



NEW ZEALAND  
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## ARCHAEOLOGY IN NEW ZEALAND



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## RECENT REPORTS

- Allen, H., C. Phillips, A. Skipper, J. Te Moananui-Waikato, C. Reidy, and B. Cook 1994. *Taskforce Green/ University of Auckland Archaeological Project, Waihou River (1993)*. Department of Anthropology, University of Auckland. 85pp.

Describes Taskforce Green project involving training in archaeology and experience of survey work in the Hikutaia River, Komata Stream, and Thames vicinities. Six pa were mapped in detail and the group assisted with excavations at Hurumoimoi pa and Pukehue pa. The report includes an analysis of the impact of flood protection works on archaeological sites of the Waihou River, and concludes that extensive damage had been, and is continuing to be, done to sites in the area.

- Jones, K.L. and P.G. Simpson 1995. *Archaeological Site Stabilisation and Vegetation Management. Case Studies I: Coromandel, Bay of Plenty and Hawkes Bay, Central Volcanic Plateau and Taranaki*. Science and Research Series 84, Department of Conservation, Wellington. 124pp.

Archaeological sites which provided case studies in the *Manual of Vegetation Management on Archaeological Sites* by Jill Hamel and Kevin Jones were re-visited 12 years later. Further case studies of vegetation management are added. Three basic vegetation covers are recommended for sites: (a) grazed or mown grass swards, (b) early successions maintained at bracken or shrubland stage, and (c) forest canopies with manipulation of understorey to maintain a gallery effect.

- Lawlor, I. 1994. *Cultural Heritage Inventory: Archaeological Sites Within North Shore City*. Technical Publication 41, Environment Division, Auckland Regional Council. 261pp.

A thorough review of the archaeology of the City of North Shore, with detailed summaries of the results of site recording and excavation work. Appendices include biographies, heritage lists, a paper describing a survey of recorded archaeological sites of the Birkenhead Ward by Richard Jennings, and a paper discussing European ditch, bank and hedge fencing in Takapuna by Dianne Harlow.

- Wilkes, O. 1994. Report on archaeological survey of King Country coastline 1992-1994. Unpublished report. 154pp.

A detailed report on a site survey of the King Country coastline, with notes on the types of site encountered, a preliminary analysis of the site distribution, and a discussion of site importance, condition and future protection. During the survey, 160 previously recorded sites were re-visited

## RECENT PUBLICATIONS

and a 412 sites were recorded for the first time. Thirty-four sites were mapped in detail.

### SOME RECENT ARTICLES

McFadgen, B., F.B. Knox, and T.R.L. Cole 1994. Radiocarbon calibration curve variations and their implications for the interpretation of New Zealand prehistory. *Radiocarbon* 36 (2):221-236.

The authors identify a 'calibration stochastic distortion (CSD) effect' in distributions of calibrated radiocarbon dates. The CSD effect is a construct of the interaction between the changing slope of the calibration curve and the spreading of radiocarbon dates because of standard errors. The CSD effect increases the spread of calendar dates and causes spurious peaks and troughs in the data. Taking inbuilt age and the CSD effect into account the authors suggest a settlement date for New Zealand of ca. 700 cal BP.

Two articles have appeared recently on aspects of the 1880s coastal fortifications:

Garie, F. 1994. 6 inch disappearing hydro-pneumatic guns in New Zealand. *Journal of Ordnance Society* 6:62-82.

Mitchell, J. 1993. The Russian Scare harbour forts of Auckland, New Zealand. *Fort* 21:83-104.