

LIST OF THE BATFLIES FOUND IN POLILLO ISLAND

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Family NYCTERIBIIDAE
Subfamily CYCLOPODIINAE

Genus *EUCAMPSIPODA* Kolenati

EUCAMPSIPODA INERMIS INERMIS Theodor

Eucampsipoda inermis Theodor, 1955. Parasitology 45:215. Male, Female.

TYPE: Male, Soribao, Borongan, Samar, Philippines (BMNH).

HOSTS: *Eonycteris spelaea glandifera*, *Rousettus amplexicaudatus*.

DISTRIBUTION: Burma, Java, Malaya, Philippines (Luzon, Catanduanes, Cebu, Leyte, Mindoro, Negros, Samar, Mindanao, Samal, Jolo, Balabac, Busuanga, Palawan, Polillo, new island record), Sumba, Thailand; NE New Guinea.

Specimens examined: On *Eonycteris spelaea*: Quezon-Sibulan, Polillo Island, 1 female July, 1999 (H.P.Roy, Jr. and P.A.Alviola).

On *Rousettus amplexicaudatus*: Quezon-Sibulan, Polillo Island, 2 males and 17 females July –August, 1999 (H.P.Roy, Jr. and P.A.Alviola).

EUCAMPSIPODA PHILIPPINENSIS Ferris

Eucampsipoda philippinensis Ferris, 1924 (in part). Philippine J. of Sci. 24:76.

TYPE: Female, Montalban, Rizal, Luzon, Philippines (STU Palo Alto).

HOSTS: *Eonycteris robusta*, *Hipposideros diadema griseus*, *Rousettus amplexicaudatus*, new host record.

DISTRIBUTION: Philippines (Luzon, Leyte, Mindoro, Mindanao Polillo, new island record).

Specimen examined: On *Rousettus amplexicaudatus*: Quezon-Sibulan, Polillo Island, 2 males July –August, 1999 (H.P.Roy, Jr. and P.A.Alviola).

EUCAMPSIPODA SUNDAICA Theodor

Eucampsipoda sundaicum Theodor, 1955. Parasitology 45:213. Male, Female.

TYPE: Male, Farm Caves, Moulmein, Tenasserim, Burma (MCSN Genova).

Eucampsipoda philippensis Ferris, 1924 (in part). Philippine J. Sci. 24:76. figs. 3c, d. (Male). Theodor, 1963. Fieldiana Zool. 42:178. Philippines. Male, Female.
HOSTS: *Eonycteris spelaea glandifera*, *Rousettus amplexicaudatus*.
DISTRIBUTION: Borneo, Burma, Cambodia, India, Kampuchea, Laos, Malaya, Philippines (Luzon, Leyte, Mindoro, Negros, Mindanao, Palawan Polillo, new island record), Sumatra, Thailand, Vietnam.

Specimen examined: On *Eonycteris spelaea*: Quezon-Sibulan, Polillo Island, I female July, 1999 (H.P.Roy, Jr. and P.A.Alviola).

Genus LEPTOCYCLOPODIA Theodor
Subgenus LEPTOCYCLOPODIA Theodor

LEPTOCYCLOPODIA (LEPTOCYCLOPODIA) FERRARII MABUHAI Maa

Leptocyclopodia (Leptocyclopodia) ferrarii mabuhai Maa, 1975.

Pacif. Insects 16: 474. Male, Female.

TYPE: Male, Glan, Mt. Tuduk, Cotabato, Mindanao, Philippines (BBM Honolulu).

HOSTS: *Cynopterus brachyotis luzoniensis*, *Eonycteris spelaea glandifera*, *Haplonycteris fisheri*, *Ptenochirus jagori*, ?*Macroglossus lagochilus*, ?*Hipposideros diadema*.

DISTRIBUTION: Philippines (Luzon, Guimaras, Leyte, Negros, Panay, Camiguin, Mindanao, Polillo, new island record).

Specimens examined: On *Cynopterus brachyotis*: Quezon-Sibulan, Polillo Island, 6 males and 6 females July –August, 1999 (H.P.Roy, Jr. and P.A.Alviola).

On *Ptenochirus jagori*: Quezon-Sibulan, Polillo Island, 1 male and 3 females July –August, 1999 (H.P.Roy, Jr. and P.A.Alviola).

On *Miniopterus australis*: Quezon-Sibulan, Polillo Island, 1 male July, 1999 (H.P.Roy, Jr. and P.A.Alviola).

On *Rousettus amplexicaudatus*: Quezon-Sibulan, Polillo Island, 1 female July, 1999 (H.P.Roy, Jr. and P.A.Alviola).

LEPTOCYCLOPODIA (LEPTOCYCLOPODIA) SIMULANS (Theodor)

Cyclopodia simulans Theodor, 1959. Parasitology 49:291.

