

PACIFIC CIRCLE NEWSLETTER



No. 7

April 1990

PACIFIC CIRCLE NEWS

New Status. The Pacific Circle is pleased to announce that it has been officially chartered as a *Commission* of the International Union of the History and Philosophy of Science, Division of History of Science. A proposal to this effect was approved at the business meeting of the IUHPS/DHS during the XVIIIth International Congress of the History of Science in Munich last August 7th. The following slate of officers, nominated at the Pacific Circle Business Meeting in Hamburg on August 4, was also approved by the Union: *President* - David R. Stoddart; *Vice President* - Roy MacLeod; *Editor/Treasurer* - Philip F. Rehbock. *Council Members*: Dan Appleman, Rod Home, Juan José Saldaña and Masao Watanabe. Each will serve a four-year term. The statutes of the Commission are available upon request from the Editor/Treasurer.

New Membership Fee. The purposes of the Circle remain unchanged: the support and promotion of scholarship in the history and social studies of Pacific science, through the arrangement of scholarly meetings, the publication of the semi-annual *Newsletter*, and such other endeavors as opportunity presents. To continue and upgrade these activities, particularly our *Newsletter* publication, members present in Hamburg agreed by majority vote that a nominal membership fee (US\$10) be instituted, beginning in January 1990. If you wish to continue receiving the *Newsletter*, please complete the enclosed membership form and return with a cheque or money order for US\$10. (We regret that payment by credit card is not possible at this time.)

The XVIIIth Congress. Our three sessions at the Hamburg congress--the first official meeting of the Pacific Circle--drew attentive audiences, but numbers were dwarfed by the large and splendidly appointed auditorium to which we were assigned. Happily all nineteen of our scheduled speakers were on hand (see *Newsletter 6* for a complete listing of the program), and our audience reached as many as 40. The Hamburg weather was dismal for most of the week, but the facilities of the Kongresszentrum were generous and the after-hours festivities exemplary of German hospitality and *Gemütlichkeit*.

On the last day in Hamburg the **Society for the History of Natural History** held its first central European meeting, organized and hosted by HERMAN REICHENBACH, and featuring a superbly illustrated lecture on the iconography of whaling and cetology by KLAUS BARTHELMESS. A few of those attending celebrated the event appropriately with a tour of the University Zoological Museum, followed by a gourmet seafood dinner on Hamburg's waterfront.

FUTURE PACIFIC CIRCLE MEETINGS

The Pacific Circle calendar for the next two years promises to be lively, with sponsorship of a number of meetings and sessions:

20-21 April 1990. The **West Coast History of Science Society** will hold its annual meeting in Morro Bay, California. "Science and Imperialism in the Pacific" is among the sessions being planned.

25-28 October 1990. "Science in the Pacific: Darwinian Perspectives" will be the topic of a session of the History of Science Society's annual meeting in Seattle. Details about the session are available from FRITZ REHBOCK. All other inquiries should be directed to the program co-chairs:

Peter Galison & Timothy Lenoir
Program in the History of Science
Stanford University
Stanford, CA 94305

27 May - 2 June 1991. XVIIth Pacific Science Congress, Honolulu, Hawaii. The Pacific Circle will co-sponsor the historical sessions of the "Science and Culture" symposium. Details will appear in the congress *Second Circular* and in the next *Newsletter*. In the interim inquiries may be directed to the symposium coordinator, Fritz Rehbock, or to the congress secretariat:

Nancy Davis Lewis
Secretary General
XVIIth Pacific Science Congress
2424 Maile Way, 4th floor
Honolulu, HI 95822



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"SCIENCE UNITES THE ANTIPODES"

Recently discovered by Roy MacLeod in the archives of the Smithsonian Institution is the above

letterhead of the periodical *Ice and Refrigeration Illustrated*, dated 1916. The editors of this "monthly review of the ice, ice making, refrigerating, cold storage and kindred trades" clearly had Pacific sympathies despite their Chicago location.

