

NEW RECORDS OF MALLOPHAGA FROM WILD CHICKENS

The few published records of Mallophaga from wild chickens are based on specimens obtained from museum skins. Reported herewith are the results of several field collections made in Southeast Asia. Seven collections were made by Harry Hoogstraal in the Philippines; the skins of these hosts are now in the Chicago Natural History Museum. One collection in Laos and 27 collections in Thailand were made by H. G. Deignan, R. E. Elbel, and Boonsong Lekagul; the skins of these hosts are now in the U. S. National Museum. The collections in Laos and Thailand were made possible through the assistance of the U. S. Operations Mission to Thailand, and the U. S. National Museum.

The number of species of Mallophaga being reported is less than that normally found on domestic chickens. This is to be expected, since several of the species found on domestic chickens appear to have been derived from other hosts. Synonymy, illustrations, and distribution on domestic hosts, for each species, has been recently discussed by Emerson (1956. J. Kansas Ent. Soc. 29: 63-79, plates I-XI).

Goniocotes gallinae (DeGeer), 1778.

PHILIPPINES. From *Gallus gallus gallus* (Linnaeus), 1758: 1 male collected at San Pedro, Culi6n, Calamianes.

THAILAND. From *Gallus gallus spadiceus* (Bonnaterre), 1792: 8 females collected from 4 specimens on Phu Lom Lo Mt., Kok Sathon, Dan Sai, Loei; 1 female collected at Ban Hua Thanon, Khlung Khlung, Kamphaeng Phet; and 2 males, 11 females collected on Phu Phak Khi Nak Mt., Kok Sathon, Dan Sai, Loei.

LAOS. From *Gallus gallus spadiceus* (Bonnaterre): 1 female collected at Ban Ton Phung (opposite Chiang Saen Kao, Thailand).

Goniodes dissimilis Denny, 1842.

PHILIPPINES. From *Gallus gallus gallus* (Linnaeus): 3 males, 4 females collected from 2 specimens at San Pedro, Culi6n, Calamianes.

THAILAND. From *Gallus gallus gallus* (Linnaeus): 6 males, 6 females collected from 2 specimens at Ban Sang Kho, Khok Phu, Sakon Nakhon; 4 males, 10 females collected from 2 specimens on Phu Kho Mt., Kan Luang, Na Kae, Nakhon Phanom. From *Gallus gallus spadiceus* (Bonnaterre): 5 males, 5 females collected from 3 specimens on Phu Phak Khi Nak Mt., Kok Sathon, Dan Sai, Loei; 16 males, 36 females collected from 10 specimens on Phu Lom Lo Mt., Kok Sathon, Dan Sai, Loei; 3 males collected at Hin Laem, Tha Khanum, Kanchanaburi; 1 female collected at Khao Suan Kwang, Nam Phong, Khon Kaen; and 1 female collected at Ban Muang Khai, Tha Li, Loei.

LAOS. From *Gallus gallus spadiceus* (Bonnaterre): 1 female collected at Ban Ton Phung (opposite Chiang Saen Kao, Thailand).

Lipeurus caponis (Linnaeus), 1758.

PHILIPPINES. From *Gallus gallus gallus* (Linnaeus): 1 male collected on McKinley Mt., Davao, Mindanao; 4 males, 12 females collected at Carmelita, Busuanga, Calamianes; and 23 males, 20 females collected from 4 specimens at San Pedro, Culi6n, Calamianes.

THAILAND. From *Gallus gallus gallus* (Linnaeus): 4 males, 4 females collected at Ban Sang Kho, Khok Phu, Sakon Nakhon; and 10 males, 3 females collected from 2 specimens on Phu Kho Mt., Kan Luang, Na Kae, Nakhon Phanom. From *Gallus gallus spadiceus* (Bonnaterre): 10 males, 24 females collected from 3 specimens on Phu Phak Khi Nak Mt., Kok Sathon, Dan Sai, Loei; 22 males, 28 females collected from 11 specimens on Phu Lom Lo Mt., Kok Sathon, Dan Sai, Loei; 1 female collected at Hin Laem, Tha Khanum, Kanchanaburi; 5 males, 3 females collected at Khao Suan Kwang, Nam Phong, Khon Kaen; and 1 male collected at Si Than, Wang Saphung, Loei.

LAOS. From *Gallus gallus spadiceus* (Bonnaterre): 1 male, 5 females collected at Ban Ton Phung (opposite Chiang Saen Kao, Thailand).

Menacanthus pallidulus (Neumann), 1912.

PHILIPPINES. From *Gallus gallus gallus* (Linnaeus): 1 male, 1 female collected at San Pedro, Culi6n, Calamianes.

THAILAND. From *Gallus gallus spadiceus* (Bonnaterre): 2 males, 2 females collected at Khao Suan Kwang, Nam Phong, Khon Kaen; 2 males, 2 females collected at Ban Khlua Klang, Prachuap Khiri Khan; and 1 male, 1 female collected on Phu Lom Lo Mt., Kok Sathon, Dan Sai, Loei.

Menopon gallinae (Linnaeus), 1758.

PHILIPPINES. From *Gallus gallus gallus* (Linnaeus): 21 males, 12 females collected on McKinley Mt., Davao, Mindanao; 33 males, 20 females collected from 4 specimens at San Pedro, Culi6n, Calamianes; 6 males, 13 females collected at Carmelita, Busuanga, Calamianes; and 22 males, 9 females, collected at Dimaniang, Busuanga, Calamianes.

THAILAND. From *Gallus gallus gallus* (Linnaeus): 5 males, 3 females collected from 2 specimens at Ban Sang Kho, Khok Phu, Sakon Nakhon; and 1 male, 2 females collected on Phu Kho Mt., Kan Luang, Na Kae, Nakhon Phanom. From *Gallus gallus spadiceus* (Bonnaterre): 13 males, 10 females collected from 3 specimens on Phu Phak Khi Nak Mt., Kok Sathon, Dan Sai, Loei; 42 males, 27 females collected from 8 specimens on Phu Lom Lo Mt., Kok Sathon, Dan Sai, Loei; 1 female collected at Ban Khlua Klang, Prachuap Khiri Khan; 1 male, 1 female collected at Ban Hua Thanon, Khlong Khlung, Kamphaeng Phet; 3 females collected at Khao Suan Kwang, Nam Phong, Khon Kaen; 1 male collected at Ban Muang Khai, Tha Li, Loei; 3 males, 1 female collected at Si Than, Wang Saphung, Loei; and 3 males collected at Ban Na Muang, Na Haeo, Dan Sai, Loei.

LAOS. From *Gallus gallus spadiceus* (Bonnaterre): 3 males, 2 females collected at Ban Ton Phung (opposite Chiang Saen Kao, Thailand).

Oxylipeurus dentatus (Sugimoto), 1934.

THAILAND. From *Gallus gallus spadiceus* (Bonnaterre): 35 males, 40 females collected from 7 specimens on Phu Lom Lo Mt., Kok Sathon, Dan Sai, Loei; 7 males, 7 females collected at Ban Hua Thanon, Khlong Khlung, Kamphaeng Phet; 4 males, 10 females collected from 3 specimens on Phu Phak Khi Nak Mt., Kok Sathon, Dan Sai, Loei; 3 males, 6 females collected at Ban Muang Khai, Tha Li, Loei; and 2 males, 1 female collected at Si Than, Wang Saphung, Loei.—K. C. EMERSON, *Stillwater, Oklahoma* AND ROBERT E. ELBEL, *Lawrence, Kansas*.