

OCTOBER 2003

Pacific Circle News

BULLETIN NO. 11

ISSN 1520-3581

Contents

Tacine Office Trend	
IUHPS/DHS News	
HSS News	
Pacific Watch	
Conference and Society Reports3	
Future Conferences and Calls For Papers4	
Exhibitions and Museums7	
Employment, Grants and Prizes7	
Research, Achives and Collections: Print & Electronic 8	
Book and Journal News8	
Book Reviews9	
Selected Pacific Bibliography12	
Subscription Information	
Bulliten Staff	
Correspondents	
Pacific Circle Officers	

PAC Q124.6.B85

PACIFIC CIRCLE NEWS

Members' News

Congratulations to **Gregory T. Cushman**, who was recently appointed Assistant Professor of Global Environmental History at the University of Kansas in Lawrence. He also continues to study Latin American history and the history of science and technology. Greg promises to publicize on the Great Plains the importance of the Pacific Ocean and the Southern Hemisphere to global climate and cultural history.

Roy Macleod travels to the University of Le Havre to give a set of seminars this October on Science and Geopolitics in the Pacific, with a particular focus on nuclear policy. The seminars will be held at the prominent French university's postgraduate Pacific Studies Program.

Forthcoming Meetings

Richard Tucker invites Pacific Circle members to participate at the upcoming annual conference of the American Society for Environmental History, to be held in Vancouver on March 31 through April 4, 2004. The conference will meet in conjunction with the National Council on Public History. Richard notes that the Society is eager to include as wide a variety of disciplines and topics as possible.

David Stump encourages participation in the Fifth Congress of HOPOS, the International Society for the History of Philosophy of Science. The Congress meets June 24-27, 2004 in San Francisco, California and is open to scholarly work on the history of philosophy of science from any disciplinary perspective. Please refer to the notice below for information about submitting panel and paper proposals.

IUHPS/DHS NEWS

The web site of the Division of the History of Science includes information about the Division, a selection of Internet links, news and a Database of Historians of Science. The address is: http://ppp.unipv.it/dhs. The Division encourages scholars to register their names and interests at this site.

Liu Dun, Director of the Institute for the History of Natural Science in Beijing, invites scholars to attend the 22nd International Congress of History of Science in 2005. The theme will be "Globalization and Diversity: Diffusion of Science and Technology Throughout History." That year also marks the 100th anniversary of Einstein's three major contributions to modern physics. The Congress will include plenary lectures, symposia and special exhibitions to honor that anniversary. For more information, please contact: The Secretariat of the 22nd ICHS, Institute for History of Natural Science, Chinese Academy of Sciences, 137 Chao Nei Street, Beijing 100010, P.R.C. Email: 2005bj@ihns.ac.cn. The conference web site is http://2005bj.ihns.ac.cn.

HSS NEWS

As many of you already know, HSS has officially moved. The new postal address is: University of Florida, P. O. Box 117360, 3310 Turlington Hall, Gainesville, FL 32611-7360. For email communications, contact info@hssonline.org.

Please mark your calendars: next year's annual HSS meeting is scheduled for November 18-21, 2004 in Austin, Texas. This will be a joint meeting with PSA. For further information about the meeting, please visit the HSS web site at www.hssonline.org.

The Society welcomes nominations for its various prizes. Information on nominating a colleague (or yourself) can also be found at www.hssonline.org.

PACIFIC WATCH

Interested in the history of science in Latin America? Please visit the web site at http://www.ictal.org. This "bulletin board" provides a venue for scholars by posting news, articles and links to other relevant web pages. The site is sponsored by the Instituto de la Ciencia y la Tecnologia en America Latina (ICTA).

CONFERENCE and SOCIETY REPORTS

The British Society for the History of Science Programme Secretary welcomes proposals for meetings and conferences promoted either by BSHS or jointly with other societies. Contact Dr. Geoff Bunn at g.bunn@nmsi.ac.uk or c/o Science Museum, Exhibition Road, London SW7 2DD, England.