OTHER CONFERENCES AND CALLS FOR PAPERS

2-6 April 1990. "Science and Empires. Comparative History of Scientific Exchanges: European Expansion and Scientific Development of Asia, Africa, America and Oceania," an international symposium in Paris. Inquiries:

Patrick Petitjean
Equipe REHSEIS
49 rue Mirabeau
75016 Paris, France

7-12 April 1990. "Policies and Publics for Science and Technology," a major international conference at the **Science Museum**, London. Inquiries:

Prof. John Durant
The Library,
The Science Museum
London SW7 5DD, UK

25-27 April 1990. "Landmarks of Natural History," an international conference of the **Society for the History of Natural History**, at the British Museum (Natural History). Inquiries:

Ms. G. Douglas, Librarian
Linnean Society of London
Burlington House, Piccadilly
London W1V 0LQ, UK

5 May 1990. "19th Century Naturalists and Engineers: Innovative Spirits," a one-day seminar of the **Colonial Science Club**, Sydney. Coordinators: BETH NEWLAND, 26 George St., Yowie Bay, NSW 2228; and DR. RAGBIR BHATHAL, Powerhouse Museum, P.O. Box K346, Haymarket, NSW 2000.

12 May 1990. The **Royal Meteorological Society History Group** will hold a meeting in association with the **Scott Polar Research Institute**, on the subject "Polar Meteorology from the 1st Polar Year (1882) to IGY (1957)" The meeting will be held at the Institute in Cambridge. Inquiries:

R. J. Ogden, Group Secretary
'Beechmast', Silverwood Drive
Crawley Ridge, Camberley
Surrey GU15 2AT, UK

Barry Butcher
School of Humanities
Deakin University
Victoria 3217, Australia

June 1990. "Collection Building in Ichthyology and Herpetology in the 18th, 19th, and 20th Centuries," a meeting at Charleston, South Carolina. Inquiries:
W. A. Deiss
Society for the History of Natural History
Smithsonian Institution
Washington, DC 20560

4-7 October 1990. Annual meeting of the **Society for Literature and Science**, Portland, Oregon. Inquiries:
Lissa Roberts
Department of History
San Diego State University
San Diego, CA 92182

19-23 June 1990. A historical session is planned for the meeting of the **Pacific Division, American Association for the Advancement of Science**, University of California at Davis. Inquiries:
Prof. Michael Smith
History Department
University of California
Davis, Calif. 95616.

18-21 October 1990. **The Society for the History of Technology** will hold its annual meeting at the Clinic Center Hotel in Cleveland Ohio. The organizing committee seeks proposals in all areas of the history of technology, but especially welcome are proposals that examine non-Western and pre-20th-Century topics, gender, comparative studies, and the Great Lakes region. Inquiries:
Lindy Biggs
Department of History
Auburn University
Auburn, Alabama 36849

5-7 July 1990. "Canada-Australia Workshop on Science and Technology," at Dunsmuir Lodge, University of Victoria, Vancouver Island. Inquiries:

20 October 1990. "Sea-surface Temperature Studies to the End of the 19th Century," is the theme of a one-day conference at the **University of Wales College at Cardiff**, held in association with the **Royal Meteorological Society Welsh Group**. Inquiries:
R. J. Ogden, Group Secretary
'Beechmast', Silverwood Drive
Crawley Ridge, Camberley
Surrey GU15 2AT, UK

Dr. Richard Jarrell
Atkinson College
York University
North York, Ontario M3J 1P3.
or
Prof. Roy MacLeod
Department of History
University of Sydney
Sydney, N.S.W. 2006
Australia

2-7 August 1990. The 6th International Congress on the History of Science in China will be held at Robinson College, Cambridge, marking the 90th birthday of JOSEPH NEEDHAM. It is anticipated that the conference will see the inauguration of a new international society for the History of Science, Technology and Medicine in East Asia. Inquiries:
6th ICHSC Secretariat
Jane Rowell Conferences
43 Norwich St.
Cambridge CB2 1ND, UK

25-31 October 1990. XVth International Symposium of the **International Commission on the History of Geological Sciences (INHIGEO)**, in Beijing, China. Among the program's themes are:
1. History of interchange of geoscience ideas between China, Europe and America; 2. Important events that promoted intercommunication of geological thought between East and West; 3. History of interchange of ideas in the main branches of geology; 4. Biographic notes of geologists who have made great contributions to the interaction of geological science between East and West. Inquiries:
Prof. Tao Shilong
China University of Geosciences
29 Xueyuan Road
Beijing 100083, PRC

