

21 See e.g. McLernon, C. R. 'Early Geological Maps of New Zealand'. *N.Z. J. Geol.* 18 (5), 1974, pp. 745-51.

22 Two Otago theses on Hector by J. L. Ewing (1929) and R. M. Burnett (1936) were based upon the Hocken Collections. Among more recent studies are those by A. B. McRobie, 'An administrative history of the Otago Museum' (M.A., Univ. of Otago, 1966) and G. S. Parsonson, 'A brief history of the Otago School of Mines, 1871-1971', (pamphlet 8 pp. (n.d.) Dunedin). Professor Parsonson's researches may well provide future models in New Zealand of the potential for local science history as part of the intellectual heritage in each province. Certainly the studies emanating from Otago have paved the way for much more in this field.

23 For a positive view of Bickerton see Burdon, R. M. *Scholar Errant: A Biography of Professor A. W. Bickerton*. Christchurch, Pegasus Press, 1956.

24 The serious student of Cheeseman would start, of course, in the Library of the Auckland Institute and Museum where, too, many scientific MSS are deposited. For Cheeseman see e.g. MS 57, 58 and 419 in that repository. The copies of the Cheeseman-Kirk correspondence in Turnbull are from the Auckland Institute.

25 I have been privileged to examine relevant papers in each of these institutions. The Taranaki Museum also has some very useful papers in this area of enquiry. The National Archives Collections are rich in departmental science.

26 This is not to deny the importance of the Wellington scientific community under Provincial Government. The Crawford Papers offer more insight into this for example.

27 This important collection is the veritable fundament of a national science archive. It is continued chronologically in part by the records and archives of the Royal Society of New Zealand for which see Hoare, M. E. 'Archives of the Royal Society of New Zealand, 1908-54 (formerly the New Zealand Institute)', *Archifacts/Bulletin of the Archives Committee of the New Zealand Library Association*, 8 (July 1976), pp. 5-8.

28 Hoare, M. E. *Reform in New Zealand Science 1880-1926* (Third Cook Lecture, 1976). Melbourne, Hawthorn Press, 1976.

29 See Dick, I. D. 'The history of scientific endeavour in New Zealand', *N.Z. Science Review*, 9 (9) pp. 139-43.

30 Some of the 'reformers' indeed were academic scientists. See Beaglehole, J. C. *The University of New Zealand: an historical study*. Wellington, 1937.