

Eine aktualisierte Checkliste der Saturniiden von Neuguinea (Lepidoptera: Saturniidae)

An updated checklist of the saturniid moths of New Guinea
(Lepidoptera: Saturniidae)

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Key Words: Lepidoptera, Saturniidae, wild silkmoth, New Guinea, taxonomy, distribution.

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).

Systematics: Insecta-; Lepidoptera-; Glossata-; Heteroneura-;

Bombycoidea-;

Saturniidae-; Saturniidae Boisduval, 1837 [“1834”]

Saturniidae-; Saturniinae Boisduval, 1837 [“1834”]

Saturniinae-; Attacini Blanchard, 1840

Attacini-; *Attacus* Linnaeus, 1767

Attacus-; *Phalaena atlas* Linnaeus, 1758; STATUS-; type-species of
Attacus Linnaeus, 1767 by subsequent designation by the ICZN (Opinion
450)

Attacus-; *atlas* (Linnaeus, 1758) (*Phalaena*)

Attacus-; *atlantis* Watson, 1910 (*Attacus*); STATUS-, junior subjective
synonym of *atlas* (Linnaeus, 1758)

Attacus-; *aurantiacus* W. Rothschild, 1895 (*Attacus*)

Attacus-; *atlantis* Strand, 1913 (*Attacus*); STATUS-, junior primary
homonym of *atlantis* Watson, 1910

Attacini-; *Samia* Hübner, 1819 [“1816”]

Attacini-; *Phalaena Attacus Cynthia* Drury, 1773; STATUS; type-species
of the genus *Samia* Hübner, 1819 (“1816”)

Attacini-; *Philosamia* Grote, 1874; STATUS-; junior objective synonym of
Samia Hübner, 1819 (“1816”)

Attacini-; *ricini* (Jones in Anderson, 1791) (*Phalaena*)

Attacini-; *Coscinocera* Butler, 1879

Coscinocera-; *Attacus hercules* Miskin, 1876; STATUS-; type-species of
Coscinocera Butler, 1879 by original designation

Coscinocera-; ***hercules*-group** (sensu U. Paukstadt, L.H. Paukstadt & van
Schayck 2022); STATUS-; tentative collective group-name

Coscinocera-; *hercules* (Miskin, 1876) (*Attacus*)

Coscinocera-; *joiceyi* Bouvier, 1927 (*Coscinocera*); STATUS-; at the time
being recognized as junior subjective synonym of *hercules* (Miskin, 1876)

Coscinocera-; ‡*aruensis* Brechlin, 2010 (*Coscinocera*); STATUS-;
considered being not validly published

Coscinocera-; *aruensis* Naumann & Löffler, 2010 (*Coscinocera*)

Coscinocera-; *aruensis* Brechlin, 2010 (*Coscinocera*); STATUS-; junior
primary homonym of *aruensis* Naumann & Löffler, 2010 (*Coscinocera*)

Coscinocera-; *arafuraensis* U. Paukstadt & L.H. Paukstadt, 2022
(*Coscinocera*)

Coscinocera;-; **omphale-group** (sensu U. Paukstadt, L.H. Paukstadt & van Schayck 2022); STATUS-; tentative collective group-name

Coscinocera;-; *omphale* Butler, 1879 (*Coscinocera*)

Coscinocera;-; ‡*titanus* Niepelt, 1916 (*Coscinocera*); STATUS-; infrasubspecific

Coscinocera;-; *niepelti* Brechlin, 2004 (*Coscinocera*)

Coscinocera;-; **rothschildi-group** (sensu U. Paukstadt, L.H. Paukstadt & van Schayck 2022); STATUS-; tentative collective group-name

Coscinocera;-; *rothschildi* Le Moult, 1933 (*Coscinocera*)

Coscinocera;-; *jakli* Naumann, 2009 (*Coscinocera*)

Coscinocera;-; **eurystheus-group** (sensu U. Paukstadt, L.H. Paukstadt & van Schayck 2022); STATUS-; tentative collective group-name

Coscinocera;-; **eurystheus-subgroup** (sensu U. Paukstadt, L.H. Paukstadt & van Schayck 2022)

Coscinocera;-; *eurystheus* Rothschild, 1898 (*Coscinocera*)

Coscinocera;-; *misoolensis* Naumann, Nässig & Löffler, 2018 [“2017”] (*Coscinocera*)

Coscinocera;-; *batantaensis* U. Paukstadt & L.H. Paukstadt, 2022 (*Coscinocera*)

Coscinocera;-; ‡*brachyura* Biedermann, 1932 (*Coscinocera*); STATUS-; infrasubspecific (quadrinomial); the provisional membership in this group based on the collecting site

Coscinocera;-; ‡*brachyura* Bouvier, 1936 (*Coscinocera*); STATUS-; infrasubspecific (quadrinomial); the provisional membership in this group based on the collecting site

Coscinocera;-; **karkarensis-subgroup** (sensu U. Paukstadt, L.H. Paukstadt & van Schayck 2022); STATUS-; tentative collective group-name

Coscinocera;-; *karkarensis* U. Paukstadt & L.H. Paukstadt, 2022 (*Coscinocera*)

Coscinocera;-; *cendrawasihensis* U. Paukstadt & L.H. Paukstadt, 2022 (*Coscinocera*)

Coscinocera;-; **buloloensis-subgroup** (sensu U. Paukstadt & L.H. Paukstadt 2022); STATUS-; tentative collective group-name

Coscinocera;-; *buloloensis* U. Paukstadt & L.H. Paukstadt, 2022 (*Coscinocera*)

Coscinocera;-; *eitschbergeri* U. Paukstadt & L.H. Paukstadt, 2022 (*Coscinocera*)

Coscinocera;-; ‡*butleri* Rothschild, 1895 (*Coscinocera*); STATUS-; infrasubspecific; provisional membership in this group based on collecting site; status of the name needs further investigation

Coscinocera;-; **anteus-group** (sensu U. Paukstadt, L.H. Paukstadt & van Schayck 2022); STATUS-; tentative collective group-name
Coscinocera;-; *heraclides* Joicey & Talbot, 1916 (*Coscinocera*)
Coscinocera;-; *anteus* Bouvier, 1927 (*Coscinocera*)
Coscinocera;-; *amputata* Niepelt, 1936 (*Coscinocera*); STATUS-; at the time being considered a junior subjective synonym of *anteus* Bouvier, 1927 (*Coscinocera*)
Coscinocera;-; *jayawijayaensis* U. Paukstadt & L.H. Paukstadt, 2022 (*Coscinocera*)
Coscinocera;-; *sudirmanensis* U. Paukstadt & van Schayck, 2022 (*Coscinocera*)
Coscinocera;-; **incerta sedis-group** (sensu U. Paukstadt & L.H. Paukstadt 2023); STATUS-; tentative collective group-name
Coscinocera;-; *heros* Rothschild, 1899 (*Coscinocera*)
Coscinocera;-; *waigeoensis* Brechlin, 2023 (*Coscinocera*); STATUS-; probably a taxon of the *eurystheus*-subgroup of the *eurystheus*-group but cannot be assigned to any group with certainty due to lack of comparisons of male genitalia structures and DNA analyses in the original description
Coscinocera;-; *jayapurana* Brechlin, 2023 (*Coscinocera*); STATUS-; probably a taxon of the *karkarensis*-subgroup of the *eurystheus*-group but cannot be assigned to any group with certainty due to lack of comparisons of male genitalia structures and DNA analyses in the original description
Coscinocera;-; *wamenana* Brechlin, 2023 (*Coscinocera*); STATUS-; probably a taxon of the *buloloensis*-subgroup of the *eurystheus*-group but cannot be assigned to any group with certainty due to lack of comparisons of male genitalia structures and DNA analyses in the original description