25-27 September 1990. **Australasian Association for the History, Philosophy, and Social Studies of Science** conference and annual general meeting. Inquiries:

4-7 November 1990. An International Symposium on Technological Development in the Pacific Region will take place in Seoul, organized by the **Pacific Economic Cooperation Conference (PECC)**. The three themes of the conference: 1. Technology transfer; 2. Human resource development; and 3. Cooperation in science and technology. Inquiries:

Professor Karen Minden
Faculty of Management
University of Manitoba
Winnipeg, Canada R3T 2N2

6-9 November 1990. "Technological Development and Science in the 19th and 20th Century," an international conference of the Department for Engineering Science, Innovation and Society of the University of Technology Eindhoven, The Netherlands Inquiries:

Peter Kroes
Faculty of Philosophy and Social Sciences
Univ. of Technology Eindhoven
P.O. Box 513
5600 MB Eindhoven
The Netherlands

3-6 December 1990. "Macrocosmos in Microcosmo," a conference on the history of natural history cabinets and Wunderkammer of the 15th through 18th Centuries" will be held in West Berlin under the sponsorship of the **Institut für Museumkunde**. Among the announced speakers will be A. HENINGER (Utrecht) on the collection of the Dutch East India Company. Inquiries:

Institut für Museumkunde
z. Hd. Herrn Dr. Andreas Grote
In der Halde 1
D-1000 Berlin 33, West Germany

5-9 December 1990. "Science of Pacific Island Peoples," at the **University of the South Pacific**. The four themes of the conference are:

1. Traditional science and technology in the Pacific;
2. The impact of external contact on Pacific science; 3. Modern value of traditional knowledge; and 4. Science policy and traditional science.

Inquiries:

Prof. John Morrison
School of Pure and Applied Sciences
University of the South Pacific
Suva, Fiji

August 1991. The **International Association for Geomagnetism and Aeronomy** will sponsor a meeting in Vienna on "Pioneers in Geophysical Research."

12-16 January 1992. The Third Latin-american Congress of the History of Science and Technology will take place in Mexico City. General theme "America in the Formation of the New World: 500 Years of Scientific Exchanges." Inquiries:

Comité Organizador III CLAHCT
Apartado postal 21-873
04000 México, D.F.
Mexico

RECENT CONFERENCES

"Geography, Nature & Exploration" was the theme of a joint interdisciplinary meeting of the **Society for the History of Natural History**, the **British Society for the History of Science**, and the **Institute of British Geographers' History & Philosophy of Geography Group**, held at the Royal Entomological Society in November 1989. Of Pacific interest were the papers by JANET BROWNE - "Missionaries and the Mind of Man: Charles Darwin and Robert Fitzroy in the Southern Hemisphere"; DAVID GALLOWAY - "Archibald Menzies' Pacific Lichen Discoveries 1786-1795;" and F. NIGEL HEPPER - "Two Centuries of Plant Hunting of the Royal Botanic Gardens, Kew."

"Science and Society in South Asia," was the theme of the Seventh Annual Spring Symposium of the **Center for South Asian Studies, University of Hawaii**, 14-16 March 1990 in Honolulu. Featured speakers were: DANIEL R. HEADRICK (Roosevelt University), "Technology Transfers to South Asia under Colonial Rule and since Independence: Some Comparisons"; RAMAN SRINIVASAN (University of Pennsylvania), "Appropriate and Appropriated Technologies: An Excursion into the Cultures of Technology in 20th Century India"; and VANDANA SHIVA (Research Foundation for Science and Ecology, Dehra Dun), "Science, Politics, and Gender in South Asia."

NEW FELLOWSHIPS

The **National Maritime Museum** of the United Kingdom has announced the creation of the Caird Junior Research Fellowship in Naval and Maritime

History and Associated Studies. The fellowship, in the amount of £7500, will be granted annually, normally for studies in British and naval maritime history; but appointments are also possible in the history of the navigational sciences (astronomy, navigation, hydrography, cartography), maritime art, nautical archaeology or museum conservation.