The International Conference on Environmental History of Asia was held on December 4-7, 2002 at Jawaharlal Nehru University in New Delhi. The conference was sponsored and organized by the University's Zakir Husain Centre for Educational Studies and the University of Sussex. About three hundred participants from all over India and abroad attended over twenty different paper sessions. Papers were on subjects including or related to, but not limited to, the histories of the environment, pre-colonial, colonial and post-colonial forest conversation and management, river control, flood control, management of national parks, ornithology, arable expansion, climate history and change, disease epidemiology, tourism and the environment, the timber trade, public health, the medical profession, and environmental justice.

Magsaysay Award winner Mr. Chandi Prasad Bhatt, a leading figure in the Chipko Movement, inaugurated the conference, stressing the importance of the coming together of both academics and the general populace working at the grassroots level. He shared his personal and professional experiences. **Prof. Deepak Kumar**, a Pacific Circle member, and Dr. Richard Grove introduced the conference theme and suggested the significance of the "History of Water, Health, Forest and Commons." Prof. Kumar emphasized that one of the conference goals was to bring together researchers from different disciplines and regions so that a richer understanding of the responsibility and role of writing environmental history might emerge.

The conference concluded with a panel discussion chaired by Dr. Rohan D'Souza of Sussex University. In addition to summing up the arguments of the conference, panelists and audience members raised new questions and research areas, such as: how does one differentiate environmental history from any other history?

FUTURE CONFERENCES and CALLS FOR PAPERS

1-5 October, 2003. "Islands and Coastlines Conference" on Norfolk Island, Australia, organized by the Australian Association for Maritime History and the Australasian Society for Historical Archaeology. The conference will focus on all aspects of maritime history and historical archaeology of island and coastal communities. This is an inter-disciplinary conference and the organizers encourage participants to consider island and coastal communities, as well as the roles of the sea in human history in the widest sense. Please address queries to: Dr. Mark Saniforth, Program

Convenor, Islands and Coastal Communities Conference, Department of Archaeology, Flinders University, GPO Box 2100, Adelaide, South Australia, 5001. Email: mark.staniforth@flinders.edu.au. Fax: (08) 8201-3845.

18-21 November 2003. 6th International Conference on the Environmental Management of Enclosed Coastal Seas to be held in Bangkok, Thailand. The conference theme is "Comprehensive and Responsible Coastal Zone Management for Sustainable and Friendly Coexistence between Nature and People." For information, please write: EMECS 2003 Secretariat, c/o Environmental Research Institute, Chulalongkorn University, Patumwan, Bangkok 10330, Thailand. Email: secretariat@emecs2003.com. Please visit the official website at http://www.emecs2003.com.

24-27 June 2004. Fifth Congress of the International Society for the History of Philosophy of Science (HOPOS) to be held in San Francisco, California. The congress will be hosted by the University of San Francisco, with the cooperation of Stanford University and the University of California, Berkeley. Abstracts of between 250 and 500 words should be sent no later than January 1, 2004. The preferred format for submissions is plain ASCII text or RTF attachment submitted by electronic mail to hopos2004@umkc.edu with "HOPOS 2004 Submission" in the subject line of the email. Other submissions should include one paper copy and one copy in plain ASCII or RTF format on a 3.5 inch DOS diskette and be sent to: Menachem Fisch, Co-Chair, HOPOS 2004 Program Committee, The Cohn Institute for the History and Philosophy of Science and Ideas, Tel Aviv University, Ramat Aviv 61390, Israel. For more information about HOPOS and the conference, please visit: http://www.umkc.edu/scistud/hopos/.

25-27 Iune 2004. British Society for the History of Science Annual Conference to be held at Hope University College, Liverpool, England (the European Capital of Culture for 2008). Papers are invited in all areas of the history of science, technology and medicine. Suggestions for themed sessions are particularly welcome. BSHS subsidies are available for student members of the Society. Abstracts of papers (no more than 250 words) can be sent to Dr. Geoff Bunn, BSHS Program Secretary, Department of Psychology, Liverpool, Hope University College. Hope Park, Liverpool, L16 9JD, England. Email: bunng@hope.ac.uk. Please send abstracts no later than January 31, 2004. Further details about the conference will be posted on the Society's website at http://www.bshs.org.uk/conf/2004annual/.

