

Dritte aktualisierte Checkliste der Saturniiden von Sumatra, Indonesien (Lepidoptera: Saturniidae)

Third updated checklist of the saturniid moths of Sumatra,
Indonesia (Lepidoptera: Saturniidae)

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Key Words: Lepidoptera, Saturniidae, wild silkmoth, Sumatra, Indonesia, taxonomy, checklist.

Statement: Collective-group names used in this contribution were established tentative for certain assemblages of taxonomic convenience only. They do not comply with the requirements for a valid description according to the provisions of the International Code of Zoological Nomenclature, 4th Edition (London) – ICZN (1999).

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Abstract: Comprehensive studies of the Saturniidae (Lepidoptera) from Sumatra were done by Nässig, Lampe & Kager (1996). The authors listed 25 taxa of the family Saturniidae for the island of Sumatra and the adjacent islands. In the meantime some new descriptions of Saturniidae from the provinces of Sumatra were published and nomenclatural acts proposed. New taxa and nomenclatural acts within the family Saturniidae from Sumatra and the adjacent islands were mainly confirmed by DNA barcoding (of BOLD). At the time being 36 taxa of Saturniidae are recognized for the provinces of Sumatra that means for the main island and the adjacent smaller islands. It is amazing that of the 36 Saturniidae taxa identified so far, at least 25 taxa are endemic to Sumatra and the adjacent islands. 5 taxa are member of the tribe Attacini and 31 taxa are member of the tribe Saturniini. We herewith provide with an updated checklist of the Saturniidae of Sumatra.

Ringkasan: Nässig, Lampe & Kager (1996) mencatat ada 25 taksa Saturniidae (Lepidoptera) dari Pulau Sumatera dan pulau-pulau di sekitarnya yang secara administratif masuk ke Pulau Sumatera. Taksa baru dan tindakan tata nama dalam Saturniidae dari Sumatera dan pulau-pulau yang berdekatan terutama dikonfirmasi oleh barcode DNA (BOLD). Saat ini 36 taksa Saturniidae diakui untuk pulau utama Sumatera dan pulau-pulau kecil yang berdekatan. Sangat luar biasa, dari 36 taksa Saturniidae yang teridentifikasi sejauh ini, setidaknya 25 taksa endemik di Sumatera dan pulau-pulau sekitarnya. Dengan ini kami memperbarui daftar periksa Saturniidae dari Sumatera. Perubahan taksonomi lebih lanjut dan deskripsi baru tentang taksa kemungkinan karena Zoogeografi dan perbandingan intensif dari struktur DNA Saturniidae di Asia Tenggara.

Zusammenfassung: Umfassende Studien der wilden Seidenspinner (Lepidoptera: Saturniidae) aus Sumatra wurden von Nässig, Lampe & Kager (1996) durchgeführt. Die Autoren nannten nur 25 Taxa der Familie Saturniidae für die Insel Sumatra und die angrenzenden Inseln. In der Zwischenzeit wurden einige neue Beschreibungen der Familie Saturniidae aus den Provinzen Sumatras veröffentlicht und nomenklatorische Änderungen vorgeschlagen. Diese wurden hauptsächlich durch DNA-Barcoding (von BOLD) bestätigt. Derzeit sind 36 Taxa der Familie Saturniidae für die Provinzen Sumatra, also für die Hauptinsel und die angrenzenden kleineren Inseln, anerkannt. Es ist erstaunlich, dass von den bisher 36 identifizierten Saturniidae-Taxa mindestens 25 auf Sumatra und den angrenzenden Inseln endemisch sind. 5 Taxa sind Mitglieder des Tribus Attacini und 31 Taxa sind Mitglieder der Tribus Saturniini. Hiermit stellen wir eine aktualisierte Checkliste der Familie Saturniidae von Sumatra zur Verfügung.