Inquiries:

Secretary of the Caird Fund
National Maritime Museum
Greenwich, London SE10 9NF UK

The **Macleay Museum** of Sydney began the Macleay Miklouho-Maclay Centenary Fellowship in 1989. This fellowship is awarded annually to "promote work within the Macleay Museum principally in the areas of anthropology and zoology, but also in approved aspects of botany or history of science." Inquiries:

Peter Stansbury, Director
The Macleay Museum
The University of Sydney
Sydney, NSW 2006

PRIZES

The **Mexican Society of History of Science and Technology (SMHCT)**, the **Universidad Nacional Autonoma de México**, the **Universidad Autonoma Metropolitana** and the **National Council of Science and Technology** invite participants in the **DR. ENRIQUE BELTRAN PRIZE**, to be awarded for the best essay on any aspect of the history of Mexican science and technology.

The prize will consist of Five Million Pesos and the publication of the winning essay. Deadline for submissions is 30 June 1990. Inquiries:

Prof. J.J. Saldaña
SMCHT
Apartado Postal 21-873
C.P. 04000 Mexico, D.F.
Mexico

RESEARCH FUNDING

The (U.S.) National Science Foundation Division of International Programs provides supplemental support for bilateral cooperative science activities. Funding is available for cooperative research, bilateral workshops/seminars, and long/short-term visits, involving the U.S. and Australia, China,

India, Korea, Latin America, New Zealand, Taiwan and the U.S.S.R. Inquiries:

Division of International Programs
National Science Foundation
Washington, D.C. 20550

The NSF also provides postdoctoral and senior post-doctoral research fellowships in history and philosophy of science. Inquiries:

NSF Postdoctoral Research Fellowships in
History and Philosophy of Science
Division of Instrumentation and Resources
Room 320
National Science Foundation
Washington, D.C. 20550

SOCIETY NEWS

The **Society for Nautical Research**, founded in 1910, fosters "the study of ships and seafaring in every age and in all parts of the world." Toward that end it publishes the international quarterly journal, *The Mariner's Mirror*. In addition to its active interest in the preservation of historic ships and the creation of nautical reference works, the society was instrumental in the founding of the National Maritime Museum at Greenwich in 1934. Membership inquiries should be directed to the honorary secretary, Mrs. Ann Shirley, Little Bridge Place, Bridge, Canterbury, Kent CT4 5LG, UK.

The **Oregon Historical Society** announced last year the establishment of the **North Pacific Studies Centre**. The Centre will organize a series of international conferences on the history of the north Pacific. The first, scheduled for March 1990, will focus on the period before 1600. Inquiries:

Peter A. McGraw, Asst. Director
North Pacific Studies Centre
Oregon Historical Society
1230 S.W. Park Avenue
Portland, Oregon 97205 USA

The **Japan National Committee for History of Science** issued its most recent annual report on 1 June 1989. Chairman of the national committee for 1988-91 is **PROF. DR. YOICHI FUKUSHIMA**.

Supporting the national committee is the **History of Science Society for Japan (JHSS)**, founded in 1941, and now numbering about 1000 members. The society publishes the biennial journal *Historia Scientiarum* (English, French, German) and the quarterly *Kagakushu Kenkyu* (in

Japanese). Current president is PROF. DR. TOSHIO YAMAZAKI. Last year's annual meeting, held at Kansei University, featured a symposium on "Teaching the History of Science in Japan."

The Science & Technology Studies Reading Group of the University of Hawaii meets approximately every three weeks during the academic year to hear speakers or discuss recent publications. Calendar for the Spring 1990 semester:

- 9 February - ROY MACLEOD, "Embryology and Empire: Cambridge and the Laboratory of the Pacific";
21 February - HOMER LEGRAND, "The Development and Reception of the Suspect Terrain Hypothesis";
19 April - RICHARD YEO, "From Maps to Disciplines: Science in Encyclopedias Since the 18th Century";
24 April - CRAIG WAFF, "The Origins of NASA's Deep Space Network."

