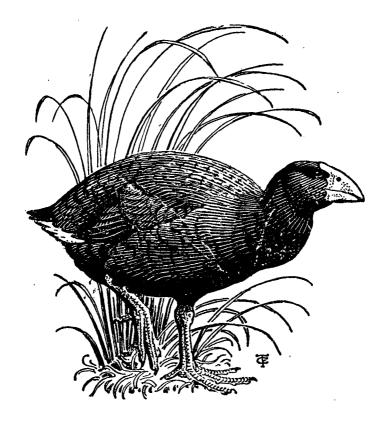
NOTORNIS



QUARTERLY JOURNAL

of the

Ornithological Society of New Zealand

Volume Eighteen, Number Two, June, 1971

NOTICE TO CONTRIBUTORS

Contributions should be type-written, double- or treble-spaced, with a wide margin, on one side of the paper only. They should be addressed to the Editor, and are accepted on condition that sole publication is being offered in the first instance to "Notornis." They should be concise, avoid repetition of facts already published, and should take full account of previous literature on the subject matter. The use of an appendix is recommended in certain cases where details and tables are preferably transferred out of the text. Long contributions should be provided with a brief summary at the start.

Reprints: Twenty-five off-prints will be supplied free to authors, other than of Short Notes. When additional copies are required, these will be produced as reprints, and the whole number will be charged to the author by the printers. Arrangements for such reprints must be made directly between the author and the printers, Te Rau Press Ltd., P.O. Box 195, Gisborne, prior to publication.

Tables: Lengthy and/or intricate tables will usually be reproduced photographically, so that every care should be taken that copy is correct in the first instance. The necessity to produce a second photographic plate could delay publication, and the author may be called upon to meet the additional cost.

Illustrations: Diagrams, etc., should be in Indian ink, preferably on tracing cloth, and the lines and lettering must be sufficiently bold to allow of reduction. Photographs must be suitable in shape to allow of reduction to $7" \times 4"$, or $4" \times 3\frac{1}{2}"$.

Abstracts: All papers exceeding 500 words are to be preceded by an abstract, briefly indicating the contents of the paper.

Proofs: First proofs of papers will be sent to authors at the discretion of the Editor, or upon request. They should be returned without delay.

Nomenclature: Contributors should follow the Checklist of N.Z. Birds for both the scientific and vernacular names. Scientific names of species and genera are printed in italics, and in the script should be underlined; and the specific or subspecific name should be enclosed in brackets if following the vernacular name, thus: Stewart Island Kiwi Apteryx australis lawryi. It is necessary to give the scientific name as well as the vernacular the first time the latter is mentioned, but thereafter only one of the names. Capital letters should be used for vernacular names.

References: If listed, these should be in the form of the following examples:

- 1. Atkinson, I. A. E., 1964: Feeding stations and food of the North Island Saddleback in August. Notornis 11, 2, 93-97.
- 2. Buller, W. L., 1888: A History of the Birds of New Zealand (2nd ed.) 2 vols., the author, London.

The references should be serially numbered, and in the text, should be shown thus: Atkinson 1964 (1), and Buller 1888 (2). If references are cited in the text, the following shortened form may be used: Atkinson 1964, Notornis 11, 2: 93-97.

Publication: Contributions will normally be published approximately in the order in which they are received by the Editor, but at his discretion. He may seek the opinion of the Editorial Committee, appointed by the Council of the Society, on any matter including the general suitability of the contribution for publication.

Authors are requested to take care that the submitted text is correct. Only too often the Editor is asked to make a number of alterations or additions, which are not always clearly expressed or tidily presented

NOTORNIS

In continuation of New Zealand Bird Notes

Volume XVIII, No. 2 - - - JUNE, 1971

JOURNAL OF THE ORNITHOLOGICAL SOCIETY OF NEW ZEALAND (Incorporated)

Registered with the G.P.O., Wellington, as a Magazine

Edited by R. B. SIBSON, 26 Entrican Avenue, Remuera, Auckland 5

Annual Subscription: Student Membership, \$2 (to age 18); Ordinary Membership, \$4; Endowment Membership, \$5; Husband/Wife Membership, \$5; Life Membership, \$80 (age over 30).

Subscriptions are payable on a calendar year basis at the time of application for membership and on receipt of invoice each January thereafter.

Applications for Membership, Changes of address and Letters of Resignation should be forwarded to the Hon. Treasurer.

OFFICERS 1971 - 72

President — Mr. F. C. KINSKY, Dominion Museum, Private Bag, Wellington

Vice-President — Mr. B. D. BELL, Wildlife Branch, Dept. of Internal Affairs, Private Bag, Wellington

Editor — Mr. R. B. SIBSON, 26 Entrican Avenue, Auckland, 5

Assistant Editor — Mr. A. BLACKBURN, 10 Score Road, Gisborne

Treasurer — Mr. H. W. M. HOGG, P.O. Box 3011, Dunedin

Secretary — Mr. B. A. ELLIS, 44 Braithwaite Street, Wellington, 5

Members of Council:

Mr. A. BLACKBURN, 10 Score Road, Gisborne

Dr. P. C. BULL, 131 Waterloo Road, Lower Hutt

Dr. R. A. FALLA, 41 Kotari Road, Days Bay, Wellington

Mrs. J. B. HAMEL, 42 Ann Street, Roslyn, Dunedin

Mr. N. B. MACKENZIE, Pakowai, Napier R.D. 3

Mr. D. V. MERTON, Wildlife Branch, Dept. of Internal Affairs, Private Bag, Wellington

Mr. R. R. SUTTON, Lorneville Post Office, Invercargill Conveners and Organisers:

Nest Records: Mr. D. E. CROCKETT, 90 Jellicoe Street, Wanganui Beach Patrol: Mr. M. J. IMBER, Wildlife Branch, Dept. of Internal Affairs, Wellington

Recording: Mr. A. T. EDGAR, Inlet Road, Kerikeri

Librarian: Mrs. H. M. McKENZIE, P.O. Box 45, Clevedon

Despatch of 'Notornis' and enquiries for back numbers —

Mrs. H. M. McKENZIE, P.O. Box 45, Clevedon

Card Committee: Mr. B. D. BELL, Wildlife Branch, Dept. of Internal Affairs, Wellington

Contents of Volume 18, No. 2: June, 1971

The Distribution and Abundance of the Paradise Shelduck Tadorna variegata (Gmelin) in New Zealand from Pre-	
European Times to the Present Day (Murray Williams)	71
Three Song Thrushes at Macquarie Island (W. J. Merilees)	87
Aspects of Breeding Behaviour in the Royal Penguin Eudyptes chrysolophus schlegeli (John Warham)	91
Plate II — Royal Penguins During Guard Stage	92
Plate III — Part of Small Colony at Lusitania Bay	94
Plate IV — The Guard Stage at a Typical Rocky Site	99
Plate V — Immatures Standing in "Clubs" During Moult	103
Plate VI — Elephant Seal Encroaching on Breeding Site	105
Short Note — An Impressive Assemblage of Albatrosses	115
Sightings of Rare Waders in the Far North (A. T. Edgar)	116
Short Note — Communal Fishing by Shags	117
Field Study Course, Far North, 11-18 January, 1971 (A. T. Edgar)	118
Short Notes — A Hitchhiking Turnstone; Marsh Sandpipers in the Bay of Plenty; Black-fronted Dotterels Nesting Near Timaru; Grey Duck with Large Broods at South East Island	130
Annual General Meeting	134