



NEW ZEALAND  
ARCHAEOLOGICAL  
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## ARCHAEOLOGY IN NEW ZEALAND



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## RECENT REPORTS

Beavan-Athfield, N.R., McFadgen, B.G. and Sparks, R.J. (2001). Environmental influences on dietary carbon and C14 ages in modern rats and other species. *Radiocarbon* 43: 7-14.

Gumbley, W. 2001. An appraisal of archaeological issues relating to the proposed subdivision of Slipper Island and an assessment of effects on archaeological values. Unpublished report. 5 pp.

Higham, T.F.G and Petchey, F.J. 2000. On the reliability of rat bone for dating in New Zealand. *Journal of the Royal Society of New Zealand* 30(4): 399-409.

Knox, F.B., and McFadgen, B.G. (2001). Least-squares fitting smooth curves to decadal radiocarbon calibration data from AD 1145 to AD 1945. *Radiocarbon* 43: 87-118.

Leach, B.F. 2001. Te Oroï Subdivision, East Coast Wairarapa. Archaeological Appraisal. Unpublished report. 54 pp plus copies of SRFs. [Examination, based on existing data, of the likely impact of proposed development on archaeological sites at Te Oroï.]

Petchey, F., 2001. Radiocarbon Determinations from the Mulifanua Lapita site, Upolu, Western Samoa. *Radiocarbon*, 43(1):63-68.

Petchey, F. 2000. Radiocarbon Dating Fish Bone from the Houhora Archaeological Site, New Zealand. *Archaeology in Oceania*, 35:104-15.

Petchey, P. 2001. Fairfield Bypass. Report on Archaeological Investigations during construction of the Fairfield Bypass. Dunedin. Unpublished report. 51 pp. [New road construction impinged on remains of part of Walton Park

Colliery (1870-1903). Old railway formation and a house site were also affected and monitoring was undertaken. Investigation of old mines hampered by well-justified safety concerns.]

Petchey, P. 2001. Eichardt's Hotel, Queenstown. Archaeological Investigations. Unpublished report. 69 pp. [Limited archaeological investigations undertaken during the redevelopment of the hotel. There has been a hotel there since the 1860s but the existing fabric dates largely to 1871-1886 period. Work clarified main building phases and demonstrated the continual additions to, and piecemeal modification of, the interior.]



*One of the more interesting sites from a flight around Mt Egmont in February 2001. The landscape is composed of the surface of Lahar slides off the upper slopes of Mt Egmont. This unusual set of three ring ditch pa just south of Cape Egmont has been built on lahar mounds (porridge lumps left when the slide stops). This was a dry period by Taranaki standards, and it was easy to see the extent of the former swamps, marked by green grass and closely reticulated drains. Kevin Jones.*