Inquiries:

Prof. Rachel Laudan
General Science Dept.
University of Hawaii
2450 Campus Road
Honolulu, HI 96822

The German Pacific Society (Deutsche Pazifische Gesellschaft), located in Munich, has as its goal "the promotion of partnership relations between the inhabitants of the German-speaking and the Pacific cultural domains." It aims further "to promote the understanding of peoples and to benefit scientific, education and cultural activities." The society was founded in 1974 as the German Melanesian Society, and acquired its current title in 1978. It publishes regular news bulletins in German and an occasional newsletter in English. The current membership fee is DM50. per year. Inquiries:

Dr. Friedrich Steinbauer
Editor, German Pacific Society
8000 München 50
Feichtmayrstrasse 25
West Germany.

The establishment of a museum for the history of biology is the goal of the **Gesellschaft zur Gründung und Förderung eines Museums für die Geschichte der Biologie e.V.** Temporary space for storage of collections is to be provided by the Natural History Museum of Karlsruhe. The current annual membership fee is DM20. Inquiries:

Dipl.-Biol Mathias Barth
Ohmtalstrasse 14
D-3553 Cölbe, West Germany

BOOK REVIEW

MARION DIAMOND. *The Sea Horse and the Wanderer: Ben Boyd in Australia*
Melbourne: Melbourne University Press, 1988.
xiv + 254 pp. \$A34.95

The enigma that was Benjamin Boyd is best represented in the character of the two ships that he owned and employed during his time in Australia. The *Wanderer*, an elegant racing yacht on which he arrived in the British colony on 18 July 1842, symbolized the power and high status of Boyd's social background as well as the extravagance and grandeur of his ambitions there. It was Boyd, the romantic colonial adventurer, who sailed about Australia and the Pacific on this vessel of privilege. The more practical, ruthless, amoral entrepreneur that was also Ben Boyd relied upon the *Sea Horse*, a 600-ton steamship possessing the most advanced though imperfect technology of her day. Expensive, inappropriate and ultimately unprofitable in the rough coastal environment of southeastern Australia, the *Sea Horse* was eventually wrecked in the Tamar River in 1843. Like this ship, Boyd's career in Australia would later be wrecked, but upon the rocks of economic depression, financial mismanagement, and hostile public opinion.

Boyd reached Sydney from London as chairman of The Royal Australian Bank, a financial institution of his own creation and the principal source of his wealth and influence in the colony. His rise in the economic and political life of Australia was meteoric. Within five years, he headed the major opposition party in the colony, acted as a prominent, powerful spokesman for squatter land interests, served as a member of the colonial legislature, claimed more than one million acres of land, and built a major commercial town at Twofold Bay which he named after himself. Boyd opposed or supported governors as it suited his purposes, involved himself in the financial affairs of the New Zealand government, and engaged in an elaborate, highly unpopular scheme to bring Melanesian laborers into New South Wales. With his financial empire in ruins, he fled Australia and his creditors in 1849 aboard the *Wanderer*. After almost two years of sailing the Pacific in search of a

place to establish his own republic, Boyd disappeared mysteriously on Guadalcanal in the Solomons. His wandering and scheming had come to an end.

Marion Diamond, a lecturer in history at the University of Queensland, has produced a highly readable, thoroughly researched, and well documented history of this merchant adventurer. As Diamond notes, there is an imperial as well as a colonial context to Boyd's presence in Australia. Boyd's short-lived but nonetheless formidable influence over the life of the Australian colony stemmed from his network of family and business associations in Scotland and England. Boyd's ultimate significance in Australian history, believes the author, lies in his involvement with the key land and labor issues of the 1840s. For those with an interest in the colonial history of Australia, *The Sea Horse and the Wanderer* is a book well worth the read.

David Hanlon
History Department
University of Hawaii

NEW SERIALS

The Pacific Science Association (PSA) Social Sciences & Humanities Committee began the publication of its *Action Newsletter* in May 1989. Inquiries:

PSA Committee on Social Science
& Humanities
c/o Prof. Stephen Hill
Sociology Department
University of Wollongong
PO Box 1144
Wollongong, NSW 2500
Australia

Asia-Pacific News is the newsletter of the Centre for Asia-Pacific Initiatives, University of Victoria, British Columbia. Inquiries:

The Editor
Asia-Pacific News
Begbie Building
University of Victoria
Box 1700
Victoria, BC V8W 2Y2

RECENT BOOKS

The Art of Captain Cook's Voyages. Vol III: The Voyage of the Resolution and the Discovery, 1776-1780, by RUDIGER JOPIEN and BERNARD SMITH (New Haven, Conn: Yale University Press, 1988), \$US200.