Saturniinae; Saturniini Boisduval, 1837 [“1834”]

Saturniini-; *Neodiphthera* Fletcher in Fletcher & Nye, 1982

Neodiphthera;-; *Opodiphthera papuana* Rothschild, 1904; STATUS-; type-species of *Neodiphthera* Fletcher in Fletcher & Nye, 1982 by original designation
Neodiphthera;-; **papuana-group** (sensu Paukstadt & Paukstadt 2012); STATUS-; tentative collective group-name
Neodiphthera;-; *papuana* (Rothschild, 1904) (*Opodiphthera*)
Neodiphthera;-; *nigroculata* (Schüssler in Strand, 1933) (*Opodiphthera*); STATUS-; junior subjective synonym of *papuana* (Rothschild, 1904)
Neodiphthera;-; *albicera* (Rothschild & Jordan, 1907) (*Opodiphthera*)
Neodiphthera;-; *strigata* (Bethune-Baker, 1908) (*Opodiphthera* [sic])
Neodiphthera;-; *goodgeri* (D’Abrera, 1998) (*Opodiphthera*)

Neodiphthera;- *sahulensis* Paukstadt, Paukstadt & Suhardjono, 2003
 (*Opodiphthera* (*Neodiphthera*))
Neodiphthera;- *magodensis* Brechlin, 2011 (*Neodiphthera*)
Neodiphthera;- *mapiana* Brechlin, 2011 (*Neodiphthera*)
Neodiphthera;- *pelepagana* Brechlin, 2011 (*Neodiphthera*)
Neodiphthera;- *nabiriana* Brechlin, 2011 (*Neodiphthera*)
Neodiphthera;- *arfakiana* Brechlin, 2011 (*Neodiphthera*)
Neodiphthera;- *campestris* Lane & Naumann, 2013 (*Neodiphthera*)
Neodiphthera;- *sophiae* Lane & Naumann, 2013 (*Neodiphthera*)
Neodiphthera;- *dehaesae* Brechlin & van Schayck, 2019 (*Neodiphthera*)
Neodiphthera;- *albimorobana* Brechlin in Brechlin & van Schayck, 2019
 (*Neodiphthera*)
Neodiphthera;- *morobana* Brechlin in Brechlin & van Schayck, 2019
 (*Neodiphthera*)
Neodiphthera;- *silkae* Brechlin & van Schayck, 2019 (*Neodiphthera*)
Neodiphthera;- *beogana* Brechlin in Brechlin & van Schayck, 2019
 (*Neodiphthera*)
Neodiphthera;- *kubangana* Brechlin in Brechlin & van Schayck, 2019
 (*Neodiphthera*)
Neodiphthera;- *wamenana* Brechlin in Brechlin & van Schayck, 2019
 (*Neodiphthera*)
Neodiphthera;- **venusta-group** (sensu Paukstadt & Paukstadt 2012);
 STATUS-; tentative collective group-name
Neodiphthera;- *venusta* (Rothschild & Jordan, 1907) (*Opodiphthera*)
Neodiphthera;- *habemana* Brechlin, 2005 (*Neodiphthera*)
Neodiphthera;- *schaarschmidtii* Brechlin, 2005 (*Neodiphthera*)
Neodiphthera;- *paukstadtorum* Brechlin, 2011 (*Neodiphthera*)
Neodiphthera;- *winbrechlini* Brechlin in Brechlin & van Schayck, 2019
 (*Neodiphthera*)
Neodiphthera;- *vanschaycki* Brechlin in Brechlin & van Schayck, 2019
 (*Neodiphthera*)
Neodiphthera;- *siriae* Brechlin & van Schayck, 2019 (*Neodiphthera*)
Neodiphthera;- **sciron-group** (sensu Paukstadt & Paukstadt 2012);
 STATUS-; tentative collective group-name
Neodiphthera;- *sciron* (Westwood, 1881) (*Saturnia*)
Neodiphthera;- *alephostris* (Swinhoe, 1892) (*Antheraea*); STATUS-; junior
 objective synonym of *sciron* (Westwood, 1881)
Neodiphthera;- *inversa* (Rothschild in Rothschild & Jordan, 1896)
 (*Opodiphthera* [sic])

Neodiphthera-; *strandi* (Niepelt, 1934) (*Antheraea*); STATUS-; junior subjective synonym of *inversa* (Rothschild in Rothschild & Jordan, 1896)

Neodiphthera-; *foucheri* (Bouvier, 1926) (*Opodiphtera* [sic])

Neodiphthera-; *grisea* (Bouvier, 1926) (*Opodiphtera* [sic]); STATUS-; junior subjective synonym of *foucheri* (Bouvier, 1926), considered to be the appropriate ♀ of *foucheri* Bouvier, 1926

Neodiphthera-; *joiceyi* (Bouvier, 1928) (*Opodiphtera*)

Neodiphthera-; *talboti* (Bouvier, 1928) (*Opodiphtera*)

Neodiphthera-; *intermedia* (Bouvier, 1928) (*Opodiphtera*)

Neodiphthera-; *ceramensis* (Bouvier, 1928) (*Opodiphtera*)

Syntherata-; *decellei* (Lemaire & Nässig in Nässig & Lemaire, 2002) (*Opodiphtera*)

Syntherata-; *tennenti* (Nässig & Lemaire in Nässig & Lemaire, 2002) (*Opodiphtera*)

Neodiphthera-; *buruensis* Brechlin, 2005 (*Neodiphthera*); STATUS-; junior subjective synonym of *ceramensis* (Bouvier, 1928)

Neodiphthera-; *monacha* (Niepelt, 1934) (*Antheraea*)

Neodiphthera-; *elleri* (Eckerlein, 1935) (*Opodiphtera*)

Neodiphthera-; *aruensis* Paukstadt, Paukstadt & Suhardjono, 2003 (*Opodiphtera* (*Neodiphthera*))

Saturniini-; *Opodiphtera* Wallengren, 1858

Opodiphtera-; *Opodiphtera varicolor* Wallengren, 1858; STATUS-; type-species of *Opodiphtera* Wallengren, 1858 by monotypy; *varicolor* Wallengren, 1858 is considered to be a junior subjective synonym of *Antheraea astrophela* Walker, 1855

Opodiphtera-; *jurriaansei* van Eecke, 1933 (*Opodiphtera*)

Opodiphtera-; *tenimberensis* Niepelt, 1934; STATUS-; junior subjective synonym of *jurriaansei* van Eecke, 1933 (*Opodiphtera*)

Saturniini-; *Pararhodia* Cockerell in Packard, 1914

Pararhodia-; *Eurhodia gyra* Rothschild & Jordan, 1905; STATUS-; type-species of *Pararhodia* Cockerell in Packard, 1914; *Eurhodia* Rothschild & Jordan, 1905; STATUS-; nom. praeocc., junior homonym of *Eurhodia* Haime in D'Archiac & Haime, 1853 (Animalia: Echinodermata: Echinoidea: Cassiduloida: Pliolampadidae); *Pararhodia* Cockerell in Packard, 1914; STATUS-; objective replacement name for *Eurhodia* Rothschild & Jordan, 1905

Pararhodia-; *gyra* (Rothschild & Jordan, 1905) (*Eurhodia*); distribution: New Guinea

