

# SOME PARASITIC NEMATODES IN THE COLLECTION OF THE AUSTRALIAN MUSEUM.

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(Figures 1-26.)

A small collection of unnamed parasitic nematodes belonging to the Australian Museum was submitted to us for examination. Those from marsupials have already been dealt with (Johnston and Mawson, 1940), the remainder, from reptiles, birds and rodents, are recorded in this paper. The greater part of the collection was made by Mr. E. Troughton while visiting South Australia on a collecting trip on behalf of the Museum. Two other members of the staff, Messrs. F. A. McNeill and H. S. Grant, also contributed to it. Some material belonging to the old collections of the Museum and obtained by G. Masters and G. Krefft was also examined, but its condition was rather unsatisfactory. The host names, locality, parasites identified, and Museum registered number, are as follows:

## Reptiles.

*Varanus varius* Shaw, from Birchmore Lagoon, Kangaroo Island: *Physaloptera antarctica* var. *typica* Irwin-Smith (W1061).

*Elseya dentata* Gray, Queensland: *Spirogonura elseyae* n. sp. (G11106).

## Birds.

*Malurus leuconotus* Gould, Mt. Lyndhurst, South Australia: Two cysts of *Filaria* (s.l.) sp. (W1077).

*Cysticola exilis* Vig. and Horsf., Moa (Banks) Island, Torres Strait: *Diplotrriaena tricuspis* Fedtsch. (W989).

*Chibia bracteata* Gould, Russell Island, Queensland: *Hamatospiculum chibiae* n. sp. (W1611).

*Ninox boobook*, Hayman Island, Whitsunday Group, Queensland: *Hamatospiculum mcneilli* n. sp. (W.3147).

*Nycticorax caledonicus* Gmelin, Bulli district, N.S.W.: *Contraeaecum nycticoracis* n. sp. (W3236).

*Polyteles alexandrianae* Gould, Beecroft, N.S.W. (in captivity): *Ascaridia columbae* (Gmelin) (W3238).

*Strepera fuliginosa* Gould, Deep Creek, Kangaroo Island: *Oxyspirura streperae* n. sp. (W1075).

*Halcyon pyrrhopygius* Gould, Mt. Lyndhurst, South Australia: *Hamatospiculum halcyonis* n. sp. (W1074, W1070, and W1063).

*Halcyon sanctus* Vig. and Horsf., Kingscote, Kangaroo Island: *Hamatospiculum halcyonis* n. sp. (W1076).

*Corvus*, probably *ceciliae* Matthews, Mt. Lyndhurst, South Australia: *Acuaria corvicola* n. sp. (W1057).

## Mammals.

*Melomys banfieldi* De Vis, Dunk Island, Queensland: *Physaloptera banfieldi* n. sp. (W3237).

*Rattus assimilis* Gould, Deep Creek, Kangaroo Island (W1060); Birchmore Lagoon, Kangaroo Island (W1055); *Physaloptera trouhntoni* n. sp.

*Mus musculus* Linn., Moree, New South Wales: *Protospirura muris* (Gmelin) (G10983).