The Art of the First Fleet and Other Early Australian Drawings, edited by BERNARD SMITH and ALWYNE WHEELER (New Haven, Conn: Yale University Press, 1988), \$US200.

Cathedrals of Science. The Development of Colonial Natural History Museums during the late 19th Century, by SUSAN SHEETS-PYENSON (Kingston/Montreal: McGill-Queen's University Press, 1988).

Charles Darwin in Australia, by F.W. NICHOLS and J.M. NICHOLS (Cambridge: Cambridge University Press, 1989), £25.

Charles Darwin's Beagle Diary, edited by R. D. KEYNES (Cambridge: Cambridge University Press, 1988) £35.

Charles Darwin's Notebooks 1836-1844, edited by PAUL H. BARRETT, PETER J. GAUTREY, SANDRA HERBERT, and DAVID KOHN (Cambridge: Cambridge University Press/London: British Museum [Natural History], 1988), £65.

China-U.S. Governmental Cooperation in Science and Technology, by TOUFIQ SIDDIQI, JIN XIAOMING, and SHI MINGHAO (Honolulu: East-West Center, Environment and Policy Institute, 1987).

Cooke's Perth Observatory, by MURIEL UTTING (Perth: Perth Observatory, 1989), \$A8.

The Correspondence of Charles Darwin, edited by FREDERICK BURKHARDT and the late SYDNEY SMITH (Cambridge: Cambridge University Press, 1985-) Now available:
Vol.1: 1821-1836; Vol.2: 1837-1843
Vol.3: 1844-1846; Vol.4: 1847-1850
£32.50 per vol.

Deutsche Ärzte in China 1897-1914: Medizin als Kulturmission im Zweiten Deutschen Kaiserreich, by WOLFGANG U. ECKART (Stuttgart/New York: Gustav Fischer Verlag, 1989), DM58.

Drygalski. The German South-Polar Expedition 1901-1903, translated by MAURICE RARETY (Erskine Press, Alburgh, Harleston, Norfolk, UK, 1989), £49.95.

Empire of Reason: Exact Sciences in Indonesia, 1840-1940, by LEWIS PYENSON (Leiden/New York/Copenhagen: E.J. Brill, 1989), Gld95, \$US47.50.

Excelencia Científica en la Periferia: Actividades Científicas e Investigación Biomédica en el Perú 1890-1950, by MARCOS CUETO (Lima: CONCYTEC, 1989).

Ferdinand Bauer: The Australian Natural History Drawings, by MARLENE NORST (London: British Museum [Natural History], 1989).

The Formation of Science in Japan: Building a Research Tradition, by JAMES R. BARTHOLOMEW (New Haven, Conn.: Yale University Press, 1989), \$US30.

Fresh Perspectives on Qing Dynasty Maritime Relations, edited by JONATHAN GOLDSTEIN (Salem, Mass.: The American Neptune of the Peabody Museum, 1988).

The Hunter Sketchbook. Birds and Flowers of New South Wales, drawn on the spot in 1788, 89 & 90 by Captain John Hunter RN, of the First Fleet. (National Library of Australia, 1989), \$A495.

Institute of the History of Natural Science and Technology: Development and Organization of Research into the History of Science and Technology, EDITOR-IN-CHIEF N. D. USTINOV (Moscow: Nauka, 1989).

Into the Heart of Borneo, by REDMOND O'HANLON (Edinburgh: Salamander Press/Penguin, 1984; Oxford: ISIS Large Print, 1986).

The Jimi River Expedition 1950: Explorations in the New Guinea Highlands, by D. BAGLIN and C. DE COURCY (Melbourne: Oxford University Press, 1988).

Masson of Melbourne: The Life and Times of David Orme Masson, Professor of Chemistry, University of Melbourne, 1886-1923, by LEN WEICKHARDT (Melbourne: Royal Australian Chemical Institute, 1989).