Pararhodia-; *acuminalba* (van Eecke, 1924) (*Eurhodia*)
Pararhodia-; *meeki* (Jordan, 1909 [“1908”]) (*Eurhodia*)
Pararhodia-; *daviesorum* Lemaire, 1979 (*Pararhodia*)
Pararhodia-; *rotalis* Paukstadt, Paukstadt & Suhardjono, 1992
 (*Pararhodia*)
Pararhodia-; *setekwa* d’Abrera, 1998 (*Pararhodia*)
Pararhodia-; *hiltrautae* Naumann, 2013 (*Pararhodia*)
Pararhodia-; *ulrichi* Naumann, 2013 (*Pararhodia*)

Saturniini-; *Syntherata* Maassen, [1873]

Syntherata-; *Syntherata weymeri* Maassen, [1873]; STATUS-; type-species of *Syntherata* Maassen, [1873] by monotypy; *weymeri* Maassen, [1873] is considered to be a junior subjective synonym of *janetta* (White, 1843) (*Saturnia*)
Syntherata-; *pristina* (Walker, 1865) (*Antheraea*)
Syntherata-; *godefroyii* Butler, 1882 (*Syntherata*)
Syntherata-; *dahli* Weymer, 1898 (*Syntherata*); STATUS-; junior subjective synonym of *godefroyii* Butler, 1882 (*Syntherata*)
Syntherata-; *apicalis* Bouvier, 1928 (*Syntherata*)
Syntherata-; *brunnea* Eckerlein, 1935 (*Synthera* [sic])
Syntherata-; *naessigi* Peigler, 1992 (*Syntherata*)
Syntherata-; *innescens* Naumann & Brechlin, 2001 (*Syntherata*)
Syntherata-; *sinjaevi* Naumann & Brechlin, 2001 (*Syntherata*)
Syntherata-; *doboensis* Paukstadt & Paukstadt, 2004 (*Opodiphthera* (*Syntherata*))
Syntherata-; *malukuensis* Paukstadt & Paukstadt, 2005 (*Opodiphthera* (*Syntherata*))
Syntherata-; *anettae* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata-; *bettinae* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata-; *arfakiana* Brechlin, 2010 (*Syntherata*); STATUS-; junior subjective synonym of *bettinae* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata-; *bretschneideri* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata-; *devosi* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata-; *erici* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata-; *cernyi* Brechlin, 2010 (*Syntherata*); STATUS-; junior subjective synonym of *erici* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata-; *gracilis* Naumann, Lane & Löffler, 2009 (*Syntherata*)

Syntherata;- *minoris* Brechlin, 2010 (*Syntherata*); STATUS-; junior subjective synonym of *gracilis* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata;- *groenendaeli* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata;- *haiaensis* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata;- *labriquei* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata;- *rudloffii* Brechlin, 2010 (*Syntherata*); STATUS-; junior subjective synonym of *labriquei* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata;- *liliana*e Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata;- *marlenae* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata;- *hoffmanni* Naumann, Lane & Löffler, 2009 (*Syntherata*); STATUS-; junior subjective synonym of *marlenae* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata;- *parvoantennata* Brechlin, 2010 (*Syntherata*); STATUS-; junior subjective synonym of *marlenae* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata;- *engaiana* Brechlin, 2010 (*Syntherata*); STATUS-; junior subjective synonym of *marlenae* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata;- *pierrei* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata;- *papuensis* Brechlin, 2010 (*Syntherata*); STATUS-; junior subjective synonym of *pierrei* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata;- *okapiana* Brechlin, 2010 (*Syntherata*); STATUS-; junior subjective synonym of *pierrei* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata;- *vincenti* Naumann, Lane & Löffler, 2009 (*Syntherata*)
Syntherata;- *lagariana* Brechlin, 2010 (*Syntherata*)
Syntherata;- *degroofi* Paukstadt, Paukstadt & Večerik, 2017 (*Syntherata*)
Syntherata;- *buruana* Naumann & Lane, 2020 (*Syntherata*)
Syntherata;- *parili* Naumann & Lane, 2020 (*Syntherata*)

Remarks: Australian taxa are excluded in the above “Systematics“. Intraspecific names and synonyms are only listed if knowledge of them was considered particularly important.

Eine aktualisierte Checkliste der Saturniiden von Neuguinea (Lepidoptera: Saturniidae)

An updated checklist of the saturniid moths of New Guinea (Lepidoptera: Saturniidae)

Abstract: This paper deals with the Saturniidae (Lepidoptera) of the world's second largest island New Guinea and its adjacent smaller islands belonging to Melanesia, a subregion of Oceania. The western part of New Guinea belongs to Indonesia and the eastern part to Papua New Guinea. The Moluccan islands of the Aru Archipelago, Halmahera, Obi, and Bacan as well as the small islands of the Arafura Sea are excluded. Comprehensive studies on the Saturniidae (Lepidoptera) from New Guinea and adjacent islands were recently done by Paukstadt & Paukstadt (2006a-b, 2012a-o, 2013, 2020a-c, 2022), Brechlin (2004, 2023), Naumann (2009), Naumann & Löffler (2010), Naumann, Nässig & Löffler (2017), Paukstadt, Paukstadt & Večerik (2017), Naumann & Lane (2020a, b), and Paukstadt, Paukstadt & van Schayck (2022). At present 79 taxa of the genera *Coscinocera* BUTLER, 1879, and *Neodiphthera* FLETCHER, 1982, *Pararhodia* COCKERELL, 1914, and *Syntherata* MAASSEN, 1873 are known in species or subspecies rank for New Guinea and the Solomon Islands. Other names are based on older unconfirmed specimens in collections and/or introduced taxa. We herewith provide with an updated checklist of the Saturniidae of New Guinea and adjacent islands.

Zusammenfassung: Dieser Artikel befasst sich mit den Saturniidae (Lepidoptera) der zweitgrößten Insel der Erde, Neuguinea, und den angrenzenden kleineren Inseln, die zu Melanesien, einer Subregion Ozeaniens gehören. Der westliche Teil von Neuguinea gehört zu Indonesien und der östliche Teil zu Papua-Neuguinea. Ausgenommen sind hier die Molukkeninseln des Aru-Archipels, Halmahera, Obi und Bacan sowie die kleineren Inseln der Arafurasee. Umfassende Studien zu den Saturniiden aus Neuguinea und den angrenzenden Inseln wurden kürzlich von Paukstadt & Paukstadt (2006a-b, 2012a-o, 2013, 2020a-c, 2022), Brechlin (2004, 2023), Naumann (2009) durchgeführt, Naumann & Löffler (2010), Naumann, Nässig & Löffler (2017), Paukstadt, Paukstadt & Večerik (2017), Naumann & Lane (2020a, b) und Paukstadt, Paukstadt & van Schayck (2022). Derzeit sind 79 Taxa der Gattungen *Coscinocera* BUTLER, 1879, *Neodiphthera* FLETCHER, 1982, *Pararhodia* COCKERELL, 1914 und *Syntherata* MAASSEN, 1873 im Art- oder Unterartrang für Neuguinea und die Solomon-Inseln bekannt. Weitere Namen beruhen auf älterem noch unbestätigtem Sammlungsmaterial und/oder eingeführte Taxa. Hiermit stellen wir eine aktualisierte Checkliste der Saturniiden von Neuguinea und angrenzenden Inseln zur Verfügung.

