

Noticeboard

Diary

☞ Further dates for your diary

1991

- 30 January–
2 February ☞ **Nordic Conference on Cold.** University of Tromsø, Norway. Contact: Nordic Council of Arctic Medical Research, Aapistie 3, SF-90220 Oulu, Finland
- 26–28 February ☞ **Sixth International Conference on Cold Regions: Cold Regions Engineering Technology in the 21st Century.** Hanover, New Hampshire. Contact: Devinder Sodhi, CRREL, 72 Lyme Road, Hanover NH 03755-1290, USA
- 15–19 April ☞ **XVI Consultative Meeting of the Contracting Parties to the Antarctic Treaty Preparatory Meeting.** Bonn, Germany.
Contact: Dr K. Messer, Auswärtiges Amt (Foreign Affairs), AS 504, Postfach 11 48, D-5300 Bonn 1, Germany.
- 29 April–1 May ☞ **Workshop on Cold Region Mechanical Weathering.** Centre de Geomorphologie du CNRS, Caen, France. Details from: Dr J P Lautridou, Centre de Geomorphologie du CNRS, Rue des Tilleuls, 14000 Caen, France.
- 3–6 May ☞ **Symposium on Periglacial Environments in Relation to Climatic Change.** Maastricht, Amsterdam, Netherlands. IGU Commission on Frost Action Environments. Organizer: Professor J. Vandeberghe, Institute of Earth Sciences, Free University, De Boelelan 1085, 1081 HV Amsterdam, The Netherlands.
- 3–6 June ☞ **Symposium on the Tropospheric Chemistry of the Antarctic Region.** Boulder, Colorado. Contact: Dr B Bodhaine, Antarctic Symposium, NOAA/CMDL-R/E/CG1, 325 Broadway, Boulder, CO 80303-3328, USA.
- 16–21 June ☞ **International Symposium on Cold Region Development.** Edmonton Convention Centre, Edmonton, Alberta, Canada. Contact: Shirley Kwan ISCORD 91, P.O. Box 8330. Postal Station 'F', Edmonton, Alberta, Canada T6H 5X2.
- 24–28 June ☞ **Gondwana VIII.** Hobart, Tasmania. (Delegates should note that dates have been changed)
Convener: Dr R.H. Findlay, Department of Resources and Energy, Box 56, Tasmania 7018, Australia.
- 2–9 August ☞ **XIII INQUA Congress.** Beijing, China.
Details from: Secretariat, XIII INQUA Congress, Chinese Academy of Sciences, 52 Sanlike, Beijing 100864, China.
- 4–10 August ☞ **Fourth International Phycological Congress,** Duke University. North Carolina.
Details from: Congress Secretariat, Department of Botany, Duke University, Durham, North Carolina 27706, USA.
- 5–9 August ☞ **6th Chilean Geological Congress,** Viña del Mar. Contact Dr J Corvalan, Servicio Nacional de Geologia y Minería-Chile, Avenida Santa Maria 0104, Casilla 1347, Santiago, Chile.
- 11–15 August ☞ **First International Offshore and Polar Engineering Conference.** Secretariat Address: ISOPE-91 Edinburgh, 4 Frederick Sanger Road, Surrey Research Park, Guildford, Surrey GU2 5YJ, UK.
- 11–24 August ☞ **XX IUGG General Assembly.** Vienna, Austria.
Details from: IUGG 91 Organizing Committee, c/o ZAMG, Hohe Warte 38, A-1190 Vienna, Austria.
- 26–30 August ☞ **Glaciology Relating to Human Activities,** Lanzhou, China. Contact: Secretary General, International Glaciological Society, Lensfield Road, Cambridge CB2 1ER, UK.
- 1–6 September ☞ **Symposium on the Physics and Chemistry of Ice.** Sapporo, Japan.
Details from: Norikazu Maeno, Institute of Low Temperature Science, Hokkaido University, Sapporo 060, Japan.
- 10–13 September ☞ **Second WMO Operational Ice Remote Sensing Workshop.** Ottawa, Ontario, Canada.
Contact: D. Mudry, Ice Centre Environment Canada, 373 Sussex Drive, LaSalle Academy Block E, Ottawa, Canada.