- 4-7 August 2004. 10th International Conference on the History of Science in China to be held at Harbin Institute of Technology (HIT). For additional information, please contact Prof. Jiang Zhen-huan, School of Humanities and Social Sciences, Harbin Institute of Technology, Harbin 150001, P. R. China. Email: hitskb@hope.hit.edu.cn.
- 5-7 August 2004. 5th British-North American Joint Meeting of the BSHS, CSHPS, and HSS to be held in Halifax, Nova Scotia. The program committee invites proposals for sessions on the themes of "Circulating Knowledge." The theme has been chosen to encourage contributions on the following topics: the circulation of scientific knowledge between North America and Europe, and between these regions and elsewhere in the world; the formation of scientific knowledge through geographical displacement in the course of exploration, migration, trade, and fieldwork; the circulation of knowledge among scientific disciplines and research fields, and between science and other cultural domains; the circulation of scientific knowledge between expert practitioners and public audiences; the formation of scientific knowledge by translation between different languages, media, and forms of publication; and the part played in the creation of scientific knowledge by circulating texts, metaphors, images, objects, and artifacts. The meeting will be organized into sessions of three or four papers, with a commentator if appropriate. Proposals for complete sessions are encouraged; individual papers will also be considered. Proposals may be in French and/or English. Electronic submissions via the HSS website are encouraged. For additional information, please email: info@ hssonline.org. Proposals with abstracts (no more than 250 words per paper) are due no later than December 15, 2003.
- 14-16 October 2004. "Alexander von Humboldt: From the Americas to the Cosmos" to be held at the City University of New York. This conference celebrates the 200th anniversary of von Humboldt's journey of exploration of Central and South America, as well as his visit to the United States. The principal focus will be his activity in, relationship to, and impact on the Americas. Areas of interest include Humboldt's scientific work and publications, political ideas and advocacy of human rights, paintings, and travel writing. Paper proposals should include a concise abstract of no more than 300 words, a cover letter indicating the author's professional affiliation, and contact information. Please send proposals to the Program Committee, Humboldt Conference no later than February 1, 2004. By post: c/o Bildner Center for Western Hemisphere Studies, The Graduate Center/CUNY, 365

Fifth Avenue, Suite 5209, New York, NY 10016- 4309. By fax: 212-817-154. Email: bildner@gc.cuny.edu.

EXHIBITIONS and MUSEUMS

The Macleay Museum at the University of Sydney has published Collected: 150 Years of Aboriginal Art and Artifacts. Chapters cover the Museum's collections from the Northern Territory, Western Australia, Queensland and New South Wales. Bark paintings are considered in a separate chapter and an appendix provides short biographies of the collectors of many of the artifacts. Among the themes of the publication is the dynamic and differing adaptation to specific environments on the part of Australian Aboriginal societies. For information about publications and exhibitions, please contact the Macleay Museum at macleay@macleay.usyd.edu.au.

The American Philosophical Society hosts "Stuffing Birds, Pressing Prints, Shaping Knowledge: Natural History in North America, 1730-1860." The free exhibition is open until December 31, 2004. Organizers invite visitors to explore the practice of natural history in North America and how the early Euro-American understanding of nature transformed the continent and society. There are over 250 images and artifacts on display, including many in the Society's collections viewed in public for the first time. Included are specimens of plants and animals, as well as the bones of a huge mastodon. The display is modeled on the traditional "cabinet of curiosities." For news and announcements, please send an email to: bgregory@amphilsoc.org.

