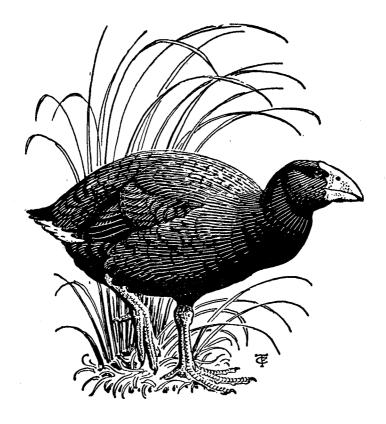
NOTORNIS



QUARTERLY JOURNAL

of the

Ornithological Society of New Zealand

Volume Sixteen, Number One, March, 1969

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" x 4", or 4" x $3\frac{1}{2}$ ".

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 aften 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 XVI, No. 1

MARCH, 1969

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, S.E. 2

Annual Subscription: Ordinary Member, \$2; Endowment Member, \$3 Life Membership, \$40 (for members over thirty years of age)

Subscriptions are a minimum of \$2 a year, payable at the time of application and the first of each year thereafter.

OFFICERS 1968 - 69

President — Dr. G. R. WILLIAMS, Wildlife Branch, Dept. of Internal Affairs, Private Bag, Wellington

Vice-President — Mr. F. C. KINSKY, Dominion Museum, Wellington Editor — Mr. R. B. SIBSON, 26 Entrican Avenue, Auckland, 5

Assistant Editor — Mr. A. BLACKBURN, 10 Score Road, Gisborne Treasurer — Mr. J. P. C. WATT, P.O. Box 1168, Dunedin

Secretary — Mr. B. A. ELLIS, 36 Hartley Avenue, Christchurch, 5

Members of Council:

Mr. B. D. BELL, Wildlife Branch, Dept. of Internal Affairs, Wellington 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. B. D. HEATHER, 10 Jocelyn Crescent, Pinehaven, Silverstream Mr. N. B. MACKENZIE, Pakowai, Napier R.D. 3

Convenors 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 Vol. 16, No. 1: March, 1969

A New	v Bird for New Zealand — Australi Arrowtown (G. R. Chance)		Grebe	at
Plate I	— Australian Dabchick (Podiceps no Arrowtown on 30/11/68	vaehollana 	<i>liae)</i> n 	ear
Plate 1	II — New Zealand Dabchick (Podice small lagoon, Wellington coast	eps rufope 	ectus) 	on
Breedin	g Biology of Rifleman at Dunedin (F	R. S. Gray	·)	
	II (1) - Ten-day old chick of Sou			nan
Plate I	V (2) — Male Rifleman about to lea	ve nest		
Plate V	V (3) — Male Rifleman arriving wit	h green	caterpi	llar
Plate \	VI (4) — Female Rifleman arriving	with a sn	nall m	oth
	/II (5) — Young female Rifleman be			
Plate V	VIII (6) — Male Rifleman leaving no	est with f	aecal	sac
Courtsh	nip and Copulatory Behaviour of the Duck (Murray Williams)		and G	rey
	X — Social Courtship of Grey Duck			••••
Plate X	K — Head up - tail up			
Plate X	II — Male "leading" in response to i	nciting fer	nale	
	XII — Male Preen-dorsal to female			
Plate X	III — Wing-flap	******		•••••
Plate X	(IV — Copulation I: Head-pumping			
	V — Copulation II: Female in prone per mount		ake ab	out
Plate X	XVI — Copulation III: Cloacal contact			
Plate X	IVII — Copulation IV: Post-copulatory	Bridle by	male	
	(VIII — Copulation V: Post-copulatory (left)		by m	ale
What D	Oo Keas Die Of? (J. R. Jackson)	•••••		
Plate X	XIX — Female Kea eating one of her	eggs		
	Petrels as Migrants to Northern Ne Sibson)		d (R.	В.
I	s Found Dead in New Zealand in 196 B. W. Boeson)		•••••	
Short I	Notes — Arctic Tern in Manukau Redpoll Flock		A Hu	ıge
Plate X	X — Biziura lobata: Posterior aspect	•••••		
	XXI — Biziura lobata: Anterior aspect			
Short I	Notes — Brown Booby in Bay of Ist released on Kapiti Island; Small Flock Hawkes Bay; Glossy Ibis in Central G Godwits in South Westland; Male I Combat; A Further Record of Americ	lands; Bro of Wrybil Otago; Ra Bellbirds can Whim	own T ls, Inla il in E locked brel	eal ind cel; in
Letter		•••••		
Reviews	s			•••••