

- REISCHEK, A., 1888. Notes on the Islands to the South of New Zealand. Trans. N.Z. Inst., 21: 378-389.
- RICHDALE, L. E. (n.d.). Wild Life on an Island Outpost. (Privately printed, Dunedin).
- RICHDALE, L. E., 1949a. The Pre-egg Stage in Buller's Mollmawk. Biol. Monographs No. 2. (Privately printed, Dunedin).
- RICHDALE, L. E., 1949b. Buller's Mollmawk: Incubation Data. Bird Banding, 20: 127-141.
- RICHDALE, L. E., 1964. Notes on the Mottled Petrel *Pterodroma inexpectata* and other Petrels. Ibis, 106: 110-114.
- STEAD, E. F., 1948. Bird Life on the Snares. N.Z. Bird Notes, 3: 70-79.
- STONEHOUSE, B., in press. The Snares Crested Penguin.
- WAITE, E. R., 1909. Vertebrata of the Subantarctic Islands of New Zealand in The Subantarctic Islands of New Zealand ed. Chas. Chilton, 2: 542-600.
- WARHAM, J., 1956. The Breeding of the Great-winged Petrel *Pterodroma macroptera*. Ibis, 98: 171-185.
- WARHAM, J., 1960. Some Aspects of Breeding Behaviour in the Short-tailed Shearwater. Emu, 60: 75-87.
- WARHAM, J., 1962. The biology of the Giant Petrel *Macronectes giganteus*. Auk, 79: 139-160.
- WARHAM, J., 1963. The Rockhopper Penguin *Eudyptes chrysocome* at Macquarie Island. Auk, 80: 229-256.
- WARHAM, J., in press. The biology of the White-headed Petrel *Pterodroma lessoni* at Macquarie Island.
- WILSON, E. A., 1907. Aves, Nat. Ant. Exp. 1901-1904, 2. Zoology: 1-121.
- WILSON, R. A., 1959. Bird Islands of New Zealand.



## SHORT NOTE

### INLAND OVER-WINTERING OF BANDED DOTTEREL IN THE SOUTH ISLAND

One of the best "birding" places during the winter in Central Otago is near the mouth of the Matukituki River where it enters the western side of Lake Wanaka. The river being low in the cold weather, there are usually plenty of sandbanks and bars for gulls and herons; and nearby, on the damp, lake-edge paddocks of Mr. J. R. Ewing's property, are favourite feeding habitats for Spur-wings (*L. novaehollandiae*). The lake, of course, provides refuge for ducks, geese and swans.

The past three winters we have recorded flocks, totalling up to 50 birds, of the Banded Dotterel (*C. bicinctus*), and to check the fact that they were really over-wintering and not just early arrivals, I have this winter kept a tag on them every month since January, when the usual exodus begins. By 25/2/67 there were only 48 left that I could find (these feeding on bare soil among turnip seedlings); and from the rather scattered groups in the area since that date, I should say that this is the total of the over-wintering ones this year. I counted 39 on 8/7/67, but some others were hidden in hollows. Most of these feed on the damp, grassy pastures among the sheep, although a few are to be found along the muddy, weedy lake-edge or river sand-bars. On 8/7/67 some males were showing brighter breeding plumage bands, although all the females seemed to be still in winter dress.

So far this is the only area where I have been able to find Banded Dotterels in winter in Central Otago, and it would be interesting to know if there are any other far-inland places in the South Island where this behaviour occurs.

— PETER CHILD