist	Die Burger	Ema Buffel	South Africa (general)	58	earth sciences	climate change	no
Die Burger	Tuesday 3 July 2007	7	no	Leorders blink met brandsproei	article	journalist	Die Burger	Ilse Fredericks	South Africa (KwaZulu-Natal)	60	life sciences	environment and pollution	yes
Die Burger	Tuesday 3 July 2007	13	no	Takel maar self die smokkelaars	letter	public	n/a	Ortnugter, Gansbaai	South Africa (Western Cape)	53	life sciences	animals (marine)	no
Die Burger	Tuesday 3 July 2007	Buite 2	no	Vra vir Ernst: Waterbessie bestand teen wind	column	scientist or specialist	Die Burger	Ernst van Jaarsveld	South Africa (Western Cape)	108	life sciences	plants	yes
Die Burger	Tuesday 3 July 2007	Buite 2	no	Buite: In greep van winter se koue, maar lente loer	column	journalist	Die Burger	Eben Human	South Africa (general)	59	life sciences	environment and pollution	no
Die Burger	Tuesday 3 July 2007	Buite 3	no	Sterrekryk: Venus en Jupiter versier Julie-aande	column	scientist or specialist	Die Burger	Auke Slotegraaf (voorsitter van die Sterrekundevereniging)	South Africa (general)	118	physical sciences	astronomy	yes

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Die Burger	Tuesday 3 July 2007	Buite 3	no	Hartland van Nama globaal erken	article	journalist	Die Burger	no name	South Africa (Northern Cape)	45	life sciences	environment and pollution	no
Die Burger	Tuesday 3 July 2007	Buite 4 and 5	no	Die son kom op oor Mokala wildtuin	article	journalist	Die Burger	Eben Human	South Africa (Northern Cape)	225	life sciences	animals (wildlife)	yes
Die Burger	Tuesday 3 July 2007	Buite 7	no	Trap sag, ry stadig in ons blomtuin	column	journalist	Die Burger	Ludwig Visser	South Africa (Western Cape)	198	life sciences	plants	no
Die Burger	Tuesday 3 July 2007	Buite 8	no	Voelpraatjies: Swenwers bly maar onverwagte besoekers	column	scientist or specialist	Die Burger	Prof Morne du Plessis (direkteur van die DST-sentrum vir Uitnemendheid in die Percy FitzPatrick Instituut vir Afrika-omitiologie aan die Universiteit van Kaapstad)	South Africa (general)	177	life sciences	animals (birds)	yes
Die Burger	Tuesday 3 July 2007	Buite 8	no	Gewilde rubriekskrywer se boek nou te kry	article	journalist	Die Burger	no name	South Africa (general)	48	life sciences	animals (birds)	yes
Die Burger	Wednesday 4 July 2007	3	no	Vroeë blomneprag	photograph	photographer	Die Burger	Francois Nel	South Africa (Western Cape)	2	life sciences	plants	no
Die Burger	Wednesday 4 July 2007	3	no	Drie van Wes-Kaap is finaliste vir Vrou van die Jaar	article	journalist	Die Burger	Ilse Fredericks	South Africa (Western Cape)	79	life sciences	plants	yes
Die Burger	Wednesday 4 July 2007	5	no	Ongehude pa's kry baie meer regte	article	journalist	Die Burger	Pieter du Toit	South Africa (general)	84	medicine and health	other	no
Die Burger	Wednesday 4 July 2007	6	no	Die stilste leer	photograph	photographer	News agency: European Pressphoto Agency (EPA)	no name	Asia (Far East and Russia)	4	earth sciences	palaeontology and archaeology	yes
Die Burger	Wednesday 4 July 2007	7	no	Weldoender sterf gasdood	article	journalist	Die Burger	Una Cupido	South Africa (Western Cape)	105	physical sciences	energy (oil and gas)	yes

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Die Burger	Wednesday 4 July 2007	8	no	Fotoblad: Eendeweër ry spel in wile (with four photographs)	article	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	50	life sciences	animals (birds)	no
Die Burger	Wednesday 4 July 2007	9	no	Meer as 50 dokters deur raad gestraf	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	87	medicine and health	healthcare administration (malpractice)	yes
Die Burger	Wednesday 4 July 2007	9	no	Misdaad dra by tot depressie in SA	article	journalist	Die Burger	Arnold Ras	South Africa (general)	49	medicine and health	mental health	yes
Die Burger	Wednesday 4 July 2007	10	no	Dam-bouwerk raak watvoorsiening	article	journalist	Die Burger	Theuns van der Westhuizen	South Africa (Western Cape)	36	earth sciences	water	yes
Die Burger	Wednesday 4 July 2007	11	no	Pollsmoor kry TB-ultimatum	article	journalist	Die Burger	Malani Venter	South Africa (Western Cape)	99	medicine and health	healthcare administration (other)	yes
Die Burger	Wednesday 4 July 2007	12	no	Mthatha-entrepreneur DA wil dadelike SA se portuurorsigverslag onder oe kry	photograph	photographer	Die Burger	Carlen du Plessis	South Africa (Eastern Cape)	2	life sciences	plants	no
Die Burger	Wednesday 4 July 2007	12	no		article	journalist	Die Burger	Media24-Afrika-kantoor	South Africa (general)	35	medicine and health	Aids	no
Die Burger	Wednesday 4 July 2007	16	no	Kinderwet	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (general)	38	medicine and health	Aids	no
Die Burger	Wednesday 4 July 2007	16	no	Groen helde	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (general)	36	life sciences	environment and pollution	yes
Die Burger	Wednesday 4 July 2007	16	no	Skenk organe en red ander se lewe	letter	scientist or specialist	n/a	Dr Hubrecht Brody, Belville	South Africa (general)	50	medicine and health	other	yes
Die Burger	Wednesday 4 July 2007	16	no	Eskom plan vir kinders	letter	public	n/a	Amelia Viljoen, Durbanville	South Africa (general)	6	physical sciences	energy (electricity)	no
Die Burger	Wednesday 4 July 2007	17	no	Kioto 2 kry nou stoom	article	journalist	Die Burger	Jorisna Bonthuys	America (North)	459	earth sciences	climate change	yes
Die Burger	Wednesday 4 July 2007	Leefst yl page 7	no	Tuinlewe: Haal so die sink uit snoeiwerk	column	scientist or specialist	Die Burger	Anna Celliers	South Africa (Western Cape)	168	life sciences	plants	yes
Die Burger	Thursday 5 July 2007	2	no	Kraker breek by eNatis.com in	article	journalist	Die Burger	Cobus Coetzee	South Africa (general)	56	technology	computers	no

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Thursday 5 July 2007	3	no	Fotowenners more bekend	article	journalist	Die Burger	no name	South Africa (Western Cape)	18	life sciences	animals (pets)	no
Die Burger	Thursday 5 July 2007	7	no	Nalatige artse kom dikwels los	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	142	medicine and health	healthcare administration (malpractice)	yes
Die Burger	Thursday 5 July 2007	7	no	Wereldpetisie vir diersog	article	journalist	Die Burger	Samarie Smith	South Africa (general)	58	life sciences	animals (farm)	yes
Die Burger	Thursday 5 July 2007	8	no	Stappers 'nie deur staking by tafelberg-roetes bedreig	article	journalist	Die Burger	Le Roux Schoeman	South Africa (Western Cape)	77	life sciences	environment and pollution	no
Die Burger	Thursday 5 July 2007	8	no	SA se bronne van skoon water minste nog	article	journalist	Die Burger	Elise Tempelhoff	South Africa (general)	94	earth sciences	water	yes
Die Burger	Thursday 5 July 2007	10	no	As die natuur neem	photograph	photographer	News agency: European Pressphoto Agency (EPA)	no name	Asia (Middle East and India)	2	earth sciences	water	no
Die Burger	Thursday 5 July 2007	14	no	Hang van hond barbaars	letter	public	n/a	Hannes Slabbert, Despatch	South Africa (Western Cape)	26	life sciences	animals (pets)	no
Die Burger	Thursday 5 July 2007	15	no	Ontgin robbe kommersieel	letter	public	n/a	Voelvanger, Kaapstad	Africa	51	life sciences	animals (marine)	yes
Die Burger	Friday 6 July 2007	2	no	Hoe praat oor haar kinders se tikstryd	article	journalist	Die Burger	Una Cupido	South Africa (Western Cape)	77	science and beliefs	pseudoscience and superstitions	yes
Die Burger	Friday 6 July 2007	3	no	Kolosse van Hades	photograph	photographer	News agency: Reuters	no name	Europe (other)	29	earth sciences	geology	no
Die Burger	Friday 6 July 2007	3	no	Afrikaanse e-netwerk 'n 'plaaslike Facebook'	article	journalist	Die Burger	Leon-Ben Lamprecht	South Africa (Western Cape)	54	technology	internet and email	no
Die Burger	Friday 6 July 2007	5	no	Suider-Afrika haal nie doelwitte	article	journalist	Die Burger	Jaco Visser	South Africa (general)	54	medicine and health	other	no
Die Burger	Friday 6 July 2007	6	no	Manto striem unies oor 'wangedrag' in staking	article	journalist	Die Burger	Antoinette Pienaar	South Africa (general)	78	medicine and health	hospital strike	no
Die Burger	Friday 6 July 2007	6	no	SA wil 1000 artse in Tunisie werf	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (general)	115	medicine and health	healthcare administration (other)	yes

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Friday 6 July 2007	8	no	Lesers dink Lilo is blaf-blaf die beste (with three photographs)	article	journalist	Die Burger	Samarie Smith	South Africa (Western Cape)	98	life sciences	animals (pets)	no
Die Burger	Friday 6 July 2007	8	no	Koos die kees maak hom tuis by basterbrak Max	article	journalist	Die Burger	no name	South Africa (Western Cape)	43	life sciences	animals (wildlife)	no
Die Burger	Friday 6 July 2007	11	no	Tiener-chirurg gee hom oor aan polisie	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	25	medicine and health	healthcare administration (malpractice)	no
Die Burger	Friday 6 July 2007	11	no	Vlieënier verloor oog oor aasvoel	article	journalist	News agency: Sapa	no name	America (Central and South)	24	life sciences	animals (birds)	no
Die Burger	Friday 6 July 2007	12	no	Chili los raaisel van 'gesteelde meer' op	article	journalist	News agency: Reuters	no name	America (Central and South)	23	earth sciences	water	yes
Die Burger	Friday 6 July 2007	15	no	Wag, my kos	photograph	photographer	News agency: Reuters	no name	Europe (other)	2	life sciences	animals (wildlife)	no
Die Burger	Friday 6 July 2007	15	no	Raadsvoorsitter van CapeNature bedank	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	81	life sciences	environment and pollution	no
Die Burger	Friday 6 July 2007	15	no	SA beraam planne vir kernaansval	article	journalist	Die Burger	Samarie Smith	South Africa (general)	51	physical sciences	energy (nuclear)	yes
Die Burger	Friday 6 July 2007	17	no	Kinders onnodig in gevaar gestel	letter	public	n/a	Pieter du Toit, Dwaarsrivier-plaas (een van die drie), Clanwilliam	South Africa (Western Cape)	48	life sciences	environment and pollution	no
Die Burger	Monday 9 July 2007	1	no	Raad dreig medici oor nie-betaling	article	journalist	Die Burger	Samarie Smith	South Africa (general)	85	medicine and health	healthcare administration (malpractice)	no
Die Burger	Monday 9 July 2007	2	no	Kaap kan bibber tot naweek	article	journalist	Die Burger	Cobus Coetzee	South Africa (Gauteng)	85	life sciences	animals (pets)	no
Die Burger	Monday 9 July 2007	4	no	Raar maar waar: Kat van die Jaar (with two photographs)	article	journalist	Die Burger	Arnold Ras	South Africa (Western Cape)	42	earth sciences	meteorology	yes
Die Burger	Monday 9 July 2007	5	no		article	journalist	Die Burger	no name	South Africa (Western Cape)	7	life sciences	animals (pets)	no

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Die Burger	Monday 9 July 2007	6	no	7 'Nuwe' wonders is gebou om te hou (with eight photographs)	article	journalist	Die Burger	Carla Lewis	Europe (other)	117	earth sciences	palaeontology and archaeology	yes
Die Burger	Monday 9 July 2007	6	no	Gebby Lehman het Saterdag die eerste plek losgeplaas in die modderpoel-pletterplons Wildtuin 'wys besoekers weg'	photograph	photographer	News agency: Reuters	no name	America (North)	3	earth sciences	water	no
Die Burger	Monday 9 July 2007	9	no	Ondanks 'n protesoptog deur die diereregte groep Peta voor die San Ferminees in Pamplona, gaan die bulstormloop voort	article	journalist	Die Burger	Naranda Nell	South Africa (Mpumalanga)	55	life sciences	environment and pollution	no
Die Burger	Monday 9 July 2007	9	no	Book Review: Feetjieboek sieraad in beeld en klank	photograph	photographer	News agency: Reuters	no name	Europe (other)	3	life sciences	animals (farm)	no
Die Burger	Monday 9 July 2007	10	no	Akwakultuur is lonend, maar vaardighede kort	article	journalist	Die Burger	Laetitia Pople	South Africa (Western Cape)	110	science and beliefs	pseudoscience and superstitions	no
Die Burger	Monday 9 July 2007	12	no	Kwantu-wildreservaat kry nie permit vir 'vermaakopleiding' van Limpopo-olifante	article	journalist	Die Burger	Yolande Hayward	South Africa (Eastern Cape)	68	life sciences	animals (marine)	yes
Die Burger	Monday 9 July 2007	12	no	Gadgets: Slim, nuwe webkamera	article	journalist	Die Burger	Amelia de Milander	South Africa (Western Cape)	47	life sciences	animals (wildlife)	no
Die Burger	Monday 9 July 2007	Jip page 2	no	Twee seldsame walvisse spoel uit	article	journalist	Die Burger	Simon Visser	South Africa (Western Cape)	39	technology	computers	yes
Die Burger	Tuesday 10 July 2007	1	no	Live Earth oortref rekord vir meeste aanlyn-kykers	article	journalist	Die Burger	Marius Louw	South Africa (Western Cape)	55	life sciences	animals (marine)	yes
Die Burger	Tuesday 10 July 2007	3	no	Leonardo maan oor aardverhitting	article	journalist	News agency: Reuters	no name	America (North)	47	earth sciences	climate change	no
Die Burger	Tuesday 10 July 2007	3	no	Raad sal nie weet of medic werk	article	journalist	Die Burger	Charles Smith	America (North)	52	earth sciences	climate change	yes
Die Burger	Tuesday 10 July 2007	6	no		article	journalist	Die Burger	Diana-Marié Strydom	South Africa (general)	93	medicine and health	healthcare administration (malpractice)	no

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Die Burger	Tuesday 10 July 2007	6	no	Kontaklensvloeistof aan die mark onttrek	article	journalist	Die Burger	Fanie van Rooyen	South Africa (general)	76	medicine and health	food and product safety	yes
Die Burger	Tuesday 10 July 2007	7	no	Meer as 3000 vis uit oor bedreigde seekos	article	journalist	Die Burger	Elise Tempelhoff	South Africa (general)	76	life sciences	animals (marine)	yes
Die Burger	Tuesday 10 July 2007	7	no	Lande suur oor nuwe 'Sewu Wonders'	article	journalist	News agency: Sapa	no name	Europe (other)	51	earth sciences	palaeontology and archaeology	no
Die Burger	Tuesday 10 July 2007	8	no	Kophou met blikbrein	photograph	photographer	Die Burger	Hayley Franklin	South Africa (Western Cape)	3	technology	computers	no
Die Burger	Tuesday 10 July 2007	12	no	Van alle kante: Skoonheid ook in alledaagse	column	journalist	Die Burger	Wilhelm Jordaan	South Africa (general)	84	medicine and health	mental health	yes
Die Burger	Tuesday 10 July 2007	13	no	Humor met sylers	letter	public	n/a	Jan Maarschalk, Villiersdorp	Europe (other)	12	physical sciences	mathematics	yes
Die Burger	Tuesday 10 July 2007	Buite 1	no	So pronk blomme langs N7	photograph	photographer	Die Burger	Eben Human	South Africa (Western Cape)	3	life sciences	plants	no
Die Burger	Tuesday 10 July 2007	Buite 2	no	Buite: So pronk blomme langs N7	column	journalist	Die Burger	Eben Human	South Africa (Western Cape)	40	life sciences	environment and pollution	no
Die Burger	Tuesday 10 July 2007	Buite 3	no	Ontmoeting met die grootvoete	article	journalist	Die Burger	Lucille Botha	Africa	124	life sciences	animals (wildlife)	yes
Die Burger	Tuesday 10 July 2007	Buite 6	no	Kleurige name vir blomme	column	journalist	Die Burger	Ludwig Visser	South Africa (Western Cape)	76	life sciences	plants	yes
Die Burger	Tuesday 10 July 2007	Buite 6	no	Blommeseisoen belooft baie Vra vir Ernst: Baie plante aard goed in suur sandgrond	article	journalist	Die Burger	Eben Human	South Africa (Western Cape)	71	life sciences	plants	yes
Die Burger	Tuesday 10 July 2007	Buite 7	no	Uit verre Afrika: Olie, diamante red Lobito	column	scientist or specialist	Die Burger	Ernst van Jaarsveld	South Africa (Western Cape)	96	life sciences	plants	yes
Die Burger	Tuesday 10 July 2007	Buite 8	no	Gure weer le vandag en more voor, waarsku Weerdiens	column	journalist	Die Burger	Kingsley Holgate	Africa	175	life sciences	environment and pollution	no
Die Burger	Wednesday 11 July 2007	1	no		article	journalist	Die Burger	Arnold Ras	South Africa (Western Cape)	55	earth sciences	meteorology	yes

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Wednesday 11 July 2007	9	no	Snoetwalvisse se dood nog 'n raaisel; kalf steeds nie gevind	article	journalist	Die Burger	Sonika Johnston	South Africa (Western Cape)	67	life sciences	animals (marine)	yes
Die Burger	Wednesday 11 July 2007	11	no	Mediese studente op hete kole	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (general)	114	medicine and health	healthcare administration (other)	no
Die Burger	Wednesday 11 July 2007	13	no	Red die robbe, vra SA groep	article	journalist	Die Burger	Elise Tempelhoff	Africa	126	life sciences	animals (marine)	yes
Die Burger	Wednesday 11 July 2007	13	no	Wonderwerk-pastoor vas oor kulkuns-toestel	article	journalist	News agency: Reuters	no name	Africa	36	science and beliefs	science and religion	yes
Die Burger	Wednesday 11 July 2007	15	no	Pasiente kan dan maar sterf	letter	public	n/a	Kripvreter, Kulsrivier	South Africa (Western Cape)	53	medicine and health	hospital strike	no
Die Burger	Wednesday 11 July 2007	Leefst yl page 4	no	Swangerskap: Stralend, sexy - en swanger	article	journalist	Die Burger	Carla van der Spuy	South Africa (general)	188	medicine and health	other	no
Die Burger	Wednesday 11 July 2007	Leefst yl page 5	no	SMS vir 'n antwoord oor wat jy wil eet	article	journalist	Die Burger	Sophia van Taak	South Africa (general)	108	life sciences	animals (marine)	yes
Die Burger	Wednesday 11 July 2007	Leefst yl page 6	no	n Aanval van intense vrees	article	journalist	Die Burger	Leilani Basson	South Africa (general)	218	medicine and health	mental health	yes
Die Burger	Wednesday 11 July 2007	Leefst yl page 7	no	Tuinlewe: Net 'n besem is in die huis nodig	column	scientist or specialist	Die Burger	Anna Celliers	South Africa (Western Cape)	150	life sciences	plants	yes
Die Burger	Thursday 12 July 2007	5	no	Sanparke-staking word vandag beëindig	article	journalist	Die Burger	Buys Viljoen	South Africa (Mpumalanga)	66	life sciences	environment and pollution	no
Die Burger	Thursday 12 July 2007	13	no	Bloekoms word daik wereld se energiebron	article	journalist	Die Burger	Elise Tempelhoff	South Africa (Gauteng)	49	physical sciences	energy (renewable)	yes
Die Burger	Thursday 12 July 2007	13	no	Phoenix gou Mars toe om water te soek	article	journalist	Die Burger	Elsabé Brits	America (North)	42	physical sciences	astronomy	yes
Die Burger	Thursday 12 July 2007	13	no	Skape werk in wingerde	article	journalist	Sapa	no name	America (North)	21	life sciences	agriculture	yes

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Die Burger	Thursday 12 July 2007	17	no	Britte loof beloning uit teen multiasie	article	journalist	News agency: Associated Press (AP)	no name	Europe (UK and Ireland)	48	medicine and health	other	no
Die Burger	Thursday 12 July 2007	18	no	Globale dokters	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (general)	36	medicine and health	healthcare administration (other)	no
Die Burger	Thursday 12 July 2007	18	no	n Absurde situasie	letter	public	n/a	Bennus, Danabaai	South Africa (general)	18	medicine and health	healthcare administration (malpractice)	no
Die Burger	Thursday 12 July 2007	19	no	Nie skaam vir salaristjek	letter	public	n/a	Deon Burger, Malmesbury	South Africa (general)	38	medicine and health	hospital strike	no
Die Burger	Friday 13 July 2007	2	no	Artse verlig oor siekefondse	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (general)	73	medicine and health	healthcare administration (malpractice)	no
Die Burger	Friday 13 July 2007	4	no	Stormweer het geen skade aangerig nie	article	journalist	Die Burger	Arnold Ras	South Africa (Western Cape)	19	earth sciences	meteorology	no
Die Burger	Friday 13 July 2007	5	no	Winders se blitsige evolusie red hulle van bakterie	article	journalist	Die Burger	Elsabé Brits	Australasia	64	life sciences	evolution	yes
Die Burger	Friday 13 July 2007	5	no	DA dien klag in oor Rath se 'vigspraktijk weer oop is'	article	journalist	Die Burger	Pieter du Toit	South Africa (Western Cape)	48	medicine and health	Aids	no
Die Burger	Friday 13 July 2007	7	no	CapeNature-plan kom	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	105	life sciences	environment and pollution	no
Die Burger	Friday 13 July 2007	7	no	Bly te kenne	photograph	photographer	News agency: Reuters	no name	South Africa (Free State)	4	life sciences	animals (wildlife)	yes
Die Burger	Friday 13 July 2007	7	no	Perfekte baba-mam moet bied groot kans	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	59	earth sciences	palaeontology and archaeology	yes
Die Burger	Friday 13 July 2007	7	no	Duitse pluimvee verbeid oor voelgriep	article	journalist	Die Burger	Fanie van Rooyen	South Africa (general)	46	life sciences	animals (farm)	yes
Die Burger	Friday 13 July 2007	7	no	Geen rampe vandag	article	journalist	Die Burger	Cherice Smith	South Africa (Western Cape)	24	science and beliefs	pseudoscience and superstitions	no
Die Burger	Friday 13 July 2007	10	no	Sewe beser in bloedige bulstormloop	article	journalist	News agency: Reuters	no name	Europe (other)	33	life sciences	animals (farm)	no

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Die Burger	Friday 13 July 2007	12	no	Steenydeprik-mense aan die woord	article	journalist	Die Burger	Bettie Lamprecht	South Africa (Northern Cape)	181	earth sciences	palaeontology and archaeology	yes
Die Burger	Friday 13 July 2007	12	no	Grahamstadse fees maak syfers bekend	article	journalist	News agency: unnamed	no name	South Africa (Eastern Cape)	29	physical sciences	mathematics	yes
Die Burger	Friday 13 July 2007	14	no	Alcan en Coega	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (Eastern Cape)	38	physical sciences	energy (electricity)	yes
Die Burger	Friday 13 July 2007	15	no	Oop kaart: Oor berge en deur dale	column	journalist	Die Burger	Murray la Vita	South Africa (Western Cape)	173	medicine and health	diseases and treatment	yes
Die Burger	Friday 13 July 2007	15	no	Ombudsman: Die skade wat abrakadabra op voorblad aanrig	column	journalist	Die Burger	George Claassen	South Africa (Western Cape)	117	science and beliefs	pseudoscience and superstitions	yes
Die Burger	Friday 13 July 2007	Landbou 1	no	Ekspo vir wynboere en vrugtekeekers	photograph	photographer	News agency: unnamed	no name	South Africa (Western Cape)	4	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 1	no	Ses vroue kan wynmaker van jaar wees	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	34	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 2	no	Kaap Agulhas-boere vir goeie voorbeeld geprys	article	journalist	Die Burger	no name	South Africa (Western Cape)	69	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 2	no	Kleinvee: Studie met verbyvloeiopreien bied nuwe insigte	column	scientist or specialist	Die Burger	Tertius Brand (1ste spesialiswetenskaplike in diervoeding by Instituut vir Diereproduksie, Elsenburg, en buitengewone professor in diervoeding aan Universiteit Stellenbosch en Universiteit Pretoria)	South Africa (general)	106	life sciences	agriculture	yes

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Die Burger	Friday 13 July 2007	Landbou 2	no	Wolpresteerders	photograph	photographer	Die Burger	Theuns Botha	South Africa (Western Cape)	6	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 2	no	Benadeelde in bestuur van GSA	article	journalist	Die Burger	no name	South Africa (Western Cape)	27	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 3	no	Bedryfsstrategie vir wolbedryf op kongres gevra	article	journalist	Die Burger	Elize Pretorius	South Africa (general)	64	life sciences	agriculture	yes
Die Burger	Friday 13 July 2007	Landbou 3	no	Villiersdorp reg vir die ekspo	article	journalist	Die Burger	Hennie Richter	South Africa (Western Cape)	34	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 3	no	Swartland-veteraneklub hou ploegdag	article	journalist	Die Burger	no name	South Africa (Western Cape)	18	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 3	no	Wolkere vlieg na bemarkingstoets van rakke in VSA	article	journalist	Die Burger	Theuns Botha	America (North)	46	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 4	no	Groot geskenk	photograph	photographer	Other: Kaap Agulhas	no name	South Africa (Western Cape)	11	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 4	no	Plantteilers het kernrol by moderne uitdaginge	article	journalist	Die Burger	no name	Australasia	106	earth sciences	climate change	yes
Die Burger	Friday 13 July 2007	Landbou 4	no	Koringmark: Tot waar kan Piet Spekulant en maters die koringprys opjaag?	column	scientist or specialist	Die Burger	Jan Steyn (GrainCo)	South Africa (general)	105	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 13	no	Beste vakte	photograph	photographer	Other: Landbouweekblad	Johan Coetsee	South Africa (Western Cape)	19	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 13	no	Bemaking van wol sal bepaal wie oorleef	article	journalist	Die Burger	Elize Pretorius	South Africa (general)	75	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 14	no	Terror-wenwyne	photograph	photographer	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	15	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 14	no	Departement stel gedugte span aan	article	journalist	Die Burger	no name	South Africa (Western Cape)	106	life sciences	agriculture	no



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Die Burger	Friday 13 July 2007	Landbou 14	no	Tafel- en droogdrufinligtingsdag	article	journalist	Die Burger	no name	South Africa (general)	24	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 15	no	Wynkenners krap kop oor die invloed van aardverhitting	article	scientist or specialist	Die Burger	Piet Loubser (Lallamand SA)	Europe (other)	109	life sciences	agriculture	yes
Die Burger	Friday 13 July 2007	Landbou 16	no	Biltongjag tamaai bedryf in SA	article	journalist	Die Burger	no name	South Africa (North West)	109	life sciences	animals (wildlife)	no
Die Burger	Friday 13 July 2007	Landbou 16	no	Finaliste	photograph	photographer	Other: Landbouweekblad	Amela Genis	South Africa (Western Cape)	21	life sciences	agriculture	no
Die Burger	Friday 13 July 2007	Landbou 16	no	Landbouadboek	column	journalist	Die Burger	Leon Louw	South Africa (Western Cape)	39	life sciences	agriculture	no
Die Burger	Monday 16 July 2007	2	no	Pugh durf ysigste water nog aan	article	journalist	News agency: Sapa	no name	Polar Regions	26	earth sciences	climate change	yes
Die Burger	Monday 16 July 2007	4	no	Hospitaal se verpleegsters 'speel soms God'	article	journalist	Die Burger	Theuns van der Westhuizen	South Africa (Eastern Cape)	70	medicine and health	healthcare administration (Frere Hospital)	yes
Die Burger	Monday 16 July 2007	5	no	Lang wag in Hexrivierpas 'n soet lemoen werd	article	journalist	Die Burger	Jackie Pienaar	South Africa (Western Cape)	56	life sciences	agriculture	no
Die Burger	Monday 16 July 2007	8	no	Klassieke Klank: Digitale breek weg lei na elektroniese hemel van uitvoerings	column	journalist	Die Burger	Kobus van der Merwe	South Africa (general)	128	technology	internet and email	no
Die Burger	Monday 16 July 2007	9	no	Na pyn en ontbering soek hy net sy honde	article	journalist	Die Burger	Aliceline October	South Africa (Western Cape)	64	medicine and health	diseases and treatment	yes
Die Burger	Monday 16 July 2007	9	no	Motoriste dok op oor gasse	article	journalist	Die Burger	Una Cupido	South Africa (Western Cape)	57	life sciences	environment and pollution	yes
Die Burger	Monday 16 July 2007	10	no	Staat moet lisensies vir reseptering gou uitreik	article	journalist	Die Burger	Hilda Fourie	South Africa (Gauteng)	51	medicine and health	healthcare administration (malpractice)	no
Die Burger	Monday 16 July 2007	12	no	n Olifantjie trek gister tou teen besoekers	photograph	photographer	News agency: Reuters	no name	Asia (Far East and Russia)	2	life sciences	animals (wildlife)	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Monday 16 July 2007	13	no	Book Review: Veldwysshede bly jou by	article	scientist or specialist	Die Burger	Andre P Brink (skrywer en letterkundige van Kaapstad)	South Africa (Eastern Cape)	168	life sciences	environment and pollution	no
Die Burger	Monday 16 July 2007	Jip page 2	no	Jip-groep	photograph	photographer	Die Burger	no name	South Africa (general)	22	technology	internet and email	no
Die Burger	Tuesday 17 July 2007	3	no	Australier ry selfoonstorings met tenk plat 'oor golwe sy brein aantak'	article	journalist	News agency: Sapa	no name	Australasia	18	medicine and health	mental health	no
Die Burger	Tuesday 17 July 2007	4	no	Allie Cox moes opdok oor 'eko-skade', meen kenner	article	journalist	Die Burger	Riette Olivier	South Africa (Eastern Cape)	86	life sciences	environment and pollution	no
Die Burger	Tuesday 17 July 2007	8	no	Ysbeer doen dit weer	photograph	photographer	News agency: unnamed	no name	Polar Regions	26	earth sciences	climate change	yes
Die Burger	Tuesday 17 July 2007	9	no	Skudding eis ses in Japan	article	journalist	News agency: Agence France-Presse (AFP)	no name	Asia (Far East and Russia)	71	earth sciences	geology	yes
Die Burger	Tuesday 17 July 2007	10	no	n Wereld in Encounters	article	journalist	Die Burger	Laetitia Pople and Carina le Grange	South Africa (general)	157	medicine and health	Aids	no
Die Burger	Tuesday 17 July 2007	12	no	Van alle kante: Gee kinders kos met liefde	column	journalist	Die Burger	Willem Pretorius	Europe (other)	84	life sciences	agriculture	no
Die Burger	Tuesday 17 July 2007	13	no	So kyk hof na geestesiekties	article	journalist	Die Burger	Elisabé Brits	South Africa (general)	255	medicine and health	mental health	yes
Die Burger	Tuesday 17 July 2007	13	no	Blouwillemaandag op 'n Dinsdag: Mugabe as ekonoom het almal in war	column	journalist	Die Burger	Blou Willem	South Africa (Mpumalanga)	85	life sciences	animals (wildlife)	no
Die Burger	Tuesday 17 July 2007	Buite 2	no	Buite: lets vir ieder en elk in 'Buite'	column	journalist	Die Burger	Eben Human	Africa	53	life sciences	environment and pollution	no
Die Burger	Tuesday 17 July 2007	Buite 3	no	Blommeseisoen vanjaar vroer	article	journalist	Die Burger	Pieter Strauss	South Africa (Northern Cape)	63	life sciences	plants	yes
Die Burger	Tuesday 17 July 2007	Buite 5	no	Tydren help natuur bewaart	article	scientist or specialist	Die Burger	Amanda Koech (Kenya Wildlife Services)	Africa	50	life sciences	environment and pollution	no

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Die Burger	Tuesday 17 July 2007	Buite 6	no	Vra vir Ernst: Pragtige struik met die sterk reuk	column	scientist or specialist	Die Burger	Ernst van Jaarsveld	South Africa (Western Cape)	149	life sciences	plants	yes
Die Burger	Tuesday 17 July 2007	Buite 6	no	Blomtyd in Namakwaland	article	journalist	Die Burger	Eben Human	South Africa (Western Cape)	45	life sciences	plants	no
Die Burger	Tuesday 17 July 2007	Buite 7	no	Verlief op die Richtersveld	article	journalist	Die Burger	Hennie van der Merwe	South Africa (Northern Cape)	190	life sciences	environment and pollution	no
Die Burger	Tuesday 17 July 2007	Buite 8	no	Gaan na die berge en word wys	article	journalist	Die Burger	Erina Vorster	South Africa (Western Cape)	165	life sciences	environment and pollution	no
Die Burger	Tuesday 17 July 2007	Buite 9	no	Stap by Dassieskasteel	article	journalist	Die Burger	Karen Watkins	South Africa (Western Cape)	165	life sciences	environment and pollution	yes
Die Burger	Tuesday 17 July 2007	Buite 10	no	Elandsberg se prag nog beter bewaar	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	300	life sciences	plants	yes
Die Burger	Tuesday 17 July 2007	Buite 11	no	Meer oor renosterveld en SA se flora	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	40	life sciences	plants	yes
Die Burger	Wednesday 18 July 2007	4	no	Plakkershutte neem met 223% toe - SAIIR	article	journalist	Die Burger	Eugene Gunning	South Africa (general)	115	medicine and health	other	yes
Die Burger	Wednesday 18 July 2007	6	no	Stropery het vernietigende invloed op wild	article	journalist	Die Burger	Elise Tempelhoff	Africa	76	life sciences	animals (wildlife)	yes
Die Burger	Wednesday 18 July 2007	6	no	Petrol in Zim teen R8000 per liter	article	journalist	Die Burger	Tangai Chipangura, Media24-Afrika-kantoor	Africa	32	physical sciences	energy (oil and gas)	no
Die Burger	Wednesday 18 July 2007	9	no	Sanco versprei Rath se vitamene	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	87	medicine and health	Aids	yes
Die Burger	Wednesday 18 July 2007	11	no	SA bevolking se herkoms bekyk	article	journalist	Die Burger	Fanie van Rooyen	South Africa (general)	95	life sciences	genetics	yes
Die Burger	Wednesday 18 July 2007	11	no	Bedrieërs probeer glo ramp slagoffers se geld kry	article	journalist	News agency: Agence France-Presse (AFP)	no name	Africa	39	life sciences	environment and pollution	no

