Bibliography of the History of Australian Science, No. 34, 2013

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This Bibliography is of material related to the history of science in Australia, in particular the natural sciences (mathematics, physical sciences, earth sciences and biological sciences), some of the applied sciences (including medical and health sciences, agriculture and related subjects, and engineering), and human sciences (anthropology and psychology). In addition to Australia, other areas included are New Zealand, New Guinea and other Pacific Ocean islands close to Australia, and Antarctica. Biographical material is also included.

The sources used in compiling this Bibliography include those that have proved useful in the past in finding relevant citations. More than 200 journals were scanned for relevant articles. The library catalogues of the National Library of Australia and the National Library of New Zealand Te Puna Mātauranga O Aotearoa, the Royal Botanic Gardens Melbourne and the University of Melbourne were particularly useful sources of information.

Assistance has been received from several people who sent items or information about recently published items for inclusion in the Bibliography. In particular Professor Rod Home has been most helpful in forwarding relevant citations. Staff of the eScholarship Research Centre at the University of Melbourne, especially Helen Morgan and Ailie Smith, were of great assistance in the preparation of this Bibliography. Readers are invited to continue to send information on the publication of books, journal articles, conference papers, reports, Master’s and PhD theses and reviews for inclusion in future bibliographies.

A. History of Australian Science

(a) General


B. History of Natural Sciences


(a) Physical Sciences

11. HALTON, Brian, Chemistry at Victoria, the Wellington University: a Personalized Account
of the Hundred Years from 1899 (Wellington: The School of Chemical & Physical Sciences, Victoria University of Wellington, 2012), 173 pp.


(b) Biological Sciences


(c) Earth Sciences


C. History of Applied Sciences

(a) Medical and Health Sciences


33. CENTRAL OTAGO HEALTH SERVICES, Dunstan Hospital, Clyde: 150 Year Anniversary
36. LAUNCESTON GENERAL HOSPITAL HISTORICAL COMMITTEE, *Historical Figures and Their Impact on Medicine in Launceston: Dr F. Drake, Miss J. Milne and Dr W.P. Holman: Papers and Proceedings, Historical Seminar, 14 October 2012* (Launceston: Launceston General Hospital Historical Committee, 2012), 97 pp. (Launceston General Hospital Historical Committee Papers and Proceedings, vol. 13). Partial contents: Dr W.P. Holman (1901–1972), radiologist/thespian, by Paul A.C. RICHARDS; Miss Jeannette Milne, lady superintendent, by Deanna ELLIS; Emergence of modern medicine in Tasmania: Dr Francis Drake MA MB BS (Melb): the application of scientific medicine at the General Hospital in Launceston, 1890–1898, by Dan HUON.
37. RICHARDS, Paul A. et al., *Launceston General Hospital: Celebrating 150 Years of Caring* (Launceston: Launceston General Hospital Historical Committee and Foot and Playsted P/L, 2013), 350 pp.

(b) Agricultural and Related Sciences

(c) Engineering

D. History of Human Sciences
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51. RICHARDS, Rhys, *Head Hunters Black and White: Three Collectors in the Western Solomon Islands 1893 to 1914; and The Diary of Graham Officer, Collector of Museum Objects in the Solomon Islands in 1901 for Museum Victoria in Melbourne* (Wellington: New Zealand Paremata Press, 2012), 266 pp. The collectors were Arthur MAHAFFY, Graham OFFICER and Arthur HOCART.
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(a) 1788–1900

(i) General Works


73. SANKEY, Margaret, ‘The Cartography of the Baudin Expedition: Louis de Freycinet’s Map of New Holland’ in The Freycinet Map of 1811: Proceedings of the Symposium Commemorating the 200th Anniversary of the Publication of the


(ii) Natural Sciences


77. Burns, Rowan and Nathan, Simon, A Quick Run Home: Correspondence While James Hector was Overseas in 1875–1876 (Lower Hutt, N.Z: Geoscience Society of New Zealand, 2012), 142 pp. (Geoscience Society of New Zealand Miscellaneous Publication 133E)


(a) Physical Sciences


(b) Biological Sciences


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93. HOLMQVIST, Ivo, ‘Sven Berggren’s 1873–1875 Journey to New Zealand’ in Ferdinand Hochstetter and the Contribution of German-Speaking Scientists to New Zealand Natural History in the Nineteenth Century, BRAUND, James, ed. (Frankfurt: Peter Lang, 2012), pp. 61–72. (Germanica Pacifica, no. 10)


105. PILS, Robert, ‘Botany and Botanists (Ferdinand Hochstetter, Georg Frauenfeld, Anton Jelinek, Eduard Schwarz) on the Circumnavigation of the Globe by the Austrian Frigate Novara’ in Ferdinand Hochstetter and the Contribution of German-Speaking Scientists to New Zealand Natural History in the Nineteenth Century, BRAUND, James, ed. (Frankfurt: Peter Lang, 2012), pp. 197–210. (Germanica Pacifica, no. 10)


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110. BREDNICH, Rolf W., ‘Augustus Koch (1834–1901) and Hochstetter’s North Island Expedition’ in Ferdinand Hochstetter and the Contribution of German-Speaking Scientists to New Zealand Natural History in the Nineteenth Century, BRAUND, James, ed. (Frankfurt: Peter Lang, 2013), pp. 271–84. (Germanica Pacifica, no. 10)


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(b) 1788–1900

(i) Applied Sciences

(a) Medical and Health Sciences


(b) Agricultural and Related Sciences


(c) Engineering


(ii) Human Sciences


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(a) Physical Sciences


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(c) Earth Sciences


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(e) Applied Sciences

(i) Medical and Health Sciences


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262. HEYDON, Susan and DUFFAL, Stephen, Pharmacy at Otago: the First 50 Years: the School, the Profession and the People Dunedin (Dunedin: New Zealand National School of Pharmacy, University of Otago, 2013), 80 pp.


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(iii) Engineering


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(i) Psychology


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362. THOMAS, Martin and NEALE, Margo, eds., Exploring the Legacy of the 1948 Arnhem Land Expedition (2012)

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