

Notes on Mallophaga from Owls in Thailand  
by  
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## NOTES ON MALLOPHAGA FROM OWLS IN THAILAND

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Distribution data obtained to date in the MAPS Program clearly indicate that Mallophaga (Chewing Lice) found on owls are not as host specific as previously thought. Mallophaga have not been obtained from all owls in Thailand, but records now available clearly indicate that it is impossible to predict parasite or geographical distribution of the parasites in Southeastern Asia.

All owls discussed in Boonsong Lekagul, Bird Guide of Thailand, are listed below with comments on Mallophaga records obtained to date. Other owls found in Southeastern Asia from which Mallophaga have been collected by MAPS personnel are included in the list.

Each species of owl should have at least one species of the Mallophagan genus Strigiphilus, and at least one species of the genera Kurodaia or Colpocephalum. It is uncommon to find both genera, Kurodaia and Colpocephalum, on the same species of owl.

A plea is made for special collecting effort from certain hosts, as noted below, so that a complete study of the problem can be undertaken.

### RECORDS and COMMENTS

#### Tyto alba - Barn Owl.

No specimens from Southeast Asia from this host have been examined. Kurodaia subpachygaster (Piaget) has been recorded --p. 13 from this host in Europe, North America and other parts of Asia. Strigiphilus aitkeni Clay has been recorded from India, Australia, North America, Tasmania, New Zealand, Borneo and Waingapo Island (Indonesia), while Strigiphilus rostratus (Burmeister) has been recorded from Europe, Africa and the Middle Eastern countries.

It would be interesting to know which species of Strigiphilus is found on this host in Southeast and Northeast Asia.

Phodilus badius - Bay Owl.

Colpocephalum emersoni Price - Malaya.

Strigiphilus marshalli Clay - Malaya, Thailand.

Otus sagittatus - Greater Scops Owl.

No specimens examined.

Otus spilocephalus - Mountain Scops Owl.

Kurodaia platyclypeatum (Piaget) - Formosa, Thailand.

Strigiphilus heterogenitalis Emerson and Elbel - Malaya, Thailand.

Otus scops - Common Scops Owl.

Kurodaia platyclypeatum (Piaget) - Formosa, Philippines.

(Kurodaia cryptostigmatia (Nitzsch) is found on this host in the Middle East).

Strigiphilus heterogenitalis Emerson and Elbel - Formosa, Malaya, Thailand.

Strigiphilus tuleskovi Balat - Thailand.

Otus bakkamoena - Collared Scops Owl.

Colpocephalum pectinatum Osborn - Ceylon.

Kurodaia deignani Elbel and Emerson - Thailand.

Kurodaia platyclypeatum (Piaget) - Formosa, Malaya, Thailand.

Strigiphilus heterogenitalis Emerson and Elbel - Formosa, Malaya.

Buteo nipalensis - Forest Eagle Owl.

No specimens examined.

Buteo sumatranus - Malay Eagle Owl.

No specimens of Kurodaia examined.

Strigiphilus ketupae Emerson and Elbel - Malaya.

Bubo coromandus - Dusky Eagle Owl.

Only one female of Strigiphilus from India, which could not be identified, has been examined.

Ketupa zeylonensis - Brown Fish Owl.

Kurodaia platyclypeatum (Piaget) - Thailand.

Strigiphilus bramae (Qadri) - Nepal.

Strigiphilus ketupae Emerson and Elbel - Thailand.

Ketupa ketupa - Malay Fish Owl.

Kurodaia platyclypeatum (Piaget) - Sumatra.

Strigiphilus ketupae Emerson and Elbel - Thailand.

Glaucidium brodiei - Pigmy Owlet.

Kurodaia deignani Elbel and Emerson - Thailand.

Strigiphilus heterogenitalis Emerson and Elbel - Malaya.

Strigiphilus siamensis Emerson and Elbel - Thailand.

Glaucidium cuculoides - Barred Owlet.

Kurodaia deignani Elbel and Emerson - Nepal, Thailand.

Strigiphilus macrogenitalis Emerson and Elbel - Thailand.

Ninox scutulata - Brown Hawk Owl.

Kurodaia sp. - Philippines.

Strigiphilus heterogenitalis Emerson and Elbel - Philippines.

Athene brama - Spotted Owlet.

Colpocephalum pectinatum Osborn - Burma, India, Thailand.

Kurodaia panjabensis (Ansari) - India.

Strigiphilus bramae (Qadri) - Burma, Thailand.

Strix seloputa - Spotted Owl.

Strigiphilus ketupae Emerson and Elbel - Philippines,  
Thailand.

Strix leptogrammica - Brown Wood Owl.

Kurodia platyclypeatum (Piaget) - Thailand.

Strigiphilus ketupae Emerson and Elbel - Nepal, Thailand.

Asio flammeus - Short-eared Owl.

No specimens from Southeast Asia have been examined. In  
North America the host has:

Colpocephalum brachysomum Kellogg and Chapman.

Kurodaia flammei Price and Beer.

Strigiphilus cursor (Burmeister).

Ninox philippensis - Philippine Boobook Owl.

Kurodaia platyclypeatum (Piaget) - Philippines.

Strigiphilus heterogenitalis Emerson and Elbel - Philippines.

Strigiphilus ketupae Emerson and Elbel - Philippines.

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Strix aluco - Tawny Owl.

Kurodaia platyclypeatum (Piaget) - Formosa.

Strigiphilus laticephalus (Uchida) - Japan

Buteo philippensis - Philippine Horned Owl.

Female specimens of Kurodaia collected in the Philippines  
could not be identified to species.

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