Checklist of the Saturniidae (Lepidoptera) of New Guinea

Tribe Attacini BLANCHARD, 1840

Genus *Coscinocera* BUTLER, 1879

omphale-group

omphale BUTLER, 1879 (Papua New Guinea, New Ireland)

niepelti BRECHLIN, 2004 (Papua New Guinea, New Britain)

eurystheus-group

eurystheus-subgroup

eurystheus ROTHSCILD, 1898 (West New Guinea, West Papua Province and Southwest Papua Province)

misoolensis NAUMANN, NÄSSIG & LÖFFLER, 2018 (West New Guinea, Southwest Papua Province, Misool I.)

batantaensis PAUKSTADT & PAUKSTADT, 2022 (West New Guinea, Southwest Papua Prov., Batanta I.)

anteus-group

heraclides JOICEY & TALBOT, 1916 (West New Guinea, West Papua Province)

jayawijayaensis PAUKSTADT & PAUKSTADT, 2022 (West New Guinea, Papua Highland Province)

sudirmanensis PAUKSTADT & VAN SCHAYCK, 2022 (West New Guinea, Central Papua Province)

hercules-group

arafuraensis PAUKSTADT & PAUKSTADT, 2022 (West New Guinea, South Papua Province)

karkarensis-subgroup

cendrawasihensis PAUKSTADT & PAUKSTADT, 2022 (West New Guinea, Papua Highland Province)

buloloensis-subgroup

eitschbergeri PAUKSTADT & PAUKSTADT, 2022 (West New Guinea, Papua Highland Province)

incerta sedis-group

heros ROTHSCILD, 1899 (Papua New Guinea, Milne Bay Province, Louisiade Archipelago, Rossel I.)

waigeoensis BRECHLIN, 2023 (West New Guinea, Southwest Papua Province, Waigeo I.)

jayapurana BRECHLIN, 2023 (West New Guinea, Papua Province)

wamenana BRECHLIN, 2023 (West New Guinea, Papua Highland Province)

Tribe Saturniini BOISDUVAL, 1837 [“1834”]

Genus *Neodiphthera* FLETCHER in Fletcher & Nye, 1982

***papuana*-group**

- papuana* (ROTHSCHILD, 1904) (Papua New Guinea)
albicera (ROTHSCHILD & JORDAN, 1907) (Papua New Guinea)
strigata (BETHUNE-BAKER, 1908) (Papua New Guinea)
goodgeri (D’ABRERA, 1998) (West New Guinea, Papua Highland Province)
magodensis BRECHLIN, 2011 (West New Guinea, Central Papua Province and Papua Highland Province)
mapiana BRECHLIN, 2011 (West New Guinea, Central Papua Province)
pelepagana BRECHLIN, 2011 (West New Guinea, Papua Highland Province)
nabiriana BRECHLIN, 2011 (West New Guinea, Central Papua Province)
arfakiana BRECHLIN, 2011 (West New Guinea, West Papua Province)
campestris LANE & NAUMANN, 2013 (West New Guinea, Central Papua Province)
dehaesae BRECHLIN & VAN SCHAYCK, 2019 (West New Guinea, Central Papua Province)
albimorobana BRECHLIN in Brechlin & van Schayck, 2019 (Papua New Guinea)
morobana BRECHLIN in Brechlin & van Schayck, 2019 (Papua New Guinea)
silkae BRECHLIN & VAN SCHAYCK, 2019 (West New Guinea, West Papua Province)
beogana BRECHLIN in Brechlin & van Schayck, 2019 (West New Guinea, Central Papua Province)
kubangana BRECHLIN in Brechlin & van Schayck, 2019 (Papua New Guinea)
wamenana BRECHLIN in Brechlin & van Schayck, 2019 (West New Guinea, Papua Highland Province)

***venusta*-group**

- venusta* (ROTHSCHILD & JORDAN, 1907) (New Guinea)
habemana BRECHLIN, 2005 (West New Guinea, Papua Highland Province)
schaarschmidtii BRECHLIN, 2005 (Papua New Guinea)
paukstadtorum BRECHLIN, 2011 (West New Guinea, Central Papua Province)
winbrechlini BRECHLIN in Brechlin & van Schayck, 2019 (Papua New Guinea)

vanschaycki BRECHLIN in Brechlin & van Schayck, 2019 (West New Guinea, Central Papua Province)

siriae BRECHLIN & VAN SCHAYCK, 2019 (West New Guinea, Central Papua Province)

sciron-group

sciron (WESTWOOD, 1881) (West New Guinea, Southwest Papua Province, Waigeo I.)

inversa (ROTHSCHILD in Rothschild & Jordan, 1896) (Papua New Guinea, Mailu)

foucheri (BOUVIER, 1926) (Papua New Guinea, Yule I.)

joiceyi (BOUVIER, 1928) (West New Guinea, Central Papua Province)

talboti (BOUVIER, 1928) (West New Guinea, Central Papua Province)

intermedia (BOUVIER, 1928) (West New Guinea, Central Papua Province)

monacha (NIEPELT, 1934) (Papua New Guinea)

elleri (ECKERLEIN, 1935) (Papua New Guinea)

decellei (LEMAIRE & NÄSSIG in Nässig & Lemaire, 2002) (Papua New Guinea, Bougainville I.)

tennenti (NÄSSIG & LEMAIRES in Nässig & Lemaire, 2002) (Solomon Archipelago)

Genus *Opodiphthera* WALLENGREN, 1858

Genus absent in New Guinea

Genus *Pararhodia* COCKERELL in Packard, 1914

gyra (ROTHSCHILD & JORDAN, 1905) (Papua New Guinea)

acuminalba (VAN ECKE, 1924) (West New Guinea, Papua Province / Papua Highland Province)

meeki (JORDAN, 1909 [“1908”]) (Papua New Guinea)

daviesorum LEMAIRES, 1979 (Papua New Guinea)

rotalis PAUKSTADT, PAUKSTADT & SUHARDJONO, 1992 (West New Guinea, Papua Highland Province and Central Papua Province)

setekwa D’ABRERA, 1998 (West New Guinea, Central Papua Province)

hiltrautae NAUMANN, 2013 (West New Guinea, West Papua Province)

ulrichi NAUMANN, 2013 (Papua New Guinea)

Genus *Syntherata* MAASSEN, 1873

pristina (WALKER, 1865) (New Guinea [West Papua Province?])

godefroyii BUTLER, 1882 (Papua New Guinea, New Britain)

apicalis BOUVIER, 1928 (West New Guinea, West Papua Province)

brunnea ECKERLEIN, 1935 (Papua New Guinea)

naessigi PEIGLER, 1992 (Papua New Guinea, Trobriand Archipelago)
anettae NAUMANN, LANE & LÖFFLER, 2009 (West New Guinea, Highland Papua Province)
bettinae NAUMANN, LANE & LÖFFLER, 2009 (West New Guinea, West Papua Province)
bretschneideri NAUMANN, LANE & LÖFFLER, 2009 (West New Guinea, Central Papua Province)
devosi NAUMANN, LANE & LÖFFLER, 2009 (West New Guinea, Highland Papua Province)
erici NAUMANN, LANE & LÖFFLER, 2009 (West New Guinea, Central Papua Province)
gracilis NAUMANN, LANE & LÖFFLER, 2009 (Papua New Guinea)
groenendaeli NAUMANN, LANE & LÖFFLER, 2009 (West New Guinea, Highland Papua Province)
haiaensis NAUMANN, LANE & LÖFFLER, 2009 (Papua New Guinea)
labriquei NAUMANN, LANE & LÖFFLER, 2009 (Papua New Guinea)
liliana NAUMANN, LANE & LÖFFLER, 2009 (West New Guinea, Central Papua Province)
marlenae NAUMANN, LANE & LÖFFLER, 2009 (West New Guinea, Central Papua Province)
pierrei NAUMANN, LANE & LÖFFLER, 2009 (Papua New Guinea)
vincenti NAUMANN, LANE & LÖFFLER, 2009 (Papua New Guinea, Milne Bay Province, Normanby I.)
lagariana BRECHLIN, 2010 (West New Guinea, Central Papua Province)
michaschaarschmidt BRECHLIN, 2010 (Papua New Guinea, New Ireland Province, New Hanover I.)
degroofi PAUKSTADT, PAUKSTADT & VEČERIK, 2017 (West New Guinea, West Papua Province, Misool I.)
parili NAUMANN & LANE, 2020 (West New Guinea, West Papua Province, Misool I.)