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Die Burger	Wednesday 18 July 2007	11	no	Peiling wys SA vroue verkies mans sonder lyfthare	article	journalist	News agency: Sapa	no name	South Africa (general)	33	medicine and health	other	no
Die Burger	Wednesday 18 July 2007	13	no	CapeNature kry nuwe voorsitter	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	63	life sciences	environment and pollution	no
Die Burger	Wednesday 18 July 2007	13	no	Kern-lekkasie in Japan word ondersoek	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	33	physical sciences	energy (nuclear)	yes
Die Burger	Wednesday 18 July 2007	15	no	Inspekteurs keer nie stropers	letter	public	n/a	Bewaringsbewuste, Pearly Beach	South Africa (Western Cape)	25	life sciences	animals (marine)	no
Die Burger	Wednesday 18 July 2007	15	no	Mens kan nie aarde red	letter	public	n/a	A du Toit, Paarl	South Africa (general)	50	earth sciences	climate change	yes
Die Burger	Wednesday 18 July 2007	Leefst yf page 2	no	Trooskos bring net selfverwy na die tyd	article	journalist	Die Burger	Sophia van Taak	South Africa (general)	132	medicine and health	nutrition	yes
Die Burger	Wednesday 18 July 2007	Leefst yf page 4	no	Tuinlewe: 'n Miniwoud in jou agterplaas	column	scientist or specialist	Die Burger	Anna Celliers	South Africa (Western Cape)	341	life sciences	plants	yes
Die Burger	Thursday 19 July 2007	2	no	Lafenis	photograph	photographer	News agency: European Pressphoto Agency (EPA)	no name	Europe (other)	5	earth sciences	meteorology	yes
Die Burger	Thursday 19 July 2007	3	no	Duitsers wil Oscar-bene beels	article	journalist	Die Burger	De Jongh Borchardt	Europe (other)	66	technology	other	yes
Die Burger	Thursday 19 July 2007	4	no	Polisie is handelskelms 'een voor'	article	journalist	Die Burger	Leon-Ben Lamprecht	South Africa (general)	161	technology	internet and email	yes
Die Burger	Thursday 19 July 2007	5	no	Kettinggroep waarsku oor Chinese produkte	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (general)	121	medicine and health	food and product safety	yes
Die Burger	Thursday 19 July 2007	16	no	Madiba, Tut, Annan stig groep van wyses	article	journalist	Die Burger	Mandy Rossouw	South Africa (Gauteng)	78	medicine and health	Aids	no
Die Burger	Thursday 19 July 2007	20	no	Ondergrondse meer ontdek wat Darfoer kan laat floreer	article	journalist	News agency: Sapa	no name	Africa	56	earth sciences	water	yes

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Die Burger	Thursday 19 July 2007	21	no	Ruimtepak kry na 40 j. nuwe baadjie	article	journalist	Die Burger	Elsabé Brits	America (North)	60	physical sciences	astronomy	yes
Die Burger	Thursday 19 July 2007	21	no	Die mens se oorsprong net in Afrika	article	journalist	Die Burger	Elsabé Brits	Africa	90	life sciences	evolution	yes
Die Burger	Thursday 19 July 2007	21	no	Sluier oor skisofrenie effens gelig in nuwe navorsing	article	journalist	Die Burger	Alet Rademeyer	South Africa (general)	68	medicine and health	mental health	yes
Die Burger	Thursday 19 July 2007	22	no	Maak die afslag 'n toelaag	letter	public	n/a	Pieter Swanevelder, Dufnefontein	South Africa (general)	14	physical sciences	energy (renewable)	no
Die Burger	Thursday 19 July 2007	23	no	Vryburger: Eishkom!	column	journalist	Die Burger	Vryburger	South Africa (general)	5	physical sciences	energy (electricity)	no
Die Burger	Friday 20 July 2007	2	no	China-kos veilig - Shoprite en Woolworths	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (general)	98	medicine and health	food and product safety	yes
Die Burger	Friday 20 July 2007	6	no	Kerke kry staatsgeld vir welsyn	article	journalist	Die Burger	Neels Jackson	South Africa (general)	103	medicine and health	Aids	no
Die Burger	Friday 20 July 2007	6	no	Wie's jou (s)kat?	photograph	photographer	News agency: Reuters	no name	Asia (Middle East and India)	2	life sciences	animals (wildlife)	no
Die Burger	Friday 20 July 2007	7	no	CNN beloon beste joernaliste	article	journalist	News agency: unnamed	no name	South Africa (Western Cape)	44	medicine and health	other	no
Die Burger	Friday 20 July 2007	8	no	Chaskalson en Maathai bekroon vir menseregte en gesondheid	article	journalist	Die Burger	Rajaa Azzakani	South Africa (general)	82	medicine and health	Aids	no
Die Burger	Friday 20 July 2007	14	no	Encounters: Beethoven's Hair	article	journalist	Die Burger	Carina le Grange, Niel le Roux and Laetitia Pople	South Africa (general)	47	earth sciences	palaeontology and archaeology	no
Die Burger	Friday 20 July 2007	15	no	Die nuwe kleeftint plak soos mossels	article	journalist	News agency: Reuters	no name	America (North)	89	technology	other	yes
Die Burger	Friday 20 July 2007	15	no	Fossiele wys meer oor dinosourier-voorsate	article	journalist	Die Burger	Elsabé Brits	America (North)	62	earth sciences	palaeontology and archaeology	yes
Die Burger	Friday 20 July 2007	15	no	Rooivleis is nie 'groen genoeg'	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	45	earth sciences	climate change	yes

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Die Burger	Friday 20 July 2007	16	no	n Seun duik op 'n snikhete dag Woensdag in die Dambovitarië in Sentraal-Boekarest, Roemenie	photograph	photographer	News agency: Reuters	Bogdan Cristel	Europe (other)	2	earth sciences	meteorology	yes
Die Burger	Monday 23 July 2007	2	no	Elektrisiteitswerker val hom dood	article	journalist	Die Burger	Marius Louw	South Africa (Western Cape)	36	physical sciences	energy (electricity)	no
Die Burger	Monday 23 July 2007	5	no	SA hoef nie geld te leen vir die veldtog	article	journalist	Die Burger	Antoinette Pienaar	South Africa (general)	46	medicine and health	Aids	no
Die Burger	Monday 23 July 2007	5	no	Drie gene wat vigs kan bestry in VSA gevind	article	journalist	Die Burger	Elsabé Brits	America (North)	53	life sciences	genetics	yes
Die Burger	Monday 23 July 2007	6	no	Top-joernaliste van oral in Afrika vereer	article	journalist	Die Burger	Samanie Smith	South Africa (Western Cape)	78	medicine and health	other	no
Die Burger	Monday 23 July 2007	6	no	Sepies kry skuld vir seksuele siektes	article	journalist	Die Burger	Joylene van Wyk	Europe (UK and Ireland)	52	medicine and health	diseases and treatment	yes
Die Burger	Monday 23 July 2007	7	no	Moesson saai verwoesting in Pakistan	photograph	photographer	News agency: Reuters	no name	Asia (Middle East and India)	2	earth sciences	meteorology	no
Die Burger	Monday 23 July 2007	7	no	Vloede in China eis al meer as 100	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	74	earth sciences	meteorology	yes
Die Burger	Monday 23 July 2007	7	no	Hittogolf eis sy tol ion Roemenie, Hongarye	article	journalist	News agency: Reuters	no name	Europe (other)	34	earth sciences	meteorology	yes
Die Burger	Monday 23 July 2007	7	no	Vloede veroorsaak watertekort in Engeland	article	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	34	earth sciences	water	yes
Die Burger	Monday 23 July 2007	10	no	SA en China	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	Asia (Far East and Russia)	36	medicine and health	food and product safety	no
Die Burger	Monday 23 July 2007	11	no	Book Review: Vertaling welgedaan, maar laat daai 'San' tog staan	article	scientist or specialist	Die Burger	Hennie Aucamp (skrywer van Kaapstad)	South Africa (general)	206	life sciences	environment and pollution	no
Die Burger	Monday 23 July 2007	Jip page 2	no	Gadgets: 'Slanker' PSP op pad	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	16	technology	computers	yes

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Die Burger	Tuesday 24 July 2007	1	no	Weerdiens maan Kapenaars oor swaar reen en donderstorms	article	journalist	Die Burger	Arnold Ras	South Africa (Western Cape)	64	earth sciences	meteorology	yes
Die Burger	Tuesday 24 July 2007	2	no	Daar is maniere om 'n kuberpes vas te vat	article	journalist	Die Burger	Leon-Ben Lamprecht	South Africa (Free State)	86	technology	internet and email	no
Die Burger	Tuesday 24 July 2007	5	no	Vier in Kaapse tronke het XDR-TB	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	90	medicine and health	diseases and treatment	yes
Die Burger	Tuesday 24 July 2007	5	no	Worcester-babas het nie TB	article	journalist	Die Burger	Malani Venter	South Africa (Western Cape)	43	medicine and health	diseases and treatment	yes
Die Burger	Tuesday 24 July 2007	5	no	Oorstromings mik na Londen	article	journalist	Die Burger	Joylene van Wyk	Europe (UK and Ireland)	102	earth sciences	meteorology	yes
Die Burger	Tuesday 24 July 2007	6	no	CapeNature 'word in voet geskiet'	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	104	earth sciences	water	yes
Die Burger	Tuesday 24 July 2007	6	no	SA se omgewing word vir die gewin uitgebuit	article	journalist	Die Burger	Elise Tempelhoff	South Africa (general)	46	life sciences	environment and pollution	yes
Die Burger	Tuesday 24 July 2007	9	no	Vigs eis al meer kleuters	article	journalist	Die Burger	Antoinette Pienaar	South Africa (general)	84	medicine and health	Aids	yes
Die Burger	Tuesday 24 July 2007	12	no	Rolprentfees fokus op omgewingskwesies	article	journalist	Die Burger	no name	South Africa (Western Cape)	64	life sciences	environment and pollution	no
Die Burger	Tuesday 24 July 2007	14	no	Eskom	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (general)	38	physical sciences	energy (electricity)	no
Die Burger	Tuesday 24 July 2007	14	no	Van alle kante: Salig is die wat die tag bring	column	journalist	Die Burger	Wilhelm Jordaan	South Africa (general)	84	medicine and health	mental health	yes
Die Burger	Tuesday 24 July 2007	14	no	Eskom verstorm met tariefplan	letter	public	n/a	Ben Stander, Durbanville	South Africa (general)	41	physical sciences	energy (electricity)	no
Die Burger	Tuesday 24 July 2007	14	no	Topbestuur doen nie werk	letter	public	n/a	Gideon Joubert, Somerset-Wes	South Africa (general)	46	physical sciences	energy (electricity)	no
Die Burger	Tuesday 24 July 2007	Buite 2	no	Kamp Kos: Anton se blomme gee beste bredie	column	journalist	Die Burger	Lise Beyers	South Africa (Western Cape)	98	life sciences	plants	no
Die Burger	Tuesday 24 July 2007	Buite 2	no	Buite: Wildtuin die beste	column	journalist	Die Burger	Eben Human	South Africa (general)	16	life sciences	environment and pollution	no

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Die Burger	Tuesday 24 July 2007	Buite 3	no	Blomtappte plek-plek al uitgerol	column	journalist	Die Burger	Ludwig Visser	South Africa (Western Cape)	176	life sciences	plants	no
Die Burger	Tuesday 24 July 2007	Buite 5	no	Singita Sabie is die beste	article	journalist	Die Burger	no name	South Africa (Mpumalanga)	80	life sciences	animals (wildlife)	no
Die Burger	Tuesday 24 July 2007	Buite 7	no	Vra vir Ernst: Te veel kunsmis sleg vir gras	column	scientist or specialist	Die Burger	Ernst van Jaarsveld	South Africa (Western Cape)	165	life sciences	plants	yes
Die Burger	Tuesday 24 July 2007	Buite 7	no	Publiek moet oe oophou vir geringde bloukraanvoels	article	journalist	Die Burger	no name	South Africa (Western Cape)	54	life sciences	animals (birds)	yes
Die Burger	Tuesday 24 July 2007	Buite 8	no	Uit verre Afrika: Al swet(s)ende oor die Kongorivier	column	journalist	Die Burger	Kingsley Holgate	Africa	321	life sciences	environment and pollution	no
Die Burger	Wednesday 25 July 2007	1	yes	Die eerste le nog voor Toename in wrede hondegevegte op Stellenbosch	article	journalist	Die Burger	Arnold Ras	South Africa (Western Cape)	100	earth sciences	meteorology	yes
Die Burger	Wednesday 25 July 2007	1	no		article	journalist	Die Burger	Jan Gerber	South Africa (Western Cape)	96	life sciences	animals (pets)	no
Die Burger	Wednesday 25 July 2007	2	no	Cosatu se staking net laaste opsie	article	journalist	Die Burger	Ilse Fredericks and Diana-Marié Strydom	South Africa (Western Cape)	213	medicine and health	hospital strike	no
Die Burger	Wednesday 25 July 2007	2	no	Man kry opgeskorte vonnis na hy poelhand met saag onthoof	article	journalist	Die Burger	Danel Blaauw	South Africa (Mpumalanga)	89	life sciences	animals (pets)	no
Die Burger	Wednesday 25 July 2007	4	no	Plakkershuurte weer swaarsie getref deur Kaapse stormweer	article	journalist	Die Burger	Arnold Ras	South Africa (Western Cape)	65	earth sciences	meteorology	no
Die Burger	Wednesday 25 July 2007	4	no	Britte kort drinkwater na vloede	article	journalist	Die Burger	Joylene van Wyk	Europe (UK and Ireland)	73	earth sciences	water	yes
Die Burger	Wednesday 25 July 2007	8	no	Entstof maak dalk babas met MIV siek	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	76	medicine and health	diseases and treatment	yes
Die Burger	Wednesday 25 July 2007	9	no	Agri Wes-Kaap kap Rasool	article	journalist	Die Burger	Eugene Gunning	South Africa (Western Cape)	105	life sciences	agriculture	no

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Die Burger	Wednesday 25 July 2007	10	no	Op moedersbors	photograph	photographer	Reuters	no name	Europe (other)	1	life sciences	animals (wildlife)	no
Die Burger	Wednesday 25 July 2007	10	no	Identiteit gesteel op Facebook	article	journalist	Die Burger	Joylene van Wyk	Europe (UK and Ireland)	74	technology	internet and email	no
Die Burger	Wednesday 25 July 2007	10	no	Molekules rondom ou ster kan lig werp op boublokke	article	journalist	Die Burger	Elsabé Brits	America (North)	54	physical sciences	astronomy	yes
Die Burger	Wednesday 25 July 2007	10	no	Veelgeprese iPhone is kwesbaar vir krakers	article	journalist	News agency: Associated Press (AP)	no name	America (North)	26	technology	telecommunication	yes
Die Burger	Wednesday 25 July 2007	14	no	Van alle kante: Om maar ouer te mag wees	column	journalist	Die Burger	Valda Jansen	South Africa (Western Cape)	84	medicine and health	other	no
Die Burger	Wednesday 25 July 2007	15	no	Eko-balans droog op	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (general)	243	life sciences	environment and pollution	yes
Die Burger	Wednesday 25 July 2007	15	no	Hou op kla oor kernkrag	letter	public	n/a	Bibberende Landsburger, De Rust	South Africa (Western Cape)	23	physical sciences	energy (nuclear)	no
Die Burger	Wednesday 25 July 2007	Leefstyl page 7	no	Tuinlewe: Die gesigge van 'n madeliefie darem!	column	scientist or specialist	Die Burger	Anna Celliers	South Africa (Western Cape)	145	life sciences	plants	yes
Die Burger	Wednesday 25 July 2007	Gesondheid 1	no	Skenk so beenmurg	photograph	photographer	News agency: unnamed	no name	South Africa (general)	2	medicine and health	diseases and treatment	no
Die Burger	Wednesday 25 July 2007	Gesondheid 2	no	Spreekkamer: Lesers vra... Trombofilie kan aangebore of verworwe toestand wees	column	scientist or specialist	Die Burger	Dr Lizette White ('n ginekoloog van Durbanville)	South Africa (general)	68	medicine and health	diseases and treatment	yes
Die Burger	Wednesday 25 July 2007	Gesondheid 2	no	Vra 'n vraag en wen	article	journalist	Die Burger	no name	South Africa (general)	21	medicine and health	other	no
Die Burger	Wednesday 25 July 2007	Gesondheid 3	no	Lesers vertel... Beenmurgoorplanting verander man se lewe	article	journalist	Die Burger	Elizna Werth	South Africa (general)	99	medicine and health	diseases and treatment	yes
Die Burger	Wednesday 25 July 2007	Gesondheid 3	no	Beenmurgskenkning nie so pynlik as wat publiek dink	article	journalist	Die Burger	Marissa Baard	South Africa (Western Cape)	70	medicine and health	diseases and treatment	yes

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Die Burger	Wednesday 25 July 2007	Gesondheid 4	no	Nuwe boek verduidelik regte voeding vir sportlui	article	journalist	Die Burger	Candice Swarts	South Africa (general)	91	medicine and health	nutrition	yes
Die Burger	Wednesday 25 July 2007	Gesondheid 4	no	Wen twee kopieë van 'Eet Slim vir Sport	article	journalist	Die Burger	no name	South Africa (general)	18	medicine and health	nutrition	no
Die Burger	Wednesday 25 July 2007	Gesondheid 5	no	Herken die tekens van skeidingsangs by kind	article	journalist	Die Burger	Saafia February	South Africa (Western Cape)	68	medicine and health	mental health	yes
Die Burger	Wednesday 25 July 2007	Gesondheid 7	no	Komplementeer: Rooibos kan in vele gedaantes voorkom	article	journalist	Die Burger	Lizelle van Jaarsveld	South Africa (general)	188	medicine and health	nutrition	yes
Die Burger	Thursday 26 July 2007	1	yes	Mediese koste skook	article	journalist	Die Burger	Amanda Visser and Rene Volgraaf	South Africa (general)	79	medicine and health	healthcare administration (other)	no
Die Burger	Thursday 26 July 2007	1	no	Flou son gaan wyk voor volgende kouefront	article	journalist	Die Burger	Arnold Ras	South Africa (Western Cape)	42	earth sciences	meteorology	yes
Die Burger	Thursday 26 July 2007	2	no	n Reenboog versier Dinsdag Kaapstad se hemelruim	photograph	photographer	News agency: Associated Press (AP)	no name	South Africa (Western Cape)	1	earth sciences	meteorology	no
Die Burger	Thursday 26 July 2007	5	no	Brakkies word veghonde se kos	article	journalist	Die Burger	Nurene Jassiem	South Africa (Eastern Cape)	107	life sciences	animals (pets)	yes
Die Burger	Thursday 26 July 2007	5	no	Moeti-moedenaar sit ook oor wildvergifting	article	journalist	Die Burger	Mariette Louw Carstens	South Africa (Limpopo)	51	life sciences	animals (wildlife)	yes
Die Burger	Thursday 26 July 2007	6	no	Zim voer tonne mielies van Tanzanie in	article	journalist	News agency: Sapa	no name	Africa	27	life sciences	agriculture	no
Die Burger	Thursday 26 July 2007	11	no	Oscar gou getoets in Europe	article	journalist	Die Burger	De Jongh Borchardt	Europe (other)	30	technology	other	no
Die Burger	Thursday 26 July 2007	15	no	Vereniging vra vir strengere reëls oor perdekarre op paale	article	journalist	Die Burger	Liezl Dyson	South Africa (Western Cape)	88	life sciences	animals (farm)	no
Die Burger	Thursday 26 July 2007	16	no	Vrou in hof oor taks op operasie om geslag te verander	article	journalist	News agency: Reuters	no name	America (North)	72	medicine and health	other	no

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Thursday 26 July 2007	16	no	Eienaardige' sonovis spoel uit by Seepunt	article	journalist	Die Burger	Amy Johnson	South Africa (Western Cape)	27	life sciences	animals (marine)	yes
Die Burger	Thursday 26 July 2007	16	no	Kragvraag teen 2010 kwel Eskom	article	journalist	Die Burger	Theuns van der Westhuizen	South Africa (general)	71	physical sciences	energy (electricity)	yes
Die Burger	Thursday 26 July 2007	17	no	Kameras in Beijing hou 'n ogle oor vryers	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	27	technology	other	no
Die Burger	Thursday 26 July 2007	19	no	Erge hittegolf het Europa in sy kloue	article	journalist	News agency: Sapa	no name	Europe (other)	59	earth sciences	meteorology	yes
Die Burger	Thursday 26 July 2007	20	no	Twee bene het minder energie geveer, vind kenners	article	journalist	Die Burger	Elsabé Brits	Africa	76	life sciences	evolution	yes
Die Burger	Thursday 26 July 2007	20	no	Oorlogveteraan kry werkende robothand	article	journalist	Die Burger	Fanie van Rooyen	America (North)	78	technology	other	yes
Die Burger	Thursday 26 July 2007	21	no	Oordorp' verrys uit as en vullis	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	113	earth sciences	palaeontology and archaeology	yes
Die Burger	Thursday 26 July 2007	21	no	n Tyd toe Weskussers nie vis gevang het	article	journalist	Die Burger	no name	South Africa (Western Cape)	64	earth sciences	palaeontology and archaeology	yes
Die Burger	Thursday 26 July 2007	22	no	Koop nie groente van Zim	letter	public	n/a	Lorene van Schalkwyk, Paarl	Africa	11	life sciences	agriculture	no
Die Burger	Thursday 26 July 2007	23	no	Vryburger: Weet die ANC dan nie van Mapungubwe?	column	journalist	Die Burger	Vryburger	South Africa (Limpopo)	11	earth sciences	palaeontology and archaeology	no
Die Burger	Thursday 26 July 2007	23	no	Vryburger: Stormwolke pak saam	column	journalist	Die Burger	Vryburger	South Africa (general)	12	earth sciences	meteorology	no
Die Burger	Thursday 26 July 2007	23	no	Groter dosisse help wel	letter	scientist or specialist	n/a	Dr Ilona Visser, Kaapstad	South Africa (general)	44	medicine and health	nutrition	yes
Die Burger	Friday 27 July 2007	2	no	Premier sal se oor Nehawu-klages	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	50	medicine and health	hospital strike	no
Die Burger	Friday 27 July 2007	3	no	Vrou van die Jaar is iemand wat vooruit boer	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	76	life sciences	agriculture	no

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Friday 27 July 2007	3	no	Jerome Topley en Dowry 'Praat saam'	article	journalist	Die Burger	Eugene Gunning	South Africa (Western Cape)	56	life sciences	agriculture	no
Die Burger	Friday 27 July 2007	4	no	Onweer maak wyd amok	article	journalist	Die Burger	Arnold Ras	South Africa (Western Cape)	124	earth sciences	meteorology	yes
Die Burger	Friday 27 July 2007	4	no	Aktiviste het steeds mes in vir 'hondeslagter'	article	journalist	Die Burger	Danel Blaauw	South Africa (Mpumalanga)	85	life sciences	animals (pets)	no
Die Burger	Friday 27 July 2007	5	no	Streng riglyne vir kos kom	article	journalist	Die Burger	Antoinette Pienaar	South Africa (general)	86	medicine and health	nutrition	yes
Die Burger	Friday 27 July 2007	13	no	CapeNature werk aan plan vir meer toeriste	article	journalist	Die Burger	Jorisna Bonthuys	South Africa (Western Cape)	93	life sciences	environment and pollution	no
Die Burger	Friday 27 July 2007	13	no	Wentofotografie is verheug en baie trots	article	journalist	Die Burger	no name	South Africa (Western Cape)	64	life sciences	animals (pets)	no
Die Burger	Friday 27 July 2007	13	no	Cobus Dowry ongelukkig oor 'klappe' van Agri Wes-Kaap	article	journalist	Die Burger	Eugene Gunning	South Africa (Western Cape)	59	life sciences	agriculture	no
Die Burger	Friday 27 July 2007	14	no	Private hospitale: Onthou: Nie 'n kuggie nie - Hoes vir my!	cartoon	cartoonist	Die Burger	Fred Mouton	South Africa (general)	none	medicine and health	healthcare administration (other)	no
Die Burger	Friday 27 July 2007	14	no	Suurstof	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (general)	36	earth sciences	climate change	yes
Die Burger	Friday 27 July 2007	15	no	Ombudsman: Beskrywing van landbouer as 'boer' krap om	column	journalist	Die Burger	George Claassen	South Africa (Western Cape)	117	life sciences	agriculture	no
Die Burger	Friday 27 July 2007	Landbou 1	no	Slakke verniel kanola en graan	photograph	photographer	Other: Southern Oil Limited, Swellendam	no name	South Africa (Western Cape)	3	life sciences	agriculture	no
Die Burger	Friday 27 July 2007	Landbou 1	no	Oesmasjiene bedreig nie verkleurmanne	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	33	life sciences	agriculture	yes
Die Burger	Friday 27 July 2007	Landbou 2	no	Agri Megaweek betrek plaaswerkers	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	32	life sciences	agriculture	no

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Friday 27 July 2007	Landb ou 2	no	Suid-Kaap se skape kwaal brandsiek	article	journalist	Die Burger	no name	South Africa (Western Cape)	101	life sciences	agriculture	yes
Die Burger	Friday 27 July 2007	Landb ou 3	no	Bon Courage se shiraz bly wenner	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	90	life sciences	agriculture	no
Die Burger	Friday 27 July 2007	Landb ou 3	no	Bien Donne se ekspo fokus op toekoms	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	39	life sciences	agriculture	no
Die Burger	Friday 27 July 2007	Landb ou 4 and 5	no	Oplossings gesoek oor slakke kanola verniel	article	scientist or specialist	Die Burger	Johan Luuse (landboukundige van Overberg Agri) en dr. Geoff Tribe (etimoloog van die LNR se instituut vir Plant verbetering)	South Africa (Western Cape)	229	life sciences	agriculture	yes
Die Burger	Friday 27 July 2007	Landb ou 4	no	Koringmark: Drink whisky en ry koring se prysgolf tot by breekpunt	column	scientist or specialist	Die Burger	Jan Steyn (GrainCo)	South Africa (general)	114	life sciences	agriculture	no
Die Burger	Friday 27 July 2007	Landb ou 8	no	Brandewyntradisie leef voort op Uitsyck	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	67	life sciences	agriculture	no
Die Burger	Friday 27 July 2007	Landb ou 8	no	Kursus oor weidings weer op Outeniqua	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	49	life sciences	agriculture	yes
Die Burger	Friday 27 July 2007	Landb ou 9	no	US neem voortou in watervorsingsprojek	article	journalist	Die Burger	Karin Theron	South Africa (Western Cape)	88	earth sciences	water	yes
Die Burger	Friday 27 July 2007	Landb ou 9	no	Nederburg raak jonger	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	34	life sciences	agriculture	no
Die Burger	Friday 27 July 2007	Landb ou 10	no	Beeldhouwek eersdaags op wynfees onthul	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	42	life sciences	agriculture	no
Die Burger	Friday 27 July 2007	Landb ou 10	no	Alles oor tafel- en droogdruipe op Goudini bespreek	article	journalist	Die Burger	no name	South Africa (Western Cape)	32	life sciences	agriculture	no

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Friday 27 July 2007	Landb ou 11	no	Gesogte prys vir Vredendallers	article	journalist	Die Burger	Julene Stephen	South Africa (Western Cape)	67	life sciences	agriculture	yes
Die Burger	Friday 27 July 2007	Landb ou 11	no	Veritas wag vir '07-kandidate	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	29	life sciences	agriculture	no
Die Burger	Friday 27 July 2007	Landb ou 12	no	Verkleurmanne veilig om wingerde	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	109	life sciences	agriculture	yes
Die Burger	Friday 27 July 2007	Landb ou 12	no	SAWWV-winterbyeenkoms bring insigte	article	journalist	Die Burger	no name	South Africa (Western Cape)	34	life sciences	agriculture	no
Die Burger	Friday 27 July 2007	Landb ou 12	no	Geniet sauvignons blanc	article	journalist	Die Burger	no name (Leon Louw)	South Africa (Western Cape)	5	life sciences	agriculture	no
Die Burger	Friday 27 July 2007	Landb ou 12	no	Landboudagboek	column	journalist	Die Burger	Leon Louw	South Africa (Western Cape)	40	life sciences	agriculture	no
Die Burger	Monday 30 July 2007	1	no	Mense 'bly in 'n kunsmatige dam'	article	journalist	Die Burger	Cherice Smith and Millicent Merton	South Africa (Western Cape)	89	earth sciences	water	no
Die Burger	Monday 30 July 2007	3	no	Ble op net vir plek op reuse straler	article	journalist	Die Burger	no name	Asia (Far East and Russia)	37	technology	other	yes
Die Burger	Monday 30 July 2007	4	no	Vyl brandbestryders verkool in wegholbrande naby Sabie	article	journalist	Die Burger	Naranda Nell	South Africa (Mpumalanga)	79	life sciences	environment and pollution	no
Die Burger	Monday 30 July 2007	4	no	Sneeu kuier vinnig, reen is hier om te bly	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	69	earth sciences	meteorology	yes
Die Burger	Monday 30 July 2007	4	no	Nat paai eise ses lewens oor naweek	article	journalist	Die Burger	Cherice Smith	South Africa (Western Cape)	64	earth sciences	meteorology	no
Die Burger	Monday 30 July 2007	7	no	Britse beplan 'slim huise' vir bejaardes	article	journalist	Die Burger	Joylene van Wyk	Europe (UK and Ireland)	40	technology	other	yes
Die Burger	Monday 30 July 2007	9	no	Melkprodukte gou terug op rakke	article	journalist	Die Burger	Arnold Ras and Marelize Barnard	South Africa (Western Cape)	80	life sciences	agriculture	yes

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Monday 30 July 2007	9	no	Dokters haal man se blindederm uit by lig van selfone	article	journalist	News agency: Reuters	no name	America (Central and South)	31	technology	telecommunication	no
Die Burger	Monday 30 July 2007	11	no	Man 'het vaginale probleme'	article	journalist	Die Burger	Antoinette Pienaar	South Africa (Gauteng)	106	science and beliefs	pseudoscience and superstitions	yes
Die Burger	Monday 30 July 2007	12	no	Gemorskos	editorial comment	journalist	Die Burger	Henry Jeffreys (Die Burger Editor)	South Africa (general)	40	medicine and health	nutrition	yes
Die Burger	Monday 30 July 2007	12	no	Doen ondersoek eer Manto 'red'	letter	public	n/a	Spike Erasmus, Stellenbosch	South Africa (general)	36	medicine and health	healthcare administration (other)	no
Die Burger	Monday 30 July 2007	13	no	Book Review: Paragrawe: George Claassen	article	journalist	Die Burger	no name	South Africa (Western Cape)	8	science and beliefs	pseudoscience and superstitions	no
Die Burger	Monday 30 July 2007	14	no	Book Review: Paragrawe: Piet Oosthuizen	article	journalist	Die Burger	no name	South Africa (Western Cape)	5	medicine and health	mental health	no
Die Burger	Monday 30 July 2007	Jip page 2	no	Moenie die potte en panne swartsmoor	article	journalist	Die Burger	Ina Opperman	South Africa (North West)	137	earth sciences	geology	yes
Die Burger	Monday 30 July 2007	Jip page 4	no	Talle sekspeste op MySpace	article	journalist	News agency: British Broadcasting Corporation (BBC)	no name	America (North)	19	technology	internet and email	no
Die Burger	Tuesday 31 July 2007	1	no	Bitter min tyd oor voor ekspe	article	journalist	Die Burger	no name	South Africa (Western Cape)	48	physical sciences	physics	no
Die Burger	Tuesday 31 July 2007	2	no	Pierre Spies uit Wêreldbeker met 'bloedklonte in longe'	article	journalist	Die Burger	Stephen Nell	South Africa (general)	46	medicine and health	diseases and treatment	no
Die Burger	Tuesday 31 July 2007	2	no	Kommer oor riool na vloed	article	journalist	Die Burger	Amy Johnson and Lielz Dyson	South Africa (Western Cape)	88	medicine and health	diseases and treatment	no
Die Burger	Tuesday 31 July 2007	2	no	Meer as 38 000 deur storms ontwrig	article	journalist	Die Burger	Theuns van der Westhuizen	South Africa (Western Cape)	33	earth sciences	meteorology	no

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Tuesday 31 July 2007	2	no	Groet die dag met die weerhaan - en kuier op ons webwerf	article	journalist	Die Burger	no name	South Africa (Western Cape)	33	earth sciences	meteorology	no
Die Burger	Tuesday 31 July 2007	3	no	Minister beloof hulp na brande	article	journalist	Die Burger	Naranda Nell	South Africa (Mpumalanga)	25	life sciences	environment and pollution	no
Die Burger	Tuesday 31 July 2007	3	no	Nasom Watts speel in Nkosi-rolprent	article	journalist	Die Burger	Danel Blaauw	South Africa (Gauteng)	63	medicine and health	Aids	yes
Die Burger	Tuesday 31 July 2007	4	no	Drie dogtertjies vir Nianell	article	journalist	Die Burger	Leon-Ben Lamprecht	South Africa (Gauteng)	37	medicine and health	other	yes
Die Burger	Tuesday 31 July 2007	4	no	Grootgolf-ryers gryp storms met albei voete aan	photograph	photographer	News agency: European Pressphoto Agency (EPA)	no name	South Africa (Western Cape)	23	earth sciences	water	no
Die Burger	Tuesday 31 July 2007	6	no	Dowry kap terug na 'aanval op hom'	article	journalist	Die Burger	Eugene Gunning	South Africa (Western Cape)	69	life sciences	agriculture	no
Die Burger	Tuesday 31 July 2007	8	no	SA toets kruie vir kure	article	journalist	Die Burger	Diana-Marié Strydom	South Africa (Western Cape)	94	medicine and health	Aids	yes
Die Burger	Tuesday 31 July 2007	10	no	Indie verskerp reddingspoging vir 6 miljoen ontheemdes	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	55	earth sciences	meteorology	no
Die Burger	Tuesday 31 July 2007	10	no	Vloede raak derduisende in Bangladesj	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	34	earth sciences	meteorology	yes
Die Burger	Tuesday 31 July 2007	14	no	Van alle kante: Paddas se snork en babers se trek	column	journalist	Die Burger	Willem Pretorius	South Africa (Western Cape)	84	life sciences	animals (wildlife)	yes
Die Burger	Tuesday 31 July 2007	Buite 1	no	Wat het van die Kaap se snoek geword?	photograph	photographer	Die Burger	Barry Lamprecht	South Africa (Western Cape)	4	life sciences	animals (marine)	no
Die Burger	Tuesday 31 July 2007	Buite 2	no	Buite: Die Afrika-avonturier	column	journalist	Die Burger	Eben Human	Africa	13	life sciences	environment and pollution	no
Die Burger	Tuesday 31 July 2007	Buite 3	no	Kaap is treurig sonder sy snoek-lekkerny	article	journalist	Die Burger	Tobie Brummer	South Africa (Western Cape)	162	life sciences	animals (marine)	yes