TYPE: Male, Mt. Apo, Todaya, Mindanao, Philippines (FMNH Chicago), ex-*Ptenochirus jagori*.

HOSTS: *Ptenochirus jagori*,? *Cynopterus brachyotis*, ?*Eonycteris robusta*, ? *Macroglossus lagochilus*, ?*Rousettus amplexicaudatus*, *Eonycteris spelaea*, new host record

DISTRIBUTION: Philippines (Luzon, Bohol, Cebu, Leyte, Mindoro, Negros, Camiguin, Mindanao, Polillo, new island record).

Specimens examined: On *Ptenochirus jagori*: Quezon-Sibulan, Polillo Island, 3 males and 7 females July –August, 1999 (H.P.Roy, Jr. and P.A.Alviola).

On *Cynopterus brachyotis*: Quezon-Sibulan, Polillo Island, 1 female July, 1999 (H.P.Roy, Jr. and P.A.Alviola).

On *Eonycteris spelaea*: Quezon-Sibulan, Polillo Island, 1 female July, 1999 (H.P.Roy, Jr. and P.A.Alviola).

Subfamily NYCTERIBIINAE
Genus NYCTERIBIA Latreille

NYCTERIBIA ALLOTOPA ALLOTOPA Speiser

Nycteribia allotopa Speiser, 1901. Arch. Naturg. 67(1):47. Male, Female.

TYPES: Male, Female, Cave at Lian si Paghe, W Sumatra (BMNH), ex-*Vespertilio* sp. Theodor, 1963. Fieldiana Zool. 42:167. Philippines, Male, Female.

HOST: *Pipistrellus imbricatus*, *Miniopterus australis*, new host record

DISTRIBUTION: India, Java, Philippines (Palawan, Polillo, new island record), Sumatra.

Specimen examined: On *Miniopterus australis*: Quezon-Sibulan, Polillo Island, 1 male July, 1999 (H.P.Roy, Jr. and P.A.Alviola).

NYCTERIBIA ALLOTOPOIDES Theodor

Nycteribia allotopoides Theodor, 1963. Fieldiana Zool. 42:157. Male, Female.

TYPE: Male, Luangbay Cave, Sitio Tegato, Davao, Mindanao, Philippines (FMNH Chicago).

HOSTS: *Miniopterus australis*, *M. schreibersi eschscholtzii*, *Myotis macrotarsus*, new host record

DISTRIBUTION: Burma, Philippines (Luzon, Polillo, Mindanao).

Specimen examined: On *Myotis macrotarsus*: Quezon-Sibulan, Polillo Island, 1 female July, 1999 (H.P.Roy, Jr. and P.A.Alviola).

NYCTERIBIA PARVULA Speiser

Nycteribia parvula Speiser, 1901. Arch. Naturg. 67(1):48.

TYPES: 2 Females, Cave Lian si Paghe, W Sumatra (MCSN Genova).

Ferris, 1924. Philippine J. Sci. 25:399. Philippines.

HOSTS: (*Chaerephon luzonus*) = *Tadarina plicata luzona*, *Miniopterus australis*, *M. schreibersi eschscholtzii*, *Rhinolophus arcuatus exiguus*, *Myotis macrotarsus*, new host record

DISTRIBUTION: Burma, India, Java, Malaya, Pakistan, Philippines (Luzon, Polillo, Tablas, Mindanao), Sri Lanka, Sumatra, Taiwan; Afghanistan; Japan, Moluccas, New Guinea.

Specimens examined: On *Miniopterus australis*: Quezon-Sibulan, Polillo Island, 5 males and 4 females July –August, 1999 (H.P.Roy, Jr. and P.A.Alviola).

On *Miniopterus schreibersi*: Quezon-Sibulan, Polillo Island, 2 females August, 1999 (H.P.Roy, Jr. and P.A.Alviola).

On *Myotis macrotarsus*: Quezon-Sibulan, Polillo Island, 1 female July, 1999 (H.P.Roy, Jr. and P.A.Alviola).

On *Cynopterus brachyotis*: Quezon-Sibulan, Polillo Island, 1 female August, 1999 (H.P.Roy, Jr. and P.A.Alviola).

Genus *PENICILLIDIA* Kolenati

PENICILLIDIA ACUMINATA Theodor

Penicillidia acuminata Theodor, 1963. Fieldiana Zool. 42:174. Male, Female.

TYPE: Male, Miatan Cave, Katipunan, Zamboanga, Mindanao, Philippines (FMNH Chicago).

HOSTS: *Chaerephonus luzonus*, *Emballonura alecto*, *Miniopterus australis*, *M. schreibersi eschscholtzii*.

DISTRIBUTION: Java, Philippines (Luzon, Lubang, Tablas, Mindanao, Polillo).