- 9–13 September **Sixth International Symposium on Antarctic Earth Sciences.** Ranzan-Machi, Saitama, Japan. Convener: Prof. Y. Yoshida, National Institute of Polar Research, Kaga 1-9-10, Itabashi-ku, Tokyo 173, Japan.
- 18–21 September **SCAR–SCOR BIOMASS Colloquium.** Alfred-Wegener-Institut, Bremerhaven, Germany.
Contact: Mrs Dr S. Schiel, Alfred-Wegener-Institut für Polar- und Meeresforschung, Postfach 1201612, Columbusstraße, D-2850 Bremerhaven, Germany.
- 22–27 September **XII International Congress of Carboniferous and Permian Stratigraphy and Geology.** Buenos Aires, Argentina. Contact: XII ICC-P, Division of Paleobotanica, Museo Argentino de Ciencias Naturales 'B. Rivadavia', Av. Angel Gallardo 470, 1405 Buenos Aires, Argentina.
- 23–28 September **SCAR Antarctic Science Conference.** Bremen, Germany.
Contact: Dr H. Kohnen, Alfred-Wegener-Institut für Polar- und Meeresforschung, Postfach 120161, Columbusstraße, D-2850 Bremerhaven, Germany.
- September **Sixth International Symposium on Ground Freezing.** Beijing, China.
Details from: Hans Jessberger, Ruhr-Universität Bochum, PO Box 102148, D-4630 Bochum 1, Germany.
- 30 September–
2 October **Antarctic Challenge IV Conference.** Bremen, Federal Republic of Germany.
Details from: Prof. Dr R. Wolfrum, Institut für Internationales Recht, Olshausenstraße 40, D-2300 Kiel 1, Germany.
- 3–4 October **Magmatism and the Causes of Continental Break-up.** Geological Society, Burlington House, London. Contact: Dr Bryan C Storey, British Antarctic Survey, High Cross, Madingley Road Cambridge, CB3 0ET, UK.
- 7–18 October **Antarctic Treaty Consultative Meeting – XVI.** Bonn, Germany.
Contact: Dr K. Messer, Auswärtiges Amt (Foreign Affairs), AS 504, Postfach 11 48, D-5300 Bonn 1, Germany.
- 11–15 November **V International Circum-Pacific Terrane Conference.** Santiago, Chile. Convener: Francisco Herve Departamento de Geología y Geofísica, Universidad de Chile, Casilla 13518 Corro 21, Santiago, Chile
- 12–15 November **International Design for Extreme Environments Assembly.** University of Houston. Contact: Larry Bell, Sasakawa International College of Architecture, University of Houston, 4800 Calhoun, Houston, Texas 72004, USA.

PLEASE NOTIFY US OF YOUR MEETINGS — DIARY ENTRIES ARE FREE

News

Discovery Reports for sale

The Discovery Reports constituted the principal results of investigations in the Antarctic and other waters in the Southern Hemisphere undertaken by the Discovery Committee during the cruises of the Royal Research Ships *Discovery*, *Discovery II* and *William Scoresby* between 1925 and 1951.

The report series, now terminated, was published between 1929 and 1980 and consists of 187 papers in 37 volumes. Separate parts were issued in the order in which they were submitted, so that division into volumes is independent of subject matter. The papers cover a wide variety of topics including biology and ecology, hydrology and hydrography, geography and geology, fish and phytoplankton as well as complete and detailed station lists. Remaining parts are now offered at sale prices to reduce stocks. Interested institutions and individuals should write to Pauline Simpson, IOSDL, Wormley, Godalming GU8 5UB, Surrey, UK, enclosing a self addressed envelope, for a list of what is available.

Stratigraphical notes - a new forum

The increased research activity in Antarctica by geologists of many nations has resulted in the proliferation of new stratigraphical names and lithostratigraphical schemes. Because a significant proportion of these are published in national journals, which may not be readily available in other countries, names are being overlooked and rock units unwittingly renamed. To help resolve this problem, **Antarctic Science** is offering to promote the dissemination of new Antarctic stratigraphical terminology by instituting a **Stratigraphical notes** section to advertise the publication of new rock unit names and schemes. Contributions will be accepted on the following terms:

1. **Stratigraphical notes** will be brief summaries of new terminology and new or revised schemes for the naming and classification of sedimentary, igneous and metamorphic rock units from Antarctica, which must have been fully documented in a recently published paper. They do not constitute a vehicle for original proposals of new names. However, the editors of **Antarctic Science** would welcome the submission of full papers which address stratigraphical topics.
2. In addition to such bibliographic references as may be necessary for description or discussion, contributions must include proper reference to the paper in which the new terminology is published in full.
3. Contributions should preferably be no more than one printed page in length and may not exceed two pages. Style and layout should follow that given in *Instructions for Authors*, published in the first issue of **Antarctic Science** each year.
4. Contributions should summarize only the relevant stratigraphical information from a paper. **Stratigraphical notes** are not intended to be used for extended abstracts of whole papers.
5. The known extent of new units and their type sections or type localities must be clearly identified on an accompanying map. Where such maps are already published in the original description, authors must provide the editors of **Antarctic Science** with written permission for reproduction from the publisher.
6. Provided that contributions are properly prepared and require only minimal editing, publication will normally be within 6 months of manuscript receipt.

