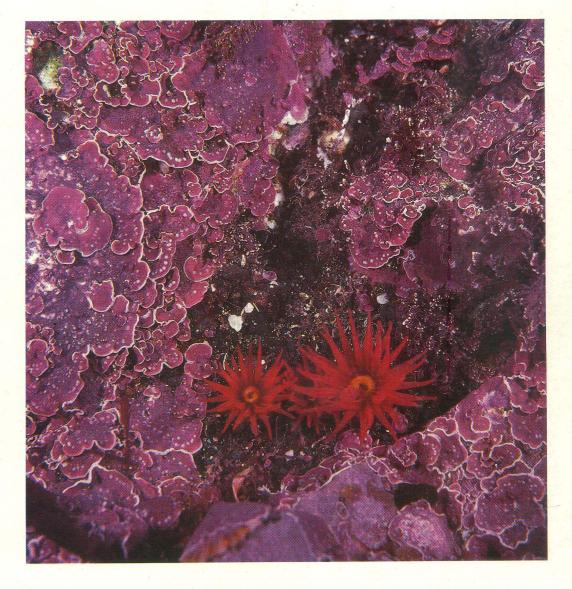
# SOUTH AFRICAN JOURNAL OF ANTARCTIC RESEARCH



## SUD-AFRIKAANSE TYDSKRIF VIR NAVORSING IN ANTARKTIKA

0

### INSTRUCTIONS TO AUTHORS

#### (Afrikaans - op binnekant van agterblad) **Editorial** policy

The Journal is multidisciplinary. Full-length papers and short communications on original 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. The editor has the right to edit manuscripts, which can be checked by authors on the page proofs.

#### 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. Contributions may also be submitted on a floppy disc (accompanied by two typed copies). It should be of such a format that it could be imported into the software packages Word Perfect 5.1 or Framework 3. Please note that the discet drive in use is a 360K.

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

The title must be short (not more than about 12 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 preferably in both English and Afrikaans. It should be suitable for separate publication and adequate for indexing.

#### **Typographical** guidelines

The main text should commence on a new page and be divided under subject headings. Pages should be numbered consecutively. Indent all paragraphs except that which immediately follows a main heading, and avoid the division of words at the end of a line as far as possible. 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 ( $\varkappa$  should for instance be identified as the 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 ten and use numericals for larger numbers, groups of numbers, fractions or units (eg 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.

#### References

All references cited should include the author's name and date of publication in parentheses. Personal communication and unpublished work cited in the text should include the author's name and initials and the date, but should, as a rule, not appear in the list of references, unless necessitated by exceptional circumstances. References should be listed alphabetically by author's surnames. Journal names must be abbreviated according to the World List of Scientific Periodicals and typed in italics or be underlined. Some examples:

WILLIAMS MH & GLEDHILL JA 1974. F2 critical frequencies at pairs of Antarctic stations at the same latitude. J. atmos. terr. Phys. 36: 647-655

LUTJEHARMS JRE & STOCKTON PL 1987. Kinematics of the upwelling front off Southern Africa. In: The Benguela and Comparable Ecosystems, eds AIL Payne, JA Gulland & KH Brink, S. Afr. J. Mar. Sci. 5: 35-49 Punctuation

Please note that fullstops are not used in abbreviations and between and after initials, except in the cases of scientific names and abbreviations of journals' names. Tables

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

#### Figures

These must be of such a quality that they are reproducible, meaning that either the original artwork or a bromide (reproduction by a reproduction camera) thereof, should be submitted. Please observe the proportions of the printed area of the Journal's pages when planning illustrations - each column is 84 mm wide and 261 mm deep, and a page is 176 mm wide. Use a soft pencil to write the figure number on the back of each illustration. Include typewritten captions on a separate page at the end of the manuscript. Black and white photographs with sharp contrasts and colour slides will be accepted only if they enhance the scientific value of the manuscript. These should be included as illustrations. An exceptional colour slide for use on the Journal's front cover may also be submitted.

#### 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.

#### Address

Manuscripts for publication should be submitted to The Editor South African Journal for Antarctic Research Private Bag X447 PRETORIA 0001

### SOUTH AFRICAN JOURNAL OF ANTARCTIC SUD-AFRIKAANSE TYDSKRIF VIR NAVORSING IN ANTARKTIKA VOL 22 NO 1& 2 1992 A South African National Antarctic Programme publication issued under the auspices of the South African Committee for Antarctic Research (SACAR) is funded by the Department of Environment Affairs. 'n Suid-Afrikaanse Nasionale Antarktiese Program-publikasie uitgegee onder beskerming van die Suid-Afrikaanse Komitee vir Antarktiese Navorsing (SAKAN) en gefinansier deur die Departement van Omgewingsake Editor in chief/Hoofredakteur Prof JRE Lutjeharms Editorial committee/Redaksiekomitee Dr JR Krynauw Mr/Mnr DGM Miller Prof JD Skinner Prof ADM Walker Mr/Mnr HJC van den Berg Aspects of the ecology of Technical editor/Tegniese redakteur Miss/Mej JW de Klerk O Gon, D Mostert Administrative/Administratief Mrs/Mev A van Deventer All contributions and correspondence to be addressed to Alle bydraes en korrespondensie moet gerig word aan

The Editor/Die Redakteur South African Journal of Antarctic Research/ Suid-Afrikaanse Tydskrif vir Navorsing in Antarktika Private Bag/Privaatsak X447 0001 PRETORIA RSA

> Produced and distributed on behalf of SACAR by the Department of Environment Affairs, Private Bag X447, Pretoria 0001. Versorg en versprei namens SAKAN deur die Departement van Omgewingsake, Privaatsak X447, Pretoria 0001.

#### CONTENTS/INHOUD

Lipid content and compose copepods from the Prince C G Attwood, K D Hea

Volcanological features an Marion Island ..... L Chevallier, W J Verwe J G du Plessis, L M Fei

Status of Plutella xylostel. colonisation ..... S L Chown, N Avenant

Feeding biology of Acantl tylidae) at Tristan da Cun T G Andrew, T Hecht

Microhabitat temperatures S L Chown, J E Craffor

zone of the sub-Antarctic

Representatives for 1991	on Nationa
Representatives for 1992	on Nationa
Climatological d stations for 1991	lata for So
Climatological d stations for 1992	lata for So 2
Front cover:	Sea-anemo

Voorblad:

sition of sub-Antarctic euphausiids and e Edward Islands a <b>rshaw</b>	3
nd preliminary geophysical investigations on oerd, P Bova, E Stettler, A du Plessis, rnandez, M Nel	15
la at Marion Island six years after its	37
holatris monodactylus (Pisces: cheilodac- ha and Gough Island, South Atlantic	41
at Marion Island (46°54' S 37°45' E)	51
two nototheniid fish species in the inshore Marion Island	59
al and International Antarctic Committees	68
al and International Antarctic Committees	72
outh African Antarctic and sub-Antarctic	75
outh African Antarctic and sub-Antarctic	77

iones in the inshore zone of Marion Island. Photo: Ofer Gon See-anemone digby die kus van Marion-eiland. Foto: Ofer Gon