Checklist of the Saturniidae (Lepidoptera) of the island of Sumatra and the adjacent smaller islands (provinces of Sumatra only), Indonesia

Tribe Attacini BLANCHARD, 1840

Genus *Attacus* LINNAEUS, 1767

atlas-group

atlas (LINNAEUS, 1758) (status needs investigation, distinct subspecies?)

atlas simalurana WATSON, 1915 (endemic to Simeuluë I.)

tapperorum PAUKSTADT & PAUKSTADT, 2024 (endemic to Sumatra)

Genus *Archaeoattacus* WATSON in Packard, 1914

staudingeri (W. ROTHSCHILD, 1895)

Genus *Samia* HÜBNER, 1819 [“1816”]

insularis (SNELLEN VAN VOLLENHOVEN, 1862) (endemic to Sumatra)

Tribe Saturniini BOISDUVAL, 1837 [“1834”]

Genus *Actias* LEACH in Leach & Nodder, 1815

maenas-group

maenas saja VAN EECHE, 1913

selene-group

seitzi-subgroup

seitzi vandenberghi ROEPKE, 1956 (endemic to Sumatra)

Genus *Cricula* WALKER, 1855

trifenestrata-group

trifenestrata barisanensis PAUKSTADT & PAUKSTADT, 2010 (endemic to Sumatra)

elaezia-group

sumatrensis JORDAN, 1939 (endemic to Sumatra)

separata NAUMANN & LÖFFLER, 2010 (endemic to southern Sumatra)

elaeziosumatrana BRECHLIN, 2010 (endemic to northern Sumatra)

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

Subgenus *Antheraeopsis* WOOD-MASON, 1886

youngi-group

youngi WATSON, 1915

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

- billitonensis* MOORE *in* Druce, 1878 (endemic to Billiton I.)
platessa ROTHSCILD, 1903
gschwandneri NIEPELT *in* Strand, 1918 (distribution range unknown)
sumatrana NIEPELT, 1926 (endemic to Sumatra)
prelarissa BOUVIER, 1928 (endemic to Sumatra)
mentawai NÄSSIG, LAMPE & KAGER *in* Nässig, 2002 (endemic to Pagai Utara I.
in the Mentawai Arch.)
jakli NAUMANN, 2008 (endemic to Siberut I., Mentawai Arch.)
kalangensis BRECHLIN & MEISTER, 2009 (endemic to Sumatra)
acehensis PAUKSTADT & PAUKSTADT, 2010 (endemic to Sumatra)
siberutensis BRECHLIN, 2022 (endemic to Siberut I., Mentawai Arch.)
rosieri rosieri (TOXOPEUS, 1940)
larissa ridlyi MOORE, 1892
korintjiana BOUVIER, 1928 (endemic to Sumatra)
lampei NÄSSIG & HOLLOWAY, 1989
pratti BOUVIER, 1928 (endemic to Sumatra)
cadioui NAUMANN, 2010 (endemic to the Mentawai Archipelago)
malakkana BRECHLIN, 2022
niasiana BRECHLIN, 2022 (endemic to Nias I.)

Genus *Loepa* MOORE, 1859

- katinka*-subgroup of the *katinka*-group
megacore JORDAN, 1911 (endemic to Sumatra)
sumatrana NÄSSIG, LAMPE & KAGER, 1989 (endemic to Sumatra)
sikkima-subgroup of the *katinka*-group
javanica MELL, 1939 (endemic to Sumatra)
diehli BRECHLIN, 2010 (endemic to Sumatra)

Genus *Lemaireia* NÄSSIG & HOLLOWAY *in* Holloway, 1987

- loepoides*-group
loepoides (BUTLER, 1880)
chrysopeplus-group
jaegeri PAUKSTADT & PAUKSTADT, 2010 (endemic to Sumatra)

Remarks: *Antheraea* (*A.*) *brunei* ALLEN & HOLLOWAY, 1986 [“1985”] was recorded from Belitung and Tapanuli, Sumatra but not confirmed thus far.

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