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Appendix D: Science coverage data for *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger	Tuesday 31 July 2007	Buite 5	no	Vra vir Ernst: Aromatiese perdepis groei maklik	column	scientist or specialist	Die Burger	Ernst van Jaarsveld	South Africa (Western Cape)	124	life sciences	plants	yes
Die Burger	Tuesday 31 July 2007	Buite 5	no	Spooktoer wag op al ons vreeslose intekenaars	article	journalist	Die Burger	no name	South Africa (Western Cape)	32	science and beliefs	pseudoscience and superstitions	no
Die Burger	Tuesday 31 July 2007	Buite 6	no	Gaan soek Namakwa-hart	article	journalist	Die Burger	Eben Human	South Africa (Northern Cape)	127	life sciences	environment and pollution	no
Die Burger	Tuesday 31 July 2007	Buite 7	no	Steenbok, Ligman lei en Gert praat mooi	article	journalist	Die Burger	Eben Human	South Africa (Northern Cape)	63	life sciences	agriculture	no
Die Burger	Tuesday 31 July 2007	Buite 7	no	Namakwaland in volle blom	column	journalist	Die Burger	Ludwig Visser	South Africa (Northern Cape)	70	life sciences	plants	yes
Die Burger	Tuesday 31 July 2007	Buite 8	no	Voelpraatjies: Langstertjie blymoedig ondanks teenslae	column	scientist or specialist	Die Burger	Prof Mome du Plessis (direkteur van die DST-sentrum vir Uitnemendheid in die Percy FitzPatrick Instituut vir Afrika-ornitologie aan die Universiteit van Kaapstad)	South Africa (Eastern Cape)	142	life sciences	animals (birds)	yes
Die Burger	Tuesday 31 July 2007	Buite 8	no	Voelliefhebbers kan nou boek deur kenner kry	article	journalist	Die Burger	no name	South Africa (general)	31	life sciences	animals (birds)	no

## **Appendix E:**

Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 2 June 2007	1	yes	Unions: strike goes on	article	journalist	Saturday Argus	no name	South Africa (Western Cape)	132	medicine and health	hospital strike	no
Saturday Argus	Saturday 2 June 2007	2	no	Dr Death free after eight years	article	journalist	News agency: Associated Press (AP)	no name	America (North)	4	medicine and health	healthcare administration (malpractice)	no
Saturday Argus	Saturday 2 June 2007	4	no	Strikers call for solidarity action	article	journalist	News agency: Sapa	no name	South Africa (Western Cape)	113	medicine and health	hospital strike	no
Saturday Argus	Saturday 2 June 2007	5	no	Groote Schuur vows to fight on	article	journalist	Saturday Argus	Di Caelers	South Africa (Western Cape)	52	medicine and health	healthcare administration (other)	no
Saturday Argus	Saturday 2 June 2007	8	no	Gifts as Russian moms deliver	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	53	medicine and health	other	no
Saturday Argus	Saturday 2 June 2007	8	no	Hospital thief ends as patient	article	journalist	News agency: Reuters	no name	Asia (Middle East and India)	29	medicine and health	other	no
Saturday Argus	Saturday 2 June 2007	8	no	Prepare in Poland	article	journalist	News agency: Sapa	no name	Europe (other)	26	medicine and health	other	no
Saturday Argus	Saturday 2 June 2007	11	no	Statistics of a business bedevilled by violence	article	journalist	Saturday Argus	Kashiefa Ajam	South Africa (general)	39	physical sciences	mathematics	yes
Saturday Argus	Saturday 2 June 2007	12	no	Reactor out for week	article	journalist	Saturday Argus	Melanie Peters and Helen Bamford	South Africa (Western Cape)	93	physical sciences	energy (nuclear)	yes
Saturday Argus	Saturday 2 June 2007	13	no	Big Brother runs into unhealthy row	article	journalist	Foreign newspaper: The Independent	Arifa Akbar and Anne-Marie Walsh	Europe (other)	141	medicine and health	other	no
Saturday Argus	Saturday 2 June 2007	14	no	Wave-battered KZN road still unrepaired	article	journalist	Saturday Argus	Fiona Gounden	South Africa (KwaZulu-Natal)	89	earth sciences	water	yes
Saturday Argus	Saturday 2 June 2007	16	no	Ill woman dies after company cuts power	article	journalist	News agency: Associated Press (AP)	no name	Australasia	56	physical sciences	energy (electricity)	yes

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 2 June 2007	20	no	If altruism is instinct, what of morality?	article	journalist	Foreign newspaper: Washington Post	Shankar Vedantam	America (North)	150	science and beliefs	science and religion	yes
Saturday Argus	Saturday 2 June 2007	22	no	Bulk up on whole grain foods for health - study	article	journalist	News agency: Reuters	no name	America (North)	68	medicine and health	nutrition	yes
Saturday Argus	Saturday 2 June 2007	22	no	Back-to-basics diet wholesome, cheap	article	journalist	Foreign newspaper: Washington Post	Tom Wolfe	America (North)	76	medicine and health	nutrition	yes
Saturday Argus	Saturday 2 June 2007	22	no	Pesticides 'increase' risk of Parkinson's	article	journalist	Foreign newspaper: Daily Mail	Fiona Macrae	Europe (UK and Ireland)	48	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 2 June 2007	23	no	Greed threatens orangutans' homes	article	journalist	News agency: Reuters	Gillian Murdoch	Asia (Far East and Russia)	221	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 2 June 2007	Classified page 1	no	Your Health: Pain of depression not 'just all in the head'	column	journalist	Saturday Argus	Di Caelers	South Africa (general)	105	medicine and health	mental health	yes
Saturday Argus	Saturday 2 June 2007	The Good Weekend page 7	no	What's Up: Blue moon shines this June	column	scientist or specialist	Saturday Argus	Case Risdijk	South Africa (Western Cape)	75	physical sciences	astronomy	yes
Saturday Argus	Saturday 2 June 2007	The Good Weekend page 12	no	GrassRoots: Chelsea's Show turns serious	column	scientist or specialist	Saturday Argus	Kay Montgomery	Europe (UK and Ireland)	152	life sciences	plants	yes

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 2 June 2007	Jellybe an Journa l page 2	no	Keep your eyes open for these feathered friends	article	journalist	Saturday Argus	Fiona Thomson	South Africa (general)	97	life sciences	animals (birds)	yes
Saturday Argus	Saturday 2 June 2007	Jellybe an Journa l page 2	no	Davy Dragon's Guide to the Night Sky	column	journalist	Saturday Argus	no name	South Africa (Western Cape)	7	physical sciences	astronomy	yes
Saturday Argus	Saturday 2 June 2007	Travel page 1	no	London to Plett, Ethiopia and East Africa	photograph	photographer	Saturday Argus	Matthew Covarr	Africa	2	life sciences	animals (wildlife)	no
Saturday Argus	Saturday 2 June 2007	Travel page 2	no	From the Editor: Feeding frenzy in central Africa	column	journalist	Saturday Argus	Jon van den Heever	Africa	45	life sciences	environment and pollution	yes
Saturday Argus	Saturday 2 June 2007	Travel page 2	no	Footloose: Impose litter tax on everyone	column	journalist	Saturday Argus	Evelyn Holtzhausen	South Africa (Western Cape)	88	life sciences	environment and pollution	yes
Saturday Argus	Saturday 2 June 2007	Travel page 3 and 4	no	Tackling Ethiopia, Uganda and E Africa	article	journalist	Saturday Argus	Matthew Covarr	Africa	233	life sciences	environment and pollution	yes
Saturday Argus	Saturday 2 June 2007	Travel page 5 and 6	no	Time out on the whitest sand in the world	article	journalist	Saturday Argus	Lisa Wolff	Australasia	177	life sciences	environment and pollution	yes
Saturday Argus	Saturday 2 June 2007	Travel page 7	no	Discovering the wildest coast	article	journalist	Saturday Argus	Brenda Walters	South Africa (Eastern Cape)	165	life sciences	environment and pollution	yes
Saturday Argus	Saturday 9 June 2007	1	no	Strikers trash operating theatres at Tygerberg	article	journalist	Saturday Argus	Bronwynne Esbach	South Africa (Western Cape)	88	medicine and health	hospital strike	no

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 9 June 2007	2	no	Mama Taxi: They're taking it all off to protest about pollution from too many cars	cartoon	cartoonist	Saturday Argus	Deni Brown and Gavin Thomson	South Africa (Western Cape)	none	life sciences	environment and pollution	no
Saturday Argus	Saturday 9 June 2007	3	no	Babies to be monitored after TB scare	article	journalist	Saturday Argus	Clayton Barnes	South Africa (Western Cape)	82	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 9 June 2007	4	no	Strike affects poorest health centres hardest	article	journalist	Saturday Argus	Bronwynne Esbach	South Africa (Western Cape)	151	medicine and health	hospital strike	yes
Saturday Argus	Saturday 9 June 2007	5	no	Manto 'bans' deputy from Aids conference	article	journalist	Saturday Argus	Di Caelers	South Africa (KwaZulu-Natal)	88	medicine and health	Aids	no
Saturday Argus	Saturday 9 June 2007	6	no	Farms and towns cut off by deluge	article	journalist	Saturday Argus	Helen Bamford	South Africa (Western Cape)	64	earth sciences	meteorology	yes
Saturday Argus	Saturday 9 June 2007	7	no	Orange harvest destroyed by floodwaters	article	journalist	Saturday Argus	Helen Bamford	South Africa (Western Cape)	55	life sciences	agriculture	yes
Saturday Argus	Saturday 9 June 2007	8	no	Brits worry away at life	article	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	49	medicine and health	mental health	no
Saturday Argus	Saturday 9 June 2007	8	no	Red top stopped	article	journalist	News agency: Sapa	no name	Europe (other)	23	life sciences	environment and pollution	no
Saturday Argus	Saturday 9 June 2007	9	no	Tee off on a toad - council	article	journalist	News agency: unnamed	no name	Australasia	56	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 9 June 2007	9	no	Oz moms cash in on babies	article	journalist	News agency: Sapa	no name	Australasia	27	medicine and health	other	no
Saturday Argus	Saturday 9 June 2007	9	no	Calling the cats	article	journalist	News agency: Reuters	no name	Asia (Middle East and India)	19	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 9 June 2007	11	no	Sam's legless behind the wheel... and loving it	article	journalist	Saturday Argus	Melanie Peters	South Africa (Western Cape)	53	technology	other	yes
Saturday Argus	Saturday 9 June 2007	12	no	Van Schalkwyk hails G8 climate change deal	article	journalist	Saturday Argus	John Yeld	South Africa (Western Cape)	163	earth sciences	climate change	yes

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

News paper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	News paper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 9 June 2007	12	no	Consumers bear brunt while waiting for nuclear plants	article	journalist	Saturday Argus	Michael Schmidt	South Africa (general)	40	physical sciences	energy (electricity)	yes
Saturday Argus	Saturday 9 June 2007	13	no	Smoking could be deadlier than Aids by 2015	article	journalist	Saturday Argus	Melanie Peters	South Africa (general)	103	medicine and health	smoking	yes
Saturday Argus	Saturday 9 June 2007	13	no	Mineworker is injured	article	journalist	News agency: Sapa	no name	South Africa (North West)	8	earth sciences	geology	no
Saturday Argus	Saturday 9 June 2007	16	no	\$60bn pledge by G8 for Africa 'too little, too late'	article	journalist	News agency: Agence France-Presse (AFP)	no name	Europe (other)	45	medicine and health	Aids	no
Saturday Argus	Saturday 9 June 2007	16	no	Tiger numbers drop	article	journalist	News agency: unnamed	no name	Asia (Far East and Russia)	11	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 9 June 2007	18	no	Yes, yes, yes... this diet won't make you sexy	article	journalist	News agency: unnamed	Kathy Lette (author)	Europe (UK and Ireland)	196	medicine and health	nutrition	yes
Saturday Argus	Saturday 9 June 2007	19	no	R100 000, an hour of surgery, and Joyce has her smile back	article	journalist	Saturday Argus	Babington Maravanyika	South Africa (KwaZulu-Natal)	110	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 9 June 2007	19	no	Hangover quick fixes that beat hair of the dog	article	journalist	Foreign newspaper: The Independent	no name	Europe (UK and Ireland)	124	medicine and health	nutrition	yes
Saturday Argus	Saturday 9 June 2007	19	no	Nintendo gaming 'wand' gives name to new medical ailment	article	journalist	News agency: Sapa	no name	Europe (other)	18	medicine and health	diseases and treatment	no
Saturday Argus	Saturday 9 June 2007	21	no	Hydrogen, fuel cells edge in on petrol-driven cars	article	journalist	Foreign newspaper: Washington Post	Warren Brown	America (North)	163	physical sciences	energy (renewable)	yes
Saturday Argus	Saturday 9 June 2007	21	no	Scott's Antarctic base endangered	article	journalist	News agency: Sapa	no name	Polar Regions	10	earth sciences	climate change	yes
Saturday Argus	Saturday 9 June 2007	22	no	Protected strike	cartoon	cartoonist	Saturday Argus	Brandon	South Africa (general)	none	medicine and health	hospital strike	no
Saturday Argus	Saturday 9 June 2007	22	no	WWF welcomes Van Schalkwyk's 'green budget'	letter	scientist or specialist	n/a	Sue Taylor, Worldwide Fund for Nature - SA	South Africa (general)	47	life sciences	environment and pollution	yes

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

News paper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	News paper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 9 June 2007	22	no	Let's stop this botanic ethnic cleansing	letter	public	n/a	Liz Linsell, Cape Town	South Africa (Western Cape)	65	life sciences	plants	yes
Saturday Argus	Saturday 9 June 2007	22	no	Cruel killing of Borneo orangutans is horrifying	letter	public	n/a	Anthony G Wier, Bergvliet	Asia (Far East and Russia)	19	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 9 June 2007	23	no	Jaundiced Eye: Some brains should not be let loose on the great wide world	column	journalist	Saturday Argus	William Saunderson-Meyer	South Africa (general)	91	life sciences	environment and pollution	yes
Saturday Argus	Saturday 9 June 2007	The Good Week nd page 10	no	GrassRoots: Orchids for Africa	column	scientist or specialist	Saturday Argus	Kay Montgomery	South Africa (Western Cape)	171	life sciences	plants	yes
Saturday Argus	Saturday 9 June 2007	Jellybe an Journal page 1	no	Rachelle's gift to cart horses	article	journalist	Saturday Argus	Nathalie Rosa Bucher	South Africa (Western Cape)	115	life sciences	animals (farm)	yes
Saturday Argus	Saturday 9 June 2007	Jellybe an Journal page 2	no	A little something for everyone	article	journalist	Saturday Argus	no name	South Africa (general)	95	life sciences	animals (wildlife)	no
Saturday Argus	Saturday 9 June 2007	Jellybe an Journal page 3	no	Davey Dragon's Guide to the Night Sky: Iziko offers dino and dragon fun	column	journalist	Saturday Argus	no name	South Africa (Western Cape)	53	physical sciences	astronomy	yes
Saturday Argus	Saturday 9 June 2007	Travel page 1	no	Cruising Europe: Self-drive on the rivers	photograph	photographer	Saturday Argus	no name	Europe (other)	2	earth sciences	water	no

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 9 June 2007	Travel page 2	no	From the Editor: Dramatic weather and other delights	column	journalist	Saturday Argus	Jon van den Heever	South Africa (Western Cape)	62	life sciences	environment and pollution	yes
Saturday Argus	Saturday 9 June 2007	Travel page 7 and 8	no	The mother of all rivers	article	journalist	Saturday Argus	David Butcher	America (Central and South)	192	earth sciences	water	yes
Saturday Argus	Saturday 9 June 2007	Travel page 11 and 12	no	Embracing the unpredictable	article	journalist	Saturday Argus	Karen Watkins	Asia (Middle East and India)	223	earth sciences	palaeontology and archaeology	yes
Saturday Argus	Saturday 16 June 2007	6	no	TAC backs clinic staff in fight to keep jobs	article	journalist	Saturday Argus	Di Caelers	South Africa (Western Cape)	55	medicine and health	hospital strike	yes
Saturday Argus	Saturday 16 June 2007	8	no	Report on illegal road out soon	article	journalist	Saturday Argus	Bronwynne Esbach	South Africa (Western Cape)	54	life sciences	environment and pollution	yes
Saturday Argus	Saturday 16 June 2007	8	no	Robot MC for Korean wedding	article	journalist	News agency: Agence France-Presse (AFP)	no name	Asia (Far East and Russia)	41	technology	other	no
Saturday Argus	Saturday 16 June 2007	9	no	A giant is born	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	20	medicine and health	other	yes
Saturday Argus	Saturday 16 June 2007	12	no	Bears on track	article	journalist	News agency: Sapa	no name	America (North)	23	life sciences	animals (wildlife)	no
Saturday Argus	Saturday 16 June 2007	13	no	Monkey business for 'mum of baby chimp	article	journalist	Saturday Argus	Sheree Bega	South Africa (Gauteng)	114	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 16 June 2007	13	no	Eskom eyes pristine site for new Koeberg	article	journalist	Saturday Argus	Melanie Peters	South Africa (Western Cape)	203	physical sciences	energy (nuclear)	yes
Saturday Argus	Saturday 16 June 2007	15	no	Gruelling business of going green	article	journalist	Saturday Argus	Christina Gallagher	South Africa (Gauteng)	118	life sciences	environment and pollution	yes
Saturday Argus	Saturday 16 June 2007	15	no	Bulgaria's last three dancing bears freed	article	journalist	News agency: unnamed	no name	Europe (other)	15	life sciences	animals (wildlife)	no
Saturday Argus	Saturday 16 June 2007	17	no	Longest overland tunnel opens	article	journalist	News agency: unnamed	no name	Europe (other)	13	technology	other	no

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 16 June 2007	17	no	Magnificent, misunderstood elephants (with seven photographs)	article	journalist	Saturday Argus	Bronwynne Esbach	Africa	185	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 16 June 2007	19	no	Global positioning pinpoints cancer	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	84	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 16 June 2007	19	no	Psychiatrist puts his shirt on the hi-tech vest that can diagnose bipolar disorder	article	journalist	Foreign newspaper: Daily Mail	Pat Hagan	America (North)	94	medicine and health	mental health	yes
Saturday Argus	Saturday 16 June 2007	19	no	Flop your way to fitness with latest footwear	article	journalist	Foreign newspaper: Daily Mail	Neil Sears	Europe (UK and Ireland)	40	medicine and health	other	yes
Saturday Argus	Saturday 16 June 2007	19	no	Daily dose of cod liver oil keeps the blues away	article	journalist	Foreign newspaper: Daily Mail	Fiona Macrae	Europe (other)	37	medicine and health	mental health	yes
Saturday Argus	Saturday 16 June 2007	19	no	Sex crisis for the British	article	journalist	News agency: Sapa	no name	Europe (UK and Ireland)	9	medicine and health	diseases and treatment	no
Saturday Argus	Saturday 16 June 2007	22	no	Table Mountain should be managed by the city	letter	public	n/a	Magic Bullet, Claremont	South Africa (Western Cape)	35	life sciences	environment and pollution	yes
Saturday Argus	Saturday 16 June 2007	The Good Week and page 9	no	Here comes hell on earth.com	article	journalist	Saturday Argus	An Wilson	South Africa (general)	220	technology	internet and email	no
Saturday Argus	Saturday 16 June 2007	The Good Week and page 9	no	It's seconds of fame for twitters	article	journalist	News agency: Sapa	no name	America (North)	48	technology	internet and email	yes

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 16 June 2007	The Good Week end page 14	no	GrassRoots: Have fun gardening with kids	column	scientist or specialist	Saturday Argus	Kay Montgomery	South Africa (Western Cape)	147	life sciences	plants	yes
Saturday Argus	Saturday 16 June 2007	Jellybean Journal page 1	no	Creating snacks to solving crimes	article	journalist	Saturday Argus	no name	South Africa (general)	131	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 16 June 2007	Jellybean Journal page 2	no	Davy Dragon's Guide to the Night Sky	column	journalist	Saturday Argus	no name	South Africa (Western Cape)	7	physical sciences	astronomy	yes
Saturday Argus	Saturday 16 June 2007	Jellybean Journal page 3	no	We need a home	photograph	photographer	Saturday Argus	no name	South Africa (Western Cape)	7	life sciences	animals (pets)	no
Saturday Argus	Saturday 16 June 2007	Travel page 1	no	Tasmania: River magic	photograph	photographer	Saturday Argus	no name	Australasia	2	earth sciences	water	no
Saturday Argus	Saturday 16 June 2007	Travel page 2	no	From the Editor: A green victory and on-line videos	column	journalist	Saturday Argus	Jon van den Heever	Australasia	49	life sciences	environment and pollution	yes
Saturday Argus	Saturday 16 June 2007	Travel page 3 and 4	no	The last wild river in Australia	article	journalist	Saturday Argus	John Hagan	Australasia	175	earth sciences	water	yes

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 16 June 2007	Travel page 3 and 4	no	Climate change boosts English wine in Surrey	article	journalist	Saturday Argus	no name	Europe (UK and Ireland)	26	earth sciences	climate change	yes
Saturday Argus	Saturday 16 June 2007	Travel page 5	no	Slideshows for the information age	article	journalist	Saturday Argus	Robin Esrock	South Africa (general)	103	technology	internet and email	yes
Saturday Argus	Saturday 16 June 2007	Travel page 6 and 7	no	Making the most of Zanzibar	article	journalist	Saturday Argus	Leon Marais	Africa	99	life sciences	animals (wildlife)	no
Saturday Argus	Saturday 23 June 2007	2	no	Mama Taxi: More power cuts this winter	cartoon	cartoonist	Saturday Argus	Deni Brown and Gavin Thomson	South Africa (general)	none	physical sciences	energy (electricity)	no
Saturday Argus	Saturday 23 June 2007	4	no	Judgment reserved in TAC's strike case	article	journalist	News agency: Sapa	no name	South Africa (Western Cape)	55	medicine and health	hospital strike	no
Saturday Argus	Saturday 23 June 2007	4	no	It's my way or the highway, warns minister	article	journalist	Saturday Argus	Michael Schmidt, Bonile Ngqiyaza and Xolani Mbanjwa	South Africa (general)	125	medicine and health	hospital strike	no
Saturday Argus	Saturday 23 June 2007	4	no	Abortion ruling up to courts	article	journalist	Saturday Argus	Noor-Jehan Yoro Badat	South Africa (Gauteng)	42	medicine and health	healthcare administration (other)	no
Saturday Argus	Saturday 23 June 2007	4	no	Manto cracks the whip at nursing body	article	journalist	Saturday Argus	no name	South Africa (general)	10	medicine and health	healthcare administration (other)	no
Saturday Argus	Saturday 23 June 2007	5	no	Farmer gored by 'jealous' eland	article	journalist	Saturday Argus	no name	South Africa (Gauteng)	53	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 23 June 2007	9	no	Desalinated water pricier but better	article	journalist	News agency: Sapa	no name	South Africa (general)	33	earth sciences	water	yes
Saturday Argus	Saturday 23 June 2007	10	no	IQ goes up if you're top dog	article	journalist	News agency: Associated Press (AP)	no name	Europe (other)	51	medicine and health	mental health	yes
Saturday Argus	Saturday 23 June 2007	10	no	Blackberry paranoia sparks ban	article	journalist	Foreign newspaper: The Daily Telegraph	no name	Europe (other)	37	technology	telecommunication	yes

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 23 June 2007	11	no	Games drive kids mad	article	journalist	News agency: Associated Press (AP)	no name	America (North)	57	medicine and health	mental health	yes
Saturday Argus	Saturday 23 June 2007	11	no	Disability grant for metal fan	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (other)	30	medicine and health	mental health	no
Saturday Argus	Saturday 23 June 2007	12	no	Red wrigglers make war on waste	article	journalist	Saturday Argus	Helen Bamford	South Africa (Western Cape)	99	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 23 June 2007	15	no	Unkindest cut: boys rescued in Transkei	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	50	medicine and health	healthcare administration (malpractice)	yes
Saturday Argus	Saturday 23 June 2007	17	no	Firefighters 'would have failed drug test'	article	journalist	News agency: Sapa	no name	America (North)	18	physical sciences	chemistry	no
Saturday Argus	Saturday 23 June 2007	22	no	Bumblebees buzz over purple	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	11	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 23 June 2007	23	no	Cure for Alzheimer's is on the horizon	article	journalist	Foreign newspaper: The Independent	no name	Europe (UK and Ireland)	161	medicine and health	mental health	yes
Saturday Argus	Saturday 23 June 2007	23	no	Spoonful of cinnamon helps the blood sugar stay down	article	journalist	News agency: Reuters	no name	Europe (other)	54	medicine and health	nutrition	yes
Saturday Argus	Saturday 23 June 2007	23	no	Skip the pureed food, says expert	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	50	medicine and health	nutrition	yes
Saturday Argus	Saturday 23 June 2007	26	no	Info on nuclear plant could ease Pearly Beach worries	letter	public	n/a	R Mike Longden-Thurgood, Milnerton	South Africa (Western Cape)	108	physical sciences	energy (nuclear)	yes
Saturday Argus	Saturday 23 June 2007	29	no	I saw the pain, anger and fear in their eyes'	article	journalist	Saturday Argus	Michael Schmidt	South Africa (Gauteng)	62	medicine and health	Aids	yes
Saturday Argus	Saturday 23 June 2007	29	no	How do you tell your children Aids will take you from them?	article	journalist	Saturday Argus	Michael Schmidt	South Africa (Gauteng)	138	medicine and health	Aids	yes

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 23 June 2007	The Good Week end page 10	no	GrassRoots: Eye-catching lilium	column	scientist or specialist	Saturday Argus	Kay Montgomery	South Africa (Western Cape)	143	life sciences	plants	yes
Saturday Argus	Saturday 23 June 2007	Jellybe an Journal page 2	no	Give me a home	article	journalist	Saturday Argus	no name	South Africa (Western Cape)	10	life sciences	animals (pets)	no
Saturday Argus	Saturday 23 June 2007	Jellybe an Journal page 2	no	Davy Dragon's Guide to the Night Sky	column	journalist	Saturday Argus	no name	South Africa (Western Cape)	7	physical sciences	astronomy	yes
Saturday Argus	Saturday 23 June 2007	Travel page 1	no	Madikwe wildlife paradise	photograph	photographer	Saturday Argus	no name	South Africa (North West)	2	life sciences	animals (wildlife)	no
Saturday Argus	Saturday 23 June 2007	Travel page 2	no	From the Editor: From the southern tip to the northern border	column	journalist	Saturday Argus	Jon van den Heever	South Africa (general)	32	life sciences	environment and pollution	no
Saturday Argus	Saturday 23 June 2007	Travel page 2	no	L'Aguilhas: South Coast haven	article	journalist	Saturday Argus	Richard Hamburger	South Africa (Western Cape)	72	earth sciences	water	yes
Saturday Argus	Saturday 23 June 2007	Travel page 3 and 4	no	A city that is easy to love	article	journalist	Saturday Argus	Corrie Bridgman	America (North)	216	life sciences	plants	yes
Saturday Argus	Saturday 23 June 2007	Travel page 5	no	Game viewing in one of SA's largest reserves	article	journalist	Saturday Argus	Jacqui Gilchrist	South Africa (North West)	120	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 23 June 2007	Travel page 6	no	Editor's Choice: Family breaks in the Cedarberg	article	journalist	Saturday Argus	no name	South Africa (Western Cape)	130	life sciences	environment and pollution	no

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 30 June 2007	3	no	Petrol station leak cuts off 1000s of phones	article	journalist	Saturday Argus	Clayton Barnes	South Africa (Western Cape)	93	life sciences	environment and pollution	no
Saturday Argus	Saturday 30 June 2007	5	no	Police seize Mandrax-making equipment and chemicals	article	journalist	Saturday Argus	Bronwynne Esbach	South Africa (Gauteng)	58	physical sciences	chemistry	no
Saturday Argus	Saturday 30 June 2007	6	no	Easy does it	photograph	photographer	Saturday Argus	no name	South Africa (Western Cape)	4	life sciences	plants	no
Saturday Argus	Saturday 30 June 2007	6	no	City sitting on report about illegal road	article	journalist	Saturday Argus	Bronwynne Esbach	South Africa (Western Cape)	29	life sciences	environment and pollution	no
Saturday Argus	Saturday 30 June 2007	6	no	Prepare for more blackouts	article	journalist	News agency: Sapa	no name	South Africa (general)	13	physical sciences	energy (electricity)	yes
Saturday Argus	Saturday 30 June 2007	7	no	Good breeding	photograph	photographer	Saturday Argus	Justin Pharo	South Africa (Western Cape)	3	life sciences	animals (marine)	yes
Saturday Argus	Saturday 30 June 2007	7	no	Namibia sanctions massive seal cull to 'protect fish industry'	article	journalist	News agency: Sapa	no name	Africa	75	life sciences	animals (marine)	yes
Saturday Argus	Saturday 30 June 2007	10	no	Sheep to 'cut' council lawns	article	journalist	News agency: Ananova.com	no name	Europe (UK and Ireland)	45	life sciences	animals (farm)	yes
Saturday Argus	Saturday 30 June 2007	11	no	Cats chose home, not people	article	journalist	Foreign newspaper: Washington Post	no name	Asia (Middle East and India)	94	life sciences	genetics	yes
Saturday Argus	Saturday 30 June 2007	11	no	Criminal's dog left to face cops	article	journalist	News agency: Reuters	no name	Asia (Middle East and India)	24	life sciences	animals (pets)	no
Saturday Argus	Saturday 30 June 2007	12	no	Measuring gold price in lives	article	journalist	Saturday Argus	Thembisile Makgalamele	South Africa (general)	109	earth sciences	geology	yes
Saturday Argus	Saturday 30 June 2007	14	no	Angel of Death' gets life for five murders	article	journalist	News agency: Reuters	no name	Europe (other)	12	medicine and health	healthcare administration (malpractice)	yes
Saturday Argus	Saturday 30 June 2007	15	no	Morning sickness may cut chances of breast cancer	article	journalist	Foreign newspaper: Daily Mail	Fiona Macrae	America (North)	74	medicine and health	diseases and treatment	yes

Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 30 June 2007	15	no	Men can feel pain of being pregnant	article	journalist	Foreign newspaper: Daily Mail	Paul Sims	Europe (UK and Ireland)	83	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 30 June 2007	15	no	Doctors will soon have you tagged	article	journalist	News agency: Sapa	no name	America (North)	85	medicine and health	other	yes
Saturday Argus	Saturday 30 June 2007	15	no	Truth and the man who says he's lived without food for six-and-a-half years	article	journalist	Foreign newspaper: Daily Mail	Jane Fryer	Europe (other)	253	science and beliefs	pseudoscience and superstitions	yes
Saturday Argus	Saturday 30 June 2007	22	no	Charles shows off his small carbon footprint	article	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	30	earth sciences	climate change	yes
Saturday Argus	Saturday 30 June 2007	22	no	Life on the ocean wave can also be icy	article	journalist	Saturday Argus	Bronwynne Esbach	Polar Regions	180	earth sciences	water	yes
Saturday Argus	Saturday 30 June 2007	23	no	Hunt for great ghosts of the forest	article	journalist	Saturday Argus	Sheree Bega	South Africa (Western Cape)	261	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 30 June 2007	26	no	Where two oceans meet, or not	letter	public	n/a	Alan Campbell, Gardens	South Africa (Western Cape)	27	earth sciences	water	yes
Saturday Argus	Saturday 30 June 2007	27	no	Jaundiced Eye: Nursing council should come to the party and be accountable	column	journalist	Saturday Argus	William Saunderson-Meyer	South Africa (general)	131	medicine and health	healthcare administration (other)	no
Saturday Argus	Saturday 30 June 2007	Classified page 1	no	Your Health: Silent killer that strikes airline passengers	column	journalist	Saturday Argus	Di Caelers	South Africa (general)	105	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 30 June 2007	The Good Weekend page 8	no	GrassRoots: Discover the magic of fynbos	column	scientist or specialist	Saturday Argus	Kay Montgomery	South Africa (Western Cape)	173	life sciences	plants	yes

Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 30 June 2007	The Good Week end page 12	no	What's Up: Andromeda galaxy a reminder of our night sky beauty	column	scientist or specialist	Saturday Argus	Case Risdijk	South Africa (Western Cape)	100	physical sciences	astronomy	yes
Saturday Argus	Saturday 30 June 2007	Jellybean Journal page 1	no	Gorillas ape humans with manners	article	journalist	Foreign newspaper: Daily Mail	David Derbyshire	Africa	86	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 30 June 2007	Jellybean Journal page 2	no	ScienCentre lines up tons of techno treats	article	journalist	Saturday Argus	no name	South Africa (Western Cape)	60	technology	other	no
Saturday Argus	Saturday 30 June 2007	Jellybean Journal page 3	no	Tour SA Agulhas at Waterfront	article	journalist	Saturday Argus	no name	Polar Regions	39	earth sciences	water	yes
Saturday Argus	Saturday 30 June 2007	Jellybean Journal page 4	no	Davy Dragon's Guide to the Night Sky	column	journalist	Saturday Argus	no name	South Africa (Western Cape)	7	physical sciences	astronomy	yes
Saturday Argus	Saturday 30 June 2007	Travel page 1	no	Huayhuash: Condor Kingdom	photograph	photographer	Saturday Argus	David Butcher	America (Central and South)	2	earth sciences	geology	no
Saturday Argus	Saturday 30 June 2007	Travel page 2	no	From the Editor: Condors in Peru, salmon in Scotland and flashpackers in SA	column	journalist	Saturday Argus	Jon van den Heever	America (Central and South)	36	life sciences	environment and pollution	yes