Remarks: Since the actual distribution limits are still unknown for many species, the type localities are usually given in above list.

Further taxa were recorded in literature from New Guinea, but are not listed in above checklist for certain locations because reports can be based on introduced specimens and/or confirmation with fresh material is pending. Those are (below list might be incomplete):

1. Peigler (1989) reported scattered records of *Attacus atlas* (LINNEAUS, 1758) from West Papua, New Guinea (Indonesia) and the Aru Archipelago based on literature studied, see also Paukstadt & Paukstadt (2006).

2. Peigler (1989) reported *Attacus aurantiacus* W. ROTHSCILD, 1895 from Yule Island, Papua New Guinea and West Papua, New Guinea (Indonesia) based on specimens preserved in collections.
3. Henk van Mastrigt (08Jun2011, pers. com.) reported *Samia ricini* (JONES in Anderson, 1791) (*Phalaena*) from the Jayapura region which was most likely based on introduced specimens (sericulture?).
4. Many authors recorded *Coscinocera hercules* (MISKIN, 1876) from New Guinea based on misidentifications. *C. hercules* is considered an Australian species.

Acknowledgement: We are grateful to Dr. Stefan Naumann (Berlin, Germany) for providing literature.

Literatur

- D'Abrera, B. (1998): Saturniidae mundi. Saturniid moths of the world. Part III. – Keltern (Automeris, Goecke & Evers), ix + 1 + 171 pp., 88 col.-pls.
- D'Archiac, V. & Haime, J. (1853): Description des animaux fossiles du groupe numulitique de l'Inde. Livraison I. 1853-54. – Annals and magazine of natural history.
- Bethune-Baker, G. T. (1908): New Heterocera from British New Guinea. – Novitates Zoologicae. A Journal of Zoology in Connection with the Tring Museum (Tring), XV (1), 1908: pp. 175-243.
- Biedermann, R. (1932): Sur quelques formes nouvelles ou peu connues de Lépidoptères (Nymphalidae, Saturnidae [sic]). – Bulletin de la Société Entomologique de France, Tome XXXVII (13-14), 1932: pp. 204-205.
- Blanchard, E. (1840): Histoire naturelle des Insectes, Orthoptères, Névroptères, Hémiptères, Myménoptères, Lépidoptères et Diptères, III: 672 pp., [72] pls. [without pagination].
- Boisduval, J. B. A. d'E. (1834-1843): Icones historique des Lépidoptères nouveaux ou peu connus. Collection, avec figures coloritées, des Papillons d'Europe nouvellement découverts, ouvrage format le complément de tous les Auteurs iconographes. 19-30; Vol. II (1834) [Huitième Tribu. Saturnides. *Saturnides*.], Roret (Paris).
- Bouvier, E.-L. (1926): Sur deux Saturniens de l'Île Yule. – Bulletin du Muséum national d'Histoire naturelle (Paris), 32 (4): pp. 197-199.
- Bouvier, E.-L. (1927): Quelques observations sur les Saturnides Attaciens du genre *Coscinocera* [LEP.]. – Bulletin de la Société entomologique de France, 1927 (11.05.1927): pp. 147-149.
- Bouvier, E.-L. (1928): Eastern Saturniidae with descriptions of new species. – Bulletin of the Hill Museum (Wormley, Witley), II (2): pp. 122-141; pls. II-VII & Corrigenda “Explanation of the plates II-VII” and later published “Remarks by the Publisher”.

- Bouvier, E.-L. (1936): Étude des Saturnioides normaux. Famille des Saturniidae. – Mémoires du Muséum National d'Histoire Naturelle, (nouvelle série) (Paris) 3: 350 pp.; 82 figs., pl. 1-12.
- Brechlin, R. (2004): Einige Anmerkungen zur Gattung *Coscinocera* BUTLER, 1879 mit Beschreibung einer neuen Art (Lepidoptera: Saturniidae). – Nachrichten des Entomologischen Vereins Apollo (Frankfurt am Main), N.F. 25 (4), Dec. 2004: pp. 189-194; 6 col.-figs, 8 phot. h.-t.
- Brechlin, R. (2005): Einige Anmerkungen zur Gattung *Neodiphthera* FLETCHER, 1982 stat. rev. mit Beschreibungen von vier neuen Arten (Lepidoptera: Saturniidae). – Nachrichten des Entomologischen Vereins Apollo (Frankfurt am Main), N.F. 26 (1/2): pp. 17-29, 1 col.-pl. (9 figs), 1 b/w-pl. (7 figs.).
- Brechlin, R. (2010a) [considered unpublished for the purposes of zoological nomenclature, cf. Nässig, Kitching, Peigler & Treadaway (2010)]: Eine neue Art der Gattung *Coscinocera* BUTLER, 1879 (Lepidoptera: Saturniidae). – Entomo-Satsphingia . Entomologische Beiträge, 3 (01), 09. Jan. 2010: pp. 5-8; 14 col.-figs.
- Brechlin, R. (2010b): Eine neue Art der Gattung *Coscinocera* BUTLER, 1879 (Lepidoptera: Saturniidae). – Entomo-Satsphingia . Entomologische Beiträge, 3 (01), 09. Jan. 2010: pp. 5-8; 14 col.-figs. [date of publication actually not earlier than 20.01.2010]
- Brechlin, R. (2010): Neue Taxa der Gattung *Syntherata* MAASSEN, 1873 (Lepidoptera: Saturniidae). – Entomo-Satsphingia, 3 (2): pp. 13-22; 3 col.-pls. (24 figs.).
- Brechlin, R. (2011): Sechs neue Arten der Gattung *Neodiphthera* FLETCHER, 1982 (Lepidoptera: Saturniidae). – Entomo-Satsphingia, 4 (2): pp. 86-93; 2 col.-pls. (16 figs.).
- Brechlin, R. (2023): Drei neue Arten der Gattung *Coscinocera* BUTLER, 1879 (Lepidoptera: Saturniidae). – Entomo-Satsphingia . Entomologische Beiträge, 16 (01), 25. Jan. 2023: pp. 36-38; 8 col.-figs.
- Brechlin, R. & van Schayck, E. (2019): Zehn neue Arten der Gattung *Neodiphthera* FLETCHER, 1982 (Lepidoptera: Saturniidae). – Entomo-Satsphingia, 12 (3): pp. 21-33; 40 col.-figs.
- Butler, A.G. (1879): On the Heteocera in the Collection of Lepidoptera from New Ireland obtained by the Rev. G. Brown. – Proceedings of the Scientific Meetings of the Zoological Society of London for the year 1879 (London): pp. 160-166.
- Butler, A. G. (1882): XX. – Descriptions of new Species of Lepidoptera, chiefly from Duke-of-York Island and New Britain. [Continued from p. 160]. – The Annals and Magazine of Natural History (London), (5) 10: pp. 226-238.
- Eecke van, R. (1924): List of the Lepidoptera, collected by Mr. W. C. VAN HEURN during an exploration-expedition in Dutch North New Guinea. – Nova Guinea; XV (Zoolog. Lin. I); Brill (Leiden): pp. 33-56, col.-pl. 1.