EMPLOYMENT, GRANTS and PRIZES

The Royal Society (London) provides grants to support publication of research in the history of science, technology, and medicine. Funds are intended to help defray the costs of publication of scholarly books that are likely to have a limited sale, or which need, for example, to be supported by expensive plates. Grants are available for limited identifiable research in the above areas and to attend overseas conferences. Forms are available from Miss J.E.C. Lewis, The Royal Society, 6 Carlton House Terrace, London SW1Y 5AG, England or from the Society's web site at: http://www.royalsoc.ac.uk.

The International Union of the History and Philosophy of Science, Division of History of Science (IUHPS/DHS) invites submissions for the first DHS prize for Young Scholars to be presented in 2005. The Prize is awarded

every four years to young historians of science for their successful doctoral dissertations, which represent significant contributions to the History of Science. One prize is awarded in each of the following fields of focus: Western, Islamic, Far Eastern, South Asian and Ancient civilizations. Submission deadline is August 31, 2004. Applicants must have a doctorate degree on the subject of history of science awarded in or after July 2001. Applications must be made in English and submitted to Prof. E. Ihsanolu, IUHPS/DHS President, P. O. Box 24, Beikta, Istanbul 80692, Turkey. Email: ircica@superonline.com.

RESEARCH, ARCHIVES and COLLECTIONS: PRINT and ELECTRONIC

The University of Hawai'i's website for its Pacific Collection and Internet sources can be accessed at: http://www2.Hawai'i.edu/~speccoll/pacific.html. Questions and/or comments? Please contact Ms. Barnwell at barnwell@hawaii.edu.

BOOK and JOURNAL NEWS

The Japanese Association for the History of Geology's *Newsletter No. 5* includes the following articles: "Benjamin Smith Lyman's Contributions to Japanese Geology" by Yasumoto Suzuki and Kim Kwang-Nam and "Japanese Translation of Agricola's *De Re Metallica* by the late Dr. H. Saigusa," by Toshio Kutsukake. Japanese-language *Bulletins* nos. 19 and 20 are also now available. For further information, please contact Yasumoto Suzuki and Michiko Yajima at PXI02070@nifty.ne.jp.

Pacific Science, A Quarterly Devoted to the Biological and Physical Sciences of the Pacific Region, 57:3 (July 2003) includes the following articles:

- A. G. Murdock and A. R. Smith, "Pteridophyres of Moorea, French Polynesia, with a New Species, *Timesipteris gracilis* (Psilotaceae)";
- John M. Huisman and Isabella A. Abbott, "The Liagoraceae (Rhodophyta: Nemaliales) of the Hawaiian Islands. First Record of the Genus *Gloiotrichus* for Hawai'i and the Pacific Ocean;"

Isabelle A. Abbott and John M. Huisman, "New Records and Notes on Hawaiian Marine Benthic Chlorophyta, including *Psuedochlorodesmis abbreviata* (Gilbert), n. comb. (Udotcaceae) and *Cladophora luxurians* (Gilbert), n. comb. (Cladophoraceae);"

Brian Kensley, "Marine Isopod Crustaceans from Easter Island;"

Sergio A. Gusman del Proo, Elisa Serviere-Zaragoza, and David Siqueiros-Beltrones, "Natural Diet of Juvenile Abalone *Haliotis fulgens* and *H. corrugata* (Mollusca: Gastropoda) in Bahia Tortugas, Mexico;" and

Daniel S. Gruner, "Regressions of Length and Width to Predict Arthropod Biomass in the Hawaiian Islands."

For copies of this and previous issues of *Pacific Science*, please contact the Journals Department, University of Hawai'i Press, 2840 Kolowalu Street, Honolulu, HI 96822, USA.

INHIGEO intends to publish a volume of papers on the subject of "Geological Travelers" in the near future. Please contact Patrick Wyse-Jackson at Trinity College, Dublin for additional information.

BOOK REVIEWS

Raymond John Howgego. Encyclopedia of Exploration to 1800: A Comprehensive Reference Guide to the History and Literature of Exploration, Travel, and Colonization from the Earliest Times to the Year 1800. Potts Point [Sydney], New South Wales: Hordern House, 2003. Pp. xv + 1168. Bibliography and index. Cloth: AU\$295 and US\$195. ISBN 1-875567-36-3.

