

QUEENSLAND DEPARTMENT OF PRIMARY INDUSTRIES

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**STUDIES OF WATERFOWL (ANATIDAE) IN NORTH  
QUEENSLAND. 2. PARASITE RECORDS**

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**SUMMARY**

Forty-four new records of parasites of waterfowl collected in north Queensland during 1958-1964 are presented.

**INTRODUCTION**

Lapage (1961) has recorded 118 host-parasite associations (synonyms included) for the 15 native waterfowl species that occur in Queensland north of the Tropic of Capricorn; there are four other records by Gilruth *et al.* (1910), Young (1939) and Bearup (1957). Only 19 records, however, are from birds actually taken in north Queensland (Johnston 1913; Nicoll 1914; Maplestone 1921, 1922; Maplestone and Southwell 1922).

During 1958-1964, extensive collecting of waterfowl was undertaken in north-eastern Queensland around Townsville, from Ingham to Bowen and inland to Powlathanga (see Lavery 1966); collecting on a smaller scale was conducted elsewhere in north Queensland. Birds were sealed separately in plastic bags immediately after being shot. Each bag was opened in the laboratory and ectoparasites detected by examining the feathers and then rubbing these vigorously for several minutes over a clean sheet of paper. Endoparasites were taken from the alimentary and respiratory tracts.

All the specimens were preserved and forwarded to appropriate authorities for identification; subsequently, Clay (1961, 1963) described three new species collected in the course of this study.

Because of the present state of parasite identifications at the species level, the new records are presented only as one list with parasites placed together with locality under the appropriate host.

**RECORDS****Magpie goose***(Anseranas semipalmata (Latham))*

## Mallophaga

*Acidoproctus hilli* (Harrison). Ingham, 13.xi.61; Townsville, 7.iii.60.*Holomenopon goliath* Clay. Townsville, 5.viii.58.

## Trematoda

*Typhlocoelium cymbium* (Diesing). Bowen, 30.viii.59.

## Nematoda

*Tetrameres* sp. Townsville, 12.ix.58.**Grass whistling-duck***(Dendrocygna eytoni (Eyton))*

## Mallophaga

*Acidoproctus* sp. Brandon, 29.ix.60; Townsville, 15.x.58, 4.iv.60, 6.xi.61,  
13.xi.61.*Degeeriella* sp. Brandon 29.ix.60; Townsville, 4.iv.60, 13.xi.61.*Holomenopon* sp. Townsville, 4.iv.60.*Trinoton fluviatile* Clay. Brandon, 29.ix.60.*Trinoton* sp. Townsville, 13.xi.61.

## Diptera

*Lynchia schoutedeni* Beq. Townsville, 13.xi.61.*Lynchia ardeae* Macq. Townsville, 22.vii.59.

## Trematoda

*Echinostomatidae* sp.? "Nosnillor", near Charters Towers, 17.iv.63.

## Cestoda

*Hymenolepis megalops* Nitzsch. Powlathanga, 8.v.63.**Water whistling-duck***(Dendrocygna arcuata australis (Reichenbach))*

## Mallophaga

*Acidoproctus emersoni* Timmerman. Townsville, 5.xii.61.*Acidoproctus* sp. Townsville, 4.iv.60, 23.xi.61.*Trinoton laveryi* Clay. Townsville, 4.iv.60.*Trinoton* sp. Townsville, 16.i.59, 17.xii.59.

## Cestoda

*Diplogynia oligorchis* Maplestone. Townsville, 11.vii.61, 5.xii.61.*Hymenolepis lanceolata* (Bloch). Townsville, 11.v.60.

**Black swan***(Cygnus atratus (Latham))*

## Mallophaga

*Ornithobius fuscus* Le Souef. Townsville, 27.xi.61.*Trinoton nigrum* Le Souef. Townsville, 27.x.60, 27.xi.61.*Trinoton* sp. Bowen, 16.i.59, 2.vi.59.

## Trematoda

*Hyptiasmus magnus* S. J. Johnston. Townsville, 7.iii.60.**Black duck***(Anas superciliosa rogersi (Mathews))*

## Protozoa

*Haemoproteus* sp. Pentland, February, 1960.

## Mallophaga

*Anaticola* sp. Ingham, 13.xi.61; Townsville, 17.x.61, 23.x.61.*Trinoton* sp. Bowen, 28.iv.60; Ingham, 13.xi.61; Townsville, 17.x.61,  
23.x.61.

## Trematoda

*Echinostoma revolutum* (Froelich). Townsville, 19.x.61.

## Cestoda

*Fimbriaria fasciolaris* (Pallas). Townsville, 23.x.61.*Hymenolepis megalops*. Townsville, 20.iv.60.**Grey teal***(Anas gibberifrons gracilis (Buller))*

## Mallophaga

*Anaticola* sp. Ingham, 13.xi.61; Townsville, 19.x.61, 24.x.61, 23.xi.61.*Anatoecus* sp. Townsville, 19.x.61, 6.xi.61.*Holomenopon* sp. Ingham, 13.xi.61.*Trinoton* sp. Ingham, 13.xi.61; Townsville, 26.x.60, 24.x.61, 23.xi.61.

## Cestoda

*Hymenolepis megalops*. "Nosnillor", near Charters Towers, 17.iv.63;  
Townsville, 7.xii.61.**White-eyed duck***(Aythya australis australis (Eyton))*

## Mallophaga

*Trinoton* sp. Townsville, 16.ii.60.

## Cestoda

*Diploposthe laevis* Bloch. Ingham, 24.x.61; Townsville, 24.x.61.

**Maned wood duck***(Chenonetta jubata (Latham))*

## Mallophaga

*Anaticola* sp. Townsville, 27.iv.61, 24.x.61.*Anatoecus* sp. Townsville, 24.x.61.*Holomenopon* sp. Townsville, 24.x.61.*Trinoton* sp. Townsville, 27.iv.61, 24.x.61.

## Diptera

*Lynchia schoutedeni*. Townsville, 24.x.61.**Australian pygmy goose***(Nettapus coromandelianus albipennis (Gould))*

## Mallophaga

*Anatoecus* sp. Townsville, 24.xi.61.*Trinoton* sp. Ingham, 25.x.61; Millaroo, 4.xii.61; Townsville, 24.xi.61;  
Woodstock, 18.x.61.

## Trematodo

*Cyclocoelum* sp. Townsville, 24.xi.61.**ACKNOWLEDGEMENTS**

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