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 30 June 2007	Travel page 3 and 4	no	On the trail of the elusive condor	article	journalist	Saturday Argus	David Butcher	America (Central and South)	142	life sciences	animals (birds)	yes
Saturday Argus	Saturday 30 June 2007	Travel page 4	no	Smallest railway turns 80 in Kent	article	journalist	Saturday Argus	no name	Europe (UK and Ireland)	48	life sciences	environment and pollution	yes
Saturday Argus	Saturday 30 June 2007	Travel page 5 and 6	no	Scotland's salmon season	article	journalist	Saturday Argus	Alan Galante	Europe (UK and Ireland)	186	life sciences	animals (marine)	no
Saturday Argus	Saturday 30 June 2007	Travel page 7	no	Taking advantage of South Africa's 'new gold'	article	journalist	Saturday Argus	Karen Watkins	South Africa (general)	102	life sciences	environment and pollution	no
Saturday Argus	Saturday 7 July 2007	1 and 3	no	Perlemoen swapped for tik chemicals by Triads	article	journalist	Saturday Argus	Lynnette Johns	South Africa (Western Cape)	162	physical sciences	chemistry	yes
Saturday Argus	Saturday 7 July 2007	4	no	Cuban-trained doctors graduate	article	journalist	News agency: Sapa	no name	South Africa (Gauteng)	13	medicine and health	healthcare administration (other)	no
Saturday Argus	Saturday 7 July 2007	4	no	Joe Slovo pupils get to grips with science	article	journalist	Saturday Argus	Bronwynne Esbach	South Africa (Western Cape)	102	physical sciences	chemistry	yes
Saturday Argus	Saturday 7 July 2007	5	no	Amputation set for 4-legged newborn	article	journalist	News agency: Agence France-Presse (AFP)	no name	South Africa (Limpopo)	12	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 7 July 2007	6	no	11 in hospital after anthrax parcel scare	article	journalist	News agency: Sapa	no name	South Africa (Gauteng)	22	medicine and health	other	yes
Saturday Argus	Saturday 7 July 2007	7	no	Unwise to deny kids condoms	article	journalist	News agency: Sapa	no name	South Africa (general)	37	medicine and health	other	no
Saturday Argus	Saturday 7 July 2007	8	no	SANParks not hit by strike	article	journalist	News agency: Sapa	no name	South Africa (general)	45	life sciences	environment and pollution	no
Saturday Argus	Saturday 7 July 2007	10	no	Boeing shows off its green jet	article	journalist	News agency: Agence France-Presse (AFP)	no name	America (North)	72	life sciences	environment and pollution	yes

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News paper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	News paper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 7 July 2007	10	no	Greenland was not always icy	article	journalist	News agency: Associated Press (AP)	no name	Polar Regions	46	earth sciences	palaeontology and archaeology	yes
Saturday Argus	Saturday 7 July 2007	11	no	Postman's special delivery	article	journalist	News agency: Sapa	no name	Europe (UK and Ireland)	36	medicine and health	other	no
Saturday Argus	Saturday 7 July 2007	11	no	Testers up for it	article	journalist	News agency: Associated Press (AP)	no name	Australasia	20	medicine and health	other	no
Saturday Argus	Saturday 7 July 2007	13	no	How SA's disabled women battle for their social grants	article	journalist	News agency: West Cape News	Peter Luhanga and Sandiso Phaliso	South Africa (Western Cape)	118	medicine and health	other	no
Saturday Argus	Saturday 7 July 2007	15	no	SA joins the drive to keep our Earth alive	article	journalist	Saturday Argus	Theresa Smith	South Africa (Gauteng)	102	earth sciences	climate change	yes
Saturday Argus	Saturday 7 July 2007	15	no	Some countries won't be coming to the party	article	journalist	Saturday Argus	Theresa Smith	America (Central and South)	52	earth sciences	climate change	no
Saturday Argus	Saturday 7 July 2007	17	no	A freezing challenge	article	journalist	Saturday Argus	Sheree Bega	Polar Regions	115	earth sciences	climate change	yes
Saturday Argus	Saturday 7 July 2007	18	no	Whisperer hoofs it to help in today's July	article	journalist	Saturday Argus	Kylie Walker	South Africa (Western Cape)	173	science and beliefs	pseudoscience and superstitions	yes
Saturday Argus	Saturday 7 July 2007	21	no	Where angels fear to tread	article	journalist	Saturday Argus	Fiona Forde	South Africa (Gauteng)	329	medicine and health	healthcare administration (other)	yes
Saturday Argus	Saturday 7 July 2007	23	no	Modern song sets sparrows chirping	article	journalist	Foreign newspaper: Daily Mail	Luke Salkeld	Europe (UK and Ireland)	33	life sciences	animals (birds)	yes
Saturday Argus	Saturday 7 July 2007	23	no	Hope for habitual snorers with 15-minute tongue-tying technique	article	journalist	Foreign newspaper: Daily Mail	Roger Dobson	Europe (other)	89	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 7 July 2007	23	no	Keeping the brain awake with a yawn	article	journalist	Foreign newspaper: Daily Mail	Gwyneth Rees	America (North)	78	medicine and health	other	yes
Saturday Argus	Saturday 7 July 2007	23	no	Busy women get less sleep	article	journalist	Foreign newspaper: Daily Mail	Duncan Robertson	Europe (UK and Ireland)	54	medicine and health	other	yes

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News paper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	News paper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 7 July 2007	25	no	Unlocking the sun's powerful secrets	article	journalist	Foreign newspaper: Washington Post	Michael Ruane	America (North)	267	physical sciences	astronomy	yes
Saturday Argus	Saturday 7 July 2007	25	no	GM installs sixth sense in vehicles	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	83	technology	other	yes
Saturday Argus	Saturday 7 July 2007	25	no	Nasa's bid to go out in space and back in time	article	journalist	News agency: Associated Press (AP)	no name	America (North)	81	physical sciences	astronomy	yes
Saturday Argus	Saturday 7 July 2007	25	no	What would repercussions be if mankind were to disappear?	article	journalist	Foreign newspaper: Washington Post	no name	America (North)	45	life sciences	environment and pollution	yes
Saturday Argus	Saturday 7 July 2007	25	no	Big Bounce' made our planet	article	journalist	Foreign newspaper: Daily Mail	no name	America (North)	45	physical sciences	astronomy	yes
Saturday Argus	Saturday 7 July 2007	27	no	Jaundiced Eye: Elephant is a delicacy in Zimbabwe's wildlife-depleted parks	column	journalist	Saturday Argus	William Saunderson-Meyer	Africa	133	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 7 July 2007	Classified page 1	no	Your Health: Fruit and veggies keep kids' illnesses away	column	journalist	Saturday Argus	Di Caelsers	South Africa (general)	110	medicine and health	nutrition	yes
Saturday Argus	Saturday 7 July 2007	The Good Weekend page 10	no	GrassRoots: Cultivating the young	column	scientist or specialist	Saturday Argus	Kay Montgomery	South Africa (Western Cape)	138	life sciences	plants	yes
Saturday Argus	Saturday 7 July 2007	Jellybe an Journal page 1	no	Cat escapes shocking experience	article	journalist	Saturday Argus	no name	South Africa (Western Cape)	107	life sciences	animals (pets)	yes

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 7 July 2007	Jellybe an Journal page 1	no	Care for your pets this winter by looking out for their wellbeing	article	journalist	Saturday Argus	no name	South Africa (Western Cape)	54	life sciences	animals (pets)	yes
Saturday Argus	Saturday 7 July 2007	Travel page 1	no	London to Platt: The last magnificent leg	photograph	photographer	Saturday Argus	no name	Africa	2	life sciences	environment and pollution	no
Saturday Argus	Saturday 7 July 2007	Travel page 2	no	From the Editor: Southern Africa to British Columbia	column	journalist	Saturday Argus	Jon van den Heever	Africa	35	life sciences	animals (wildlife)	no
Saturday Argus	Saturday 7 July 2007	Travel page 2	no	Footloose: Discovering the joys of hiking in the rain	column	journalist	Saturday Argus	Evelyn Holtzhausen	South Africa (Western Cape)	77	life sciences	environment and pollution	yes
Saturday Argus	Saturday 7 July 2007	Travel page 3 and 4	no	End of the road in southern Africa	article	journalist	Saturday Argus	Matthew Covarr	Africa	233	life sciences	environment and pollution	yes
Saturday Argus	Saturday 7 July 2007	Travel page 5 and 6	no	A wild miracle called Shamwari	article	journalist	Saturday Argus	Jon van den Heever	South Africa (Eastern Cape)	202	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 7 July 2007	Travel page 7	no	Winter in British Columbia	article	journalist	Saturday Argus	Lauren Kramer	America (North)	101	life sciences	animals (pets)	no
Saturday Argus	Saturday 14 July 2007	1	no	23% pay rise for nurses unveiled	article	journalist	Saturday Argus	Mashudu Mukomafhedzi and Xolani Mbanjwa	South Africa (general)	111	medicine and health	hospital strike	no
Saturday Argus	Saturday 14 July 2007	3	no	Seriously ill sailor safely ashore	article	journalist	Saturday Argus	Leila Samodien	South Africa (Western Cape)	21	medicine and health	diseases and treatment	no
Saturday Argus	Saturday 14 July 2007	3	no	Jaunt to London can trigger schizophrenia, study shows	article	journalist	Saturday Argus	Michael Schmidt	South Africa (general)	126	medicine and health	diseases and treatment	yes

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 14 July 2007	4	no	Concern over toxic effect of imports from China	article	journalist	Saturday Argus	Lynnette Johns	Asia (Far East and Russia)	138	medicine and health	food and product safety	yes
Saturday Argus	Saturday 14 July 2007	6	no	Tourist hospitalised with suspected typhoid	article	journalist	Saturday Argus	Barry Bateman	South Africa (Limpopo)	63	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 14 July 2007	10	no	Elephants take to road	article	journalist	Sapa	no name	America (North)	23	life sciences	animals (wildlife)	no
Saturday Argus	Saturday 14 July 2007	11	no	Speedy cellular system on way	article	journalist	Sapa	no name	Asia (Far East and Russia)	55	technology	telecommunication	yes
Saturday Argus	Saturday 14 July 2007	11	no	Cheaper solar cell on cards	article	journalist	Sapa	no name	Asia (Far East and Russia)	30	physical sciences	energy (renewable)	yes
Saturday Argus	Saturday 14 July 2007	12	no	City officials implicated in building of illegal road	article	journalist	Saturday Argus	Bronwynne Esbach	South Africa (Western Cape)	43	life sciences	environment and pollution	yes
Saturday Argus	Saturday 14 July 2007	15	no	Contaminated bushmeat chopped up, sold as beef	article	journalist	Sapa	no name	Africa	187	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 14 July 2007	16	no	China calls for co-operation on product safety	article	journalist	Associated Press (AP)	Scott McDonald	Asia (Far East and Russia)	155	medicine and health	food and product safety	yes
Saturday Argus	Saturday 14 July 2007	16	no	Poor regulatory system under fire	article	journalist	Reuters	Kirby Chien	Asia (Far East and Russia)	157	medicine and health	food and product safety	yes
Saturday Argus	Saturday 14 July 2007	16	no	Tracking safety scares and their fallout in the past year	article	journalist	Reuters	no name	Asia (Far East and Russia)	75	medicine and health	food and product safety	yes
Saturday Argus	Saturday 14 July 2007	16	no	Takeaway food with real fibre	article	journalist	Sapa	no name	Asia (Far East and Russia)	36	medicine and health	food and product safety	yes
Saturday Argus	Saturday 14 July 2007	19	no	Get tested, Malawi urges	article	journalist	Sapa	no name	Africa	49	medicine and health	Aids	yes
Saturday Argus	Saturday 14 July 2007	19	no	Abortion register	article	journalist	Sapa	no name	Asia (Middle East and India)	26	medicine and health	other	yes

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

News paper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	News paper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 14 July 2007	24	no	Who cares about what happens to old donkeys?	article	journalist	Saturday Argus	Jean le May	South Africa (Western Cape)	196	life sciences	animals (farm)	yes
Saturday Argus	Saturday 14 July 2007	26	no	The right stuff for growing up	article	scientist or specialist	Saturday Argus	Giulia Criscuolo (education and training officer with Bioharmony, a homeopathic pharmacist and part of SM / Bioharmony's holistic health panel)	South Africa (general)	225	medicine and health	nutrition	yes
Saturday Argus	Saturday 14 July 2007	26	no	Anti-smoking pill could also pave the way to beating alcohol addiction	article	journalist	News agency: Sapa	no name	America (North)	96	medicine and health	smoking	yes
Saturday Argus	Saturday 14 July 2007	26	no	Getting older is really no joke, researchers find	article	journalist	Foreign newspaper: Daily Mail	no name	America (North)	72	medicine and health	mental health	yes
Saturday Argus	Saturday 14 July 2007	26	no	Hearty time out may be life saving	article	journalist	Foreign newspaper: Daily Mail	no name	America (North)	54	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 14 July 2007	26	no	A little more testosterone ends artery ailments	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (other)	89	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 14 July 2007	26	no	A glass of milk a day keeps your heart healthy	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	52	medicine and health	nutrition	yes
Saturday Argus	Saturday 14 July 2007	26	no	Anxiety drug shown to get gut back in balance	article	journalist	Foreign newspaper: Daily Mail	no name	America (North)	26	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 14 July 2007	30	no	Let's hope evolution doesn't let us down	letter	scientist or specialist	n/a	Bernhard Ficker, Somerset West	South Africa (general)	15	life sciences	evolution	yes
Saturday Argus	Saturday 14 July 2007	Classified page 1	no	Your Health: Fruit and veggies keep kids' illnesses away	column	journalist	Saturday Argus	Di Caelers	South Africa (general)	110	medicine and health	nutrition	yes

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News paper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	News paper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 14 July 2007	The Good Week end page 10	no	GrassRoots: Watch your outdoor art grow	column	scientist or specialist	Saturday Argus	Kay Montgomery	South Africa (Western Cape)	117	life sciences	plants	yes
Saturday Argus	Saturday 14 July 2007	Jellybean Journal page 2	no	Kids' shot at wildlife photography	article	journalist	Saturday Argus	no name	South Africa (Western Cape)	75	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 14 July 2007	Travel page 2	no	From the Editor: Travel Bolivian-style and South Island fun	column	journalist	Saturday Argus	Jon van den Heever	America (Central and South)	30	life sciences	environment and pollution	no
Saturday Argus	Saturday 14 July 2007	Travel page 4 and 5	no	Simply New Zealand	article	journalist	Saturday Argus	Rene Volchansky	Australasia	101	life sciences	environment and pollution	yes
Saturday Argus	Saturday 14 July 2007	Travel page 7	no	Editor's Choice: Tour through timeless Tunisia	article	journalist	Saturday Argus	no name	Africa	78	earth sciences	palaeontology and archaeology	yes
Saturday Argus	Saturday 21 July 2007	1	no	Tree fellers club porcupine to death in Tokai forest	article	journalist	Saturday Argus	Helen Bamford	South Africa (Western Cape)	51	life sciences	animals (wildlife)	no
Saturday Argus	Saturday 21 July 2007	5	no	Polish our diamonds here!	article	journalist	News agency: Sapa	no name	South Africa (general)	46	earth sciences	geology	no
Saturday Argus	Saturday 21 July 2007	5	no	Bushmen's plight focus of UN talks	article	journalist	News agency: Sapa	no name	Africa	22	life sciences	animals (wildlife)	no
Saturday Argus	Saturday 21 July 2007	6	no	Tracker device could help keep children safe	article	journalist	Saturday Argus	Melanie Peters	South Africa (general)	139	technology	other	yes
Saturday Argus	Saturday 21 July 2007	6	no	Zimbabwe's wealthy panic over petrol	article	journalist	News agency: Sapa	no name	Africa	75	physical sciences	energy (oil and gas)	no
Saturday Argus	Saturday 21 July 2007	8	no	Horse butcher rides again	article	journalist	News agency: Associated Press (AP)	no name	America (North)	74	life sciences	animals (farm)	yes

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Saturday Argus	Saturday 21 July 2007	12	no	Justice the sangoma way	article	journalist	Saturday Argus	Babington Maravanyika	South Africa (KwaZulu-Natal)	82	science and beliefs	pseudoscience and superstitions	yes
Saturday Argus	Saturday 21 July 2007	15	no	Snakes 'left to die' in container at nature reserve	article	journalist	Saturday Argus	Helen Bamford	South Africa (Western Cape)	87	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 21 July 2007	20	no	6000 skulls and DNA prove we all come from one place	article	journalist	Foreign newspaper: Daily Mail	David Derbyshire	Africa	48	life sciences	genetics	yes
Saturday Argus	Saturday 21 July 2007	20	no	Overcoming China's Great Wall of Pain	article	journalist	Saturday Argus	Kylie Walker	Asia (Far East and Russia)	189	earth sciences	meteorology	yes
Saturday Argus	Saturday 21 July 2007	21	no	The 237 other reasons why people have sex	article	journalist	Foreign newspaper: Daily Mail	no name	America (North)	101	medicine and health	mental health	yes
Saturday Argus	Saturday 21 July 2007	21	no	UK to steer teens to long-lasting contraceptives	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	18	medicine and health	other	yes
Saturday Argus	Saturday 21 July 2007	23	no	Eye test may give early warning of Alzheimer's	article	journalist	Foreign newspaper: Daily Mail	Roger Dobson	America (North)	44	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 21 July 2007	23	no	The bendy bionic hand	article	journalist	Foreign newspaper: Daily Mail	Fiona Macrae	Europe (UK and Ireland)	84	technology	other	yes
Saturday Argus	Saturday 21 July 2007	23	no	Study offers cold comfort to vitamin C believers	article	journalist	Foreign newspaper: Daily Mail	Fiona Macrae	Europe (UK and Ireland)	46	medicine and health	nutrition	yes
Saturday Argus	Saturday 21 July 2007	23	no	Grapefruit fingered in breast cancer scare	article	journalist	Foreign newspaper: The Daily Telegraph	Victoria Lambert	America (North)	148	medicine and health	nutrition	yes
Saturday Argus	Saturday 21 July 2007	23	no	Yo-yo dieting puts women at risk of kidney cancer finds study	article	journalist	Foreign newspaper: Daily Mail	Daniel Martin and Bob Osman	America (North)	86	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 21 July 2007	23	no	Nanobombs could blast cancer tumours away	article	journalist	Foreign newspaper: Daily Mail	Pat Hagan	Asia (Far East and Russia)	30	medicine and health	diseases and treatment	yes

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 21 July 2007	24	no	Cutting greenhouse gases requires political fortitude	article	journalist	Foreign newspaper: Washington Post	no name	America (North)	36	earth sciences	climate change	yes
Saturday Argus	Saturday 21 July 2007	24	no	Conservationists make a meal of Gore's fish	article	journalist	Foreign newspaper: The Daily Telegraph	Catherine Elsworth	America (North)	79	life sciences	animals (marine)	yes
Saturday Argus	Saturday 21 July 2007	24	no	Professors' pie chart provides thin edge of wedge in winning battle	article	journalist	Foreign newspaper: Washington Post	Steven Mufson	America (North)	86	earth sciences	climate change	yes
Saturday Argus	Saturday 21 July 2007	26	no	Time for better education on nuclear power plants	letter	public	n/a	R Mike Longden-Thurgood, Milnerton	South Africa (Western Cape)	112	physical sciences	energy (nuclear)	yes
Saturday Argus	Saturday 21 July 2007	26	no	Extinction is forever	letter	public	n/a	CE Gow, Knysna	South Africa (general)	26	life sciences	evolution	yes
Saturday Argus	Saturday 21 July 2007	Classified page 1	no	Your Health: Flavour enhancer may trigger headaches	column	journalist	Saturday Argus	Di Caelers	South Africa (general)	106	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 21 July 2007	The Good Weekend page 12	no	GrassRoots: Cool time for camellias	column	scientist or specialist	Saturday Argus	Kay Montgomery	South Africa (Western Cape)	143	life sciences	plants	yes
Saturday Argus	Saturday 21 July 2007	Jellybean Journal page 3	no	A forest ramble can be full of fun	article	journalist	Saturday Argus	no name	South Africa (Western Cape)	133	life sciences	plants	yes
Saturday Argus	Saturday 21 July 2007	Travel page 2	no	From the Editor: Braveheart country and other delights	column	journalist	Saturday Argus	Jon van den Heever	Africa	40	life sciences	animals (wildlife)	no

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 21 July 2007	Travel page 4	no	Dressage in Stellenbosch	article	journalist	Saturday Argus	no name	South Africa (Western Cape)	11	life sciences	animals (farm)	no
Saturday Argus	Saturday 21 July 2007	Travel page 4 and 5	no	Discovering bliss in Crete	article	journalist	Saturday Argus	Robin Hammond	Europe (other)	210	earth sciences	palaeontology and archaeology	yes
Saturday Argus	Saturday 21 July 2007	Travel page 6 and 7	no	Beauty in Botswana	article	journalist	Saturday Argus	Dawn Garisch	Africa	67	life sciences	animals (wildlife)	yes
Saturday Argus	Saturday 28 July 2007	1	no	Tourism snowballs for Ceres	article	journalist	Saturday Argus	Bronwynne Esbach	South Africa (Western Cape)	70	earth sciences	meteorology	no
Saturday Argus	Saturday 28 July 2007	4	no	Halls across Cape a refuge for thousands	article	journalist	Saturday Argus	Clayton Barnes	South Africa (Western Cape)	205	earth sciences	meteorology	yes
Saturday Argus	Saturday 28 July 2007	4	no	Now Nepal struck by monsoon misery	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	19	earth sciences	meteorology	no
Saturday Argus	Saturday 28 July 2007	4	no	India hit hard	article	journalist	News agency: unnamed	no name	Asia (Middle East and India)	22	earth sciences	meteorology	no
Saturday Argus	Saturday 28 July 2007	4	no	Britons mop up	article	journalist	News agency: unnamed	no name	Europe (UK and Ireland)	29	earth sciences	meteorology	yes
Saturday Argus	Saturday 28 July 2007	4	no	Chunks of ice smash roof	article	journalist	News agency: Sapa	no name	America (North)	20	earth sciences	meteorology	yes
Saturday Argus	Saturday 28 July 2007	5	no	Kosovo families wading through hopelessness	article	journalist	Saturday Argus	Clayton Barnes	South Africa (Western Cape)	133	earth sciences	meteorology	no
Saturday Argus	Saturday 28 July 2007	6	no	Dog killer's remorse 'insincere'	article	journalist	Saturday Argus	Sheree Bega	South Africa (Mpumalanga)	46	life sciences	animals (pets)	no
Saturday Argus	Saturday 28 July 2007	8	no	DA lays charge of fraud against Rath	article	journalist	Saturday Argus	no name	South Africa (Western Cape)	78	medicine and health	Aids	yes

Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 28 July 2007	10	no	Obese people can 'infect' others	article	journalist	Foreign newspaper: Washington Post	no name	America (North)	53	medicine and health	other	yes
Saturday Argus	Saturday 28 July 2007	10	no	Be good, they're watching	article	journalist	News agency: Sapa	no name	America (North)	32	life sciences	animals (marine)	yes
Saturday Argus	Saturday 28 July 2007	10	no	Big winners go on knee spree	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	21	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 28 July 2007	11	no	Dentist sued over tusk prank	article	journalist	News agency: Sapa	no name	America (North)	51	medicine and health	other	no
Saturday Argus	Saturday 28 July 2007	11	no	Call for animal lawyers	article	journalist	News agency: Sapa	no name	Europe (other)	34	life sciences	animals (pets)	no
Saturday Argus	Saturday 28 July 2007	12	no	Government has no carbon offset plan - Van Schaikwyk	article	journalist	Saturday Argus	Political Bureau	South Africa (general)	46	earth sciences	climate change	yes
Saturday Argus	Saturday 28 July 2007	14	no	Mind-bending illusion or metal-bending magic?	article	journalist	Saturday Argus	Kylie Walker	South Africa (Western Cape)	108	science and beliefs	pseudoscience and superstitions	yes
Saturday Argus	Saturday 28 July 2007	14	no	Doctors charge other doctors less - article	article	journalist	News agency: Sapa	no name	South Africa (general)	26	medicine and health	healthcare administration (malpractice)	no
Saturday Argus	Saturday 28 July 2007	16	no	Massive bottled water industry now regulated	article	journalist	Saturday Argus	Christina Gallagher	South Africa (Western Cape)	67	medicine and health	food and product safety	yes
Saturday Argus	Saturday 28 July 2007	16	no	Hundreds flock to see dead whale	article	journalist	News agency: Sapa	no name	South Africa (KwaZulu-Natal)	30	life sciences	animals (marine)	yes
Saturday Argus	Saturday 28 July 2007	16	no	200 cases of rabies in KZN as vaccination of dogs is urged	article	journalist	News agency: Sapa	no name	South Africa (KwaZulu-Natal)	46	life sciences	animals (pets)	yes
Saturday Argus	Saturday 28 July 2007	16	no	Men eat stolen dog as meat disappears from Zim menu	article	journalist	News agency: Sapa	no name	Africa	45	life sciences	animals (pets)	yes
Saturday Argus	Saturday 28 July 2007	16	no	High season' places strain on SA jails	article	journalist	Saturday Argus	Helen Bamford	South Africa (Western Cape)	137	medicine and health	healthcare administration (other)	yes

Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

News paper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	News paper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 28 July 2007	17	no	Baggage wrapping halted pending safety report	article	journalist	Saturday Argus	Kashieta Ajam	South Africa (Gauteng)	90	physical sciences	chemistry	yes
Saturday Argus	Saturday 28 July 2007	17	no	Mbeki joins fray over Frere baby deaths	article	journalist	Saturday Argus	Deon de Lange	South Africa (Eastern Cape)	82	medicine and health	healthcare administration (Frere Hospital)	yes
Saturday Argus	Saturday 28 July 2007	18	no	Chinese customs destroy US pigeons	article	journalist	Reuters	no name	Asia (Far East and Russia)	40	life sciences	animals (birds)	yes
Saturday Argus	Saturday 28 July 2007	18	no	Greens declare war on gas guzzlers	article	journalist	News agency: unnamed	no name	Europe (other)	33	sciences	climate change	yes
Saturday Argus	Saturday 28 July 2007	23	no	In the heart of creation	article	journalist	Saturday Argus	Kylie Waker	South Africa (Western Cape)	175	earth sciences	geology	yes
Saturday Argus	Saturday 28 July 2007	25	no	Shambles as bull with TB joins Hindu heavenly choir	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	72	life sciences	animals (farm)	yes
Saturday Argus	Saturday 28 July 2007	27	no	Bionic boom means more choices	article	journalist	News agency: unnamed	Simon Hadlington	America (North)	220	medicine and health	other	yes
Saturday Argus	Saturday 28 July 2007	27	no	Is hi-tech security technology chipping away at our privacy?	article	journalist	News agency: Sapa	Todd Lewan	America (North)	103	technology	other	yes
Saturday Argus	Saturday 28 July 2007	27	no	Tiny balloon can solve an inconvenient problem for women	article	journalist	Foreign newspaper: Daily Mail	Roger Dobson	Europe (UK and Ireland)	103	medicine and health	diseases and treatment	yes
Saturday Argus	Saturday 28 July 2007	29	no	Pill-poppers' dangerous addictions are easy to feed	article	journalist	Saturday Argus	Helen Grange	South Africa (general)	99	medicine and health	mental health	yes
Saturday Argus	Saturday 28 July 2007	29	no	Sugar addiction plagues children	article	journalist	Saturday Argus	Helen Grange	South Africa (general)	44	medicine and health	nutrition	yes
Saturday Argus	Saturday 28 July 2007	30	no	Why F1 drivers need to be fit to be fast	article	journalist	Saturday Argus	Brendan Seery	Europe (other)	123	medicine and health	other	yes
Saturday Argus	Saturday 28 July 2007	31	no	Now there's no excuse for getting lost	article	journalist	Saturday Argus	no name	South Africa (general)	181	technology	telecommunication	yes
Saturday Argus	Saturday 28 July 2007	31	no	Easy, but with irritating voice	article	journalist	Saturday Argus	Noor-Jehan Yoro Badat	South Africa (general)	42	technology	telecommunication	yes
Saturday Argus	Saturday 28 July 2007	31	no	Satellite navigation love affair	article	journalist	Saturday Argus	Alex Eliseev	South Africa (general)	42	technology	telecommunication	yes

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Appendix E: Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

News paper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	News paper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 28 July 2007	31	no	Kamikaze robots that kill bombs	article	journalist	News agency: Reuters	Melissa Nelson	America (North)	55	technology	other	yes
Saturday Argus	Saturday 28 July 2007	32	no	There's a Hogwarts just down the road	article	journalist	Saturday Argus	Bronwynne Esbach	South Africa (Western Cape)	136	science and beliefs	pseudoscience and superstitions	yes
Saturday Argus	Saturday 28 July 2007	34	no	Protect consumers	editorial comment	journalist	Saturday Argus	Editor	South Africa (general)	43	medicine and health	healthcare administration (other)	no
Saturday Argus	Saturday 28 July 2007	34	no	Park is for all, not the privileged few	letter	public	n/a	Kenny Phillips, Cape Town	South Africa (Western Cape)	64	life sciences	environment and pollution	yes
Saturday Argus	Saturday 28 July 2007	34	no	Animal protection, enforcement are essential	letter	scientist or specialist	n/a	Steve Smith, MERCY Animal Rescue	South Africa (Western Cape)	75	life sciences	animals (pets)	no
Saturday Argus	Saturday 28 July 2007	34	no	Cursed be the brutes that killed the porcupine	letter	public	n/a	Neil de Vries, Hanover Park	South Africa (Western Cape)	16	life sciences	animals (wildlife)	no
Saturday Argus	Saturday 28 July 2007	34	no	What is it with South Africans?	letter	public	n/a	C Collins	South Africa (Western Cape)	13	life sciences	animals (wildlife)	no
Saturday Argus	Saturday 28 July 2007	34	no	Extinction is not permanent; we can evolve again	letter	scientist or specialist	n/a	Bernhard Ficker, Somerset West	South Africa (general)	28	life sciences	evolution	yes
Saturday Argus	Saturday 28 July 2007	The Good Weekend page 12	no	GrassRoots: Forest paradise in suburbia	column	scientist or specialist	Saturday Argus	Kay Montgomery	South Africa (Western Cape)	129	life sciences	plants	yes
Saturday Argus	Saturday 28 July 2007	Jellybean Journal page 1	no	Fynbos fairies take to the skies	article	journalist	Saturday Argus	no name	South Africa (general)	84	life sciences	plants	yes

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**Appendix E:** Science coverage data for the *Saturday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Saturday Argus	Saturday 28 July 2007	Jellybe an Journal page 2	no	Light from exploding star seen 240 million years later	article	journalist	Saturday Argus	no name	America (North)	49	physical sciences	astronomy	yes
Saturday Argus	Saturday 28 July 2007	Jellybe an Journal page 3	no	Forest art makes a calendar event	article	journalist	Saturday Argus	no name	South Africa (Western Cape)	181	life sciences	plants	yes
Saturday Argus	Saturday 28 July 2007	Classified page 1	no	Your Health: Making the trip to the dentist a little easier	column	journalist	Saturday Argus	Di Caelers	South Africa (general)	105	medicine and health	other	yes
Saturday Argus	Saturday 28 July 2007	Travel page 1	no	Seychelles: Island spice	photograph	photographer	Other: Seychelles Tourism Marketing Authority	Angelo Cavalli	Africa	2	life sciences	environment and pollution	no
Saturday Argus	Saturday 28 July 2007	Travel page 2	no	From the Editor: End of an era	column	journalist	Saturday Argus	Jon van den Heever	Africa	32	life sciences	environment and pollution	no
Saturday Argus	Saturday 28 July 2007	Travel page 3 and 4	no	The lure of the spice trade	article	journalist	Saturday Argus	Graham Howe	Africa	189	life sciences	agriculture	yes
Saturday Argus	Saturday 28 July 2007	Travel page 5	no	Clanwilliam flowers on show	article	journalist	Saturday Argus	no name	South Africa (Western Cape)	67	life sciences	plants	no
Saturday Argus	Saturday 28 July 2007	Travel page 8	no	Let your friends do the walking	article	journalist	Saturday Argus	no name	Europe (other)	27	technology	internet and email	yes

## **Appendix F:**

Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 3 June 2007	1	no	Strike: we'll cope, say hospitals	article	journalist	Sunday Argus	Bronwynne Esbach	South Africa (Western Cape)	64	medicine and health	hospital strike	no
Sunday Argus	Sunday 3 June 2007	2	no	Lucky to be alive' after 5m plunge	article	journalist	Sunday Argus	Bronwynne Esbach and Helen Bamford	South Africa (Western Cape)	87	medicine and health	other	no
Sunday Argus	Sunday 3 June 2007	4	no	NSRI warns of unusual tides	article	journalist	Sunday Argus	no name	South Africa (general)	20	earth sciences	water	yes
Sunday Argus	Sunday 3 June 2007	6	no	The Verminator: judgment day for rats	article	journalist	Sunday Argus	Nathalie Rosa Bucher	South Africa (Western Cape)	222	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 3 June 2007	6	no	Bakkie the sea spat back	article	journalist	Sunday Argus	Doreen Premdev	South Africa (KwaZulu-Natal)	36	earth sciences	water	yes
Sunday Argus	Sunday 3 June 2007	7	no	Aids: 30% of adults display high-risk behaviour	article	journalist	Sunday Argus	no name	South Africa (general)	27	medicine and health	Aids	yes
Sunday Argus	Sunday 3 June 2007	8	no	Oldest melon in the world	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	31	earth sciences	palaeontology and archaeology	yes
Sunday Argus	Sunday 3 June 2007	8	no	Cellphone cheats	article	journalist	News agency: Agence France-Presse (AFP)	no name	Africa	28	technology	telecommunication	no
Sunday Argus	Sunday 3 June 2007	8	no	Awake after 19 years in a coma	article	journalist	News agency: Sapa	no name	Europe (other)	50	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 3 June 2007	9	no	Italians' secret for love? Salami	article	journalist	Foreign newspaper: The Daily Telegraph	Malcolm Moore	Europe (other)	48	medicine and health	nutrition	yes
Sunday Argus	Sunday 3 June 2007	9	no	Poison prevents pregnancy	article	journalist	News agency: Reuters	no name	America (Central and South)	34	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 3 June 2007	15	no	How sleep awakens the sex beast within	article	journalist	News agency: Reuters	Amy Norton	America (North)	76	medicine and health	other	yes
Sunday Argus	Sunday 3 June 2007	16	no	Kidney donor reality show 'all a hoax'	article	journalist	Foreign newspaper: The Independent	Thair Shaikh	Europe (other)	72	medicine and health	other	no

