

While four birds do not represent a great abundance of the species, I consider it probable that the Black Bittern was a not infrequent visitor to Lake Poukawa. In terms of minimum numbers of species from site N141/12, it comprised 0.17% of the total avian population from the Maori occupation era (100-1000 years BP) and 0.15% from the Taupo era (1000-2500 years BP). The Paradise Shelduck and Southern Crested Grebe were found in proportions similar to the Black Bittern.

The presence of the submature femur also raises the possibility that this species was breeding in New Zealand. This would not be unlikely, in view of their estimated abundance.

Dupetor flavicollis is found in southern and south-eastern Asia, New Guinea, the Solomons and Australia. One of the five subspecies, *Dupetor flavicollis gouldi*, occurs in Australia. Its recognised range is from the Moluccas to New Guinea, and coastal Australia, except for the southern regions (Condon 1975). It lives near fresh or salt water, in the timbered regions of streams, lakes and mangrove swamps.

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COLOUR-MARKED TURNSTONE IN MANUKAU HARBOUR

At this late date it seems worth recording that a Turnstone (*Arenaria interpres*) showing brilliant orange dye on its rump and tail was seen at Karaka shellbanks on 3/12/67, after the summer shorebird census. The writer, with S. Fogarty, T. Harty and S. Payne, had set out to walk the banks to check through the small birds when the Turnstone flew past us. H. R. McKenzie found through correspondence with the late Keith Hindwood in Australia, that the bird had been marked on the Pribilof Islands, off Alaska, shortly before the southern migration and that a similarly marked Turnstone had been seen in Australia at about the same time. Unfortunately no further details are available but banding of migratory waders now under way in New Zealand may be expected to produce interesting results.

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