At a time when university courses on vanished empires enjoy renewed popularity, reflections on neo-imperial expansion preoccupy the news media, and publishers pour forth a stream of popular books on exploration and discovery, how odd that we lacked a thoroughly encyclopedic treatment of a subject so central to the creation of our modern world. However, thanks to the labors of Raymond John Howgego, we lack one no longer. The fruit of a lifetime of study and travel, as well as fifteen years' work, his *Encyclopedia of Exploration to 1800* is both astonishingly comprehensive and impressively authoritative.

Dwarfing other recent compilations, such as those by Delpar (1980), Bohlander (1992), Waldman and Sexler (1992), and Baker (1993), which contain a mere 250-350 entries, in this, his first volume, Howgego provides 2,327 alphabetically arranged articles, both biographical and topical, which also include multilingual bibliographies of primary and secondary sources, amounting to some 20,000 citations, and 4,000 very useful cross references.

The latter enable readers to trace connections among people, places, and themes. Major explorers who undertook "distinct and discontinuous" expeditions are accorded separate, consecutive entries—five each for Champlain, Columbus, Dampier, and Davis, four for Cook, and three for Cartier and Frobisher—an organizational device which lends greater clarity to their exploits.

While by its very nature, such a work may appear Eurocentric, with a preponderance of Spanish, Portugese, Dutch, British, and French explorers, the author's scope is cosmopolitan, and includes numerous entries for Arab and Chinese voyagers and travel writers. The chronological coverage spans the Ancient and Medieval worlds—despite a frequent lack of detail—through the Renaissance and Early Modern eras. Explorers who set out prior to 1800/01, but continued into the nineteenth century (eg. Humboldt and Bonpland) are fully described. Some apocryphal travel accounts are also included, along with a separate article devoted to "Fictitious Voyages." One totally fictitious biographical entry has been constructed to test the wits of readers; the first to identify it may claim the publisher's prize of a case of vintage champagne.

Howgego's entries often go beyond the presentation of bare facts, and include sound and most welcome interpretation. The indexes of people and of ships-approximately 7,500 entries-are comprehensive. Yet the book lacks a geographical index, despite geographical subject headings attached to each article, which would have made one easy to compile, and thus link all explorers of a given region. Nor is there an index for place-ofbirth/nationality. The author's treatment of such issues as old style versus new style dating, as well as the forms of foreign names and titles is generally sound. Nonetheless, his orthographic purity is inconsistent in the transliteration of names from non-Roman scripts (Arabic and Cyrillic). Some compensation is provided by the frequent indication of variant forms, such as offering Wade-Giles and Pin Yin versions of Chinese names, and indexing Nordic names under both forenames and patronyms, though not without inconsistencies. Leif and Thorvald, sons of "Eriki Raudi" (a.k.a. "Eric the Red") appear in the introduction as "Eirikson," and in the indexes as both "Eiriksson" and "Eirikkson." Similarly, William Baffin's death is misdated, and Luke Foxe did not, as claimed, sail on John Knight's 1606 voyage. But it is churlish to cavil over mere blemishes; whenever otherwise put to the test, the work exhibited an all-but-unshakeable accuracy of detail, as well as a refreshing dearth of typos.

A handsome, even sumptuously printed and bound, quarto-size volume, the layout and typography are clean and reader-friendly. Despite its steep price, it represents excellent value for the money. All of us who have dreamed of finding, or even of creating, the ultimate reference book in the field of exploration, should find Howgego's monumental and now indispensable work as close to ideal as we are ever likely to encounter, let alone produce. Now we eagerly await the publication of his promised second volume, covering 1800-1850.

Merril Distad University of Alberta

Paul W. Blank and Fred Spier, eds. *Defining the Pacific: Opportunities and Constraints, Volume I of The Pacific World: Lands, Peoples and History of the Pacific, 1500-1900* (Dennis O. Flynn and Arturo Giraldez, general eds.) Aldershot and Burlington: Ashgate Valorium, 2002. Pp. xxxiii + 342. Index. Cloth: US\$132.95. ISBN 0-75465-0647-3.