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Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 3 June 2007	16	no	Cock 'get twichers twitchy but 'tit' is ok	article	journalist	Foreign newspaper: Daily Mail	Fiona Macrae	Europe (UK and Ireland)	58	life sciences	animals (birds)	no
Sunday Argus	Sunday 3 June 2007	20	no	Sunday roast, fresh from the labattoir	article	journalist	News agency: Reuters	no name	Europe (other)	86	life sciences	animals (farm)	yes
Sunday Argus	Sunday 3 June 2007	22	no	Learning how to twist like the Tiger	article	journalist	Foreign newspaper: Washington Post	Howard Schneider	America (North)	156	medicine and health	other	yes
Sunday Argus	Sunday 3 June 2007	22	no	And two, and lift that cat, and three	article	journalist	Foreign newspaper: Washington Post	Kathleen Horn	America (North)	47	medicine and health	other	no
Sunday Argus	Sunday 3 June 2007	23	no	As inventor of the Pill, he gave the world sex without children	article	journalist	Foreign newspaper: Daily Mail	Natalie Clarke	Europe (UK and Ireland)	377	medicine and health	other	yes
Sunday Argus	Sunday 3 June 2007	23	no	At last women can say RIP to PMS - thanks to a new brand of birth control	article	journalist	Foreign newspaper: Washington Post	William Saletan	America (North)	174	medicine and health	other	yes
Sunday Argus	Sunday 3 June 2007	24	no	Pushing Africa's cause	editorial comment	journalist	Sunday Argus	Sunday Argus Editor	Africa	31	medicine and health	Aids	no
Sunday Argus	Sunday 3 June 2007	26	no	Health Watch: A US lawyer who flew to and from Europe with a perilous strain of tuberculosis	column	journalist	News agency: Reuters	no name	America (North)	5	medicine and health	diseases and treatment	no
Sunday Argus	Sunday 3 June 2007	26	no	Health Watch: US health officials have warned people to avoid toothpaste made in China	column	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	4	medicine and health	food and product safety	no
Sunday Argus	Sunday 3 June 2007	26	no	Health Watch: Should smokers and ex-smokers get an annual screening test for lung cancer?	column	journalist	News agency: Reuters	no name	America (North)	4	medicine and health	smoking	no

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Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 3 June 2007	26	no	Health Watch: In women, ultraviolet radiation exposure from time spent in the sun	column	journalist	News agency: Reuters	no name	America (North)	5	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 3 June 2007	26	no	Health Watch: Persistent smokers appear to be at increased risk of becoming depressed	column	journalist	News agency: Reuters	no name	Europe (other)	5	medicine and health	smoking	yes
Sunday Argus	Sunday 3 June 2007	26	no	Health Watch: An analysis of data from studies of anaemia drugs used with cancer treatments	column	journalist	News agency: Reuters	no name	America (North)	4	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 3 June 2007	26	no	Health Watch: Drinking apple juice daily from concentrate may help ward off asthma symptoms	column	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	3	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 3 June 2007	The Good Week and page 7	no	TechWatch: Appealing sound of the Sun	column	journalist	Sunday Argus	Alan Duggan (editor of Popular Mechanics)	America (North)	35	physical sciences	astronomy	yes
Sunday Argus	Sunday 3 June 2007	The Good Week and page 7	no	TechWatch: In pursuit of a fire-proof cabin	column	journalist	Sunday Argus	Alan Duggan (editor of Popular Mechanics)	America (North)	30	physical sciences	chemistry	yes
Sunday Argus	Sunday 3 June 2007	The Good Week and page 7	no	TechWatch: Could smart mice rule the world?	column	journalist	Sunday Argus	Alan Duggan (editor of Popular Mechanics)	America (North)	35	life sciences	genetics	yes

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Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 3 June 2007	The Good Week and page 7	no	TechWatch: We're not alone department	column	journalist	Sunday Argus	Alan Duggan (editor of Popular Mechanics)	America (North)	19	physical sciences	astronomy	yes
Sunday Argus	Sunday 3 June 2007	The Good Week and page 7	no	TechWatch: Arithmetic is child's play	column	journalist	Sunday Argus	Alan Duggan (editor of Popular Mechanics)	America (North)	46	physical sciences	mathematics	yes
Sunday Argus	Sunday 3 June 2007	The Good Week and page 10	no	What's Up: It's sophisticated and shiny - it must be worth something	column	journalist	Sunday Argus	Brian Cooper	South Africa (general)	59	technology	telecommunication	no
Sunday Argus	Sunday 3 June 2007	The Good Week and page 12	no	Challenging, childish pleasure	article	journalist	Sunday Argus	Tim Rolston	South Africa (Western Cape)	143	life sciences	environment and pollution	yes
Sunday Argus	Sunday 3 June 2007	The Good Week and TV Guide page 1	no	In my Track: If only the shark had eaten the sprightlies right up	column	journalist	Sunday Argus	Dave Basckin	South Africa (general)	69	life sciences	animals (marine)	no
Sunday Argus	Sunday 3 June 2007	Travel page 1	no	London to Plett, Ethiopia and East Africa	photograph	photographer	Sunday Argus	Matthew Covarr	Africa	2	life sciences	animals (wildlife)	no
Sunday Argus	Sunday 3 June 2007	Travel page 2	no	From the Editor: Feeding frenzy in central Africa	column	journalist	Sunday Argus	Jon van den Heever	Africa	45	life sciences	environment and pollution	yes

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Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 3 June 2007	Travel page 2	no	Footloose: Impose litter tax on everyone	column	journalist	Sunday Argus	Evelyn Holtzhausen	South Africa (Western Cape)	88	life sciences	environment and pollution	yes
Sunday Argus	Sunday 3 June 2007	Travel page 3 and 4	no	Tackling Ethiopia, Uganda and E Africa	article	journalist	Sunday Argus	Matthew Covarr	Africa	233	life sciences	environment and pollution	yes
Sunday Argus	Sunday 3 June 2007	Travel page 5 and 6	no	Time out on the whitest sand in the world	article	journalist	Sunday Argus	Lisa Wolff	Australasia	177	life sciences	environment and pollution	yes
Sunday Argus	Sunday 3 June 2007	Travel page 7	no	Discovering the wildest coast	article	journalist	Sunday Argus	Brenda Walters	South Africa (Eastern Cape)	165	life sciences	environment and pollution	yes
Sunday Argus	Sunday 10 June 2007	3	no	Strike snowballs... and now cops threaten to join	article	journalist	Sunday Argus	no name	South Africa (general)	166	medicine and health	hospital strike	no
Sunday Argus	Sunday 10 June 2007	4	no	Unions could be sued for damages	article	journalist	Sunday Argus	Fred Kockott	South Africa (general)	122	medicine and health	hospital strike	yes
Sunday Argus	Sunday 10 June 2007	4	no	Eco-friendly	photograph	photographer	Sunday Argus	Henk Kruger	South Africa (Western Cape)	1	physical sciences	energy (renewable)	no
Sunday Argus	Sunday 10 June 2007	8	no	Walk this way to cancer survival	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	49	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 10 June 2007	8	no	God 'had a hand in creation'	article	journalist	News agency: Agence France-Presse (AFP)	no name	America (North)	32	science and beliefs	science and religion	yes
Sunday Argus	Sunday 10 June 2007	8	no	Cool drinks fatten kids	article	journalist	News agency: Reuters	no name	America (North)	29	medicine and health	nutrition	yes
Sunday Argus	Sunday 10 June 2007	9	no	Musical suit's a perfect hit...	article	journalist	Foreign newspaper: Daily Mail	Sean Poulter	Europe (UK and Ireland)	50	technology	other	no
Sunday Argus	Sunday 10 June 2007	9	no	Hot cuppa in seconds	article	journalist	Foreign newspaper: Daily Mail	Sean Poulter	Europe (UK and Ireland)	23	technology	other	yes
Sunday Argus	Sunday 10 June 2007	17	no	Elephants outwit lethal legacy	article	journalist	Sunday Argus	Leon Marshall	Africa	267	life sciences	animals (wildlife)	yes

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Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 10 June 2007	19	no	Beating the really big C	article	journalist	Sunday Argus	Sheena Adams	South Africa (general)	203	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 10 June 2007	21	no	Future diseases predicted	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	11	life sciences	genetics	yes
Sunday Argus	Sunday 10 June 2007	21	no	How the birth of a baby may influence gay rights in the US	article	journalist	Foreign newspaper: The Independent	Andrew Buncombe	America (North)	298	medicine and health	other	no
Sunday Argus	Sunday 10 June 2007	22	no	The talking done, we await action	editorial comment	journalist	Sunday Argus	Sunday Argus Editor	Africa	31	medicine and health	Aids	no
Sunday Argus	Sunday 10 June 2007	22	no	We're helpless against the forces of nature	letter	public	n/a	T Markandan, Chatsworth, Durban	South Africa (KwaZulu-Natal)	42	earth sciences	water	yes
Sunday Argus	Sunday 10 June 2007	23	no	Van Hunks: Something fishy	column	journalist	Sunday Argus	Van Hunks	South Africa (Western Cape)	27	life sciences	animals (marine)	no
Sunday Argus	Sunday 10 June 2007	23	no	Van Hunks: Not green, Graeme	column	journalist	Sunday Argus	Van Hunks	South Africa (Western Cape)	14	life sciences	environment and pollution	no
Sunday Argus	Sunday 10 June 2007	23	no	Van Hunks: Age shall not wither	column	journalist	Sunday Argus	Van Hunks	South Africa (KwaZulu-Natal)	18	physical sciences	mathematics	no
Sunday Argus	Sunday 10 June 2007	23	no	Van Hunks: Screwed up	column	journalist	Sunday Argus	Van Hunks	Africa	23	medicine and health	diseases and treatment	no
Sunday Argus	Sunday 10 June 2007	23	no	Van Hunks: Hari who?	column	journalist	Sunday Argus	Van Hunks	South Africa (Western Cape)	9	life sciences	environment and pollution	no
Sunday Argus	Sunday 10 June 2007	25	no	Health Watch: A 10-year-old Egyptian girl who contracted the H5N1 bird flu virus	column	journalist	News agency: Reuters	no name	Africa	11	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 10 June 2007	25	no	Health Watch: The maker of Marlboro	column	journalist	News agency: Reuters	no name	America (North)	5	medicine and health	smoking	no
Sunday Argus	Sunday 10 June 2007	25	no	Health Watch: A Dutch smoking ban will come into force in July next year	column	journalist	News agency: Reuters	no name	Europe (other)	5	medicine and health	smoking	no

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Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 10 June 2007	25	no	Health Watch: A pre-existing defect in body temperature regulation	column	journalist	News agency: Reuters	no name	America (North)	5	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 10 June 2007	25	no	Health Watch: Research suggests that when a pregnant woman is vaccinated against influenza	column	journalist	News agency: Reuters	no name	America (North)	4	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 10 June 2007	Classified page 1	no	Your Health: Study shows youth believe scary myths	column	journalist	Sunday Argus	Di Caelers	South Africa (general)	105	medicine and health	Aids	yes
Sunday Argus	Sunday 10 June 2007	Travel page 1	no	Cruising Europe: Self-drive on the rivers	photograph	photographer	Sunday Argus	no name	Europe (other)	2	earth sciences	water	no
Sunday Argus	Sunday 10 June 2007	Travel page 2	no	From the Editor: Dramatic weather and other delights	column	journalist	Sunday Argus	Jon van den Heever	South Africa (Western Cape)	62	life sciences	environment and pollution	yes
Sunday Argus	Sunday 10 June 2007	Travel page 7 and 8	no	The mother of all rivers	article	journalist	Sunday Argus	David Butcher	America (Central and South)	192	earth sciences	water	yes
Sunday Argus	Sunday 10 June 2007	Travel page 11 and 12	no	Embracing the unpredictable	article	journalist	Sunday Argus	Karen Watkins	Asia (Middle East and India)	223	earth sciences	palaeontology and archaeology	yes
Sunday Argus	Sunday 17 June 2007	2	no	White doctor gets senior Tygerberg post	article	journalist	Sunday Argus	Lynette Johns	South Africa (Western Cape)	73	medicine and health	healthcare administration (other)	no
Sunday Argus	Sunday 17 June 2007	3	no	Playtime in kayaks as rivers flood	article	journalist	Sunday Argus	Clayton Barnes	South Africa (Western Cape)	50	earth sciences	water	no
Sunday Argus	Sunday 17 June 2007	3	no	Electronic tracker solved murder	article	journalist	Sunday Argus	Helen Bamford	South Africa (Western Cape)	37	technology	other	yes
Sunday Argus	Sunday 17 June 2007	5	no	Blessed by 'Our Lady' of Benoni	article	journalist	Sunday Argus	Jeremy Gordin	South Africa (Gauteng)	143	science and beliefs	science and religion	yes

Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 17 June 2007	8	no	Cabbage responds to chats	article	journalist	News agency: Sapa	no name	South Africa (Eastern Cape)	40	life sciences	agriculture	yes
Sunday Argus	Sunday 17 June 2007	9	no	Shark cancer cure hope	article	journalist	Foreign newspaper: The Independent	no name	Europe (UK and Ireland)	50	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 17 June 2007	9	no	Tooth fairy to rescue	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	33	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 17 June 2007	9	no	Alcohol vs arthritis	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	26	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 17 June 2007	12	no	Mxit to launch educational drive	article	journalist	Sunday Argus	Clayton Barnes	South Africa (Western Cape)	166	technology	telecommunication	no
Sunday Argus	Sunday 17 June 2007	13	no	Track is clear for Paralympic champ	article	journalist	Foreign newspaper: Daily Mail	Neil Wilson	Europe (other)	96	technology	other	yes
Sunday Argus	Sunday 17 June 2007	13	no	Wheels come off but epic journey ends in success	article	journalist	Sunday Argus	Helen Bamford	South Africa (Western Cape)	81	life sciences	animals (farm)	no
Sunday Argus	Sunday 17 June 2007	19	no	Waiting frenzy builds for all-in-one iPhone	article	journalist	News agency: Sapa	no name	America (North)	33	technology	telecommunication	yes
Sunday Argus	Sunday 17 June 2007	22	no	Hunting linked to a violent colonial heritage	letter	scientist or specialist	n/a	Sallem Fakier, Stellenbosch University	South Africa (general)	64	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 17 June 2007	22	no	View on hunters anatomically deficient	letter	public	n/a	Horst Kettner, Newlands	South Africa (general)	18	medicine and health	other	yes
Sunday Argus	Sunday 17 June 2007	23	no	Van Hunks: Out of site...	column	journalist	Sunday Argus	Van Hunks	South Africa (Western Cape)	47	technology	internet and email	no
Sunday Argus	Sunday 17 June 2007	23	no	Van Hunks: Hbow broad your band	column	journalist	Sunday Argus	Van Hunks	South Africa (Western Cape)	20	technology	internet and email	no
Sunday Argus	Sunday 17 June 2007	23	no	Van Hunks: Dam right!	column	journalist	Sunday Argus	Van Hunks	South Africa (Western Cape)	11	earth sciences	water	yes

Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 17 June 2007	23	no	Van Hunks: Something fishy	column	journalist	Sunday Argus	Van Hunks	South Africa (Western Cape)	13	life sciences	animals (marine)	no
Sunday Argus	Sunday 17 June 2007	Classified page 1	no	Your Health: Runners beware of the dreaded athlete's foot!	column	journalist	Sunday Argus	Di Caelers	South Africa (general)	90	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 17 June 2007	The Good Week and page 9	no	Into the minds of babes	article	journalist	Foreign newspaper: Washington Post	David Segal	America (North)	228	science and beliefs	pseudoscience and superstitions	yes
Sunday Argus	Sunday 17 June 2007	The Good Week and page 14	no	What's Up: A professional non-believer warns to his topic	column	journalist	Sunday Argus	Brian Cooper	South Africa (general)	64	earth sciences	climate change	yes
Sunday Argus	Sunday 17 June 2007	The Good Week and page 16	no	I saw the Krom falls and lived	article	journalist	Sunday Argus	Tim Rolston	South Africa (Western Cape)	142	earth sciences	water	yes
Sunday Argus	Sunday 17 June 2007	Travel page 1	no	Tasmania: River magic	photograph	photographer	Sunday Argus	no name	Australasia	2	earth sciences	water	no
Sunday Argus	Sunday 17 June 2007	Travel page 2	no	From the Editor: A green victory and on-line videos	column	journalist	Sunday Argus	Jon van den Heever	Australasia	49	life sciences	environment and pollution	yes
Sunday Argus	Sunday 17 June 2007	Travel page 3 and 4	no	The last wild river in Australia	article	journalist	Sunday Argus	John Hagan	Australasia	175	earth sciences	water	yes

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Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 17 June 2007	Travel page 3 and 4	no	Climate change boosts English wine in Surrey	article	journalist	Sunday Argus	no name	Europe (UK and Ireland)	26	earth sciences	climate change	yes
Sunday Argus	Sunday 17 June 2007	Travel page 5	no	Slideshows for the information age	article	journalist	Sunday Argus	Robin Esrock	South Africa (general)	103	technology	internet and email	yes
Sunday Argus	Sunday 17 June 2007	Travel page 6 and 7	no	Making the most of Zanzibar	article	journalist	Sunday Argus	Leon Marais	Africa	99	life sciences	animals (wildlife)	no
Sunday Argus	Sunday 24 June 2007	1	no	Falling tree sinks canoeist as winter returns	article	journalist	Sunday Argus	Lynette Johns, Kim Hawkey and Murray Williams	South Africa (Western Cape)	92	life sciences	plants	yes
Sunday Argus	Sunday 24 June 2007	5	no	Blade runner	photograph	photographer	News agency: Associated Press (AP)	no name	South Africa (Gauteng)	3	technology	other	no
Sunday Argus	Sunday 24 June 2007	5	no	New research casts more doubt on GM foods	article	journalist	Sunday Argus	Melanie Peters	South Africa (general)	58	medicine and health	food and product safety	yes
Sunday Argus	Sunday 24 June 2007	5	no	SPCA warning	article	journalist	Sunday Argus	no name	South Africa (general)	13	life sciences	animals (pets)	no
Sunday Argus	Sunday 24 June 2007	6	no	Spammers face threat of jail term	article	journalist	Sunday Argus	Edwin Naidu	South Africa (general)	124	technology	internet and email	no
Sunday Argus	Sunday 24 June 2007	6	no	Cellphone tickets on the cards for 2010	article	journalist	Sunday Argus	Eleanor Momborg	South Africa (general)	66	technology	telecommunication	yes
Sunday Argus	Sunday 24 June 2007	9	no	Mighty Servant 3 afloat once more	article	journalist	Sunday Argus	Melanie Peters	Africa	133	physical sciences	physics	yes
Sunday Argus	Sunday 24 June 2007	10	no	Let's chew a cuppa	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	26	medicine and health	nutrition	yes
Sunday Argus	Sunday 24 June 2007	11	no	Peru says it's legal at 14	article	journalist	News agency: Sapa	no name	America (Central and South)	45	medicine and health	other	no
Sunday Argus	Sunday 24 June 2007	11	no	No sex ever for 4% of US adults	article	journalist	News agency: Sapa	no name	America (North)	33	medicine and health	other	yes
Sunday Argus	Sunday 24 June 2007	12	no	Passion for nature brings in the big bucks	article	journalist	Sunday Argus	Kim Hawkey	Europe (UK and Ireland)	178	life sciences	animals (wildlife)	yes

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Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 24 June 2007	17	no	Even an ugly dog has its day	article	journalist	News agency: Sapa	no name	America (North)	24	life sciences	animals (pets)	no
Sunday Argus	Sunday 24 June 2007	17	no	DNA says Murphy is father of Scary Spice's daughter	article	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	28	life sciences	genetics	no
Sunday Argus	Sunday 24 June 2007	17	no	Alzheimer's vaccine on the horizon	article	journalist	Foreign newspaper: Daily Mail	Fiona Macrae	Europe (UK and Ireland)	117	medicine and health	mental health	yes
Sunday Argus	Sunday 24 June 2007	22	no	Oh for the days when a cellphone was for talking	article	journalist	Foreign newspaper: Daily Mail	Michael Hanlon	Europe (UK and Ireland)	247	technology	telecommunication	yes
Sunday Argus	Sunday 24 June 2007	22	no	Less is a whole lot more for Apple's iPhone adverts	article	journalist	News agency: Reuters	no name	America (North)	78	technology	telecommunication	yes
Sunday Argus	Sunday 24 June 2007	26	no	Stunning bull before slaughter was humane	letter	scientist or specialist	n/a	Allan Perrins, Cape of Good Hope SPCA	South Africa (Western Cape)	44	life sciences	animals (farm)	yes
Sunday Argus	Sunday 24 June 2007	26	no	Beware Our lady of Bibica spooks	letter	public	n/a	Laurence Berman, Pretoria	South Africa (Gauteng)	25	science and beliefs	science and religion	yes
Sunday Argus	Sunday 24 June 2007	27	no	Van Hunks: PC Paranoia	column	journalist	Sunday Argus	Van Hunks	South Africa (Western Cape)	27	technology	other	no
Sunday Argus	Sunday 24 June 2007	27	no	Van Hunks: Pegasus patrol	column	journalist	Sunday Argus	Van Hunks	South Africa (Western Cape)	11	life sciences	animals (farm)	no
Sunday Argus	Sunday 24 June 2007	27	no	Van Hunks: Wet look	column	journalist	Sunday Argus	Van Hunks	South Africa (Western Cape)	11	earth sciences	meteorology	yes
Sunday Argus	Sunday 24 June 2007	27	no	Van Hunks: Future perfect	column	journalist	Sunday Argus	Van Hunks	South Africa (Western Cape)	10	technology	telecommunication	no
Sunday Argus	Sunday 24 June 2007	27	no	Van Hunks: Bummer	column	journalist	Sunday Argus	Van Hunks	South Africa (Western Cape)	11	medicine and health	other	no
Sunday Argus	Sunday 24 June 2007	Classified page 1	no	Your Health: Early detection is vital in prostate cancer	column	journalist	Sunday Argus	Di Caelers	South Africa (general)	105	medicine and health	diseases and treatment	yes

Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 24 June 2007	The Good Weeks and TV Guide page 1	no	In my Track: BBC documentary presents hopeful look at TB	column	journalist	Sunday Argus	Dave Basokin	South Africa (general)	77	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 24 June 2007	Travel page 1	no	Madikwe wildlife paradise	photograph	photographer	Sunday Argus	no name	South Africa (North West)	2	life sciences	animals (wildlife)	no
Sunday Argus	Sunday 24 June 2007	Travel page 2	no	From the Editor: From the southern tip to the northern border	column	journalist	Sunday Argus	Jon van den Heever	South Africa (general)	32	life sciences	environment and pollution	no
Sunday Argus	Sunday 24 June 2007	Travel page 2	no	L'Agulhas: South Coast haven	article	journalist	Sunday Argus	Richard Hamburger	South Africa (Western Cape)	72	earth sciences	water	yes
Sunday Argus	Sunday 24 June 2007	Travel page 3 and 4	no	A city that is easy to love	article	journalist	Sunday Argus	Corrie Bridgman	America (North)	216	life sciences	plants	yes
Sunday Argus	Sunday 24 June 2007	Travel page 5	no	Game viewing in one of SA's largest reserves	article	journalist	Sunday Argus	Jacqui Gilchrist	South Africa (North West)	120	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 24 June 2007	Travel page 6	no	Editor's Choice: Family breaks in the Cedarberg	article	journalist	Sunday Argus	no name	South Africa (Western Cape)	130	life sciences	environment and pollution	no
Sunday Argus	Sunday 1 July 2007	3	no	Dumping unwanted memories is no longer a fantasy	article	journalist	Foreign newspaper: The Sunday Telegraph	Richard Gray	America (North)	28	medicine and health	mental health	yes
Sunday Argus	Sunday 1 July 2007	4	no	Power outages loom as Eskom wage talks stall	article	journalist	Sunday Argus	Eleanor Momberg	South Africa (general)	100	physical sciences	energy (electricity)	no
Sunday Argus	Sunday 1 July 2007	4	no	Electricity-from-wood project finds home in George	article	journalist	Sunday Argus	Melanie Peters	South Africa (Western Cape)	102	physical sciences	energy (renewable)	yes



Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 1 July 2007	4	no	Slip sliding away	photograph	photographer	Sunday Argus	Jim McLagan	South Africa (Western Cape)	2	life sciences	plants	no
Sunday Argus	Sunday 1 July 2007	5	no	Thousands of medical aid members in danger of losing their cover	article	journalist	Sunday Argus	Edwin Naidu	South Africa (general)	70	medicine and health	healthcare administration (other)	no
Sunday Argus	Sunday 1 July 2007	6	no	Fruit picker uses her single share to shame retailer	article	journalist	Sunday Argus	no name	Europe (UK and Ireland)	153	life sciences	agriculture	no
Sunday Argus	Sunday 1 July 2007	10	no	Flightless Fred gets experts in a flap	article	journalist	News agency: Reuters	no name	Africa	41	earth sciences	palaeontology and archaeology	yes
Sunday Argus	Sunday 1 July 2007	10	no	Oldest tooth found	article	journalist	News agency: Sapa	no name	Europe (other)	41	earth sciences	palaeontology and archaeology	yes
Sunday Argus	Sunday 1 July 2007	10	no	Fossil treasure	article	journalist	News agency: Reuters	no name	America (Central and South)	29	earth sciences	palaeontology and archaeology	yes
Sunday Argus	Sunday 1 July 2007	16	no	The addictive face of friendship	article	journalist	Sunday Argus	Mary Corriagall	South Africa (general)	104	technology	internet and email	no
Sunday Argus	Sunday 1 July 2007	16	no	Look out for TV coming to a cellphone near you	article	journalist	Sunday Argus	Edwin Naidu	South Africa (general)	124	technology	telecommunication	no
Sunday Argus	Sunday 1 July 2007	16	no	Mxit generation logs on to latest social network craze	article	journalist	Sunday Argus	Jani Meyer	South Africa (general)	114	technology	internet and email	no
Sunday Argus	Sunday 1 July 2007	16	no	African language content to expand	article	journalist	Other: www.southafrica.info.com	no name	South Africa (general)	55	technology	internet and email	yes
Sunday Argus	Sunday 1 July 2007	16	no	Think before hitting that 'send' button	article	journalist	Foreign newspaper: The Daily Telegraph	Tom Leonard	Europe (UK and Ireland)	121	technology	internet and email	no
Sunday Argus	Sunday 1 July 2007	21	no	Climate of angst drives Germans to build bunkers in their gardens	article	journalist	News agency: Sapa	no name	Europe (other)	144	medicine and health	mental health	no
Sunday Argus	Sunday 1 July 2007	26	no	SANParks must stop the tree-felling madness	letter	public	n/a	Shelley van Branning, Hout Bay	South Africa (Western Cape)	90	life sciences	plants	yes
Sunday Argus	Sunday 1 July 2007	26	no	Respect animals or child abuse will never end	letter	public	n/a	Toni Brookhoven, Milnerton	South Africa (general)	48	life sciences	animals (pets)	no

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Sunday Argus	Sunday 1 July 2007	29	no	A lot more adults in SA from today	article	journalist	Sunday Argus	Janine Stephen	South Africa (general)	106	medicine and health	Aids	no
Sunday Argus	Sunday 1 July 2007	29	no	Cerebral palsy kids don't need your pity	article	journalist	Foreign newspaper: The Independent	no name	Europe (UK and Ireland)	17	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 1 July 2007	The Good Week and page 8	no	Where have you been online?	article	journalist	News agency: Reuters	Michele Gershberg	America (North)	104	technology	internet and email	yes
Sunday Argus	Sunday 1 July 2007	The Good Week and page 12	no	Better than therapy	article	journalist	Sunday Argus	Tim Rolston	South Africa (Western Cape)	120	life sciences	animals (marine)	yes
Sunday Argus	Sunday 1 July 2007	Travel page 1	no	Huayhuash: Condor Kingdom	photograph	photographer	Sunday Argus	David Butcher	America (Central and South)	2	earth sciences	geology	no
Sunday Argus	Sunday 1 July 2007	Travel page 2	no	From the Editor: Condors in Peru, salmon in Scotland and flashpackers in SA	column	journalist	Sunday Argus	Jon van den Heever	America (Central and South)	36	life sciences	environment and pollution	yes
Sunday Argus	Sunday 1 July 2007	Travel page 3 and 4	no	On the trail of the elusive condor	article	journalist	Sunday Argus	David Butcher	America (Central and South)	142	life sciences	animals (birds)	yes
Sunday Argus	Sunday 1 July 2007	Travel page 4	no	Smallest railway turns 80 in Kent	article	journalist	Sunday Argus	no name	Europe (UK and Ireland)	48	life sciences	environment and pollution	yes
Sunday Argus	Sunday 1 July 2007	Travel page 5 and 6	no	Scotland's salmon season	article	journalist	Sunday Argus	Alan Galante	Europe (UK and Ireland)	186	life sciences	animals (marine)	no
Sunday Argus	Sunday 1 July 2007	Travel page 7	no	Taking advantage of South Africa's 'new gold'	article	journalist	Sunday Argus	Karen Watkins	South Africa (general)	102	life sciences	environment and pollution	no

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 8 July 2007	2	no	Our eco-capital dwindling: report	article	journalist	Sunday Argus	Eleanor Momborg	South Africa (general)	178	life sciences	environment and pollution	yes
Sunday Argus	Sunday 8 July 2007	2	no	Bed made available at Valkenberg for Najwa, but defence 'declined'	article	journalist	Sunday Argus	Kim Hawkey	South Africa (Western Cape)	75	medicine and health	mental health	yes
Sunday Argus	Sunday 8 July 2007	2	no	Bushmen arrested for wildlife killings	article	journalist	News agency: Agence France-Presse (AFP)	no name	Africa	18	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 8 July 2007	3	no	Shark attack survivor aims for Paralympics	article	journalist	Sunday Argus	Kylie Walker	South Africa (Western Cape)	70	life sciences	animals (marine)	no
Sunday Argus	Sunday 8 July 2007	3	no	97 injured in run with bulls at Pamplona	article	journalist	News agency: Sapa	no name	Europe (other)	25	life sciences	animals (farm)	no
Sunday Argus	Sunday 8 July 2007	5	no	Police baffled after anthrax post scare	article	journalist	Sunday Argus	Eleanor Momborg	South Africa (Gauteng)	15	medicine and health	other	yes
Sunday Argus	Sunday 8 July 2007	6	no	Nasa must follow the weird	article	journalist	News agency: Reuters	no name	America (North)	11	physical sciences	astronomy	yes
Sunday Argus	Sunday 8 July 2007	7	no	Eco-housing delays drag on	article	journalist	Sunday Argus	Bronwynne Esbach	South Africa (Western Cape)	124	physical sciences	energy (renewable)	yes
Sunday Argus	Sunday 8 July 2007	8	no	Unlikely hero returns to her humble life	article	journalist	Sunday Argus	Melanie Peters	Europe (UK and Ireland)	220	life sciences	agriculture	no
Sunday Argus	Sunday 8 July 2007	8	no	Contact lens solution scare	article	journalist	Sunday Argus	Sheree Bega	America (North)	73	medicine and health	food and product safety	yes
Sunday Argus	Sunday 8 July 2007	10	no	Spain to feel the heat	article	journalist	News agency: Reuters	no name	Europe (other)	30	earth sciences	climate change	yes
Sunday Argus	Sunday 8 July 2007	13	no	Rain or shine - it's no longer a guessing game	article	journalist	Sunday Argus	Kylie Walker	South Africa (Western Cape)	109	earth sciences	meteorology	yes
Sunday Argus	Sunday 8 July 2007	14	no	Top milk producers accused of creaming it	article	journalist	Sunday Argus	Jani Meyer	South Africa (general)	238	life sciences	agriculture	yes
Sunday Argus	Sunday 8 July 2007	25	no	Bag a baby on an SA fertility safari	article	journalist	Sunday Argus	Jani Meyer	South Africa (Western Cape)	192	medicine and health	other	yes
Sunday Argus	Sunday 8 July 2007	25	no	Putting motherhood on pause	article	journalist	Sunday Argus	Helen Grange	South Africa (Western Cape)	158	medicine and health	other	yes

Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 8 July 2007	25	no	Alternative therapy may hamper chances of women trying to get pregnant	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	111	science and beliefs	pseudoscience and superstitions	yes
Sunday Argus	Sunday 8 July 2007	25	no	Little girls' fertility preserved	article	journalist	News agency: Reuters	no name	Asia (Middle East and India)	35	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 8 July 2007	27	no	Van Hunks: Satisfying Sutherland	column	journalist	Sunday Argus	Van Hunks	South Africa (Western Cape)	29	physical sciences	astronomy	yes
Sunday Argus	Sunday 8 July 2007	27	no	Van Hunks: Game, wet, match	column	journalist	Sunday Argus	Van Hunks	Europe (UK and Ireland)	16	earth sciences	meteorology	no
Sunday Argus	Sunday 8 July 2007	27	no	Van Hunks: Madam's ruin	column	journalist	Sunday Argus	Van Hunks	South Africa (general)	11	medicine and health	other	no
Sunday Argus	Sunday 8 July 2007	29	no	Health Watch: Health authorities in Canada and Massachusetts are warning consumers	column	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	6	medicine and health	food and product safety	yes
Sunday Argus	Sunday 8 July 2007	29	no	Health Watch: Independent of cigarette smoking, infection with HIV	column	journalist	News agency: Reuters	no name	America (North)	4	medicine and health	Aids	yes
Sunday Argus	Sunday 8 July 2007	29	no	Health Watch: In 146 countries around the world, 'smoke-free' now means exactly that	column	journalist	News agency: Reuters	no name	America (North)	7	medicine and health	smoking	no
Sunday Argus	Sunday 8 July 2007	29	no	Health Watch: Eye injections of the widely-used cancer drug Avastin	column	journalist	News agency: Reuters	no name	America (North)	5	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 8 July 2007	29	no	Health Watch: More than half of patients with advanced chronic obstructive pulmonary disease	column	journalist	News agency: Reuters	no name	America (North)	4	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 8 July 2007	29	no	Health Watch: Burger King has said all of its US restaurants will be using frying oil	column	journalist	News agency: Reuters	no name	America (North)	4	medicine and health	nutrition	yes

