Bibliography of the History of Australian Science, No. 31, 2010

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Items cited in this bibliography relate to the history of science in Australia and its neighbours New Zealand, New Guinea and other islands of the Pacific Ocean near Australia, and Antarctica. Publications include material on the history of the natural sciences (mathematics, physical sciences, earth sciences, and biological sciences), some of the applied sciences (including medical and health sciences, agriculture, and engineering), and human sciences (psychology, anthropology, and sociology). Also of interest is biographical material on people active in these sciences.

Sources used in compiling this bibliography include an extensive list of journals and databases that have yielded relevant citations in the past. These have been particularly useful in locating epublications. In particular, the libraries of the Royal Botanic Gardens Melbourne and the University of Melbourne were useful sources of material, as were the catalogues of the National Library of Australia and the National Library of New Zealand Te Papa Matauranga O Aotearoa.

Assistance has been received from a number of people who sent items or information for inclusion in the bibliography. In particular, Professor Rod Home has diligently forwarded 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. Thanks are also due to those individuals who alerted the compiler to relevant information. Readers may have access to information about relevant books, journal articles, conference papers, reports, Master’s and PhD theses, and reviews published in 2011. They are encouraged to send such information to the compiler at the above email address for inclusion in future bibliographies.

A. History of Australian Science

(a) General Works

B. History of Natural Sciences

(a) Physical Sciences

(b) Biological Sciences
12. BEAN, A. R., ‘The Discovery and Documentation of the Eucalypts of Queensland and New


32. PELLS, Philip J. and HAMMON, Philip J., *“The Burning Mists of Time”: a Technological and Social History of Mining at Katoomba* (Blackheath, N.S.W.: Writelight, 2010), 258 pp.


C. History of Applied Sciences

(a) Medical and Health Sciences


(b) Agricultural and Related Sciences


(c) Engineering and Technology


D. History of Human Sciences


E. Chronological Classification

(a) 1788–1900

(i) General Works


(ii) Natural Sciences


(a) Physical Sciences


(b) Biological Sciences


64. LUCAS, A. M., ‘Ferdinand von Mueller’s interactions with Charles Darwin and His Response to Darwinism’, *Archives of Natural History*, 1 (2010), 102–130.


68. PFENNINGWERTH, S., ‘“The Mighty Casowary”: the Discovery and Demise of the King Island Eria’, *Archives of Natural History*, 37 (2010), 74–90.

(c) Earth Sciences


70. BRANAGAN, David F., ‘Australia’s First Marble Quarry’, *Journal of Australasian Mining History*, 7 (2009), 1–16.

71. COOPER, Barry J., ‘“Snowball Earth”: the Early Contribution from South Australia’, *Earth Sciences History*, 29 (2010), 121–145.


77. TUFFIN, Richard, ‘“Where the Vicissitudes of Day and Night are not Known”: Convict Coal Mining in Van Diemen’s Land’, *Tasmanian Historical Studies*, 13 (2008), 35–61.


(iii) Applied Sciences

(a) Agricultural and Related Sciences


(b) Engineering and Technology

(c) Human Sciences


(b) 1901–

(i) General Works


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(a) Physical Sciences


94. HAWKINS, Jenny, *Francis Lions: a Memoir* (Ainslie, A.C.T.: Jenny Hawkins, 2010), 139 pp. Lions was on the faculty of the School of Chemistry, University of Sydney.


101. ORCHISTON, Wayne, ‘The Changing Role of the “Catts Telescope”: the Life and Times of a Nineteenth Century 20–inch Grubb Reflector’, *Journal of Astronomical History and Heritage*, 13 (2010), 235–254. The telescope was transferred to Australia in 1928, and was used at Mt Stromlo and in Western Australia.

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152. HOBIBINS, Peter G., ‘“Immunisation is as Popular as a Death Adder”: the Bundaberg Tragedy and the Political Deployment of Medical Science in Interwar Australia’, Social History of Medicine (2010), http://shm.oxfordjournals.org/content/early/2010/09/03/shm.hkq047.abstract


158. SANKARAN, Neeraja, ‘The Bacteriophage, its Role in Immunology: how Macfarlane


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162. DAWBER, Carol and HAYLOCK, Hilary, Major Bob: the Life and Times of Robert Adams Wilson of Rangitikei (Dunedin: River Press, 2010), 268 pp. Wilson was a strong advocate for forestry in New Zealand.
163. ELLIS, David, The Small Dams of Central Otago: a History of the Small Dams that were Built to Provide Irrigation and Electricity for the people of the Area (Alexandra, N.Z.: D. Ellis, 2009), 156 pp.
164. EVANS, Peter, From Fjords to Eucalypt Forests: Bjarne K. Dahl’s Journey ([Melbourne]: Bjarne K. Dahl Trust, 2010), 33 pp. Dahl was a forester with the Victorian Forests Commission.

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194. PETIT, Richard E., Perry’s Arcana (2009)

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