In this, the first volume of an ambitious and open-ended series, the editors aspire "to provide outlines of fundamental trends involved in the creation and development of the Pacific World" and "to encourage more thoughtful consideration of the multi-century evolution of connections within and across the world's greatest ocean" (p. xi). Their method is to re-print important academic articles, with a scholarly introduction.

Volume One sets the style and the tone. Seventeen articles are re-printed, as old as 1951 (by Otis W. Freeman) or as new as 1999 (Jerry H. Bentley), but mainly from the 1970s and 1980s. The first four social science papers are "Perspectives on the Pacific," followed by five from geologists and geophysicists, four from biogeographers and four reconstructions of human migration. Although the editors steer clear of dissident writers (like Heyerdahl or Hau'ofa) in favor of orthodox scholars, these essays are so diverse in their disciplines and purposes that readers need a lucid Introduction. In eighteen careful pages, the editors meet this need as they precis the articles and trace some of the links between them. Selecting "the Pacific" as their focus, the general editors implicitly reject the narrower and wetter "Oeania" and the even narrower "Australasia." The volume editors accept this determination. However, since their choice is not discussed, they duck the title's promise of "Defining the Pacific," remaining strictly neutral among the seventeen essays. Australian and New Zealand and Island scholars usually write about the Pacific as the Islands, the Islanders, and the spaces between them. This volume belongs more in a North American tradition that emphasizes East and Southeast Asia and the Americas—the donut rather than the hole.

But uncertain parameters hardly matter. The purpose of this volume is not to bury debate about the Pacific, but to praise classic scholars and introduce them to a fresh audience. For this service they deserve the gratitude of a new generation of readers.

Donald Denoon Australian National University

SELECT PACIFIC BIBILIOGRAPHY

Recent Books

Disease in the History of Modern Latin America: From Malaria to AIDS, Diego Armus, ed. (Durham, North Carolina: Duke University Press, 2003).

Fritz Muller: A Naturalist in Brazil, by **David A. West** (Blacksburg, Virginia: Pocahontas Press, 2003). [Based on a translation of Alfred Moller's Fritz Mullers Werke, Briefe und Leben]

From Popular Medicine to Medical Populism: Doctors, Healers, and Public Power in Costa Rica, 1800-1940, by Steven Palmer (Durham and London: Duke University Press, 2003).

Huang Di Nei Jing Su Wen: Nature, Knowledge, Imagery in an Ancient Chinese Medical Text, by Paul U. Unschuld (Berkeley/Los Angeles/London: University of California Press, 2003).

Monuments of Progress: Modernization and Public Health in Mexico City, 1876-1910, by Claudia Agostoni (Calgary: University of Calgary Press and Boulder: University Press of Colorado, 2003).

Plants and Publications from the New World, 1492 to 1825: A Potpourri of Ethnobotany, Taxonomy, and Ecological Concerns, Anita Been, ed. (Providence, Rhode Island: Brown University, 2003). [Exhibition catalogue from John Carter Brown Library]

Worldly Provincialism: German Anthroplogy in the Age of Empire, H. Glenn Perry and Matti Bunzl, eds. (Ann Arbor: University of Michigan Press, 2003). [Part of the Social History, Popular Culture, and Politics in Germany series]

Recent Articles, Essays and Book Chapters

"Al-Khwarizmi's Sine Tables and a Western Table with the Hindu Norm of R=150," by **Daniel P. McCarthy** and **John G. Byrne**, *Archive for History of Exact Sciences* 57:3 (April 2003), 243-266.

"Bailey Willis (1957-1949): Geological Theorizing and Chinese Geology," by **David Oldroyd** and **Jing-Yi Yang**, *Annals of Science* 60:1 (January 2003), 1-37.