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 8 July 2007	The Good Week and page 12	no	Richtersveld: In praise of nothingness	article	journalist	Sunday Argus	Myna Robins	South Africa (Northern Cape)	106	life sciences	environment and pollution	yes
Sunday Argus	Sunday 8 July 2007	Travel page 1	no	London to Plett: The last magnificent leg	photograph	photographer	Sunday Argus	no name	Africa	2	life sciences	environment and pollution	no
Sunday Argus	Sunday 8 July 2007	Travel page 2	no	From the Editor: Southern Africa to British Columbia	column	journalist	Sunday Argus	Jon van den Heever	Africa	35	life sciences	animals (wildlife)	no
Sunday Argus	Sunday 8 July 2007	Travel page 2	no	Footloose: Discovering the joys of hiking in the rain	column	journalist	Sunday Argus	Evelyn Holtzhausen	South Africa (Western Cape)	77	life sciences	environment and pollution	yes
Sunday Argus	Sunday 8 July 2007	Travel page 3 and 4	no	End of the road in southern Africa	article	journalist	Sunday Argus	Matthew Covarr	Africa	233	life sciences	environment and pollution	yes
Sunday Argus	Sunday 8 July 2007	Travel page 5 and 6	no	A wild miracle called Shamwari	article	journalist	Sunday Argus	Jon van den Heever	South Africa (Eastern Cape)	202	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 8 July 2007	Travel page 7	no	Winter in British Columbia	article	journalist	Sunday Argus	Lauren Kramer	America (North)	101	life sciences	animals (pets)	no
Sunday Argus	Sunday 15 July 2007	1	yes	Baby graveyard	article	journalist	Sunday Argus	Christelle Terreblanche	South Africa (Eastern Cape)	173	medicine and health	healthcare administration (Frere Hospital)	yes
Sunday Argus	Sunday 15 July 2007	2	no	Goose step	photograph	photographer	Sunday Argus	Enver Essop	South Africa (Western Cape)	2	life sciences	animals (birds)	no
Sunday Argus	Sunday 15 July 2007	2	no	Smugglers plundering SA heritage	article	journalist	Sunday Argus	Myrtle Ryan	South Africa (general)	100	life sciences	environment and pollution	yes
Sunday Argus	Sunday 15 July 2007	2	no	CapeNature staff 'fed up' over uncertainty	article	journalist	Sunday Argus	no name	South Africa (Western Cape)	100	life sciences	environment and pollution	no

Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 15 July 2007	4	no	Almost all wildlife slaughtered since 2001	article	journalist	Sunday Argus	Eleanor Momberg	Africa	58	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 15 July 2007	5	no	Measures taken after lions eat boy	article	journalist	Sunday Argus	Sheree Bega	South Africa (North West)	22	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 15 July 2007	5	no	Top golf course a dangerto early human habitat	article	journalist	Sunday Argus	Eleanor Momberg	South Africa (Western Cape)	181	earth sciences	palaeontology and archaeology	yes
Sunday Argus	Sunday 15 July 2007	9	no	You'll never lose the remote again	article	journalist	Foreign newspaper: Daily Mail	no name	Australasia	99	technology	other	yes
Sunday Argus	Sunday 15 July 2007	11	no	Tank takes out cell towers	article	journalist	News agency: Agence France-Presse (AFP)	no name	Australasia	51	technology	telecommunication	no
Sunday Argus	Sunday 15 July 2007	11	no	Charles's rotten veggies	article	journalist	Foreign newspaper: The Independent	no name	Europe (UK and Ireland)	31	life sciences	agriculture	yes
Sunday Argus	Sunday 15 July 2007	16	no	Why the Aussies are so damned good	article	journalist	Sunday Argus	Peter Fabricius	Australasia	298	medicine and health	other	yes
Sunday Argus	Sunday 15 July 2007	16	no	Doctors stole my twin - mom	article	journalist	News agency: Sapa	no name	America (Central and South)	34	medicine and health	other	no
Sunday Argus	Sunday 15 July 2007	17	no	Typhoon kills boy, injures 56 in Japan	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	20	earth sciences	meteorology	yes
Sunday Argus	Sunday 15 July 2007	18	no	Bobby on the beat gets head camera	article	journalist	News agency: Sapa	no name	Europe (UK and Ireland)	50	technology	other	no
Sunday Argus	Sunday 15 July 2007	19	no	Farm kids 'less prone to asthma'	article	journalist	News agency: Sapa	no name	Europe (other)	54	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 15 July 2007	21	no	Astounding wildlife pics go on show (with four photographs)	article	journalist	Sunday Argus	no name	South Africa (Western Cape)	77	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 15 July 2007	26	no	Muggle science is fast catching up with magic	article	journalist	Foreign newspaper: The Daily Telegraph	Roger Highfield	Europe (UK and Ireland)	224	physical sciences	physics	yes
Sunday Argus	Sunday 15 July 2007	29	no	IVF children significantly taller	article	journalist	News agency: Reuters	no name	Australasia	9	medicine and health	other	yes
Sunday Argus	Sunday 15 July 2007	29	no	Bike-powered PCs for refugees	article	journalist	News agency: Reuters	no name	Africa	73	technology	internet and email	yes

Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 15 July 2007	29	no	Laptop with bare basics for Third World	article	journalist	Foreign newspaper: Washington Post	Rob Pegorago	Africa	109	technology	computers	yes
Sunday Argus	Sunday 15 July 2007	29	no	The darker side of progress: the alarm clock	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	73	technology	other	yes
Sunday Argus	Sunday 15 July 2007	29	no	Final frontier: technology on a roll cut cost of toilet paper	article	journalist	News agency: Sapa	Greg Bluestein	America (North)	110	technology	other	yes
Sunday Argus	Sunday 15 July 2007	30	no	SPCA event to help Zim's abandoned pets	letter	scientist or specialist	n/a	Allan Perrins, Chief Executive Officer, Cape of Good Hope SPCA	South Africa (Western Cape)	40	life sciences	animals (pets)	no
Sunday Argus	Sunday 15 July 2007	31	no	Van Hunks: Up close and green	column	journalist	Sunday Argus	Van Hunks	South Africa (general)	13	earth sciences	climate change	yes
Sunday Argus	Sunday 15 July 2007	32	no	Health Watch: In our obsession with healthy living and weight loss, have we thrown the baby out with the bath water?	column	journalist	Foreign newspaper: The Daily Telegraph	no name	Europe (UK and Ireland)	29	medicine and health	nutrition	yes
Sunday Argus	Sunday 15 July 2007	The Good Week and page 10	no	Wake up and smell the fynbos	article	journalist	Sunday Argus	Robyn Cohen	South Africa (general)	172	earth sciences	climate change	yes
Sunday Argus	Sunday 15 July 2007	The Good Week and page 12	no	Winter ramble to a wreck	article	journalist	Sunday Argus	Tim Rolston	South Africa (Western Cape)	153	earth sciences	water	yes
Sunday Argus	Sunday 15 July 2007	Travel page 2	no	From the Editor: Travel Bolivian-style and South Island fun	column	journalist	Sunday Argus	Jon van den Heever	America (Central and South)	30	life sciences	environment and pollution	no

Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 15 July 2007	Travel page 4 and 5	no	Simply New Zealand	article	journalist	Sunday Argus	Rene Volchansky	Australasia	101	life sciences	environment and pollution	yes
Sunday Argus	Sunday 15 July 2007	Travel page 7	no	Editor's Choice: Tour through timeless Tunisia	article	journalist	Sunday Argus	no name	Africa	78	earth sciences	palaeontology and archaeology	yes
Sunday Argus	Sunday 22 July 2007	5	no	Manto to visit Eastern Cape 'crisis' hospital	article	journalist	Sunday Argus	Christelle Terreblanche and Annie Dorasamy	South Africa (Eastern Cape)	171	medicine and health	healthcare administration (Frere Hospital)	yes
Sunday Argus	Sunday 22 July 2007	6	no	Big mama	photograph	photographer	News agency: unnamed	no name	America (North)	2	life sciences	animals (wildlife)	no
Sunday Argus	Sunday 22 July 2007	6	no	Many ways to stop pests without poison	article	journalist	Sunday Argus	Sheree Bega	South Africa (general)	78	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 22 July 2007	6	no	Development, environment on crash course	article	journalist	Sunday Argus	Myrtle Ryan	South Africa (general)	93	life sciences	environment and pollution	yes
Sunday Argus	Sunday 22 July 2007	8	no	Frank, the new moon	article	journalist	News agency: Sapa	no name	Europe (other)	31	physical sciences	astronomy	yes
Sunday Argus	Sunday 22 July 2007	11	no	Radiation bothering birds and bees	article	journalist	Sunday Argus	Eleanor Momberg	South Africa (Gauteng)	67	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 22 July 2007	14	no	Probe into deadly dye in SA meat	article	journalist	Sunday Argus	Sheree Bega	South Africa (general)	32	medicine and health	food and product safety	yes
Sunday Argus	Sunday 22 July 2007	17	no	High and mighty	photograph	photographer	News agency: Associated Press (AP)	no name	Asia (Middle East and India)	3	life sciences	animals (wildlife)	no
Sunday Argus	Sunday 22 July 2007	17	no	Flood warnings issued as Britain swamped by torrential rains	article	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	30	earth sciences	meteorology	yes
Sunday Argus	Sunday 22 July 2007	18	no	SA part of new fishing body	article	journalist	News agency: Agence France-Presse (AFP)	no name	Africa	16	life sciences	animals (marine)	yes
Sunday Argus	Sunday 22 July 2007	20	no	Rugby fanaticism takes its toll on boys	article	journalist	Sunday Argus	Helen Grange	South Africa (Gauteng)	300	medicine and health	other	yes
Sunday Argus	Sunday 22 July 2007	20	no	School athletes most at risk of serious head injuries	article	journalist	News agency: Reuters	no name	America (North)	54	medicine and health	other	yes

Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 22 July 2007	21	no	How walking can help you take old age in your stride	article	journalist	News agency: Reuters	no name	Asia (Far East and Russia)	50	medicine and health	other	yes
Sunday Argus	Sunday 22 July 2007	21	no	Men over 50 draw the line at signs of ageing	article	journalist	Foreign newspaper: Daily Mail	Sam Greenhill	Europe (UK and Ireland)	87	medicine and health	other	yes
Sunday Argus	Sunday 22 July 2007	23	no	Big people must do more for continent	article	journalist	News agency: Sapa	no name	Africa	29	medicine and health	healthcare administration (other)	no
Sunday Argus	Sunday 22 July 2007	24	no	Most alarming brand in the world	article	journalist	Foreign newspaper: Washington Post	Joel Achenbach	Asia (Far East and Russia)	267	medicine and health	food and product safety	yes
Sunday Argus	Sunday 22 July 2007	24	no	Greenbox' promises cleaner exhaust fumes	article	journalist	News agency: Reuters	Michael Szabo	Europe (UK and Ireland)	61	earth sciences	climate change	yes
Sunday Argus	Sunday 22 July 2007	27	no	Van Hunks: ... and the bald	column	journalist	Sunday Argus	Van Hunks	South Africa (general)	25	medicine and health	other	no
Sunday Argus	Sunday 22 July 2007	27	no	Van Hunks: The way in...	column	journalist	Sunday Argus	Van Hunks	Asia (Middle East and India)	16	technology	other	yes
Sunday Argus	Sunday 22 July 2007	27	no	Van Hunks: The finished...	column	journalist	Sunday Argus	Van Hunks	America (North)	17	life sciences	genetics	yes
Sunday Argus	Sunday 22 July 2007	Classified page 1	no	Personality of the Week: The warm and trendy house that Ian built	column	journalist	Sunday Argus	Impti du Toit	South Africa (Western Cape)	97	physical sciences	energy (renewable)	yes
Sunday Argus	Sunday 22 July 2007	The Good Weekend page 7	no	Iran's virtual victory over US, Israel	article	journalist	News agency: Sapa	no name	Asia (Middle East and India)	48	physical sciences	energy (nuclear)	no
Sunday Argus	Sunday 22 July 2007	Travel page 2	no	From the Editor: Braveheart country and other delights	column	journalist	Sunday Argus	Jon van den Heever	Africa	40	life sciences	animals (wildlife)	no
Sunday Argus	Sunday 22 July 2007	Travel page 4	no	Dressage in Stellenbosch	article	journalist	Sunday Argus	no name	South Africa (Western Cape)	11	life sciences	animals (farm)	no

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Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 22 July 2007	Travel page 4 and 5	no	Discovering bliss in Crete	article	journalist	Sunday Argus	Robin Hammond	Europe (other)	210	earth sciences	palaeontology and archaeology	yes
Sunday Argus	Sunday 22 July 2007	Travel page 6 and 7	no	Beauty in Botswana	article	journalist	Sunday Argus	Dawn Garisch	Africa	67	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 29 July 2007	1	no	Swell weather	photograph	photographer	Sunday Argus	Sophia Stander	South Africa (Western Cape)	1	earth sciences	water	no
Sunday Argus	Sunday 29 July 2007	1	no	19 killed as fires ravage country	article	journalist	Sunday Argus	Myrtle Ryan and Eleanor Momberg	South Africa (general)	48	life sciences	environment and pollution	yes
Sunday Argus	Sunday 29 July 2007	4	no	Emergency relief extended	article	journalist	Sunday Argus	Clayton Barnes	South Africa (Western Cape)	67	earth sciences	meteorology	yes
Sunday Argus	Sunday 29 July 2007	10	no	Everest road is put on hold by Tibet	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	42	life sciences	environment and pollution	yes
Sunday Argus	Sunday 29 July 2007	11	no	Blooming wicked flower thief	article	journalist	Foreign newspaper: Daily Mail	no name	Europe (UK and Ireland)	34	life sciences	plants	yes
Sunday Argus	Sunday 29 July 2007	12	no	Cosatu seeks probe into baby deaths at Frere Hospital	article	journalist	Sunday Argus	Christelle Terreblanche	South Africa (Eastern Cape)	126	medicine and health	healthcare administration (Frere Hospital)	yes
Sunday Argus	Sunday 29 July 2007	12	no	2 jailed for rhino poaching	article	journalist	Sunday Argus	no name	South Africa (Free State)	13	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 29 July 2007	14	no	Judgment reserved as German farmers fight land order	article	journalist	News agency: Sapa	no name	Africa	80	life sciences	agriculture	no
Sunday Argus	Sunday 29 July 2007	14	no	Cheap kit to test crops for toxic chemical	article	journalist	News agency: Reuters	no name	Africa	47	life sciences	agriculture	yes
Sunday Argus	Sunday 29 July 2007	14	no	Culling only increases Namibian seal population	article	journalist	Sunday Argus	Eleanor Momberg	Africa	138	life sciences	animals (marine)	yes
Sunday Argus	Sunday 29 July 2007	16	no	No mealie meal in Bulawayo as nation starves	article	journalist	Sunday Argus	Peta Thornycroft	Africa	118	life sciences	agriculture	yes

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Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 29 July 2007	16	no	Zambia breaks new ground with maize donataion to WFP	article	journalist	Sunday Argus	Hans Pienaar	Africa	150	life sciences	agriculture	yes
Sunday Argus	Sunday 29 July 2007	17	no	HIV feeding scheme a formula for disaster	article	journalist	Foreign newspaper: Washington Post	Craig Timberg	Africa	263	medicine and health	Aids	yes
Sunday Argus	Sunday 29 July 2007	17	no	Now I know we are all going to die'	article	scientist or specialist	Sunday Argus	Mike Seneka, Sabelo Zondo and Suzanne LeClerc-Madala (recipients of the HIV/Aids and Media Fellowship of the Perinatal HIV Research Unit and the Journalism Programme at Wits University)	South Africa (general)	121	medicine and health	Aids	yes
Sunday Argus	Sunday 29 July 2007	17	no	BBC launches free online TV service	article	journalist	News agency: Reuters	no name	Europe (UK and Ireland)	54	technology	internet and email	yes
Sunday Argus	Sunday 29 July 2007	18	no	The daily lifesaving superpill for men over 50	article	journalist	Foreign newspaper: Daily Mail	Fiona Macrae	Europe (UK and Ireland)	118	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 29 July 2007	18	no	Nasa's orbiting drunks face probe	article	journalist	News agency: Agence France-Presse (AFP)	no name	America (North)	63	physical sciences	astronomy	yes
Sunday Argus	Sunday 29 July 2007	23	no	Waves of huge delight	article	journalist	Sunday Argus	Clayton Barnes	South Africa (Western Cape)	98	earth sciences	water	yes
Sunday Argus	Sunday 29 July 2007	24	no	Daunting task of DRC wildlife rangers	article	journalist	Foreign newspaper: Washington Post	Stephanie McCrummen	Africa	161	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 29 July 2007	24	no	Jail time for couple smuggling tortoises	article	journalist	News agency: Sapa	no name	Africa	46	life sciences	animals (wildlife)	yes
Sunday Argus	Sunday 29 July 2007	27	no	Back to our roots for powerful new muti	article	journalist	Sunday Argus	Michael Schmidt	South Africa (general)	202	life sciences	plants	yes

Appendix F: Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 29 July 2007	27	no	Hoodwinked by hoodia mania	article	journalist	Sunday Argus	Michael Schmidt	South Africa (general)	88	science and beliefs	pseudoscience and superstitions	yes
Sunday Argus	Sunday 29 July 2007	29	no	Are world's sharks being hunted to extinction?	article	journalist	Foreign newspaper: Washington Post	Juliet Eilperin	Europe (other)	180	life sciences	animals (marine)	yes
Sunday Argus	Sunday 29 July 2007	33	no	Eating disorders can happen in middle age too	article	journalist	News agency: Sapa	no name	America (North)	102	medicine and health	mental health	yes
Sunday Argus	Sunday 29 July 2007	36	no	Health Watch: US veterans, exposed to the defoliant Agent Orange	column	journalist	News agency: unnamed	no name	America (North)	4	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 29 July 2007	36	no	Health Watch: Uncircumcised men receive no more sexual sensation	column	journalist	News agency: unnamed	no name	America (North)	3	medicine and health	other	yes
Sunday Argus	Sunday 29 July 2007	36	no	Health Watch: The first new vaccine against tuberculosis	column	journalist	News agency: unnamed	no name	South Africa (general)	5	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 29 July 2007	36	no	Health Watch: People who suffer from writer's cramp appear to have structural abnormalities in the cerebellum	column	journalist	News agency: unnamed	no name	Europe (UK and Ireland)	13	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 29 July 2007	36	no	Health Watch: People who are allergic to cats	column	journalist	News agency: unnamed	no name	Europe (other)	5	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 29 July 2007	36	no	Health Watch: Nurses are roughly twice as likely as people in other jobs to develop asthma	column	journalist	News agency: unnamed	no name	America (North)	3	medicine and health	diseases and treatment	yes
Sunday Argus	Sunday 29 July 2007	The Good Week and page 10	no	The lighthouse at land's end	article	journalist	Sunday Argus	Tim Rolston	South Africa (Western Cape)	105	earth sciences	water	yes

**Appendix F:** Science coverage data for the *Sunday Argus* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Sunday Argus	Sunday 29 July 2007	Travel page 1	no	Seychelles: Island spice	photograph	photographer	Other: Seychelles Tourism Marketing Authority	Angelo Cavalli	Africa	2	life sciences	environment and pollution	no
Sunday Argus	Sunday 29 July 2007	Travel page 2	no	From the Editor: End of an era	column	journalist	Sunday Argus	Jon van den Heever	Africa	32	life sciences	environment and pollution	no
Sunday Argus	Sunday 29 July 2007	Travel page 3 and 4	no	The lure of the spice trade	article	journalist	Sunday Argus	Graham Howe	Africa	189	life sciences	agriculture	yes
Sunday Argus	Sunday 29 July 2007	Travel page 5	no	Clanwilliam flowers on show	article	journalist	Sunday Argus	no name	South Africa (Western Cape)	67	life sciences	plants	no
Sunday Argus	Sunday 29 July 2007	Travel page 8	no	Let your friends do the walking	article	journalist	Sunday Argus	no	Europe (other)	27	technology	internet and email	yes

## **Appendix G:**

Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)



Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 2 June 2007	1	yes	Onnies staak in hul duiende	article	journalist	Saturday Burger	Diana-Marié Strydom, Ilse Fredericks, Llewellyn Prince and Leon-Ben Lamprecht	South Africa (Western Cape)	92	medicine and health	hospital strike	no
Die Burger (Saterdag)	Saturday 2 June 2007	2	no	Ontdekker se genoom gekarteer	article	journalist	Saturday Burger	Elsabé Brits	America (North)	64	life sciences	genetics	yes
Die Burger (Saterdag)	Saturday 2 June 2007	2	no	Staking "raak nie Kaap se bloedbanke"	article	journalist	Saturday Burger	Samarie Smith	South Africa (Western Cape)	71	medicine and health	hospital strike	yes
Die Burger (Saterdag)	Saturday 2 June 2007	2	no	Dit is die feite	column	journalist	Saturday Burger	George Claassen	South Africa (Western Cape)	35	physical sciences	mathematics	yes
Die Burger (Saterdag)	Saturday 2 June 2007	4	no	PetroSA help krisis afweer	article	journalist	Saturday Burger	Samarie Smith	South Africa (Western Cape)	58	physical sciences	energy (oil and gas)	yes
Die Burger (Saterdag)	Saturday 2 June 2007	5	no	Spierdistrofie-lyer se droom bewaarheid	article	journalist	Saturday Burger	Lara Atson	South Africa (Western Cape)	34	medicine and health	diseases and treatments	no
Die Burger (Saterdag)	Saturday 2 June 2007	5	no	Voortreflike teologiese werke bekroon	article	journalist	Saturday Burger	Arnold Ras	South Africa (Western Cape)	47	science and beliefs	science and religion	no
Die Burger (Saterdag)	Saturday 2 June 2007	8	no	Gesondheidsorg "beter as in 1994"	article	journalist	Saturday Burger	Fanie van Rooyen	South Africa (general)	89	medicine and health	healthcare administration (other)	no
Die Burger (Saterdag)	Saturday 2 June 2007	8	no	Soek jou beste vriend in die koerant	article	journalist	Saturday Burger	no name	South Africa (Western Cape)	56	life sciences	animals (pets)	no
Die Burger (Saterdag)	Saturday 2 June 2007	9	no	Walvisjag bly onwettig	article	journalist	Saturday Burger	Elise Tempelhoff	Asia (Far East and Russia)	136	life sciences	animals (marine)	yes
Die Burger (Saterdag)	Saturday 2 June 2007	9	no	Nierskenk-program 'n klug	article	journalist	Saturday Burger	Danel Blaauw	Europe (other)	55	medicine and health	other	no
Die Burger (Saterdag)	Saturday 2 June 2007	9	no	Seksuele gedrag in SA riskanter	article	journalist	Saturday Burger	Fanie van Rooyen	South Africa (general)	59	medicine and health	Aids	yes

Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 2 June 2007	13	no	Leukemie vlam weer op by Taute	article	journalist	Saturday Burger	Leandra de Waal	South Africa (Western Cape)	55	medicine and health	diseases and treatments	yes
Die Burger (Saterdag)	Saturday 2 June 2007	18	no	Troeteldiere	editorial comment	journalist	Saturday Burger	Henry Jeffreys (Die Burger Editor)	South Africa (Western Cape)	34	life sciences	animals (pets)	no
Die Burger (Saterdag)	Saturday 2 June 2007	19	no	Wetenskap Vandag: Die wereld volgens fisika se vlieende sirkus	column	scientist or specialist	Saturday Burger	Hendrik Geyer, professor in theoretical physics at Stellenbosch University	America (North)	176	physical sciences	physics	yes
Die Burger (Saterdag)	Saturday 2 June 2007	19	no	Ander werkers word benadeel	letter	public	n/a	Gefrustreerd, Overberg	South Africa (Western Cape)	37	life sciences	agriculture	no
Die Burger (Saterdag)	Saturday 2 June 2007	19	no	Dinosourusse wel oud	letter	public	n/a	LW Retief, Bellville; JJ van den Heever, Stillebosch	South Africa (Western Cape)	50	earth sciences	palaeontology and archaeology	yes
Die Burger (Saterdag)	Saturday 2 June 2007	19	no	Sagte weefsel bly behoue	letter	public	n/a	Chris Theron, Oranjezicht	South Africa (Western Cape)	43	earth sciences	palaeontology and archaeology	yes
Die Burger (Saterdag)	Saturday 2 June 2007	By page 7	no	Kaalkuis: Voelvry op die internet	column	journalist	Saturday Burger	Deon Maas	South Africa (general)	184	technology	internet and email	no
Die Burger (Saterdag)	Saturday 2 June 2007	By page 8 and 9	no	Weerloos teen die boelie-blogger	article	journalist	Saturday Burger	Marida Fitzpatrick	South Africa (general)	408	technology	internet and email	no
Die Burger (Saterdag)	Saturday 2 June 2007	By page 10 and 11	no	Pille by dosyne: 'n Gebalanseerde dieet beter as hande vol antioksidante	article	journalist	Saturday Burger	Elsabé Brits	South Africa (general)	265	medicine and health	nutrition	yes
Die Burger (Saterdag)	Saturday 2 June 2007	By page 10 and 11	no	Hoeveel is te veel?	article	journalist	Saturday Burger	Elsabé Brits	South Africa (general)	76	medicine and health	nutrition	yes

Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 2 June 2007	By page 10 and 11	no	Moet 'n mens voedsel aanvullers neem?	article	journalist	Saturday Burger	Elsabé Brits	South Africa (general)	28	medicine and health	nutrition	yes
Die Burger (Saterdag)	Saturday 2 June 2007	By page 10 and 11	no	Wat doen vry radikale?	article	scientist or specialist	Saturday Burger	Prof Wentzel Gelderbloem and Ma Hester Burger	South Africa (general)	95	medicine and health	nutrition	yes
Die Burger (Saterdag)	Saturday 2 June 2007	By page 17	no	Anti-evolusie-siening saai nie verdeeldheid	letter	public	n/a	Francois du Preez, Strand	South Africa (Western Cape)	33	science and beliefs	science and religion	no
Die Burger (Saterdag)	Saturday 2 June 2007	By page 17	no	Twee oplossings vir energieprobleem	letter	public	n/a	Koos Holtzhausen, Stellenbosch	South Africa (Western Cape)	50	physical sciences	energy (nuclear)	yes
Die Burger (Saterdag)	Saturday 2 June 2007	By page 19	no	Aktueel: Kelners in Suid-Afrika	column	journalist	Saturday Burger	no name	South Africa (general)	7	medicine and health	diseases and treatments	yes
Die Burger (Saterdag)	Saturday 2 June 2007	By page 19	no	Aktueel: Die inheemse klipspringers	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	7	life sciences	animals (wildlife)	yes
Die Burger (Saterdag)	Saturday 2 June 2007	By page 19	no	Aktueel: Suid-Afrika het nou 19 vleilande	column	journalist	Saturday Burger	no name	South Africa (general)	7	life sciences	environment and pollution	yes
Die Burger (Saterdag)	Saturday 2 June 2007	By page 19	no	Aktueel: 'n Lid van Brittanje se koninklike wag	article	journalist	Foreign newspaper: The Sun	no name	Europe (UK and Ireland)	7	life sciences	animals (farm)	no
Die Burger (Saterdag)	Saturday 2 June 2007	By page 20	no	Omgewing: Klimaatsekkomelings kan die mens	column	journalist	Saturday Burger	no name	Africa	12	earth sciences	climate change	yes
Die Burger (Saterdag)	Saturday 2 June 2007	By page 20	no	Omgewing: Suid-Afrika se buurlande beywer hulle vir die hervatting van handel in voor	column	journalist	Saturday Burger	no name	Africa	6	life sciences	animals (wildlife)	no
Die Burger (Saterdag)	Saturday 2 June 2007	By page 20	no	Omgewing: Eskom se ondanks vroeëre versekerings	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	6	physical sciences	energy (nuclear)	no

Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 2 June 2007	By page 20	no	Gesondheid: 'n Stellenbosse student	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	10	medicine and health	diseases and treatments	no
Die Burger (Saterdag)	Saturday 2 June 2007	By page 20	no	Gesondheid: 'n Agtienjarige het in die Brooklyn-bors-hospitaal	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	7	medicine and health	diseases and treatments	no
Die Burger (Saterdag)	Saturday 2 June 2007	By page 20	no	Gesondheid: Die Suid-Afrikaanse openbare gesondheidssektor	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	7	medicine and health	healthcare administration (other)	no
Die Burger (Saterdag)	Saturday 2 June 2007	By page 55	no	Klein B: Skoon water is noodsaaklik vir lewe	article	journalist	Saturday Burger	no name	South Africa (general)	128	earth sciences	water	yes
Die Burger (Saterdag)	Saturday 2 June 2007	By page 56	no	Klein B: Smeltende ys 'n warm onderwerp	article	journalist	Saturday Burger	no name	South Africa (general)	39	earth sciences	climate change	yes
Die Burger (Saterdag)	Saturday 2 June 2007	By page 56	no	Klein B: Doen jou deel vir die omgewing	article	journalist	Saturday Burger	no name	South Africa (general)	34	life sciences	environment and pollution	yes
Die Burger (Saterdag)	Saturday 9 June 2007	1	yes	Rampbestuur gereed	article	journalist	Saturday Burger	Arnold Ras and Cherice Smith	South Africa (Western Cape)	83	earth sciences	meteorology	yes
Die Burger (Saterdag)	Saturday 9 June 2007	1	no	Stakers saai chaos in hospitaal	photograph	photographer	Saturday Burger	Edrea Cloete	South Africa (Western Cape)	4	medicine and health	hospital strike	no
Die Burger (Saterdag)	Saturday 9 June 2007	2	no	Meer as 2 600 oor staking ontplooi	article	journalist	Saturday Burger	Virginia Keppler	South Africa (general)	56	medicine and health	hospital strike	no
Die Burger (Saterdag)	Saturday 9 June 2007	2	no	Staatsdiens op sy kniee gedwing	article	journalist	Saturday Burger	Ilse Fredericks, Una Cupido and Lara Atson	South Africa (Western Cape)	115	medicine and health	hospital strike	yes
Die Burger (Saterdag)	Saturday 9 June 2007	3	no	Agtergrond: Koerant beur teen digitale gety	column	journalist	Saturday Burger	Jannie Ferreira	Africa	63	technology	internet and email	no
Die Burger (Saterdag)	Saturday 9 June 2007	4	no	Gouda oorstroom soos lank gelede	article	journalist	Saturday Burger	Jackie Pienaar	South Africa (Western Cape)	80	earth sciences	water	yes
Die Burger (Saterdag)	Saturday 9 June 2007	5	no	Balju se inwoners kan nog naweek op Ertjieskloof bly	article	journalist	Saturday Burger	Eugene Gunning	South Africa (Western Cape)	64	life sciences	agriculture	no

Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 9 June 2007	6	no	MultiChoice vra dat almal mag uitsaai	article	journalist	Saturday Burger	Liesl Pretorius	South Africa (Gauteng)	100	technology	telecommunication	yes
Die Burger (Saterdag)	Saturday 9 June 2007	8	no	SA se 'groen soldate' vir omgewingswerk vereer	article	journalist	Saturday Burger	Lara Atson	South Africa (Western Cape)	54	life sciences	environment and pollution	yes
Die Burger (Saterdag)	Saturday 9 June 2007	9	no	Liggpunte' gee hoop in vigsstryd	article	journalist	Saturday Burger	Diana-Marié Strydom	South Africa (KwaZulu-Natal)	101	medicine and health	Aids	yes
Die Burger (Saterdag)	Saturday 9 June 2007	9	no	Tugstaple kan by Medi-Clinic kom oor personeelid met TB	article	journalist	Saturday Burger	Malani Venter	South Africa (Western Cape)	67	medicine and health	diseases and treatments	yes
Die Burger (Saterdag)	Saturday 9 June 2007	11	no	Watermood kan tot konflik in Afrika lei	article	journalist	Saturday Burger	Elsabé Brits	Africa	111	earth sciences	climate change	yes
Die Burger (Saterdag)	Saturday 9 June 2007	11	no	Geen water meer	photograph	photographer	News agency: Reuters	no name	Asia (Middle East and India)	2	earth sciences	water	no
Die Burger (Saterdag)	Saturday 9 June 2007	11	no	Aksieplan vir klimaat in die Wes-Kaap	article	journalist	Saturday Burger	Elsabé Brits	South Africa (Western Cape)	56	earth sciences	climate change	yes
Die Burger (Saterdag)	Saturday 9 June 2007	13	no	Deja-vu' bied mediese deurbraak	article	journalist	News agency: Reuters	no name	America (North)	88	medicine and health	other	yes
Die Burger (Saterdag)	Saturday 9 June 2007	13	no	Verband tussen siektes getoon	article	journalist	Saturday Burger	Elsabé Brits	America (North)	86	life sciences	genetics	yes
Die Burger (Saterdag)	Saturday 9 June 2007	18	no	Spot	editorial comment	journalist	Saturday Burger	Henry Jeffreys (Die Burger Editor)	Europe (other)	38	medicine and health	other	no
Die Burger (Saterdag)	Saturday 9 June 2007	19	no	Wetenskap Vandag: Nanotegnologie bring hoop vir energiekrisis	column	scientist or specialist	Saturday Burger	Marinus Wijnbeek voormalige (wetenskap- en tegnologiekorrespondent van die SAUK en aanbieder van die program Brandkluis. Hy het vroeër in die natuurwetenskappe gestudeer en gedoseer.)	Europe (other)	156	physical sciences	physics	yes

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Die Burger (Saterdag)	Saturday 9 June 2007	19	no	Planne oor klimaat welkom	letter	scientist or specialist	n/a	Dr Sue Taylor, Programbestuurder: klimaatsverandering, WWF-SA, Stellenbosch	South Africa (Western Cape)	41	earth sciences	climate change	no
Die Burger (Saterdag)	Saturday 9 June 2007	19	no	Plan vir perlemoen te laat	letter	public	n/a	Halotis Midea, Welgemoed	South Africa (Western Cape)	41	life sciences	animals (marine)	no
Die Burger (Saterdag)	Saturday 9 June 2007	By page 2	no	Moenie sommer namens 'ons' oor balans skryf	letter	public	n/a	Vos Pienaar, Saldanha	South Africa (Western Cape)	9	science and beliefs	science and religion	no
Die Burger (Saterdag)	Saturday 9 June 2007	By page 12	no	Bladwyser: Kuns in kern van menslike	column	journalist	Saturday Burger	Gerrit Brand	South Africa (Western Cape)	228	science and beliefs	science and religion	yes
Die Burger (Saterdag)	Saturday 9 June 2007	By page 17	no	Aktueel: Die Kaapse stadsraad	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	6	life sciences	environment and pollution	no
Die Burger (Saterdag)	Saturday 9 June 2007	By page 17	no	Aktueel: Onwettige voor verlaat Suid-Afrika	column	journalist	Saturday Burger	no name	South Africa (Gauteng)	5	life sciences	animals (wildlife)	no
Die Burger (Saterdag)	Saturday 9 June 2007	By page 18	no	G8: Global Warming	cartoon	cartoonist	Local newspaper: Cape Times	Zapiro	Europe (other)	none	earth sciences	climate change	no
Die Burger (Saterdag)	Saturday 9 June 2007	By page 18	no	Omgewing: Die kanse raak al hoe groter	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	13	life sciences	animals (marine)	yes
Die Burger (Saterdag)	Saturday 9 June 2007	By page 18	no	Omgewing: Nuwe DNS-navorsing toon dat daar vyf olifant-koeie	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	11	life sciences	animals (wildlife)	yes
Die Burger (Saterdag)	Saturday 9 June 2007	By page 18	no	Gesondheid: Suid-Afrika se minister van gesondheid	column	journalist	Saturday Burger	no name	South Africa (KwaZulu-Natal)	13	medicine and health	Aids	no
Die Burger (Saterdag)	Saturday 9 June 2007	By page 18	no	Gesondheid: Al een miljoen babas wat jaarliks in Suid-Afrika gebore word	column	journalist	Saturday Burger	no name	South Africa (general)	11	medicine and health	Aids	yes

