

Noticeboard

Diary

☞ Further dates for your diary

1991

- 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.
- 7–12 July ☞ **CRYO 1991.** Society for Cryobiology. University of Leuven, Belgium. Contact: Professor Dr W. De Loecker, Afd. Biochemie, Campus Gasthuisberg, B-3000 Leuven, Belgium.
- 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, Chile. Contact Dr J. Corvalán, Servicio Nacional de Geología 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 IGBP Global Change Research in Antarctica: Strategy Planning Workshop.** Bremerhaven, Germany. Convener: G Weller, Geophysical Institute, University of Alaska, Fairbanks, Alaska.
- 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 120161, Columbusstraße, D-2850 Bremerhaven, Germany.
- 22–29 September ☞ **3rd International Symposium on Jurassic Stratigraphy.** Université de Poitiers, Géologie stratigraphique et structurale, 40 Avenue du Recteur Pineau, 86022 Poitiers, Cédex, France.
- 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

- 23–27 September Naturales 'B. Rivadavia', Av. Angel Gallardo 470, 1405 Buenos Aires, Argentina.
Antarctic Science — Global Concerns. SCAR International Conference. Bremen, Germany.
 Contact: Prof. G. Hempel, 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.
- 21–25 October ☞ **Chapman Conference on Auroral Plasma Dynamics.** Minneapolis. Convener: R.L. Lysak, University of Minnesota, School of Physics and Astronomy, Minnesota 55455, USA.
- 6–8 November ☞ **NAV 91 Satellite Navigation.** The 1991 International Conference. Further details: the Royal Institute of Navigation, 1 Kensington Gore, London SW7 2AT.
- 11–15 November ☞ **V International Circum-Pacific Terrane Conference.** Santiago, Chile. Convener: Francisco Hervé Departamento de Geología y Geofísica, Universidad de Chile, Casilla 13518 Correo 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.

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- 21–25 April ☞ **2nd International Conference on Cryobiology and Cryomedicine.** Kharkov, USSR. Contact: The Organizing Committee, Institute for Problems of Cryobiology and Cryomedicine of the UkrSSR Academy of Sciences, 23 Pereyaslavskaya Street, Kharkov 310015, USSR.
- 8–19 June ☞ **XXII SCAR Meeting.** Bariloche. Contact: L.R. Fontano, Instituto Antartico Argentino, Cerrito 1248, Buenos Aires, Argentina.
- 3 August–
3 September ☞ **4th International Organization of Paleobotany Conference.** Paris. Contact: Secretariat, 4th I.O.P. Conference Paléobotanique et Palynologie évolutives, Université Paris VI, 12 Rue Cuvier, 75005 Paris, France.
- 24 August–
3 September ☞ **International Geological Congress.** Kyoto, Japan. Contact: Secretary General IGC–92 Office, PO Box 65, Tsukuba, Ibaraki 305, Japan

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- 5–9 July ☞ **International Symposium on Biology and Ecology of Southern Ocean Cephalopods.** Kings College Cambridge, UK. Convenor: Dr Paul Rodhouse, British Antarctic Survey, High Cross, Madingley Road, Cambridge, CB3 0ET.
- 23–29 August ☞ **Third International Conference on Geomorphology,** McMaster University Ontario. Contact: Derek Ford or Brian McCann, McMaster University, Hamilton, Ontario, Canada L8S 4K1

PLEASE NOTIFY US OF YOUR MEETINGS — DIARY ENTRIES ARE FREE

News

Marine Ornithology: a newly named seabird journal

In 1990, *Cormorant*, the international journal of the African Seabird Group, was renamed *Marine Ornithology*. The new title is more descriptive of the journal's global coverage of seabird studies. Seabird researchers throughout the world are encouraged to submit full-length papers and short communications. There are no page charges. Short commentaries on issues that can be controversial are welcome. *Marine Ornithology* utilizes desk-top publishing and has an international editorial board and refereeing system. It is currently abstracted or indexed in ten databases. Further information from John Cooper, editor, *Marine Ornithology*, c/o Fitzpatrick Institute, University of Cape Town, Rondebosch 7700, South Africa. For information on subscribing and obtaining back numbers from Vol. 1 of 1976 and other African Seabird Group publications, write to the African Seabird Group, P.O. Box 34113, Rhodes Gift 7707, South Africa.

Map of Antarctica

The outline map of Antarctica, reproduced in *Antarctic Science*, 2, p.375, is now available in digital form. The map on disk can be obtained from the Editors at a reproduction cost of £10. Please note that payment must be made in advance and in pounds sterling only. Cheques should be made payable to the Natural Environment Research Council.

The following formats can be provided:

SIF (Intergraph Standard Interchange format), OSTF, MOSS, NTF, DXF, Informap, SYSSCAN, MGD 77, CEDD, ARC/INFO, DLG, SICAD/GDB and MSDS. Other formats are available on request at an additional charge.

Three million year old leaves near the South Pole

Well-preserved fossil leaves of the southern beech, *Nothofagus* have been found, by David Harwood, University of Nebraska, near the Beardmore Glacier in the Transantarctic Mountains. The leaves are believed to be about 3 m.y. old and are being studied by Bob Hill of the University of Tasmania. (*New Scientist*, 9 February 1991).

More dinosaurs from Antarctica

On December 29 1990, vertebrate remains were found in the upper part of the Falla Formation on Mount Kirkpatrick. The large fossilized bones from this site appear to be from one or two individual dinosaurs; a wide range of elements including a partial skull and an isolated tooth were collected. The sharp, serrated tooth apparently belongs to a carnivorous theropod. Preparation of the specimens is being undertaken at Augustana College. (David Elliot & Bill Hammer).

Geological evolution of Antarctica

The long-awaited proceedings of the Fifth International Symposium on Antarctic Earth Sciences, August 1987, have now been published by Cambridge University Press. The volume is edited by M.R.A. Thomson, J.A. Crame & J.W. Thomson, has 722 pages and costs £50. ISBN 0 521 37266 6.

Forthcoming papers in *Antarctic Science*

Antarctic Science, now in its third successful year, is attracting a growing number of papers from the international Antarctic community. Forthcoming papers include: First articulated teleost fish from the Palaeogene of West Antarctica by Jerzemska; Assessment of *Euphausia superba* at Prydz Bay by Miquel; Chimaeroid fish remains from Seymour Island by Ward & Grande; Ecological and physiological investigations in cryptogams by Kappen & Breuer; Freshwater stream ecosystems of James Ross Island by Hawes & Brazier; Interpretation of geomagnetic anomalies in Dronning Maud Land by Wagner & Lindner; Petrochemical and geochemical constraints on the genesis of the Mesozoic-Cenozoic magmatism of King George Island by Birkenmajer *et al.*; Population dynamics of *Sterechinus antarcticus* by Brey; Spatial distribution of microalgae on Antarctic fellfield soils by Davey & Clarke.

Correction

Volume 2, No. 4, December 1990. Review - Improvements in General Circulation Model performance in simulating Antarctic Climate by Ian Simmonds. Figs. 6(a) & 8 (a), pages 293 & 296 were interchanged.