Mr. Macleay's Celebrated Cabinet: The History of the Macleays and Their Museum, edited by PETER STANBURY and JULIAN HOLLAND (Sydney: Macleay Museum, University of Sydney, 1988).

Man on the Rim: The Peopling of the Pacific, by ALAN THORNE and ROBERT RAYMONDE (Sydney: Angus & Robertson and the ABC, 1989), \$A39.95.

Meiji no Kagakusha (Japanese chemists in the Meiji era), by KOZO HIROTA (Tokyo: Tokyo Kagaku Dojin, 1988).

Nature in Asian Traditions of Thought: Essays in Environmental Philosophy, edited by J. BAIRD CALLICOTT and ROGER T. AMES (Albany: State University of New York Press, 1989), \$US44.95 (cloth), \$14.95 (paper).

Nature's Pilgrim. The Life and Journeys of Captain S.A. White, Naturalist, Author and Conservationist, by ROB LINN (Netley, South Australia: State Publishing, 1989), \$A39.95.

Pacific Annual 1988, editor-in-chief V. I. ILYICHEV (Vladivostok: Far-Eastern Branch, USSR Academy of Sciences)--report of the Committee on Marine Sciences, Pacific Science Association.

Public Health in Papua New Guinea: Medical Possibility and Social Constraint, 1884-1984, by DONALD DENOON, with KATHLEEN DUGAN and LESLIE MARSHAL (Cambridge/New York: Cambridge University Press, 1989), \$US39.50.

Rockefeller Archive Center Sources on the Transfer of Western Science, Medicine, and Technology to China During the Republican Period (North Tarryton, NY: Rockefeller Archive Center, 1989).

ROGER RANDALL DOUGAN REVELLE, *Director of Scripps Institution of Oceanography, 1951-1964*. Oral history conducted in 1985 by SARAH L. SHARP (Berkeley: Oral History Office, Bancroft Library, 1986).

ROGER RANDALL DOUGAN REVELLE, *Observations on the Office of Naval Research and International Science, 1945-1960*. Oral history conducted in 1984 by SARAH L. SHARP (Berkeley: Oral History Office, Bancroft Library, 1986).

Science and Medicine in Twentieth-Century China: Research and Education, edited by JOHN Z. BOWERS,

J. WILLIAM HESS, and NATHAN SIVAN (Ann Arbor: Center for Chinese Studies, University of Michigan Press, 1988) \$US19.50 (cloth), \$11.50 (paper).

Science and Technology in Post-Mao China, edited by DENIS FRED SIMON and MERLE GOLDMAN (Cambridge, Mass./London: Council on East Asian Studies, Harvard University, 1898), \$US11.50 (paper).

Scientist of the Empire. Sir Roderick Murchison. Scientific Exploration and Victorian Imperialism, by ROBERT A. STAFFORD (Cambridge: Cambridge University Press, 1989), £25.

South America and the Sea: A View From the South, by VIRGINIA GAMBA-STONEHOUSE (London: Pinter, 1989) £30.00, \$A63.50.

The South Pacific. An Introduction, fifth revised edition by RON CROCOMBE (Suva: University of the South Pacific, 1989), \$F10, \$US12.

Studies from Terra Australis, Occasional Papers of the Australian Academy of the Humanities, No. 6 (Canberra: Australian Academy of the Humanities, 1989).

Travels in Imperial China. The Exploration and Discoveries of Pere David, by G. BISHOP (London: Cassel, 1990), £16.95.

Voyage Autour du Monde par les Mers de L'Inde et de Chine, Tom 1, by CYRILLE PIERRE THEODORE LAPLACE, facsimile of the Paris 1833 edition (Savage, MD: Rowman & Littlefield), \$US100.

Voyage Autour du Monde sur la Corvette al Coquille, by RENE PRIMEVERE LESSON, facsimile of the Paris 1838 edition (Savage, MD: Rowman & Littlefield), \$US115.

With Perry to Japan. A Memoir by William Heine, translated and annotated by FREDERIC TRAUTMANN (Honolulu: University of Hawaii Press, 1990), \$US32.

