



**Vol. 18, No. 2 – 1988**

**SOUTH AFRICAN JOURNAL  
OF ANTARCTIC RESEARCH**

**SUID-AFRIKAANSE TYDSKRIF  
VIR NAVORSING IN  
ANTARKTIKA**

Gough

Marion



# Instructions to Authors

(Afrikaans – sien binnekant van agterblad)

**Editorial policy:** The Journal is multidisciplinary. Full-length papers and short communications on original South African Antarctic research, reviews of related research activities, and notes on current activities, participation in South African Antarctic and sub-Antarctic expeditions, and South African representation on related international working groups will be considered for publication. Submission of a manuscript will be taken to imply that the material is original and that no similar paper has been or will be submitted for publication elsewhere. Research contributions will be sent to at least two referees for assessment.

**Presentation of manuscripts:** Contributions may be written in English or Afrikaans. The original typescript and two clear copies (each complete with tables and figures) should be submitted. Typing should be on one side of the paper only, in double or triple spacing with generous margins. Journal production techniques also enable typesetting direct from electronic copy of the revised manuscript. Therefore, if MSDOS-based PC wordprocessing software has been used to prepare the manuscript, the disk carrying the revised version should also be submitted. This greatly expedites production of page proofs and it is recommended that authors adopt this practice.

The **first page(s)** should contain the title of the paper, the initials, name(s) and address(es) of the author(s), and the abstracts in this order.

The **title** must be short (not more than about twelve words) but sufficiently informative for use in title lists or in coding for information storage and retrieval.

The **abstracts** may be up to 200 words long and should reflect the contents of the paper factually and concisely in both official languages. It should be suitable for separate publication and adequate for indexing.

The **main text** should commence on a new page and be divided under subject headings. Pages should be numbered consecutively, each with a running title consisting of a shortened form of the title and the surname of the principal author. Indent all paragraphs except that which immediately follows a main heading, and avoid the division of words at the end of a line. Lengthy derivations etc. should appear in appendices, and numbering and footnotes should be avoided. Use spacing around equations and formulae to set them off from the text. Use the solidus for simple fractions, adding the necessary parentheses. If braces and brackets are required, use built-up fractions. Identify symbols in the margin ( $\chi$  should for instance be identified as the Greek lower case *chi*) and give the meanings of all symbols and variables in the text immediately after the equations. Equation numbers appear in parentheses after and in line with the equation, against the right-hand margin. Use the SI metric system for units of measurement. Spell out numbers from one to nine and use numerals for larger numbers,

groups of numbers, fractions or units (e.g. three, 8 to 16,4 kg/ha, 30 sledges). Refer to all tables and figures in the text and indicate approximately where they should appear. Consult recent issues of the Journal (from Volume 14) for typographical conventions.

**References:** All references cited should include the author's name and date of publication in parentheses. Personal communications and unpublished work cited in the text should include the author's name and initials and the date, but should not appear in the list of references. References should be listed alphabetically by authors' surnames, and women's first names should be spelt out. Journal names must be abbreviated according to the *World List of Scientific Periodicals*. Underline only abbreviations of journals' names:

WILLIAMS, M.H. & GLEDHILL, J.A. 1974. F2 critical frequencies at pairs of Antarctic stations at the same latitude. *J. atmos. terr. Phys.* 36: 647-655.

SCHULZE, B.R. 1971. The climate of Marion Island. In: Marion and Prince Edward Islands; report on the South African biological and geological expedition, 1965-1966, eds E.M. van Zinderen Bakker, J.M. Winterbottom and R.A. Dyer. A.A. Balkema, Cape Town.

**Tables:** These should be typed on separate pages and grouped together at the end of the manuscript.

**Figures:** These must be drawn with dense Indian ink on good quality drawing or tracing paper. Observe the proportions of the printed area of the Journal's pages when planning illustrations (each column is 84 mm wide by 248 mm high, and a page is 173 mm wide). Allow space for the caption when presenting a figure that will occupy a whole column or page. Lettering on figures should not be of the bold type, and not larger than 10 pt. Use a soft pencil to write the name(s) of the author(s) and the figure number on the back of each illustration. Include typewritten captions on a separate page at the end of the manuscript. Glossy black-and-white prints of photographs with sharp contrasts will be accepted only if they enhance the scientific value of the manuscript. These should be included as figures.

**Acknowledgements:** These should be brief and direct and should be made only in respect of assistance falling outside the normal duties of the parties concerned.

**Reprints:** 100 reprints are provided free of charge to the sole or principal author, who must see to an equitable distribution if more than one author is concerned. No additional reprints may be ordered.

**Manuscripts** for publication should be submitted to the Editor, Foundation for Research Development, CSIR, P.O. Box 395, Pretoria, 0001.

## South African Journal of Antarctic Research Suid-Afrikaanse Tydskrif vir Navorsing in Antarktika Vol. 18, No. 2, 1988



A South African National Antarctic Programme publication issued under the auspices of the South African Scientific Committee for Antarctic Research (SASCAR) and funded by the Department of Environment Affairs.

'n Suid-Afrikaanse Nasionale Antarktiese Program publikasie uitgegee onder beskerming van die Suid-Afrikaanse Wetenskaplike Komitee vir Antarktiese Navorsing (SAWKAN) en deur die Departement Omgewingsake gefinansier.

Scientific Editor  
Wetenskaplike Redakteur Dr P.R. Condy  
Editorial Committee Dr G.S. Baker  
Redaksiekomitee Prof. J.D. Skinner  
Mr R.W. Vice  
Technical Editor Mrs H. Ridder

All contributions and correspondence to be addressed c/o The Editor, South African Journal of Antarctic Research, FRD, CSIR, P.O. Box 395, Pretoria, 0001.

Alle bydraes en korrespondensie moet gerig word p/a Die Redakteur, Suid-Afrikaanse Tydskrif vir Navorsing in Antarktika, SNO, WNNR, Posbus 395, Pretoria, 0001.

Produced and distributed on behalf of SASCAR by the Foundation for Research Development, CSIR, P.O. Box 395, Pretoria, 0001.

Versorg en versprei namens SAWKAN deur die Stigting vir Navorsingsontwikkeling, WNNR, Posbus 395, Pretoria, 0001.

Printed in the Republic of South Africa by the Graphic Arts Division of the CSIR.

In die Republiek van Suid-Afrika gedruk deur die Afdeling Grafiese Kunste van die WNNR.

ISSN 0081-2455

### Contents — Inhoud

The marine fish fauna of the sub-Antarctic Prince Edward Islands	<i>O Gon and N T W Klages</i>	32
The fishes collected during the South African SIBEX I + II expeditions to the Indian sector of the Southern Ocean (60-66°S, 48-64°E)	<i>O Gon</i>	55
South African National Committee for SCAR 1988		71
South African Members of SCAR, SCAR Working Groups and SCAR Groups of Specialists 1988		71
Direction of South African National Antarctic Research Projects 1988		72
Members of the 29th South African National Antarctic Expedition 1988-1989		73
Members of the 45th South African Expedition to Marion Island 1988-1989		74
Members of the 34th South African Expedition to Gough Island 1988-1989		74