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Die Burger (Saterdag)	Saturday 9 June 2007	By page 55	no	Klein B: Gesonde gebruike teen winterkoue	article	journalist	Saturday Burger	no name	South Africa (general)	114	medicine and health	nutrition	yes
Die Burger (Saterdag)	Saturday 9 June 2007	By page 56	no	Klein B: Fikse kinders is gesonde kinders	article	journalist	Saturday Burger	no name	South Africa (general)	90	medicine and health	other	no
Die Burger (Saterdag)	Saturday 16 June 2007	1	no	Polisie keer spokvet padvark aan na chaos op R300	article	journalist	Saturday Burger	Marius Louw	South Africa (Western Cape)	50	life sciences	animals (farm)	no
Die Burger (Saterdag)	Saturday 16 June 2007	2	no	TAC dringend in hof oor afdankings	article	journalist	Saturday Burger	Marius Louw	South Africa (Western Cape)	88	medicine and health	hospital strike	yes
Die Burger (Saterdag)	Saturday 16 June 2007	2	no	Dit is die feite	column	journalist	Saturday Burger	George Claassen	South Africa (Western Cape)	25	physical sciences	mathematics	no
Die Burger (Saterdag)	Saturday 16 June 2007	5	no	Tegeniese fout' ontwig set-netwerk	article	journalist	Saturday Burger	Carryn-Ann Nel	South Africa (general)	29	technology	telecommunication	yes
Die Burger (Saterdag)	Saturday 16 June 2007	8	no	Vroue in kraam 'huis toe gestuur'	article	journalist	Saturday Burger	Diana-Marié Strydom	South Africa (Western Cape)	102	medicine and health	healthcare administration (malpractice)	yes
Die Burger (Saterdag)	Saturday 16 June 2007	8	no	Ertjiesklowers met tweede keer trek in 4 dae	article	journalist	Saturday Burger	Eugene Gunning	South Africa (Western Cape)	61	life sciences	agriculture	no
Die Burger (Saterdag)	Saturday 16 June 2007	10	no	Pienkie is haar eerste maatjie in agt maande	article	journalist	Saturday Burger	Samarie Smith	South Africa (Western Cape)	62	medicine and health	diseases and treatments	yes
Die Burger (Saterdag)	Saturday 16 June 2007	13	no	Tikmonster takel dwelmgebruikers fisiek en geestelik af	article	journalist	Saturday Burger	Michele O'Connor	South Africa (Western Cape)	89	medicine and health	other	yes
Die Burger (Saterdag)	Saturday 16 June 2007	16	no	Ontbossing in Afrika moet gestuit word	article	journalist	Saturday Burger	Jorisna Bonthuys	Africa	134	life sciences	environment and pollution	yes
Die Burger (Saterdag)	Saturday 16 June 2007	16	no	Root planeet was eers blou, toon nuwe studie	article	journalist	Saturday Burger	Elisabé Brits	America (North)	45	physical sciences	astronomy	yes
Die Burger (Saterdag)	Saturday 16 June 2007	16	no	Proefbuis' veel dunner as menshaar	article	journalist	Saturday Burger	Elisabé Brits	America (North)	43	physical sciences	chemistry	yes
Die Burger (Saterdag)	Saturday 16 June 2007	16	no	Pluto deur Eris verdwerg	article	journalist	Saturday Burger	Elisabé Brits	America (North)	48	physical sciences	astronomy	yes

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Die Burger (Saterdag)	Saturday 16 June 2007	18	no	Staking 'n skande vir land	letter	public	n/a	Anoniem, Saldanha	South Africa (general)	20	medicine and health	hospital strike	no
Die Burger (Saterdag)	Saturday 16 June 2007	19	no	Kaap kook binnekort	letter	scientist or specialist	n/a	Dr Johan Steenkamp, Temboerskloof	South Africa (Western Cape)	30	physical sciences	mathematics	yes
Die Burger (Saterdag)	Saturday 16 June 2007	19	no	Wetenskap Vandag: SA jeug en die effek van geweld op die skerm	column	scientist or specialist	Saturday Burger	Leon Retief (woon en werk in Bellville)	Europe (UK and Ireland)	176	medicine and health	mental health	yes
Die Burger (Saterdag)	Saturday 16 June 2007	By page 2	no	Die meeste lesers is dops na die waarheid	letter	public	n/a	Phillip Slabber, Vredenburg	South Africa (Western Cape)	40	science and beliefs	science and religion	no
Die Burger (Saterdag)	Saturday 16 June 2007	By page 16	no	WereldPerspektief: Kernarsenale hoort boaan Bush-agenda	column	journalist	Foreign newspaper: The New York Times	no name	Asia (Far East and Russia)	23	physical sciences	energy (nuclear)	no
Die Burger (Saterdag)	Saturday 16 June 2007	By page 17	no	Strate van water	photograph	photographer	News agency: Reuters	no name	Asia (Far East and Russia)	11	earth sciences	meteorology	no
Die Burger (Saterdag)	Saturday 16 June 2007	By page 17	no	Aktueel: Groot skade is verlede naweek deur stortreën	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	6	earth sciences	meteorology	yes
Die Burger (Saterdag)	Saturday 16 June 2007	By page 17	no	Aktueel: 'n Nuwe forum gaan in die Wes-Kaap, waar fetale-alkohol-sindroom	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	5	medicine and health	diseases and treatments	no
Die Burger (Saterdag)	Saturday 16 June 2007	By page 17	no	Aktueel: Die toename in die smokkel van dwelms, seerowery en die stroop van die seebronne	column	journalist	Saturday Burger	no name	Africa	8	life sciences	environment and pollution	no
Die Burger (Saterdag)	Saturday 16 June 2007	By page 18	no	G8: Recycling: Well, we did our bit to save the planet	cartoon	cartoonist	Local newspaper: Cape Times	Zapiro	Europe (other)	none	earth sciences	climate change	no

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Die Burger (Saterdag)	Saturday 16 June 2007	By page 18	no	Omgewing: Narvorsers krap kop oor die redes vir die grootskaalse veranderings wat oenskynlik in die Benguela-seestroom onderweg is	column	journalist	Saturday Burger	no name	Africa	11	earth sciences	water	yes
Die Burger (Saterdag)	Saturday 16 June 2007	By page 18	no	Omgewing: Ontbossing en die aanle van padnetwerke plaas Afrika se woude toenemend onder druk	column	journalist	Saturday Burger	no name	Africa	13	life sciences	environment and pollution	yes
Die Burger (Saterdag)	Saturday 16 June 2007	By page 18	no	Gesondheid: Die manier waarop die mensdom die funksionering van die menslike genoom verstaan	column	journalist	Saturday Burger	no name	America (North)	12	life sciences	genetics	yes
Die Burger (Saterdag)	Saturday 16 June 2007	By page 18	no	Gesondheid: 'n Onlangse opname onder swanger vroue dui aan dat die regering se MIV-voorkomingsprogram veral onder jong vroue begin werk	column	journalist	Saturday Burger	no name	South Africa (general)	12	medicine and health	Aids	yes
Die Burger (Saterdag)	Saturday 23 June 2007	2	no	Stakings-hofgeding is 'nuwe veld' vir regter	article	journalist	Saturday Burger	Diana-Marié Strydom	South Africa (Western Cape)	82	medicine and health	hospital strike	no
Die Burger (Saterdag)	Saturday 23 June 2007	4	no	Koue terug na week van sonskyn	article	journalist	Saturday Burger	Cherice Smith	South Africa (Western Cape)	80	earth sciences	meteorology	yes
Die Burger (Saterdag)	Saturday 23 June 2007	5	no	Bush se krag	photograph	photographer	News agency: Reuters	no name	America (North)	2	physical sciences	energy (nuclear)	no
Die Burger (Saterdag)	Saturday 23 June 2007	8	no	Groen lig vir omstrede selfoon-wet	article	journalist	Saturday Burger	Jan-Jan Joubert	South Africa (general)	87	technology	telecommunication	no
Die Burger (Saterdag)	Saturday 23 June 2007	8	no	Hof bevind verpleeglui kort riglyne oor aborsie-plig	article	journalist	Saturday Burger	Magdel Fourie	South Africa (general)	55	medicine and health	other	no
Die Burger (Saterdag)	Saturday 23 June 2007	9	no	Soldate bring MIV na Suider-Afrika	article	journalist	Saturday Burger	Erika Gibson	Africa	90	medicine and health	Aids	yes

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Die Burger (Saterdag)	Saturday 23 June 2007	9	no	Oervirus speel straks rol in mens se MIV-kwesbaarheid	article	journalist	Saturday Burger	Elsabé Brits	America (North)	76	life sciences	genetics	yes
Die Burger (Saterdag)	Saturday 23 June 2007	9	no	Die laaste strooi	photograph	photographer	News agency: Reuters	no name	Asia (Far East and Russia)	1	life sciences	animals (farm)	no
Die Burger (Saterdag)	Saturday 23 June 2007	9	no	Sifilis lei dalk tot Hitler se volksmoord	article	journalist	Saturday Burger	Joylene van Wyk	Europe (other)	76	medicine and health	diseases and treatments	yes
Die Burger (Saterdag)	Saturday 23 June 2007	15	no	Tierplesier	photograph	photographer	News agency: Reuters	no name	Asia (Far East and Russia)	2	life sciences	animals (wildlife)	no
Die Burger (Saterdag)	Saturday 23 June 2007	15	no	Nuwe plan kom teen besoedeling in Kaapstad	article	journalist	Saturday Burger	Eugene Gunning	South Africa (Western Cape)	51	life sciences	environment and pollution	yes
Die Burger (Saterdag)	Saturday 23 June 2007	15	no	Gorillas se 'servette' help spoorshyvers	article	journalist	Saturday Burger	Joylene van Wyk	Europe (UK and Ireland)	37	life sciences	animals (wildlife)	yes
Die Burger (Saterdag)	Saturday 23 June 2007	16	no	Groentjie gaan onder graspolle loer	article	journalist	Saturday Burger	Leon-Ben Lamprecht	South Africa (general)	60	life sciences	environment and pollution	no
Die Burger (Saterdag)	Saturday 23 June 2007	19	no	Wetenskap Vandag: Kleine Selam leef voort in kollektiewe geheue	column	scientist or specialist	Saturday Burger	Dr Jurie van den Heever (paleontoloog in die departement plant-en-dierkunde aan die Universiteit Stellenbosch.)	Africa	176	earth sciences	palaeontology and archaeology	yes
Die Burger (Saterdag)	Saturday 23 June 2007	19	no	Vrae oor bewaringshoof Gebalanseerde beriggewing stel altyd albei kante	letter	public	n/a	Charl Adams, Edgemoor	South Africa (Western Cape)	26	life sciences	environment and pollution	no
Die Burger (Saterdag)	Saturday 23 June 2007	By page 2	no	Intrapslag: So uit soos Luke Watson op Ventersdorp: Aardverhitting	letter	scientist or specialist	n/a	Dr Bernhard Ficker, Somerset-Wes	South Africa (Western Cape)	31	science and beliefs	science and religion	yes
Die Burger (Saterdag)	Saturday 23 June 2007	By page 4	no	Intrapslag: So uit soos Luke Watson op Ventersdorp: Aardverhitting	column	journalist	Saturday Burger	Max du Preez	South Africa (general)	77	earth sciences	climate change	yes

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Die Burger (Saterdag)	Saturday 23 June 2007	By page 7	no	Skoppensboer: Richard Rorty 1931-2007: Die filosoof wat 'te veel Heidegger gelees het'	article	scientist or specialist	Saturday Burger	Prof Anton van Niekerk (die voorsitter van die departement Filosofie aan die Universiteit van Stellenbosch)	America (North)	234	science and beliefs	science and religion	yes
Die Burger (Saterdag)	Saturday 23 June 2007	By page 8	no	Bysaak: Gee my 'n iPod, beer & Facebook	article	journalist	Saturday Burger	Marius Visser	South Africa (general)	245	technology	internet and email	yes
Die Burger (Saterdag)	Saturday 23 June 2007	By page 9	no	Bysaak: 'n Vervanging van die sosiale?	article	journalist	Saturday Burger	Loftus Marais	South Africa (general)	221	technology	internet and email	no
Die Burger (Saterdag)	Saturday 23 June 2007	By page 14	no	Tokkelos net vir die wat blindelings glo?	article	journalist	Saturday Burger	Le Roux Schoeman	South Africa (Western Cape)	151	science and beliefs	pseudoscience and superstition	yes
Die Burger (Saterdag)	Saturday 23 June 2007	By page 16	no	WêreldPerspektief: Sal Ghana vloek van olie kan systap?	column	journalist	News agency: Reuters	Orla Ryan	Africa	24	earth sciences	geology	no
Die Burger (Saterdag)	Saturday 23 June 2007	By page 16	no	WêreldPerspektief: Indie durf nie verslap in stryd teen Vigs	column	journalist	Foreign newspaper: Hindustan Times	no name	Asia (Middle East and India)	24	medicine and health	Aids	yes
Die Burger (Saterdag)	Saturday 23 June 2007	By page 16	no	WêreldPerspektief: VSA besig om die mantel oor te gee	column	journalist	Foreign newspaper: The Boston Globe	no name	Asia (Far East and Russia)	24	earth sciences	climate change	yes
Die Burger (Saterdag)	Saturday 23 June 2007	By page 17	no	Son op sy verste	photograph	photographer	News agency: Reuters	no name	Europe (UK and Ireland)	11	physical sciences	astronomy	no
Die Burger (Saterdag)	Saturday 23 June 2007	By page 18	no	Omgewing: Omgewingsgroepe get die skikking tussen Afrika-lande, ingevolge waarvan ivoorhandel	column	journalist	Saturday Burger	no name	Africa	10	life sciences	animals (wildlife)	yes
Die Burger (Saterdag)	Saturday 23 June 2007	By page 18	no	Omgewing: Die planne vir die land se eerste korrelbed-kernreaktor	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	6	physical sciences	energy (nuclear)	no

Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 23 June 2007	By page 18	no	Omgewing: Suid-Afrika het sy 22ste nasional park gekry	column	journalist	Saturday Burger	no name	South Africa (Northern Cape)	8	life sciences	environment and pollution	no
Die Burger (Saterdag)	Saturday 23 June 2007	By page 18	no	Gesondheid: Nog nie een van die babas wat moontlik in kontak was	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	10	medicine and health	diseases and treatments	no
Die Burger (Saterdag)	Saturday 23 June 2007	By page 18	no	Gesondheid: Programme vir die voorkoming van MIV in skole	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	14	medicine and health	Aids	yes
Die Burger (Saterdag)	Saturday 23 June 2007	By page 48	no	Klein B: Diere maak hulself gesond	article	journalist	Saturday Burger	no name	Asia (Far East and Russia)	70	life sciences	animals (marine)	yes
Die Burger (Saterdag)	Saturday 30 June 2007	1	yes	SA sonder krag gelaat	article	journalist	Saturday Burger	Magdel Fourie	South Africa (general)	78	physical sciences	energy (electricity)	no
Die Burger (Saterdag)	Saturday 30 June 2007	2	no	Verpleeglui terug by werk na die staking	article	journalist	Saturday Burger	Diana-Marié Strydom	South Africa (Western Cape)	68	medicine and health	Aids	yes
Die Burger (Saterdag)	Saturday 30 June 2007	2	no	Dit is die feite	column	journalist	Saturday Burger	George Claassen	South Africa (general)	41	life sciences	plants	no
Die Burger (Saterdag)	Saturday 30 June 2007	2	no	Grondhervorming duur voort	article	journalist	Saturday Burger	Philda Essop	South Africa (general)	55	life sciences	agriculture	no
Die Burger (Saterdag)	Saturday 30 June 2007	3	no	Valiant Swart kry bloedklonte na vlug	article	journalist	Saturday Burger	Marida Fitzpatrick	South Africa (general)	41	medicine and health	diseases and treatments	yes
Die Burger (Saterdag)	Saturday 30 June 2007	6	no	Groot deurbraak in soeke na vigskuur	article	journalist	Saturday Burger	Antoinette Pienaar	America (North)	69	medicine and health	Aids	yes
Die Burger (Saterdag)	Saturday 30 June 2007	6	no	Eskom se glo nie ja vir padwerk	article	journalist	Saturday Burger	Jorisna Bonthuys	South Africa (Western Cape)	86	life sciences	environment and pollution	no
Die Burger (Saterdag)	Saturday 30 June 2007	9	no	Nog net vyf dae oor om te stem	article	journalist	Saturday Burger	no name	South Africa (Western Cape)	37	life sciences	animals (pets)	no
Die Burger (Saterdag)	Saturday 30 June 2007	14	no	Van alle kante: 'n Kind en sy ma praat oor sneeu	column	journalist	Saturday Burger	Murray la Vita	South Africa (Western Cape)	84	earth sciences	meteorology	no

Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 30 June 2007	15	no	Wetenskap Vandag: Gene en die bestryding van siekte: 1ste sukses	column	scientist or specialist	Saturday Burger	Marinus Wijnbeek voormalige wetenskap-en- tegnologiekorrespondent van die SAUK en aanbieder van die program Brandkluis. Hy het vroeër in die natuurwetenskappe gestudeer en gedoseer.)	Europe (other)	176	life sciences	genetics	yes
Die Burger (Saterdag)	Saturday 30 June 2007	15	no	n Dodelike kombinasie	letter	scientist or specialist	n/a	Dr T Benkenstein, Belville	South Africa (Western Cape)	17	medicine and health	diseases and treatments	yes
Die Burger (Saterdag)	Saturday 30 June 2007	By page 7	no	Republiek: Facebook: g'n meer Emsie Schoeman nie	article	journalist	Saturday Burger	Hermien Muller	South Africa (Western Cape)	85	technology	internet and email	no
Die Burger (Saterdag)	Saturday 30 June 2007	By page 10 and 11	no	Bysaak: Die rol van waterslandverhale in die soeke na 'n Afrikaanse identiteit	column	scientist or specialist	Saturday Burger	Jean Lombard (vryskut- letterkundige - die artikel is op haar doktorsale profskrif gebaseer)	South Africa (general)	305	science and beliefs	pseudoscience and superstition	yes
Die Burger (Saterdag)	Saturday 30 June 2007	By page 17	no	NuusOorsig: Land in greep van koue	column	journalist	Saturday Burger	Hendrik Coetzee	South Africa (general)	74	earth sciences	meteorology	yes
Die Burger (Saterdag)	Saturday 30 June 2007	By page 17	no	Reen, reen, lieflike reen...	photograph	photographer	Reuters	no name	America (Central and South)	10	earth sciences	meteorology	no
Die Burger (Saterdag)	Saturday 30 June 2007	By page 17	no	Aktueel: Suid-Afrikaanse kinders tussen die ouderdomme van 1 en 9 jaar eet hopeloos te min vrugte en groente	column	journalist	Saturday Burger	no name	South Africa (general)	6	medicine and health	nutrition	yes

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 30 June 2007	By page 17	no	Blapse: Prins Charles is bekend daarvoor dat hy graag organiese groente kweek	column	journalist	Saturday Burger	no name	Europe (UK and Ireland)	12	life sciences	agriculture	yes
Die Burger (Saterdag)	Saturday 30 June 2007	By page 18	no	Omgewing: Verwoestinyng is die vergete krisis in Afrika	column	journalist	Saturday Burger	no name	Africa	9	life sciences	environment and pollution	no
Die Burger (Saterdag)	Saturday 30 June 2007	By page 18	no	Omgewing: Die toenemende verval van rioolstelsels veroorsaak dat die land se natuurlike waterbronne	column	journalist	Saturday Burger	no name	South Africa (general)	9	earth sciences	water	yes
Die Burger (Saterdag)	Saturday 30 June 2007	By page 18	no	Omgewing: Die hooggeregshof het die oprigting van 'n perlemoenaanleg	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	6	life sciences	animals (marine)	no
Die Burger (Saterdag)	Saturday 30 June 2007	By page 18	no	Gesondheid: Die teorie dat MIV tot die vermindering van gesonde witbloedselle lei	column	journalist	Saturday Burger	no name	America (North)	10	medicine and health	Aids	yes
Die Burger (Saterdag)	Saturday 30 June 2007	By page 18	no	Gesondheid: Afegdanke verpleegsters by die daghospitaal	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	9	medicine and health	hospital strike	no
Die Burger (Saterdag)	Saturday 30 June 2007	By page 18	no	Gesondheid: Al hoe meer Oos-Kaapse tuberkulose-pasiënte	column	journalist	Saturday Burger	no name	South Africa (Eastern Cape)	5	medicine and health	diseases and treatments	no
Die Burger (Saterdag)	Saturday 30 June 2007	By page 43	no	Klein B: Die vakansie is hier! / Doothof-dilemma!	article	journalist	Saturday Burger	no name	South Africa (Western Cape)	55	physical sciences	physics	no
Die Burger (Saterdag)	Saturday 30 June 2007	By page 44	no	Leer meer oor drake en dinosourusse	article	journalist	Saturday Burger	no name	South Africa (Western Cape)	24	physical sciences	astronomy	no
Die Burger (Saterdag)	Saturday 30 June 2007	Reis page 6	no	Reisbank	column	journalist	Saturday Burger	Thinus Ferreira (nuusredakteur van typlus, Media24 se weeklikse TV- en vermaaktydskrif)	Australasia	84	life sciences	environment and pollution	no

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Die Burger (Saterdag)	Saturday 30 June 2007	Reis page 6 and 7	no	Goue stofpad na Samarkand	article	journalist	Saturday Burger	Janet Kriel	Asia (Middle East and India)	251	earth sciences	palaeontology and archaeology	yes
Die Burger (Saterdag)	Saturday 7 July 2007	1	no	Bokke sal voordeel trek uit 07-07-07, se siener	article	journalist	Saturday Burger	Ema Buffel	South Africa (Western Cape)	63	science and beliefs	pseudoscience and superstition	yes
Die Burger (Saterdag)	Saturday 7 July 2007	4	no	Tande klap weer die naweek in Wes-Kaap	article	journalist	Saturday Burger	Arnold Ras	South Africa (Western Cape)	45	earth sciences	meteorology	yes
Die Burger (Saterdag)	Saturday 7 July 2007	4	no	Pugh pak sy koudste swem by ysere aan	article	journalist	Saturday Burger	Samarie Smith	Polar Regions	43	earth sciences	climate change	yes
Die Burger (Saterdag)	Saturday 7 July 2007	8	no	Siek van die reen	photograph	photographer	News agency: Reuters	no name	Asia (Middle East and India)	14	earth sciences	meteorology	yes
Die Burger (Saterdag)	Saturday 7 July 2007	8	no	SA dokters uit Kuba praat nou Spaans	article	journalist	Saturday Burger	Antoinette Pienaar	America (Central and South)	47	medicine and health	healthcare administration (other)	no
Die Burger (Saterdag)	Saturday 7 July 2007	8	no	Tunisie se artse 'kan Engels praat'	article	journalist	Saturday Burger	Diana-Marié Strydom	Africa	100	medicine and health	healthcare administration (other)	yes
Die Burger (Saterdag)	Saturday 7 July 2007	9	no	SA baba met vier bene gebore	article	journalist	Saturday Burger	Antoinette Pienaar	South Africa (Limpopo)	117	medicine and health	diseases and treatments	yes
Die Burger (Saterdag)	Saturday 7 July 2007	13	no	Vier slimkoppe gaan wys staal in Hongkong	article	journalist	Saturday Burger	Ilse Fredericks	South Africa (Western Cape)	66	physical sciences	mathematics	no
Die Burger (Saterdag)	Saturday 7 July 2007	13	no	VSA belet motoriste om lakse te stuur, TV te kyk	article	journalist	Saturday Burger	Charles Smith	America (North)	64	technology	other	yes
Die Burger (Saterdag)	Saturday 7 July 2007	14	no	EU keur SA pynappels af oor gifstof in kunsmis	article	journalist	Saturday Burger	Amela de Milander	South Africa (Eastern Cape)	75	life sciences	agriculture	yes
Die Burger (Saterdag)	Saturday 7 July 2007	14	no	Die lewe is g'n piekniek	article	journalist	News agency: Reuters	no name	Europe (other)	1	life sciences	animals (wildlife)	no
Die Burger (Saterdag)	Saturday 7 July 2007	14	no	Huisekat se voorsate van eue gelede nagespeur	article	journalist	Saturday Burger	Fanie van Rooyen	Asia (Middle East and India)	64	life sciences	genetics	yes
Die Burger (Saterdag)	Saturday 7 July 2007	14	no	Aardbol se deursnee toe effens kleiner	article	journalist	News agency: Sapa	no name	Europe (other)	43	physical sciences	astronomy	yes

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Die Burger (Saterdag)	Saturday 7 July 2007	16	no	Mens is sleg vir natuur - navorsing	article	journalist	Saturday Burger	Amela de Milander	South Africa (Eastern Cape)	82	life sciences	animals (wildlife)	yes
Die Burger (Saterdag)	Saturday 7 July 2007	18	no	Anderpad	editorial comment	journalist	Saturday Burger	Henry Jeffreys (Die Burger Editor)	South Africa (Western Cape)	33	life sciences	agriculture	no
Die Burger (Saterdag)	Saturday 7 July 2007	19	no	Gee Kinderwet 'n kans	article	journalist	Saturday Burger	Phillip de Bruin	South Africa (general)	348	medicine and health	other	no
Die Burger (Saterdag)	Saturday 7 July 2007	19	no	Nuwe vrae oor eNatis	letter	public	n/a	Hennie Pienaar, Belville	South Africa (general)	29	technology	computers	no
Die Burger (Saterdag)	Saturday 7 July 2007	19	no	Paarlse plaasmark uniek	letter	public	n/a	Michelle Mazurkiewicz, Paarl	South Africa (Western Cape)	32	life sciences	agriculture	no
Die Burger (Saterdag)	Saturday 7 July 2007	By page 3	no	Ficker gooi jakkalsdraai om wetenskap	letter	public	n/a	Meer Wetenskaplik, Belville	South Africa (Western Cape)	29	science and beliefs	science and religion	no
Die Burger (Saterdag)	Saturday 7 July 2007	By page 9	no	Bysaak: Op soek na God: 'n Derde weg?	article	scientist or specialist	Saturday Burger	Michael van Renen (n kiniese en motiveringsleier van Kaapstad)	South Africa (general)	330	science and beliefs	science and religion	yes
Die Burger (Saterdag)	Saturday 7 July 2007	By page 10 and 11	no	Bysaak: YouTube: Wat jy daar kry, is: Die Res	article	journalist	Saturday Burger	Marius Visser	South Africa (general)	276	technology	internet and email	no
Die Burger (Saterdag)	Saturday 7 July 2007	By page 16	no	Bysaak: Waterslange: Die eerste ontmoeting	column	scientist or specialist	Saturday Burger	Jean Lombard (vryskut-leierkundige - die artikels is op haar doktorsale profskrif gebaseer)	South Africa (general)	295	science and beliefs	pseudoscience and superstition	yes
Die Burger (Saterdag)	Saturday 7 July 2007	By page 17	no	Aktueel: Die nuwe Kinderwet bepaal onder meer	column	journalist	Saturday Burger	no name	South Africa (general)	6	medicine and health	other	no
Die Burger (Saterdag)	Saturday 7 July 2007	By page 17	no	Aktueel: Kuberkraakers het vandeeweek by die eNatis webwerf ingebreek	column	journalist	Saturday Burger	no name	South Africa (general)	6	technology	computers	no



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Die Burger (Saterdag)	Saturday 7 July 2007	By page 17	no	Aktueel: Suid-Afrika het minder water van goeie gehalte beskikbaar	column	journalist	Saturday Burger	no name	South Africa (general)	4	earth sciences	water	no
Die Burger (Saterdag)	Saturday 7 July 2007	By page 18	no	Omgewing: Suid-Afrikaners raak toenemend bewus van die agteruitgang van hul natuurlike omgewing	column	journalist	Saturday Burger	no name	South Africa (general)	11	life sciences	environment and pollution	no
Die Burger (Saterdag)	Saturday 7 July 2007	By page 18	no	Omgewing: Namibie gaan vanjaar 80 000 robbe uitdun	column	journalist	Saturday Burger	no name	Africa	8	life sciences	animals (marine)	yes
Die Burger (Saterdag)	Saturday 7 July 2007	By page 18	no	Omgewing: Ten spyte van die goeie reënval	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	5	earth sciences	water	no
Die Burger (Saterdag)	Saturday 7 July 2007	By page 18	no	Gesondheid: Altesame 56 geregistreerde lede van die Raad op Gesondheidsberoep	column	journalist	Saturday Burger	no name	South Africa (general)	10	medicine and health	healthcare administration (malpractice)	no
Die Burger (Saterdag)	Saturday 7 July 2007	By page 18	no	Gesondheid: Die Polismoor gevangenis is 90 dae tyd gegee om die tuberkulose probleem	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	7	medicine and health	healthcare administration (other)	yes
Die Burger (Saterdag)	Saturday 7 July 2007	By page 18	no	Gesondheid: Die Universiteit van KwaZulu-Natal mag ingevolge 'n hofbevel voortgaan	column	journalist	Saturday Burger	no name	South Africa (KwaZulu-Natal)	7	medicine and health	Aids	yes
Die Burger (Saterdag)	Saturday 14 July 2007	2	no	Stewige verhogings op pad vir verpleers	article	journalist	Saturday Burger	Antoinette Pienaar	South Africa (general)	104	medicine and health	hospital strike	no
Die Burger (Saterdag)	Saturday 14 July 2007	2	no	Dit is die feite	column	journalist	Saturday Burger	George Claassen	America (Central and South)	24	life sciences	plants	yes
Die Burger (Saterdag)	Saturday 14 July 2007	7	no	Twee is skuldig in saak oor drank	article	journalist	Saturday Burger	Alethea Nieuwenhuizen	South Africa (Western Cape)	65	medicine and health	food and product safety	no
Die Burger (Saterdag)	Saturday 14 July 2007	8	no	Dwelmtotse 'in 'n oogwink'	article	journalist	Saturday Burger	Michele O'Connor	South Africa (Western Cape)	42	physical sciences	chemistry	yes

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Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

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Die Burger (Saterdag)	Saturday 14 July 2007	9	no	Matroos van diepsee aan land gebring oor blindederm	article	journalist	Saturday Burger	Marius Louw	South Africa (Western Cape)	72	medicine and health	diseases and treatments	no
Die Burger (Saterdag)	Saturday 14 July 2007	9	no	Drie kinders kritiek na vloestof vuur laat opvlam	article	journalist	Saturday Burger	Lara Atson	South Africa (Western Cape)	60	medicine and health	other	yes
Die Burger (Saterdag)	Saturday 14 July 2007	12	no	Mens kan ervarings leer vergeet - studie	article	journalist	Saturday Burger	Elsabé Brits	America (North)	65	medicine and health	mental health	yes
Die Burger (Saterdag)	Saturday 14 July 2007	13	no	Eekhorings spioeneer glo in Iran	article	journalist	News agency: Sky News	no name	Asia (Middle East and India)	41	life sciences	animals (wildlife)	yes
Die Burger (Saterdag)	Saturday 14 July 2007	14	no	Valkenberg moet nou oor Najwa besluit	article	journalist	Saturday Burger	Marelize Barnard	South Africa (Western Cape)	107	medicine and health	mental health	yes
Die Burger (Saterdag)	Saturday 14 July 2007	15	no	Al-Kaïda skakel oor na hoer rat in VSA	article	journalist	Saturday Burger	Charles Smith	America (North)	63	physical sciences	chemistry	no
Die Burger (Saterdag)	Saturday 14 July 2007	15	no	Zimbabweers mag nie meer kos van buurlande invoer	article	journalist	Saturday Burger	Tangai Chipangura (Media24-Afrika-kantoor)	Africa	99	life sciences	agriculture	no
Die Burger (Saterdag)	Saturday 14 July 2007	16	no	Noordkapper-kalfie speel by Infanta uit	article	journalist	Saturday Burger	Sonika Johnston	South Africa (Western Cape)	61	life sciences	animals (marine)	yes
Die Burger (Saterdag)	Saturday 14 July 2007	16	no	Natuurlike foto's (with five photographs)	article	journalist	Saturday Burger	no name	South Africa (Western Cape)	25	life sciences	environment and pollution	yes
Die Burger (Saterdag)	Saturday 14 July 2007	17	no	Duimpie en sy maat, Langeraat	photograph	photographer	News agency: Associated Press (AP)	no name	Asia (Far East and Russia)	2	medicine and health	other	no
Die Burger (Saterdag)	Saturday 14 July 2007	17	no	Nieu-Seelandse baba kry skaars bloed uit SA	article	journalist	Saturday Burger	Samarie Smith	Australasia	74	medicine and health	diseases and treatments	yes
Die Burger (Saterdag)	Saturday 14 July 2007	17	no	Avonturier hou aan trap om 3 huise vir armes te laat bou	article	journalist	Saturday Burger	Samarie Smith	South Africa (Western Cape)	48	medicine and health	other	no
Die Burger (Saterdag)	Saturday 14 July 2007	17	no	Dekaen is 18 miljoenste op Tafelberg	article	journalist	Saturday Burger	Arnold Ras	South Africa (Western Cape)	54	life sciences	environment and pollution	no
Die Burger (Saterdag)	Saturday 14 July 2007	18	no	Gesondheid	editorial comment	journalist	Saturday Burger	Henry Jeffreys (Die Burger Editor)	South Africa (general)	39	medicine and health	other	yes