- Eecke van, R. (1933): VI. – Some new Malayan Lepidoptera. – Zoologische Mededeelingen, uitgegeven door's Rijks Museum van Natuurlijke Historie te Leiden (Leiden), XVI: pp. 61-64.
- Eckerlein, H. (1935): Einige neue Saturniden [sic] aus Neu-Guinea und Argentinien. – Entomologische Zeitschrift (Frankfurt), 49: pp. 21-23, 4 text-figs.
- Fletcher, D. S. & Nye, I. W. B. in Nye, I. W. B. (ed.) (1982): The generic names of moths of the world, Volume 4 . Bombycoidea, Mimallonoidea, Sphingoidea, Castnioidea, Cossioidea, Zygaenoidea and Sesiioidea. – Trustees of the British Museum (Natural History) (London); 192 pp.
- Fletcher, D. S. & Nye, I. W. B. in Nye, I. W. B. (ed.) [Reprint] (1995): The generic names of moths of the world, Volume 4 . Bombycoidea, Mimallonoidea, Sphingoidea, Castnioidea, Cossioidea, Zygaenoidea and Sesiioidea. – The Natural History Museum (London); 192 pp.
- International Trust of Zoological Nomenclature (1985): International Code of Zoological Nomenclature. Third Edition (London); 338 pp.
- International Trust of Zoological Nomenclature (1999): International Code of Zoological Nomenclature. Fourth Edition (London); 306 pp.
- Joicey, J.J. & Talbot, G. (1916): New Lepidoptera from Dutch New Guinea. – Annals and Magazine of Natural History, 17 (8): pp. 68-90.
- Jordan, K. (1909): Some new and some unfigured Lepidoptera. – Novitates Zoologicae. A Journal of Zoology in Connection with the Tring Museum (Tring), XV, 1908 (with thirteen plates): pp. 253-258, col.-pls. IX-XI.
- Lane, D. A., & Naumann, S. (2003): A new species of *Neodiphthera* FLETCHER (Lepidoptera: Saturniidae) from northeastern Queensland. – Australian Entomologist, 30 (2): pp. 79-86, 2 col.-pl. (10 figs.).
- Lane, D. A. & Naumann, S. (2013): Notes on the genus *Neodiphthera* FLETCHER, 1982 with description of three new species (Lepidoptera, Saturniidae. – Nachrichten des Entomologischen Vereins Apollo (Frankfurt am Main), N.F. 34 (1/2): pp. 29-37; 1 table, 1 map, 1 text-fig., 26 col.figs.
- Lemaire, C. (1979): Descriptions de trois Attacidae Indo-Australiens. – Lambillionea, LXXVIII (11-12): 89-96, 5 figs. (line drawings and phot.).
- Le Moul't, E. (1933): Formes nouvelles ou peu connues de Saturnidae [sic] (Lép.). – Novitates Entomologicae, 3 (1-4): pp. 20-23; pls. I-III.
- Linnaeus, C. (1758): Systema Naturae per Regna Tria naturae, secundum Classes, Ordines, Genera, Species, cum Characteribus, Differentiis, Synonymis, Locis. Tomus I. – Editio Decima, Reformata (Holmiae); 822 pp. [+ 5 pp. unnumbered]
- Linnaeus, C. (1767): Systema Naturae, per Regna Tria Naturae, secundum Classes, Ordines, Genera, Species cum Characteribus, Differentiis, Synonymis, Locis. Tomus I. – Editio decima tertia, ad Editionem duodecimam reformatam Holmiae (Vindobonae); pp. 533-1327 + [16] pp.

- Miskin, W. H. (1876): On a new and remarkable species of *Attacus*. – Transactions of the Entomological Society of London (London), 1876 (1): pp. 7-9.
- Naumann, S. (2009): A new species of the Indo-Australian genus *Coscinocera* BUTLER, 1879 (Lepidoptera: Saturniidae). – The European Entomologist, 2 (1-2), Oct 15, 2009: pp. 19-28; 7 col.-figs.
- Naumann, S. (2013): Notes on the genus *Pararhodia* COCKERELL, 1914 with description of two new species from mainland New Guinea (Lepidoptera : Saturniidae). – SUGAPA . Suara Serangga Papua, 2013, 8 (1) : pp. 1-10 ; 1 map, 4 col.-figs.
- Naumann, S. & Brechlin, R. (2001) Zwei neue Arten der Gattung *Syntherata* MAASSEN, 1873 von den Molukken, Indonesien (Lepidoptera: Saturniidae). – Nachrichten des Entomologischen Vereins Apollo (Frankfurt am Main), N.F. 21 (4): pp. 237-246, 2 col.-pls. (14 figs.), 1 b/w-pl. (4 [+4] figs.).
- Naumann, S., Lane, D. & Löffler, S. (2009): Some new species of the Indo-Australian genus *Syntherata* from the Island of New Guinea (Lepidoptera: Saturniidae). – Přírodovědné Studie Muzea Prostějovska. Svazek 10-11: pp. 43-65, 3 col.-pls. (18 figs.).
- Naumann, S. & Lane, D. A. (2020a): Two new species of the genus *Syntherata* MAASSEN, 1873 (Lepidoptera: Saturniidae) from Australia and Indonesia, and some general notes on the genus with actual checklist. – Nachrichten des Entomologischen Vereins Apollo (Frankfurt am Main), N.F. 41 (1/2): pp. 76-96; 35 col.-figs., 15 phot. h.-t., 1 table, 4 text-figs. and 1 map.
- Naumann, S. & Lane, D. A. (2020b): Additional note on the genus *Syntherata* MAASSEN, 1873 (Lepidoptera: Saturniidae): A new species from Waigeo Island, Indonesia. – Nachrichten des Entomologischen Vereins Apollo (Frankfurt am Main), N.F. 41 (3/4): pp. 138-140; 3 col.-figs.
- Naumann, S. & Löffler, S. (2010): Eine neue Art der Gattung *Coscinocera* BUTLER, 1879 von der Insel Aru in Indonesien (Lepidoptera, Saturniidae). – Neue Entomologische Nachrichten aus dem Entomologischen Museum Dr. Ulf Eitschberger . Forschungsinstitut des „McGuire Center for Lepidoptera & Biodiversity, Gainesville, Florida, U.S.A.“ . Beiträge zur Ökologie, Faunistik und Systematik von Lepidopteren, Supplement 2, 18 Januar 2010: pp. 36-39; 5 col.-figs.
- Naumann, S., Nässig, W. A. & Löffler, S. (2018): Some new Asian Saturniidae (Lepidoptera). – Nachrichten des Entomologischen Vereins Apollo (Frankfurt am Main), N.F. 38 (4), Apr. 2018: pp. 169-180; 19 col.-figs.
- Nässig, W. A. & Lemaire, C. (2002): Two new *Opodiphthera* species from Bougainville and Guadalcanal (Solomon archipelago) (Lepidoptera: Saturniidae, Saturniinae). – Nachrichten des Entomologischen Vereins Apollo (Frankfurt am Main), N.F. 23 (3): pp. 97-103, 1 map, 1 col.-pl. (12 figs.), 1 pl. h.-t. (3 [+8] figs.).
- Nässig, W. A., Kitching, I. J., Peigler, R. S. & Treadaway, C. G. (2010): The group of *Cricula elaezia*: Comments on synonyms and priority questions, with illustrations of barcode similarity trees, distribution maps, a revised checklist and a