Specimens examined: On *Miniopterus australis*: 2 males Quezon-Sibulan, Polillo Island, July, 1999 (H.P.Roy, Jr. and P.A.Alviola).

On *Miniopterus schreibersi*: Quezon-Sibulan, Polillo Island, 1 female August, 1999 (H.P.Roy, Jr. and P.A.Alviola).

Family STREBLIDAE
Subfamily NYCTERIBOSCINAE

Genus BACHYTARSINA Macquart
(=Genus Nycteribosca Speiser)
Subgenus BRACHYTARSINA Macquart

BRACHYTARSINA (BRACHYTARSINA) AMBOINENSIS Rondani

Brachytarsina amboinensis Rondani, 1878. Ann. Mus. Civ. Stor. Nat. Giacomo Doria 12:66.

TYPE: (sex?), Amboina, Moluccas. Jobling, 1951. Trans. Ent. Soc. London 102:235. Philippines (Mindanao).

HOSTS: *Miniopterus schreibersi blepotis* (Temminck), *M. australis australis* Tomes, *M. tristis*, *Rhinolophus arcuatus*, new host record.

DISTRIBUTION: Burma, India, Java, Malaya, Nicobar, Philippines (Luzon, Tablas, Mindanao, Polillo, new island record), Ryukyu, Sri Lanka, Thailand, Taiwan, Timor, Amboina to Australia, New Caledonia, Japan.

Specimens examined: On *Rhinolophus arcuatus*: 2 females Quezon-Sibulan, Polillo Island, July, 1999 (H.P.Roy, Jr. and P.A.Alviola).

On *Miniopterus australis*: Quezon-Sibulan, Polillo Island, 1 male July, 1999 (H.P.Roy, Jr. and P.A.Alviola).

BRACHYTARSINA (BRACHYTARSINA) HOOGSTRAALI (Jobling)

Nycteribosca hoogstraali Jobling, 1951. Trans. R. Ent. Soc. London 102:227 (key), 232/

TYPE: Female, Malabutuan, Caburan, Davao, Mindanao, Philippines (FMNH Chicago), ex-*C.l. luzoniense*.

HOSTS: [*Cynopterus brachyotis luzoniense* (Peter)]=*Cynopterus brachyotis* S. Mull, *Taphozous melanopogon philippinensis* Waterhouse, *Myotis macrotarsus*, new host record.

DISTRIBUTION: Malaya, Philippines (Mindanao, Polillo, new island record).

Specimens examined: On *Myotis macrotarsus*: Quezon-Sibulan, Polillo Island, 1 female July, 1999 (H.P.Roy, Jr. and P.A.Alviola).

On *Rhinolophus arcuatus*: Quezon-Sibulan, Polillo Island, 1 female July, 1999 (H.P.Roy, Jr. and P.A.Alviola).

BRACHYTARSINA (BRACHYTARSINA) WERNERI (Jobling)

Nycteribosca weneri Jobling, 1951. Trans. R. Ent. Soc. London 102:228

(key),238. Male, Female.

TYPE: Female, Central Cave, Cotabato City, Mindanao, Philippines (FMNH Chicago), ex- *H.d. griseus*

HOSTS: *Hipposideros diadema griseus* Meyer, *Eonycteris robusta* Miller.

DISTRIBUTION: Philippines (Mindanao, Polillo, new island record).

Specimen examined: On *Hipposideos diadema*: Quezon-Sibulan, Polillo Island, 1 male and 2 females August, 1999 (H.P.Roy, Jr. and P.A.Alviola).

Genus MEGASTREBLA Maa
Subgenus MEGASTREBLA Maa

MEGASTREBLA (MEGASTREBLA) PARVIOR PARVIOR (Maa)

Nycteribosca parvior parvior Maa, 1962. Pacif. Insects 4:433. Male, Female.

TYPE: Male, Batu Caves, Malaya (BBM Honolulu).

Nycteribosca gigantea Jobling, 1951. Trans. R. Ent. Soc. London 102:

Palawan and Mindanao records, figs, 1A-E, 6G & H. Maa, 1971. Pacif. Insects Monogr. 28:222. Philippines. Male, Female.

DISTRIBUTION: Borneo, Burma. India, Java, Malaya, Philippines (Luzon, Cebu, Leyte, Negros, Samal, Mindanao, Balabac, Palawan, Polillo, new island record), Sumatra, Sumba, Thailand.

HOSTS: *Rousettus amplexicaudatus* and *Eonycteris spelaea*, new hosts record

Specimens examined: On *Rousettus amplexicaudatus*: Quezon-Sibulan, Polillo Island, 2 males and 4 females July –August, 1999 (H.P.Roy, Jr. and P.A.Alviola).

On *Eonycteris spelaea*: Quezon-Sibulan, Polillo Island, 1 female July, 1999 (H.P.Roy, Jr. and P.A.Alviola).