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Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 14 July 2007	19	no	Wetenskap Vandag: 'n Vennootskap wat aan pasient beste kan bied	column	scientist or specialist	Saturday Burger	Leon Retief (woon en werk in Bellville)	South Africa (general)	176	medicine and health	other	yes
Die Burger (Saterdag)	Saturday 14 July 2007	By page 1 and 10 and 11	no	n Verhaal van hoop	photograph	photographer	Saturday Burger	Francois Theron	South Africa (Mpumalanga)	2	life sciences	animals (wildlife)	no
Die Burger (Saterdag)	Saturday 14 July 2007	By page 3	no	Wetenskap het geen waarde na die dood	letter	scientist or specialist	n/a	Gelowige Wetenskaplike, Kaapstad	South Africa (Western Cape)	34	science and beliefs	science and religion	yes
Die Burger (Saterdag)	Saturday 14 July 2007	By page 3	no	Waarom skuil jy agter 'n skuilnaam?	letter	scientist or specialist	n/a	Dr Bernhard Ficker, Somerset-Wes	South Africa (Western Cape)	31	science and beliefs	science and religion	no
Die Burger (Saterdag)	Saturday 14 July 2007	By page 3	no	Dr Bernhard Ficker' simuleer denke	letter	public	n/a	Phillip Slabber, Vredenburg	South Africa (Western Cape)	48	science and beliefs	science and religion	no
Die Burger (Saterdag)	Saturday 14 July 2007	By page 8	no	Wegkomkans: Die betowering van Machu Picchu	article	journalist	Saturday Burger	Joan Hambidge	America (Central and South)	104	earth sciences	palaeontology and archaeology	no
Die Burger (Saterdag)	Saturday 14 July 2007	By page 8	no	Lyfskryf: In die bed met die internet-slet	column	journalist	Saturday Burger	Jana-Mariana Human	South Africa (general)	167	technology	internet and email	no
Die Burger (Saterdag)	Saturday 14 July 2007	By page 9	no	Bysaak: Siek	article	journalist	Saturday Burger	Charles Smith	America (North)	214	medicine and health	healthcare administration (other)	no
Die Burger (Saterdag)	Saturday 14 July 2007	By page 10 and 11	no	Bysaak: Waar sjimps weer kan mens word	article	journalist	Saturday Burger	Elsabé Brits	South Africa (Mpumalanga)	377	life sciences	animals (wildlife)	yes
Die Burger (Saterdag)	Saturday 14 July 2007	By page 12	no	Bysaak: Die huidige relevansie van mitiese verhale	column	scientist or specialist	Saturday Burger	Jean Lombard (vryskut-letterkundige - die artikels is op haar doktorsale profskrif gebaseer)	South Africa (general)	283	science and beliefs	pseudoscience and superstition	yes

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Die Burger (Saterdag)	Saturday 14 July 2007	By page 16	no	Erfenis: Nuwe 7 Wonders en die Colosseum	article	journalist	Saturday Burger	ES van Bart	Europe (other)	178	earth sciences	palaeontology and archaeology	yes
Die Burger (Saterdag)	Saturday 14 July 2007	By page 18	no	Omgewing: Meer as 3 000 Suid-Afrikaanse verbruikers	column	journalist	Saturday Burger	no name	South Africa (general)	10	life sciences	animals (marine)	yes
Die Burger (Saterdag)	Saturday 14 July 2007	By page 18	no	Omgewing: Kenners het vandeeweek kopgekrap oor waarom twee uiters skaars True-snoetwalvisse	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	7	life sciences	animals (marine)	yes
Die Burger (Saterdag)	Saturday 14 July 2007	By page 18	no	Omgewing: Honderte toeriste en vakansiegangers	column	journalist	Saturday Burger	no name	South Africa (Mpumalanga)	7	life sciences	animals (wildlife)	no
Die Burger (Saterdag)	Saturday 14 July 2007	By page 18	no	Gesondheid: Die Raad van Gesondheidsberoepes van Suid-Afrika	column	journalist	Saturday Burger	no name	South Africa (general)	11	medicine and health	healthcare administration (malpractice)	no
Die Burger (Saterdag)	Saturday 14 July 2007	By page 18	no	Gesondheid: Verkragtingslagoffers kan die reg op anti-retrovirale middels verbeur	column	journalist	Saturday Burger	no name	South Africa (general)	9	medicine and health	Aids	yes
Die Burger (Saterdag)	Saturday 14 July 2007	By page 18	no	Gesondheid: Groot kommer heers by finalejaar mediese studente	column	journalist	Saturday Burger	no name	South Africa (general)	4	medicine and health	healthcare administration (other)	no
Die Burger (Saterdag)	Saturday 21 July 2007	3	no	Sewe wonders moontlik in 3D-foto's in ruimte verewig	article	journalist	News agency: Sapa	no name	Europe (other)	27	physical sciences	astronomy	yes
Die Burger (Saterdag)	Saturday 21 July 2007	6	no	Meer as 20 moet hof toe oor perlemoen	article	journalist	Saturday Burger	Carryn-Ann Nel	South Africa (Western Cape)	89	life sciences	animals (marine)	no
Die Burger (Saterdag)	Saturday 21 July 2007	11	no	Herklasseer tik-bestanddeel - Zille	article	journalist	Saturday Burger	Philda Essop	South Africa (Western Cape)	79	physical sciences	chemistry	yes
Die Burger (Saterdag)	Saturday 21 July 2007	12	no	Nederlandse skrywer praat oor voedsel-misterie	article	journalist	Saturday Burger	no name	South Africa (Western Cape)	27	science and beliefs	pseudoscience and superstition	no

Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 21 July 2007	13	no	Vitamiën C 'help min teen verkoue'	article	journalist	News agency: Reuters	no name	America (North)	83	medicine and health	nutrition	yes
Die Burger (Saterdag)	Saturday 21 July 2007	15	no	Agri se forum-plan kry steun	article	journalist	Saturday Burger	Eugene Gunning	South Africa (Western Cape)	89	life sciences	agriculture	no
Die Burger (Saterdag)	Saturday 21 July 2007	16	no	Prosedure nie gevolg' by kragssentrale	article	journalist	News agency: Sapa	no name	Asia (Far East and Russia)	42	physical sciences	energy (nuclear)	yes
Die Burger (Saterdag)	Saturday 21 July 2007	17	no	Studie oor afsettings in see vereer	article	journalist	Saturday Burger	Elsabé Brits	South Africa (Western Cape)	76	earth sciences	water	yes
Die Burger (Saterdag)	Saturday 21 July 2007	17	no	Mexikaanse man van 560 kg is 'die vetste ter wereld'	article	journalist	News agency: Sapa	no name	America (Central and South)	35	medicine and health	other	yes
Die Burger (Saterdag)	Saturday 21 July 2007	19	no	Wetenskap Vandag: SA kinders eet gevaarlik min groente en vrugte	column	journalist	Saturday Burger	Mari Hudson (hoof van nuwe projekte en publikasies by www.health24.com)	South Africa (general)	86	medicine and health	nutrition	yes
Die Burger (Saterdag)	Saturday 21 July 2007	By page 2	no	Ficker, Elvis en JFK leef beslis	letter	public	n/a	Wille Woelwater, Durbanville	South Africa (Western Cape)	28	science and beliefs	science and religion	no
Die Burger (Saterdag)	Saturday 21 July 2007	By page 2	no	Claassen moet nog 'n Ficker skep	letter	public	n/a	LW Retief, Bellville; JJ van den Heever, Stillebosch	South Africa (Western Cape)	26	science and beliefs	science and religion	yes
Die Burger (Saterdag)	Saturday 21 July 2007	By page 2	no	Waarom bang om net dood te wees?	letter	public	n/a	Rene Lotter	South Africa (Western Cape)	83	science and beliefs	science and religion	yes
Die Burger (Saterdag)	Saturday 21 July 2007	By page 3	no	Nog oor mitologiese Bybelverhale	letter	scientist or specialist	n/a	Jean Lombard, Parow-Noord	South Africa (general)	37	science and beliefs	science and religion	no
Die Burger (Saterdag)	Saturday 21 July 2007	By page 3	no	Derde weg' kat in mooi woorde teogedraai	letter	public	n/a	Servaas de Kock, Bonnievale	South Africa (general)	47	science and beliefs	science and religion	yes
Die Burger (Saterdag)	Saturday 21 July 2007	By page 8 and 9	no	Bysaak: Van Jammerrfontein tot Lekkersing	article	journalist	Saturday Burger	Kirby van der Merwe	South Africa (Northern Cape)	304	life sciences	environment and pollution	yes

Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 21 July 2007	By page 11	no	Lyfskryf: Van Hugenoot tot proefkonyn - in sewe dae	column	journalist	Saturday Burger	Le Roux Schoeman	South Africa (Western Cape)	84	life sciences	genetics	yes
Die Burger (Saterdag)	Saturday 21 July 2007	By page 12	no	Bladwyser: Skuldige honde, 'coof' kakfies, danserige dino's	column	journalist	Saturday Burger	Laetitia Pople	South Africa (general)	147	life sciences	animals (farm)	yes
Die Burger (Saterdag)	Saturday 21 July 2007	By page 13	no	Letterlik: Feeties vir Afrika?	article	journalist	Saturday Burger	Daniel Hugo (digter en omroeper by RSG, en het die Afrikaanse weergawe van Barker se feetiese-boeke behartig)	South Africa (Western Cape)	198	science and beliefs	pseudoscience and superstition	no
Die Burger (Saterdag)	Saturday 21 July 2007	By page 16	no	WêreldPerspektief: Zim-plan teen boere lewer wrang vrugte	column	journalist	Foreign newspaper: The Independent	no name	Africa	24	life sciences	agriculture	no
Die Burger (Saterdag)	Saturday 21 July 2007	By page 17	no	Rooster teen woestyn	photograph	photographer	News agency: European Pressphoto Agency (EPA)	no name	Asia (Far East and Russia)	14	life sciences	environment and pollution	yes
Die Burger (Saterdag)	Saturday 21 July 2007	By page 17	no	Aktueel: Die getal huishoudings in formele huise in Suid-Afrika	column	journalist	Saturday Burger	no name	South Africa (general)	7	physical sciences	mathematics	yes
Die Burger (Saterdag)	Saturday 21 July 2007	By page 17	no	Aktueel: Die winkelgroep Pick 'n Pay het 'n e-pos-waarskuwing	column	journalist	Saturday Burger	no name	Asia (Far East and Russia)	6	medicine and health	food and product safety	no
Die Burger (Saterdag)	Saturday 21 July 2007	By page 17	no	Blapese: 'n Oumagrootjie van Fulham	column	journalist	Saturday Burger	no name	Europe (UK and Ireland)	12	life sciences	animals (birds)	no
Die Burger (Saterdag)	Saturday 21 July 2007	By page 18	no	Omgewing: Ernstige kommer heers oor die beskikbaarheid en gehalte van waterbronne	column	journalist	Saturday Burger	no name	South Africa (general)	9	earth sciences	water	no
Die Burger (Saterdag)	Saturday 21 July 2007	By page 18	no	Omgewing: Die ekonomiese ineenstorting van Zimbabwe het 'n vernietigende invloed op die oorleefende wild	column	journalist	Saturday Burger	no name	Africa	9	life sciences	animals (wildlife)	yes

Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 21 July 2007	By page 18	no	Omgewing: Die nuwe voorsitter van CapeNature se raad is mnr. Christopher Clarke	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	6	life sciences	environment and pollution	no
Die Burger (Saterdag)	Saturday 21 July 2007	By page 18	no	Gesondheid: Die vigsafvalge dr. Matthias Rath gebruik Sanco om sy vitamene	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	6	medicine and health	Aids	no
Die Burger (Saterdag)	Saturday 21 July 2007	By page 18	no	Gesondheid: Die Wes-Kaapse departement van gesondheid	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	9	medicine and health	healthcare administration (other)	yes
Die Burger (Saterdag)	Saturday 21 July 2007	By page 18	no	Gesondheid: Skokkende inligting oor toestande in die Oos-Kaapse gesondheidsdiens	column	journalist	Saturday Burger	no name	South Africa (Eastern Cape)	9	medicine and health	healthcare administration (Frere Hospital)	yes
Die Burger (Saterdag)	Saturday 28 July 2007	1	no	Einde nog nie in sig vir Kaap van Storms	article	journalist	Saturday Burger	Leon-Ben Lamprecht, Malani Venter, Carryn-Ann Nel and Eugene Gunning	South Africa (Western Cape)	111	earth sciences	meteorology	yes
Die Burger (Saterdag)	Saturday 28 July 2007	2	no	Stormsee in die Baai	photograph	photographer	Saturday Burger	Ewald Stander	South Africa (Eastern Cape)	2	earth sciences	water	yes
Die Burger (Saterdag)	Saturday 28 July 2007	3	no	Kolig: Annie wil vigs stories 'sing'	article	journalist	Saturday Burger	Diana-Marié Strydom	South Africa (general)	97	medicine and health	Aids	yes
Die Burger (Saterdag)	Saturday 28 July 2007	4	no	Jessica, bedorwe en beroemde seekoeikind	article	journalist	Saturday Burger	Mariette Louw-Carstens	South Africa (Limpopo)	94	life sciences	animals (wildlife)	yes
Die Burger (Saterdag)	Saturday 28 July 2007	4	no	Veghond voer skrikbewind	article	journalist	Saturday Burger	Jan Gerber	South Africa (Western Cape)	108	life sciences	animals (pets)	no
Die Burger (Saterdag)	Saturday 28 July 2007	4	no	Man vas oor honde in 'vieslike huis'	article	journalist	Saturday Burger	Carryn-Ann Nel	South Africa (Western Cape)	82	life sciences	animals (pets)	no
Die Burger (Saterdag)	Saturday 28 July 2007	4	no	Burger kry nuwe rubrieke oor die weer en nog meer	article	journalist	Saturday Burger	no name	South Africa (Western Cape)	45	earth sciences	meteorology	no
Die Burger (Saterdag)	Saturday 28 July 2007	4	no	Hongerers in Zim slag troetel hond	article	journalist	News agency: Sapa	no name	Africa	36	life sciences	animals (pets)	yes

Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 28 July 2007	6	no	Nog skotye klap in woordstryd tussen Dowry en Agri Wes-Kaap	article	journalist	Saturday Burger	Eugene Gunning	South Africa (Western Cape)	112	life sciences	agriculture	no
Die Burger (Saterdag)	Saturday 28 July 2007	10	no	Wolseley gooi wal teen 'modderivier' in hoofstraat (with six photographs)	article	journalist	Saturday Burger	Malani Venter	South Africa (Western Cape)	68	earth sciences	meteorology	yes
Die Burger (Saterdag)	Saturday 28 July 2007	10	no	Dorp waarsku oor oorloep-rioolwater	article	journalist	Saturday Burger	Ema Buffel	South Africa (Western Cape)	50	earth sciences	meteorology	yes
Die Burger (Saterdag)	Saturday 28 July 2007	10	no	Moesonvloede laat duisende in Asie dakloos	article	journalist	Saturday Burger	no name	Asia (Far East and Russia)	74	earth sciences	meteorology	yes
Die Burger (Saterdag)	Saturday 28 July 2007	15	no	Vriende en familie maak jou vet - studie	article	journalist	Saturday Burger	Diana-Marié Strydom	America (North)	65	medicine and health	mental health	yes
Die Burger (Saterdag)	Saturday 28 July 2007	15	no	Dagga verhoog kans om later psigiatrisie siekte te kry - studie	article	journalist	Saturday Burger	Antoinette Pienaar	Europe (UK and Ireland)	55	medicine and health	mental health	yes
Die Burger (Saterdag)	Saturday 28 July 2007	16	no	Skande oor 'drink-en-vlieg'	article	journalist	Saturday Burger	Charles Smith	America (North)	76	physical sciences	astronomy	no
Die Burger (Saterdag)	Saturday 28 July 2007	16	no	Vier sterf na vuurpyl in Kalifornië ontplof	article	journalist	News agency: Central News Network (CNN)	no name	America (North)	46	physical sciences	astronomy	no
Die Burger (Saterdag)	Saturday 28 July 2007	16	no	Vesta en Ceres word van nader bekyk	article	journalist	Saturday Burger	Elisabé Brits	America (North)	74	physical sciences	astronomy	yes
Die Burger (Saterdag)	Saturday 28 July 2007	16	no	Vleende vlerk se vlug suksesvol	article	journalist	Saturday Burger	Elisabé Brits	America (North)	28	technology	other	yes
Die Burger (Saterdag)	Saturday 28 July 2007	16	no	Sterverduistering laat Tygerbergers wonder	article	journalist	Saturday Burger	no name	South Africa (Western Cape)	42	physical sciences	astronomy	yes
Die Burger (Saterdag)	Saturday 28 July 2007	20	no	Klou vas	photograph	photographer	News agency: Reuters	no name	Asia (Far East and Russia)	2	life sciences	animals (farm)	no
Die Burger (Saterdag)	Saturday 28 July 2007	20	no	Agtergrond: Ghaddafi kraai vir die wereld na die slenter	column	journalist	Saturday Burger	Jannie Ferreira	Africa	61	medicine and health	Aids	yes

Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 28 July 2007	23	no	Wetenskap Vandag: Die heelal - Goue Lokkies s'n, of een uit 'n veelal?	column	scientist or specialist	Saturday Burger	Hendrik Geyer, professor in theoretical physics at Stellenbosch University	South Africa (general)	176	physical sciences	astronomy	yes
Die Burger (Saterdag)	Saturday 28 July 2007	By page 2	no	n 'Derde' oplossing vir tweestryd-gekibbel	letter	public	n/a	Susan van Zyl, Stellenbosch	South Africa (Western Cape)	52	science and beliefs	science and religion	yes
Die Burger (Saterdag)	Saturday 28 July 2007	By page 3	no	Mens kan gerus dink en bevraagteken	letter	public	n/a	Derek van Rensburg, Somerset Wes	South Africa (Western Cape)	60	science and beliefs	science and religion	no
Die Burger (Saterdag)	Saturday 28 July 2007	By page 3	no	Los Dawkins en lees die Bybel	letter	public	n/a	Philip van Heerden, Sandbaai	South Africa (Western Cape)	44	science and beliefs	science and religion	yes
Die Burger (Saterdag)	Saturday 28 July 2007	By page 3	no	Dis is in die aard van brommer	letter	public	n/a	Anti-Brommer	South Africa (general)	48	science and beliefs	pseudoscience and superstition	no
Die Burger (Saterdag)	Saturday 28 July 2007	By page 3	no	Darwin-katte soek 'warm pap'	letter	public	n/a	Abraham Kriel, Somerset-Wes	South Africa (Western Cape)	43	life sciences	evolution	yes
Die Burger (Saterdag)	Saturday 28 July 2007	By page 3	no	Waardevervalking by Afrikaanssprekendes stel teleur	letter	public	n/a	Theo Stehle, Knysna	South Africa (Western Cape)	35	science and beliefs	science and religion	no
Die Burger (Saterdag)	Saturday 28 July 2007	By page 6	no	Bysaak: Praat jy digi-taal?	article	journalist	Saturday Burger	Professor Lizette Rabe (head of the department of Journalism at the University of Stellenbosch)	South Africa (general)	304	technology	internet and email	yes
Die Burger (Saterdag)	Saturday 28 July 2007	By page 8 and 9	no	Bysaak: Baghdad ER	article	journalist	Foreign newspaper: The New York Times	Jari Lindholm	Asia (Middle East and India)	514	medicine and health	healthcare administration (other)	yes
Die Burger (Saterdag)	Saturday 28 July 2007	By page 17	no	NuusOorsig: Hospitale kap terug	column	journalist	Saturday Burger	Hendrik Coetzee	South Africa (general)	74	medicine and health	healthcare administration (malpractice)	yes

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Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 28 July 2007	By page 17	no	Vir volk en vaderland	photograph	photographer	News agency: Reuters	no name	America (North)	2	medicine and health	other	no
Die Burger (Saterdag)	Saturday 28 July 2007	By page 17	no	Aktueel: Eskom is bekommerd oor die verskaffing van voldoende elektrisiteit in 2010	column	journalist	Saturday Burger	no name	South Africa (general)	9	physical sciences	energy (electricity)	no
Die Burger (Saterdag)	Saturday 28 July 2007	By page 17	no	Aktueel: Nadat Cosatu gedreig het om nog 'n staatsdiensstaking	column	journalist	Saturday Burger	no name	South Africa (general)	6	medicine and health	hospital strike	no
Die Burger (Saterdag)	Saturday 28 July 2007	By page 17	no	Blapse: Al Gore, gewese Amerikaanse visepresident wat die afgelope paar jaar as 'n omgewingsaktivis ontpop het	column	journalist	Foreign newspaper: Daily Mirror	no name	America (North)	13	life sciences	animals (marine)	yes
Die Burger (Saterdag)	Saturday 28 July 2007	By page 18	no	Omgewing: Suid-Afrika se natuurlike omgewing het 'n politieke speelbal geword	column	journalist	Saturday Burger	no name	South Africa (general)	14	life sciences	environment and pollution	no
Die Burger (Saterdag)	Saturday 28 July 2007	By page 18	no	Omgewing: Bestuurs- en geldtekorte, asook politiekery, laat CapeNature toenemend krapel	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	10	earth sciences	water	no
Die Burger (Saterdag)	Saturday 28 July 2007	By page 18	no	Gesondheid: Sowat 80% van alle sterftes onder kleuters by agt staats hospitale in Suid-Afrika is vigsverwant	column	journalist	Saturday Burger	no name	South Africa (general)	12	medicine and health	Aids	yes
Die Burger (Saterdag)	Saturday 28 July 2007	By page 18	no	Gesondheid: Daar is vier gevalle van uiters weestandige TB in tronke in die Wes-Kaap	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	8	medicine and health	diseases and treatments	yes

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Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 28 July 2007	By page 18	no	Gesondheid: 'n TB entstof wat erge TB in babas moet voorkom, werk glo nie vir MIV-positiewe babas nie	column	journalist	Saturday Burger	no name	South Africa (general)	4	medicine and health	Aids	yes
Die Burger (Saterdag)	Saturday 28 July 2007	By page 18	no	Internasionaal: Engeland loop kwasi deur onder die ergste vloede sedert 1947	column	journalist	Saturday Burger	no name	Europe (UK and Ireland)	6	earth sciences	meteorology	no
Die Burger (Saterdag)	Saturday 28 July 2007	By page 18	no	Internasionaal: Meer as 100 mense het in vloede en grondverskuiwings in China gesterf	column	journalist	Saturday Burger	no name	Asia (Far East and Russia)	6	earth sciences	meteorology	no
Die Burger (Saterdag)	Saturday 28 July 2007	By page 18	no	Internasionaal: 'n Hittegolf het die suidooste van Europa in a bakoond omskep	column	journalist	Saturday Burger	no name	Europe (other)	7	earth sciences	meteorology	yes
Die Burger (Saterdag)	Saturday 28 July 2007	By page 47	no	Klein B: Kaap is nog die beste	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	84	life sciences	environment and pollution	no
Die Burger (Saterdag)	Saturday 28 July 2007	By page 47	no	Klein B: Mooi blomme in Wrekerferisgebied	column	journalist	Saturday Burger	no name	South Africa (Western Cape)	49	life sciences	plants	yes
Die Burger (Saterdag)	Saturday 28 July 2007	By page 48	no	Klein B: Wonderlike diere	column	journalist	Saturday Burger	no name	South Africa (general)	110	life sciences	animals (pets)	yes
Die Burger (Saterdag)	Saturday 28 July 2007	Reis page 1	no	Ski-hellings van Holmenkollen	photograph	photographer	Saturday Burger	Liana Mocke	Europe (other)	3	life sciences	environment and pollution	no
Die Burger (Saterdag)	Saturday 28 July 2007	Reis page 2	no	Reisbank	column	journalist	Saturday Burger	Thinus Ferreira (nuusredakteur van typlus, Media24 se weeklikse TV- en vermaaktydskrif)	Asia (Middle East and India)	97	life sciences	environment and pollution	no
Die Burger (Saterdag)	Saturday 28 July 2007	Reis page 3	no	Reiservaring	column	journalist	Saturday Burger	Justin Bonello (aanbieder en regisseur van Cooked op BBC Food)	Africa	68	life sciences	environment and pollution	yes

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Appendix G: Science coverage data for the Saturday edition of *Die Burger* (1 June 2007 to 31 July 2007)

Newspaper	Date	Page	Lead	Headline	Article / Editorial Comment / Column / Letter / Photograph / Cartoon	Journalist / cartoonist / photographer / public / scientist or specialist	Newspaper / news agency	Name of journalist / cartoonist / photographer / letter writer	About which region	Length in lines	Science category	Science sub-category	Explains the science
Die Burger (Saterdag)	Saturday 28 July 2007	Reis page 4 and 5	no	Een van die sewe wonders van die wereld	article	journalist	Saturday Burger	Wendy Maartens	America (Central and South)	270	earth sciences	palaeontology and archaeology	yes
Die Burger (Saterdag)	Saturday 28 July 2007	Reis page 6 and 7	no	Land van die Vikings	article	journalist	Saturday Burger	Liana Mocke	Europe (other)	176	life sciences	environment and pollution	yes
Die Burger (Saterdag)	Saturday 28 July 2007	Reis page 6 and 7	no	Waar gister nog asemhaal	article	journalist	Saturday Burger	Johan Adler	Asia (Middle East and India)	161	earth sciences	palaeontology and archaeology	yes

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## **Appendix H:**

Survey questionnaire sent to science writers at the *Cape Argus*, *Cape Times*, *Die Burger*, *Saturday Argus*, *Sunday Argus* and the Saturday edition of *Die Burger* (September 2007)

## Survey Questionnaire for Specialist Science Writers<sup>1</sup>

*Please note: If you will be printing the questionnaire, please circle the answers where appropriate. However, if you are filling it in on the computer, please highlight the correct answers in a different colour.*

**1. What is your title? (For example, environment writer / health writer / science writer)**

**2. Which of the following science beats do you cover?**

- Physical sciences (astronomy, physics, chemistry, energy, mathematics)
- Earth sciences (meteorology, climate change, geology, palaeontology, archaeology, water)
- Life sciences (agriculture, fishing, botany, animals, environment, nature, evolution, genetics)
- Medicine and health
- Technology
- Science and beliefs

**3. Which of the following science beats does your newspaper cover the most?**

- Physical sciences (astronomy, physics, chemistry, energy, mathematics)

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<sup>1</sup> This survey questionnaire was formulated and distributed before the names of the science categories and sub-categories were finalised, and thus the lists in this document differ from the final categorisation as used for the content analysis and as provided and explained in the body of this study.



- Earth sciences (meteorology, climate change, geology, palaeontology, archaeology, water)
- Life sciences (agriculture, fishing, botany, animals, environment, nature, evolution, genetics)
- Medicine and health
- Technology
- Science and beliefs

**4. Which of the following science beats does your newspaper cover the least?**

- Physical sciences (astronomy, physics, chemistry, energy, mathematics)
- Earth sciences (meteorology, climate change, geology, palaeontology, archaeology, water)
- Life sciences (agriculture, fishing, botany, animals, environment, nature, evolution, genetics)
- Medicine and health
- Technology
- Science and beliefs

**5. When did you matriculate, and from which high school?**

**6. Which of the following did you take as matric subjects: science, biology and mathematics?**

**7. What tertiary education do you have?**

Qualification	Institution	Year

**8. For how many years have you been a journalist?**

**9. For how many years have you been a science journalist?**

**10. How did you become interested in science journalism?**

**11. Do you belong to any science journalism organisations? If so, please list.**

**12. Have you ever attended, or do you plan to attend, a science journalism conference or workshop? If so, please list.**

**13. Have you ever won awards or scholarships for science reporting? If so, please list.**

**14. Which of your science stories are you most proud of, and why?**

**15. What is your definition of “science”?**

**16. Why is science reporting important?**

**17. What, would you say, are the three most important debates in science today?**

**18. In which of the following areas of science are you most interested?**

Pure Sciences	Earth Sciences	Life Sciences	Health	Technology	Science and Beliefs
Astronomy	Climate change	Agriculture	Aids	Computers	Science and religion
Chemistry	Geology	Animals (farm)	Food safety	Internet and email	Pseudoscience and superstition
Energy (electricity)	Meteorology	Animals (marine)	Frere Hospital	Other	
Energy (nuclear)	Palaeontology and archaeology	Animals (pets)	Healthcare administration	Telecommunication	
Energy (oil and gas)	Water	Animals (wildlife)	Hospital strike		
Energy (renewable)		Birds	Medical malpractice		
Mathematics		Botany	Nutrition		
Physics		Environment and nature conservation	Other		
		Evolution and genetics	Physical diseases		
		Fishing	Psychology and mental conditions		
		Pollution, waste and recycling	Smoking		
			Vaccines and drug trials		
					Other

**19. In which of the following areas of science are you least interested?**

Pure Sciences	Earth Sciences	Life Sciences	Health	Technology	Science and Beliefs
Astronomy	Climate change	Agriculture	Aids	Computers	Science and religion
Chemistry	Geology	Animals (farm)	Food safety	Internet and email	Pseudoscience and superstition
Energy (electricity)	Meteorology	Animals (marine)	Frere Hospital	Other	
Energy (nuclear)	Palaeontology and archaeology	Animals (pets)	Healthcare administration	Telecommunication	
Energy (oil and gas)	Water	Animals (wildlife)	Hospital strike		
Energy (renewable)		Birds	Medical malpractice		
Mathematics		Botany	Nutrition		
Physics		Environment and nature conservation	Other		
		Evolution and genetics	Physical diseases		
		Fishing	Psychology and mental conditions		
		Pollution, waste and recycling	Smoking		
			Vaccines and drug trials		
					Other

**20. About which of the following areas of science do you have the most knowledge?**

Pure Sciences	Earth Sciences	Life Sciences	Health	Technology	Science and Beliefs
Astronomy	Climate change	Agriculture	Aids	Computers	Science and religion
Chemistry	Geology	Animals (farm)	Food safety	Internet and email	Pseudoscience and superstition
Energy (electricity)	Meteorology	Animals (marine)	Frere Hospital	Other	
Energy (nuclear)	Palaeontology and archaeology	Animals (pets)	Healthcare administration	Telecommunication	
Energy (oil and gas)	Water	Animals (wildlife)	Hospital strike		
Energy (renewable)		Birds	Medical malpractice		
Mathematics		Botany	Nutrition		
Physics		Environment and nature conservation	Other		
		Evolution and genetics	Physical diseases		
		Fishing	Psychology and mental conditions		
		Pollution, waste and recycling	Smoking		
			Vaccines and drug trials		
					Other

**21. About which of the following areas of science do you have the least knowledge?**

Pure Sciences	Earth Sciences	Life Sciences	Health	Technology	Science and Beliefs
Astronomy	Climate change	Agriculture	Aids	Computers	Science and religion
Chemistry	Geology	Animals (farm)	Food safety	Internet and email	Pseudoscience and superstition
Energy (electricity)	Meteorology	Animals (marine)	Frere Hospital	Other	
Energy (nuclear)	Palaeontology and archaeology	Animals (pets)	Healthcare administration	Telecommunication	
Energy (oil and gas)	Water	Animals (wildlife)	Hospital strike		
Energy (renewable)		Birds	Medical malpractice		
Mathematics		Botany	Nutrition		
Physics		Environment and nature conservation	Other		
		Evolution and genetics	Physical diseases		
		Fishing	Psychology and mental conditions		
		Pollution, waste and recycling	Smoking		
			Vaccines and drug trials		
					Other

**22. About which of the following areas of science do you think the public most needs to be informed?**

Pure Sciences	Earth Sciences	Life Sciences	Health	Technology	Science and Beliefs
Astronomy	Climate change	Agriculture	Aids	Computers	Science and religion
Chemistry	Geology	Animals (farm)	Food safety	Internet and email	Pseudoscience and superstition
Energy (electricity)	Meteorology	Animals (marine)	Frere Hospital	Other	
Energy (nuclear)	Palaeontology and archaeology	Animals (pets)	Healthcare administration	Telecommunication	
Energy (oil and gas)	Water	Animals (wildlife)	Hospital strike		
Energy (renewable)		Birds	Medical malpractice		
Mathematics		Botany	Nutrition		
Physics		Environment and nature conservation	Other		
		Evolution and genetics	Physical diseases		
		Fishing	Psychology and mental conditions		
		Pollution, waste and recycling	Smoking		
			Vaccines and drug trials		
					Other

**23. About which of the following areas of science do you think the public least needs to be informed?**

Pure Sciences	Earth Sciences	Life Sciences	Health	Technology	Science and Beliefs
Astronomy	Climate change	Agriculture	Aids	Computers	Science and religion
Chemistry	Geology	Animals (farm)	Food safety	Internet and email	Pseudoscience and superstition
Energy (electricity)	Meteorology	Animals (marine)	Frere Hospital	Other	
Energy (nuclear)	Palaeontology and archaeology	Animals (pets)	Healthcare administration	Telecommunication	
Energy (oil and gas)	Water	Animals (wildlife)	Hospital strike		
Energy (renewable)		Birds	Medical malpractice		
Mathematics		Botany	Nutrition		
Physics		Environment and nature conservation	Other		
		Evolution and genetics	Physical diseases		
		Fishing	Psychology and mental conditions		
		Pollution, waste and recycling	Smoking		
			Vaccines and drug trials		
					Other

24. Do you receive feedback from the public about your science reporting? If so, what is the nature of this feedback? Which topics generate the most feedback?
25. Does your newspaper have an official stance on any of the major current topics in science? Please elaborate.
26. What are the reasons why your newspaper has chosen to cover certain areas of science more than others?
27. Do you have editors who are supportive of your science beat? If so, what are their names and what are their special interests within science?
28. Are you consulted or required to check science stories written by general reporters?

**Appendix H:** Survey questionnaire sent to specialist science writers at the *Cape Argus*, *Cape Times*, *Die Burger*, *Saturday Argus*, *Sunday Argus* and the Saturday edition of *Die Burger* in September 2007

29. **Besides writing your own science stories, do you also source science stories from the news agencies, or is this done by the editors?**
30. **What is your opinion of the state of science journalism in South Africa?**
31. **What can be done to improve the state of science journalism in South Africa?**
32. **What are the biggest challenges for science journalists in dealing with scientists?**
33. **What are the biggest challenges for science journalists in dealing with the public?**



34. What are the biggest challenges for science journalists in dealing with fellow journalists who do not have scientific knowledge?
35. Do you have science reference books and websites which you consult when writing your articles? If so, please list.
36. What types of science books do you enjoy reading and who are your favourite science authors?
37. What is your favourite book about science / the environment / health, and why?
38. Any other comments?