- formerly unknown female (Lepidoptera: Saturniidae). – Nachrichten des Entomologischen Vereins Apollo (Frankfurt am Main), N.F. 31 (3), 2010: pp. 145-165, 2 figs., 2 maps, 1 col.-pl. (29 figs.).
- Niepelt, W. (1916): Lepidoptera Niepeltiana 2. Teil . Abbildungen und Beschreibungen neuer und wenig bekannter Lepidoptera aus der Sammlung W. Niepelt . Bearbeitet von Embrik Strand Berlin. Fam. Saturniidae: 1-26 pp.; Nachträge 1-4 pp.; pls. XIII-XVIII.
- Niepelt, W. (1934): Beitrag zur Kenntnis von *Antheraea sciron* WESTW. und Beschreibung zweier neuer Rassen sowie einer neuen Rasse von *Opodiphthera astrophela* WKR. – Internationale Entomologische Zeitschrift (Guben), 28 (11): pp. 113-118; double-pl. (figs. 1-12).
- Niepelt, W. (1936): Eine neue Saturniide aus Neu-Guinea. – Entomologische Zeitschrift vereinigt mit Internationale Entomologische Zeitschrift (Frankfurt am Main), 49 (29 / I.E.Z. 47): pp. 559-560, 1 fig..
- Packard, A. S. (1914): Monograph of the Bombycine Moths of North America, including their transformations and origin of the larval markings and armature. Part III (Editor T. D. A. Cockerell). Families Ceratocampidae (exclusive of Ceratocampinae), Saturniidae, Hemileucidae, and Brahmaeidae. Memoirs of the National Academy of Sciences. – National Academy of Sciences. Volume XII. First Memoir, vii + 516 pp., text-figs., 113 pls.
- Paukstadt, U. & Paukstadt, L. H. (2004): *Opodiphthera (Syntherata) doboensis* **sp. nov.**, ein neuer wilder Seidenspinner vom Aru Archipel, Indonesien (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 2 (2): pp. 87-100; 2 col.-pls. (17 figs.), 1 b/w-pl. (3 [+3] figs.), 3 b/w-figs.
- Paukstadt, U. & Paukstadt, L. H. (2005): *Opodiphthera (Syntherata) malukuensis* **sp. nov.**, ein neuer wilder Seidenspinner vom Aru Archipel, Indonesien (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 3 (1): pp. 28-45; 2 col.-pls. (9 figs.), 1 b/w-pl. (7 figs.), 1 diagram.
- Paukstadt, U. & Paukstadt, L. H. (2006a): Beitrag zur Kenntnis der intraspezifischen Variabilität von *Coscinocera eurystheus* W. ROTHSCHILD, 1898 (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 4 (2): pp. 51-60, b/w-pl. (15 line drawings), 2 tables, 2 diagrams.
- Paukstadt, U. & Paukstadt, L.H. (2006b): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part I A (Lepidoptera: Saturniidae: Attacini). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 4 (4): pp. 135-204.
- Paukstadt, U. & Paukstadt, L. H. (2012a): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part VIII A. The Saturniini of the Papuan-Australian Fauna: *Pararhodia* COCKERELL in Packard, 1914 (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 10 (1): pp. 3-36, 2 maps.

- Paukstadt, U. & Paukstadt, L. H. (2012b): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part VIII B. The Saturniini of the Papuan-Australian Fauna: *Austrocaligula* COCKERELL in Packard, 1914 – Part 1 (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 10 (2): pp. 39-78, 4 maps, 2 line drawings.
- Paukstadt, U. & Paukstadt, L. H. (2012c): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part VIII B. The Saturniini of the Papuan-Australian Fauna: *Austrocaligula* COCKERELL in Packard, 1914 – Part 2 (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 10 (3): pp. 83-124.
- Paukstadt, U. & Paukstadt, L. H. (2012d): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part VIII C. The Saturniini of the Papuan-Australian Fauna: *Opodipphthera* WALLENGREN, 1858 – Part 1 (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 10 (4): pp. 127-168, 2 maps, 1 line drawing.
- Paukstadt, U. & Paukstadt, L. H. (2012e): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part VIII C. The Saturniini of the Papuan-Australian Fauna: *Opodipphthera* WALLENGREN, 1858 – Part 2 (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 10 (5): pp. 171-206.
- Paukstadt, U. & Paukstadt, L. H. (2012f): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part VIII D. The Saturniini of the Papuan-Australian Fauna: *Neodipphthera* FLETCHER in Fletcher & Nye, 1982 – Part 1: the *papua*-group (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 10 (6): pp. 211-256, 3 maps.
- Paukstadt, U. & Paukstadt, L. H. (2012g): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part VIII D. The Saturniini of the Papuan-Australian Fauna: *Neodipphthera* FLETCHER in Fletcher & Nye, 1982 – Part 2: the *venusta*-group (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 10 (7): pp. 259-292, 2 maps.
- Paukstadt, U. & Paukstadt, L. H. (2012h): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part VIII D. The Saturniini of the Papuan-Australian Fauna: *Neodipphthera* FLETCHER in Fletcher & Nye, 1982 – Part 3a: the *sciron*-group (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 10 (9): pp. 327-376.
- Paukstadt, U. & Paukstadt, L. H. (2012i): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part VIII D. The Saturniini of the Papuan-Australian Fauna: *Neodipphthera* FLETCHER in Fletcher & Nye, 1982 – Part 3b: the *sciron*-group (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 10 (10): pp. 379-416, 4 figs., 3 maps.
- Paukstadt, U. & Paukstadt, L. H. (2012k): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part VIII D. The Saturniini of the Papuan-Australian Fauna: *Neodipphthera* FLETCHER in Fletcher & Nye, 1982 – 1st Supplement: the

- papuana*-group (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 10 (10): pp. 417-420.
- Paukstadt, U. & Paukstadt, L. H. (2012l): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part VIII E. The Saturniini of the Papuan-Australian Fauna: *Syntherata* MAASSEN, 1873 – Part 1: general information and checklist (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 10 (12): pp. 459-496, 8 maps.
- Paukstadt, U. & Paukstadt, L. H. (2012m): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part VIII E. The Saturniini of the Papuan-Australian Fauna: *Syntherata* MAASSEN, 1873 – Part 2: *S. janetta* (WHITE, 1843), *S. melvilla* (WESTWOOD, 1853), and their synonyms (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 10 (13): pp. 499-548.
- Paukstadt, U. & Paukstadt, L. H. (2012n): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part VIII E. The Saturniini of the Papuan-Australian Fauna: *Syntherata* MAASSEN, 1873 – Part 3: species-group names introduced from between 1865 and 2005 (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 10 (14): pp. 551-608.
- Paukstadt, U. & Paukstadt, L. H. (2012o): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part VIII E. The Saturniini of the Papuan-Australian Fauna: *Syntherata* MAASSEN, 1873 – Part 4: species-group names introduced later than 2005 (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 10 (15): pp. 611-667.
- Paukstadt, U. & Paukstadt, L. H. (2013): A preliminary checklist of the Papuan-Australian taxa of the tribus Saturniini BOISDUVAL, 1837 (“1834”) (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 11 (1): pp. 3-15.
- Paukstadt, U. & Paukstadt, L. H. (2020a): An updated checklist of the wild silkmoths of the Malay Archipelago (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 18 (4): pp. 123-168; 21 maps.
- Paukstadt, U. & Paukstadt, L. H. (2020b): Überlegungen zur Artenvielfalt der wilden Seidenspinner des Malaiischen Archipels – Teil I: Attacini (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 18 (5): pp. 171-208; 5 maps.
- Paukstadt, U. & Paukstadt, L. H. (2020c): Überlegungen zur Artenvielfalt der wilden Seidenspinner des Malaiischen Archipels – Teil I: Attacini (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 18 (5): pp. 171-208; 5 maps.
- Paukstadt, U. & Paukstadt, L. H. (2022): Eine neue Saturniide aus der Central Mountain Range von Papua: *Coscinocera eitschbergeri* sp. nov. (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 20 (10): 364-368, 3 col.-figs.