Other problems have arisen because geologists of different nations work to different standards and codes of nomenclature. At their meeting with XXI SCAR in São Paulo, July 1990, the Working Groups on Geology and Solid Earth Geophysics recommended that geologists working in Antarctica should adhere to the stratigraphical principles outlined in HEDBERG, H.D. ed 1976. *International stratigraphic guide. A guide to stratigraphic classification, terminology and procedure*. New York: John Wiley & Sons, 200 pp. An *ad hoc* group was set up under Dr C.A. Ricci (University of Sienna) to consider the special problems pertaining to the naming of igneous and metamorphic units and to formulate recommendations for suitable schemes that may be used internationally in Antarctica.

M.R.A. THOMSON

Mining ban

Australia plans to legislate to ban all mining, including oil drilling, in Australian Antarctic Territory.

SCAR News

At XXI SCAR in Sao Paulo, Brazil during July 1990 Dr R.M. Laws (UK) was elected President of SCAR 1990–94 in succession to Dr C. Lorius. Professor C.R. Bentley (USA) and Dr C.A. Rinaldi (Argentina) were elected Vice-Presidents, 1990–94. Dr J.H. Zumberge and Professor E.S. Korotkevich retired after completing their tenure of office as Vice-Presidents.

Collaborative geoscience in the South Shetland Islands — GOGS

As a result of discussions by the SCAR Working Groups on Geology and Solid Earth Geophysics, at their meeting with XXI SCAR in São Paulo, July 1990, an initiative was taken to set up a workshop with the dual aims of identifying the major geological problems in the South Shetland Islands and promoting an integrated international approach to their investigation. Under the name of its acronym COGS, the workshop will be held in conjunction with the 6th International Symposium on Antarctic Earth Sciences in Tokyo, September 1991. For those unable to go to Tokyo, a pre-workshop meeting will be held in conjunction with the 6° Congreso Geológico de Chile in Viña del Mar, August 1991. Copies of COGS Circular No. 1 are available from Dr M.R.A. Thomson, SCAR Working Group on Geology, c/o British Antarctic Survey, High Cross, Madingley Road, Cambridge, CB3 0ET, U.K.. Details of the workshops and a bibliography of geological investigations in the South Shetland Islands will be issued shortly to those responding to the questionnaire in the first circular.

Astronomy from Antarctica

Antarctica may become the site of an international centre for astronomy to give the clearest possible views for monitoring infrared and submillimetre radiation. France, Italy, Soviet Union, Germany and Austria have expressed interest in the idea, which was proposed by the United States. Astronomers are considering a site in East Antarctica at an altitude of 4000 to 4200 metres. A prefabricated station, staffed by 8 to 10 people all year round is envisaged.

Just published: the proceedings of a symposium held in Potsdam, 11–14 September 1989, to celebrate 30 years of research in Antarctica by the GDR (see *Antarctic Science*, 1, p.377).

PAECH, H.-J. & FRITZSCHE, D., eds. 1990. *Antarctic research, vol. I: Earth and atmospheric sciences*. Berlin: Nationalkomitee für Geodäsie und Geophysik bei der Akademie der Wissenschaften der DDR. Geodätische und geophysikalische Veröffentlichungen, Reihe 1, Heft 15, 1-280

PAECH, H.-J. & FRITZSCHE, D., eds. 1990. *Antarctic research vol. II: Glaciology and periglacial processes, Sea ice analysis, Hydrology, Life Sciences*. Berlin: Nationalkomitee für Geodäsie und Geophysik bei der Akademie der Wissenschaften der DDR. Geodätische und geophysikalische Veröffentlichungen, Reihe 1, Heft 16, 281-511.

Note to Contributors

All contributors are reminded that *Antarctic Science* does **not** redraw illustrations or photograph figures for them. It is the author's responsibility to supply adequate copies of all illustrations. Failure to do so is likely to delay publication.

Map of Antarctica

Many of the location maps, in papers submitted to *Antarctic Science* are based on out-of date outlines which do not take account of recent satellite information. The journal is a shop window for Antarctic scientists and, as such the Editors feel that the papers in it should be based on the most up-to date information possible. Authors are requested to use the outline reproduced here, prepared by British Antarctic Survey Mapping and Geographic Information Centre from Drewry (1983—*Glaciological and geophysical map folio*) and updated using the latest satellite imagery. You may either photocopy the above outline or request a print at 1:20 000 000 scale from the Editors.

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