

**An updated and annotated checklist of the
wild silkmoths of the Philippines
(Lepidoptera: Saturniidae)**

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Abstract: An updated and annotated checklist of the Saturniidae (Lepidoptera) of the Philippines is presented. Thus far 48 taxa are recorded from the Philippines, most of them are considered endemic. The distribution in the Philippines is recorded. Type localities are underlined if taxa are considered ranging on more than one island. The high biodiversity of the Saturniidae appears to have historical origins (ice ages) and is also due to the climate and the insular structure of the Philippines and the recent geographical isolation of the Philippines.

Annotated Checklist

Tribe Attacini BLANCHARD, 1840

Genus *Attacus* LINNAEUS, 1767

- atlas* (LINNAEUS, 1758) (Batanes Archipelago)
- caesar* MAASSEN in Maassen & Weymer, [1872] (endemic to the southern Philippines, type locality Bohol or Mindanao not fixed)
- lorquinii lorquinii* C. & R. FELDER, 1861 (Cebu, Luzon, Marinduque, Masbate, Polillo Archipelago, and Sibuyan)
- lorquinii banghaasi* GSCHWANDNER, 1920 (endemic to Mindoro)
- lorquinii calayanensis* BRECHLIN & VAN SCHAYCK, 2016 (endemic to Calayan / Babuyan Archipelago)
- philippina* BOUVIER, 1930 (endemic to Negros and Panay)
- lemairei* PEIGLER, 1985 (endemic to Balabac and Palawan)

Genus *Samia* HÜBNER, 1819 [“1816”]

- luzonica* (WATSON, 1914 [“1913”]) (endemic to the Philippines except Palawan, type locality Luzon)
- treadawayi* NAUMANN, 1998 (endemic to Palawan)

Tribe Saturniini BOISDUVAL, 1837 [“1834”]

Genus *Actias* LEACH in Leach & Nodder, 1815

***selene*-group**

***selene*-subgroup**

brevijuxta brevijuxta NÄSSIG & TREADAWAY, 1997 (endemic to Luzon and Mindoro)

brevijuxta brevinaiensis BRECHLIN, 2012 (endemic to Mindanao)

***maenas*-group**

philippinica philippinica NÄSSIG & TREADAWAY, 1997 (endemic to the Philippines except Palawan, type locality Luzon)

philippinica bulbosa NÄSSIG & TREADAWAY, 1997 (endemic to Palawan)

Genus *Antheraea* HÜBNER, 1819 [“1816”]

Subgenus *Antheraea* HÜBNER, 1819 [“1816”]

***paphia/frithi*-group**

***frithi*-complex of the *paphia/frithi*-group**

semperi semperi C. & R. FELDER, 1861 (endemic Luzon)

semperi noeli NÄSSIG & TREADAWAY, 1998 (endemic to Mindoro)

semperi apoensis PAUKSTADT & PAUKSTADT, 2024 (endemic to Mindanao and Leyte, unconfirmed: Siargao and Panay)

semperi mandalaganensis PAUKSTADT & PAUKSTADT, 2024 (endemic to Negros and Samar, unconfirmed: Cebu and Bohol)

zwicki NÄSSIG & TREADAWAY, 1998 (endemic to Palawan and Borneo)

gulata NÄSSIG & TREADAWAY, 1998 (endemic to Balabac and Palawan)

schroederi PAUKSTADT, BROSC & PAUKSTADT, 1999 (endemic to Leyte, Luzon, Marinduque, Mindanao, Negros, Panay, and Samar)

***larissa*-complex of the *larissa*-subgroup**

larissa palawarissa BRECHLIN, 2014 (endemic to Palawan)

***mindoroensis*-complex of the *larissa*-subgroup**

mindoroensis BROSC & PAUKSTADT in Paukstadt & Brosch, 1996 (endemic to Mindoro)

philippirissa TREADAWAY & NÄSSIG, 1997 (endemic to Luzon)

mindanarissa BRECHLIN, 2014 (endemic to Mindanao)

negrorissa BRECHLIN, 2014 (endemic to Negros)

visayarissa BRECHLIN, 2014 (endemic to Leyte, Panay and Samar)

***cordifolia/minahassae*-subgroup of the *paphia/frithi*-group**
***cordifolia/rosieri*-complex**

rosieri imelda NÄSSIG & TREADAWAY, 1998 (endemic to Palawan)

***helpferi*-group**

***helpferi*-subgroup of the *helpferi*-group**

halconensis PAUKSTADT & BROSCHE, 1996 (Bohol, Leyte, Luzon,
Mindoro, Negros, Panay, and Samar)

mindanaoana BRECHLIN, 2022 (endemic to Mindanao)

***yamamai*-subgroup of the *helpferi*-group**

hagedorni NAUMANN & LOURENS, 2008 (endemic to Luzon)

Subgenus *Antheraeopsis* WOOD-MASON, 1886

***youngi*-group**

sahi NÄSSIG & TREADAWAY, 1998 (endemic to Palawan)

***paniki*-group**

paniki paniki NÄSSIG & TREADAWAY, 1998 (Luzon, the identity of the
populations from Homonhon, Leyte, Panay, and Samar needs
investigation)

paniki bacoensis PAUKSTADT & PAUKSTADT, 2013 (endemic to
Mindoro)

paniki canlaonensis PAUKSTADT & PAUKSTADT, 2013 (endemic to
Negros)

paniki dulangensis PAUKSTADT & PAUKSTADT, 2013 (endemic to
Mindanao)

Genus *Cricula* WALKER, 1855

***trifenestrata*-group**

trifenestrata treadawayi NÄSSIG, 1989 (Cebu, Linapacan, Mindanao,
Mindoro, Negros, and Palawan)

***elaezia*-group**

palawanica BRECHLIN, 2001 (endemic to Palawan)

mindanaensis NÄSSIG & TREADAWAY, 1997 (endemic to Mindanao)

***luzonica*-group**

***luzonica*-subgroup of the *luzonica*-group**

luzonica JORDAN, 1909 (endemic to Luzon)

kareli NÄSSIG & TREADAWAY, 1997 (endemic to Mindanao)

leyteana leyteana NÄSSIG & TREADAWAY, 1997 (endemic to Leyte)

leyteana bayani NÄSSIG & TREADAWAY, 2011 (endemic to Panay)

halconensis NÄSSIG & TREADAWAY, 2011 (endemic to Mindoro)

Genus *Loepa* MOORE, 1859

***katinka*-group**

***katinka*-subgroup of the *katinka*-group**

mindanaensis SCHÜSSLER, 1933 (endemic to Mindanao)

nigropupillata NÄSSIG & TREADAWAY, 1988 (endemic to Luzon and Sibuyan)

palawana NÄSSIG & TREADAWAY, 1997 (endemic to Palawan)

visayana BRECHLIN, 2000 (endemic to Leyte and Panay)

Genus *Lemaireia* NÄSSIG & HOLLOWAY in Holloway, 1987

***loepoides*-group**

schintlmeisteri NÄSSIG & LAMPE in Lampe & Nässig, 1989 (endemic to Mindanao)

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