- Paukstadt, U., Paukstadt, L. H. & Suhardjono, Y. R. (1992): *Pararhodia rotalis* **n. sp.**, eine neue Saturniidae (Lepidoptera) von Irian Jaya, Indonesien. – Entomologische Zeitschrift (Essen), 102 (21): pp. 389-394; 3 figs.
- Paukstadt, U., Paukstadt, L. H. & Suhardjono, Y. R. (2003): *Opodiphthera* (N.) *aruensis* **sp. nov.** and *O. (N.) sahulensis* **sp. nov.**, zwei neue Saturniiden vom Aru Archipel, Indonesien (Lepidoptera: Saturniidae). – Galathea – Berichte des Kreises Nürnberger Entomologen eV (Nürnberg), Supplement 14: pp. 10-21; 10 b/w-figs., col.-pl. (3 figs.).
- Paukstadt, U., Paukstadt, L. H. & van Schayck, E. (2022a): Bemerkungen zu den Taxa der Gattung *Coscinocera* BUTLER, 1879 mit Beschreibungen neuer Arten von Neuguinea und den umliegenden kleineren Inseln – Teil 1 (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 20 (6): pp. 179-216.
- Paukstadt, U., Paukstadt, L. H. & van Schayck, E. (2022b): Bemerkungen zu den Taxa der Gattung *Coscinocera* BUTLER, 1879 mit Beschreibungen neuer Arten von Neuguinea und den umliegenden kleineren Inseln – Teil 2 (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 20 (7): pp. 219-255; 31 col.-figs., 1 map., 1 b/w-fig.
- Paukstadt, U., Paukstadt, L. H. & Večerik, Z. (2017): *Syntherata degroofi* **sp. nov.**, ein neuer wilder Seidenspinner von Misool, Indonesien (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 15 (7): pp. 281-288, 2 col.-figs.
- Peigler, R. S. (1992): A new Species of *Syntherata* from the Trobriand Islands (Lepidoptera: Saturniidae). – Tropical Lepidoptera, 3 (2): pp. 105-108, 1 col.-pl. (6 figs.), 1 col. text-fig., and 1 b/w-drawing.
- Rothschild, W. (1895): Notes on Saturniidae, with a preliminary revision of the family down to the genus *Automeris*, and descriptions of some new species. – Novitates Zoologicae (Tring), II: pp. 35–51, pl. X.
- Rothschild, W. (1898): On some new or rare Lepidoptera of the old-world regions. – Novitates Zoologicae. A Journal of Zoology in connection with the Tring Museum, Vol. V., 1898. – Issued at the Zoological Museum, Tring; pp. 96-102.
- Rothschild, W. (1899): Some new eastern Lepidoptera. – Novitates Zoologicae. A Journal of Zoology in connection with the Tring Museum, Vol. VI., 1899. – Issued at the Zoological Museum, Tring; pp. 67-71.
- Rothschild, W. (1904): Two New Saturniidae. – Novitates Zoologicae. A Journal of Zoology in Connection with the Tring Museum (Tring), 11: p. 601.
- Rothschild, W. & Jordan, K. (1896): Notes on *Heterocera*, with descriptions of new genera and species. – Novitates Zoologicae. A Journal of Zoology in Connection with the Tring Museum (Tring), 3 (1): pp. 21-62
- Rothschild, W. & Jordan, K. (1905) On some new Lepidoptera discovered by A. S. Meek in British New Guinea. – Novitates Zoologicae (Tring), 12 (2): pp. 448-478.

- Rothschild, W. & Jordan, K. (1907): Lepidopteren aus Neu-Guinea. – Deutsche Entomologische Zeitschrift (Berlin), 7: pp. 189-198.
- Schüssler, H. in Strand, E. (1933): Pars 56: Saturniidae: 2. Subfam. Saturniinae I. – pp. 85-324 in: Strand, E. (ed.), Lepidopterorum Catalogus. – Berlin (W. Junk).
- Schüssler, H. in Strand, E. (1934): Pars 65: Saturniidae: 3. Subfam. Ludiinae II. – pp. 485-769 in: Strand, E. (ed.), Lepidopterorum Catalogus. – 's-Gravenhage (W. Junk).
- Strand, E. (1913): Ueber die *Attacus*-Form von Toeal, Key-Inseln. (*Attacus atlantis* Strand n. sp.). – Arch. Naturgesch., 75A: pp. 145-147.
- Swinhoe, C. (1892): Catalogue of Eastern and Australian Lepidoptera Heterocera in the Collection of the Oxford University Museum . Part I . Sphinges and Bombyces . With Eight Plates. – Oxford (At the Clarendon Press); viii + 324 pp., 8 col.-pls.
- Wallengren, H. D. J. (1858): Nya Fjäril-slågten. – följande fortsättning. – Öfversigt af Konglia Vetenskaps-Akademiens Förhandlingar (Stockholm), 15, No. 3: pp. 135-142.
- Wallengrén, H. D. J. (1860): Lepidopterologische Mittheilungen. – Wiener Entomologische Monatschrift (Wien), IV (6): pp. [161]-176.
- Wallengren, H. D. J. (1861): Lepidoptera. Species Novas Descripsit. – Kongliga Svenska Fregatten Eugenies. Resa amkring jorden under befäl af. C. A. Virgin åren 1851–1853 retenskapliga iakttagelser P & H. Maj:t Konung Oscar den Förstes befallning utgifna af. K. svenska vetenskaps-akademien. Zoologie V: pp. 351-390, pls. 6-7.
- Walker, F. (1855): List of the Specimens of Lepidopterous Insects in the Collection of the British Museum (London), V. – Lepidoptera Heterocera: pp. 977-1257.
- Watson, J. H. (1910): Notes on the life histories of certain species of Saturnidae [sic]. – Manchester Ent. Soc. , Ann. Rep. Trans. 8: pp. 22-34, 3 pls.
- Westwood, J. O. (1881): 2. Descriptions of some new Exotic Species of Moths. – Proceedings of the Scientific Meetings of the Zoological Society of London for the Year 1881. – London (Messrs. Longmans, Green, Reader, and Dyer), pp. 141-145, col.-pls. XII & XIII.
- Weymer, G (1898): *Syntherata Dahli* n. sp. Eine neue australische Saturnide. – Entomologische Nachrichten (Berlin), XXIV (14): pp. 209-212 [p. 210 erroneously numbered 120].

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Zeitschrift/Journal: [Beiträge zur Kenntnis der wilden Seidenspinner](#)

Jahr/Year: 2023

Band/Volume: [21](#)

Autor(en)/Author(s): Paukstadt Ulrich, Paukstadt Laela Hayati

Artikel/Article: [Eine aktualisierte Checkliste der Saturniiden von Neuguinea \(Lepidoptera: Saturniidae\). An updated checklist of the saturniid moths of New Guinea \(Lepidoptera: Saturniidae\) 48-69](#)