DISSERTATIONS COMPLETED

"The Advancement of Knowledge and the Enrichment of Life: The Science Society of China and the Understanding of Science in the Early

Republic, 1914-1930," by DAVID C. REYNOLDS, University of Wisconsin-Madison, 1986.

"Ancient (Pacific Island) and Western (Traditional and Modern) Navigation: A Reflection of Cultural Perspectives," by JOHN CHARLES ELLSWORTH. Columbia University Teachers College, 1987.

"Cooperative Individualism and the Growth of Molecular Biology at the California Institute of Technology 1928-1953," by LILY KAY, The Johns Hopkins University, 1987.

"Excellence in the Periphery: Scientific Activities and Biomedical Sciences in Peru," by MARCOS CUETO, Columbia University 1988.

RECENT ARTICLES

"The Acceptance of Atomism Among Japanese Chemists" (in Japanese), by MITSUKO FUJIMURA. *Kiyo-Saitama-kenritsu Eisei Tanki Daigaku* 13 (1988), 9-15.

"La Ciencia Metropolitana en Nueva España," by ENRIQUE BELTRAN. *Actas de la Sociedad Mexicana de Historia de la Ciencia y de la Tecnologia* 1 (1989), 1-18.

"La Ciencia Peruana en el Archivo Rockefeller," by MARCOS CUETO. *Acta Herediana* 8 (April 1987-March 1988), 31-35.

"A Concise History of Early Geological Museums in China," by G. WANG. *China Historical Materials of Science and Technology* 10(2) (1989), 67-72.

"Edward Sylvester Morse (1838-1925) as Expert and Western Observer in Meiji Japan," by JONATHAN GOLDSTEIN. *Journal of Intercultural Studies* (Osaka) 14 (1987), 61-81.

"Extinction of Birds in Eastern Polynesia: A Review of the Record, and Comparison with Other Pacific Island Groups," by DAVID W. STEADMAN. *Journal of Archaeological Science* 16 (1989), 177-205.

"An Exploration of the Authorship of 'Nan Fang Cao Muy Shuang' ('Flora of the South' [of China])," by J. LIANG. *Studies in the History of Natural Sciences* 18(3) (1989), 248-256.

"Pure Learning and Political Economy: Science and European Expansion in the Age of Imperialism," by LEWIS PYENSON. *New Trends in the History of Science* - Proceedings of a conference held at the University of Utrecht (Amsterdam/Atlanta, GA, 1989), 209-282.

"Using the Rockefeller Archives for Research on Modern Chinese Natural Science," by LAURENCE A. SCHNEIDER. *Chinese Science* 7 (1986), 25-31.

QUERIES

MICHAEL TAYLOR has been trying to trace possible suppliers of specimens to Alexander Weir's Museum of Natural Curiosities, particularly the Australian specimens which he was exhibiting by 1789. Weir's museum existed in Edinburgh from 1789 to 1800. Anyone familiar with collections of late 18th-Century manuscripts and correspondence who may have noted the name Weir as a destination or source of specimens from other collectors is urged to contact:

Michael A. Taylor
Museum & Art Gallery
George St.
Perth PH1 5LB, Scotland

(From Newsletter 36, Society for the History of Natural History.)

BOOK CATALOGUES RECEIVED

"Acquisitions, October 1989", from Hordern House, 77 Victoria St., Potts Point, Sydney, NSW 2011 Aust.

"Asian and Pacific Studies," Subject Cat.(A), Academic Publications from the Australian National University and other Australian research institutes. Bibliotech, ANUTECH Pty Ltd., GPO Box 4, Canberra ACT 2601, Aust.

"Australia, the Pacific and South East Asia," Cats. 201 and 209 from Serendipity Books Antiquarian Booksellers, P.O. Box 340, Nedlands, W.A. 6009, Aust.

"Australiana," Cat. No. 237 from Gaston Renard Fine and Rare Books, G.P.O. Box 5235BB, Melbourne, Victoria 3001, Aust.



"Sea, Ships and the South Pacific," Cat. 26 from J. Parmer, Booksellers, 7644 Forrester Rd., San Diego, CA 92120.

"The World Beyond Europe 1478-1699," Cat. 1112 from Bernard Quaritch Ltd., 5-8 Lower John St., Golden Sq., London W1R 4AU, UK.

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