"Biomedical Research and Public Health in Brazil: The Case of Chagas Disease (1909-50)," by **Simone P. Knopf, Nara Azevedo** and **Luiz O. Ferreira**, *Social History of Medicine* 16:1 (April 2003), 111-129.

"Collections and the Nation: Science, History and the National Museum of Australia," by **Libby Robin**, *Historical Records of Australian Science* 14:3 (2003), 251-289.

"Constructions and Functions of Race in French Military Medicine, 1830-1920," by **Richard Fogarty** and **Michael A. Osborne**, *The Color of Liberty: Histories of Race in France*, Sue Peabody and Tyler Stovall, eds. (Durham and London: Duke University Press, 2003), 206-236.

"Idealists or Pragmatists? Progressives and Separatists among Australian Medical Women, 1900- 1940," by **Louella McCarthy**, *Social History of Medicine* 16:2 (August 2003), 263-282.

"The Korean Adaptation of the Chinese-Islamic Astrolomical Tables," by Y. Shi, Archive for the History of Exact Sciences 57:1 (January 2003), 25-60.

"Mothers' Health and Babies' Weights: The Biology of Poverty at the Melbourne Lying-in Hospital, 1857-83," by **Janet McCalman** and **Ruth Morley**, *Social History of Medicine* 16:1 (April 2003), 39-56.

"A Novel Application of Molecular Techniques to Pacific Archaeofish Remains," by A. Nicholls, E. Matisoo-Smith and M. S. Allen, *Archaeometry* 45:1 (February 2003), 133-148.

"The Pacific Science Board in Micronesia: Science, Government, and Conservation on the Post- War Pacific Frontier," by **Gary Kroll**, *Minerva* 41:1 (2003), 25-46.

"Victorian Naturalists in China: Science and Informal Empire," by Fa-Ti Fan, British Journal for the History of Science 36 (2003), 1-26.

SUBSCRIPTION INFORMATION

The *Bulletin of the Pacific Circle* is the communication medium of the Pacific Circle, organized in 1985 to promote and assist scholarship in the history and social studies of Pacific science. The Circle is a commission of the International Union of the History and Philosophy of Science.

The *Bulletin* is distributed twice a year with the assistance of the Department of History, University of Hawai'i, Manoa. Membership in the Circle, which includes the *Bulletin*, is available at a cost of US\$20 per year for individuals and US\$30 for institutions. Additional contributions in any amount to support the costs of production and distribution will be gratefully accepted. Checks or money orders can be made payable to "*Bulletin of the Pacific Circle*" and sent to the Editor:

Prof. Peter H. Hoffenberg Bulletin of the Pacific Circle Department of History University of Hawai'i Honolulu, Hawai'i 96822 USA

Phone: (808) 956-7675 Fax: (808) 956-9600 Email: peterh@hawaii.edu

Credit card charges (VISA and Mastercard only) can also be accepted. Please supply the following information to the Editor:

Your Name (as it appears on the care) Account Number Card Type (VISA or Mastercard) Expiration Date Amount to be Charged in US\$'s

Bulletin Staff

Editor: Peter H. Hoffenberg

Editorial Assistant: Carolyn Neel

Correspondents

Roy M. MacLeod **AUSTRALIA:**

CHINA: Yu Cao GERMANY: Walter Lenz

GUAM: Rebecca A. Stephenson

IRELAND (Republic of): JAPAN:

SOUTH KOREA: **MEXICO:**

NEW CALEDONIA: NEW ZEALAND: PERU:

USA - California: USA - Pacific Northwest:

Tony Ballantyne

Hideto Nakajima Song Sang-Yong Juan Jose Saldana

Frederic Angleviel A. D. Thomson Marcos Cueto Chen Kwang-Tzu

Janet Garber Keith Benson

Pacific Circle Officers

President Northern Vice-President Southern Vice-President

Secretary

Treasurer Council

TAIWAN:

E. Alison Kay Michael Osborne Roy MacLeod Ronald Rainger

Jacob Darwin Hamblin

Marcos Cueto John Gascoigne Juan Jose Saldana