

Eine aktualisierte Checkliste der Saturniiden der Malaiischen Halbinsel (Lepidoptera: Saturniidae)

An updated checklist of the saturniid moths of the Malay Peninsula (Lepidoptera: Saturniidae)

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Key Words: Lepidoptera, Saturniidae, wild silkmoth, West Malaysia, Thailand, Myanmar, Malay Peninsula, 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-; *atlas gladiator* Fruhstorfer, 1904 (*Attacus*); STATUS-; junior
subjective synonym of *atlas* (Linnaeus, 1758)

Attacini-; *Archaeoattacus* Watson in Packard, 1914

Archaeoattacus-; *Attacus edwardsii* White, 1859; STATUS-; type-species
of *Archaeoattacus* Watson in Packard, 1914 by original designation

Archaeoattacus-; *staudingeri* (W. Rothschild, 1895) (*Attacus*)

Archaeoattacus-; *malayanus* (Kurosawa & Kishida, 1984) (*Attacus*)

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

Samia-; *Phalaena cynthia* Drury, 1773; STATUS-; type-species of *Samia*
Hübner, 1819 [“1816”] by subsequent designation by Grote (1865)

Samia-; *tetrica* (Rebel, 1924) (*Philosamia*)

Samia-; *kohlli* Naumann & Peigler, 2001 (*Samia*)

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

Saturniini-; *Actias* Leach in Leach & Nodder, 1815

Actias-; *Phalaena luna* Linnaeus, 1758; STATUS-; type-species of *Actias*
Leach in Leach & Nodder, 1815 by subsequent designation by Grote
(1874)

Actias-; ***selene*-group** (sensu Nässig 1994); STATUS-; tentative collective-
group name

Actias-; ***selene*-subgroup** (sensu Paukstadt & Paukstadt 2022); STATUS-;
tentative collective-group name

Actias-; *selene* (Hübner, 1807) (*Echidna Caudata*)

Actias-; ***seitzi*-subgroup** (sensu Paukstadt & Paukstadt 2022); STATUS-;
tentative collective-group name

Actias-; *seitzi seitzi* Kalis, 1934 (*Actias*)

Actias-; *seitzi pahangensis* Brechlin, 2012 (*Actias*)

Actias;-; **maenas-group** (sensu Nässig 1994); STATUS-; tentative collective-group name

Actias;-; *maenas* Doubleday, 1847 (*Actias*)

Actias;-; *maenas saja* van Eecke, 1913 (*Actias*)

Saturniini-; *Antheraea* Hübner, 1819 [“1816”]

Saturniini-; *Phalaena mylitta* Drury, 1773; STATUS-; type-species of *Antheraea* Hübner, 1819 [“1816”] by subsequent designation by Kirby (1892)

Antheraea;-; *Loepantheraea* *Toxopeus*, 1940; STATUS-; junior synonym of *Antheraea* Hübner, 1819 [“1816”]

Antheraea;-; *Loepantheraea rosieri* *Toxopeus*, 1940; STATUS-; type-species of *Loepantheraea* *Toxopeus*, 1940

***Antheraea*;-; *Antheraea* Hübner, 1819 [“1816”]; STATUS-; subgenus of *Antheraea* Hübner, 1819 [“1816”]**

Antheraea;-; ***paphia/frithi-group*** (sensu Nässig 1991); STATUS-; tentative collective- group name

Antheraea;-; ***frithi-complex*** (sensu Paukstadt, Paukstadt & Schulz 2011); STATUS-; tentative collective-group name

Antheraea;-; *frithi* Moore, 1859 (*Antheraea*)

Antheraea;-; *gswandneri* Niepelt in Strand, 1918 (*Antheraea*)

Antheraea;-; *myanmarensis* U. Paukstadt, L.H. Paukstadt & Brosch, 1998 (*Antheraea* (*Antheraea*))

Antheraea;-; *steinkeorum* U. Paukstadt, L.H. Paukstadt & Brosch, 1999 (*Antheraea* (*Antheraea*))

Antheraea;-; *ulrichbroschi* U. Paukstadt & L.H. Paukstadt, 1999 (*Antheraea* (*Antheraea*))

Antheraea;-; *broschi* Naumann, 2001 (*Antheraea* (*Antheraea*))

Antheraea;-; *ranongensis* U. Paukstadt & L.H. Paukstadt, 2010 (*Antheraea* (*Antheraea*))

Antheraea;-; *cameronensis* U. Paukstadt & L.H. Paukstadt, 2022 (*Antheraea* (*Antheraea*))

Antheraea;-; *gentingensis* U. Paukstadt & L.H. Paukstadt, 2022 (*Antheraea* (*Antheraea*))

Antheraea;-; ***platessa-complex*** (sensu Paukstadt, Brosch & Paukstadt 1999); STATUS-; tentative collective-group name

Antheraea;-; *platessa* W. Rothschild, 1903 (*Antheraea*)

Antheraea-; **larissa-subgroup** of the *paphia/frithi*-group (sensu Brechlin 2014); STATUS-; tentative collective-group name

Antheraea-; **larissa-complex** of the *larissa*-subgroup (sensu Paukstadt & Paukstadt 2018); STATUS-; tentative collective-group name

Antheraea-; *larissa* (Westwood, 1848) (*Saturnia*)

Antheraea-; *larissa ridlyi* Moore, 1892 (*Antheraea*)

Antheraea-; **cordifolia/minahassae-subgroup** of the *paphia/frithi*-group (sensu Paukstadt & Paukstadt 2022); STATUS-; tentative collective-group name

Antheraea-; **cordifolia/rosieri-complex** (sensu Paukstadt & Paukstadt 2022) of the *cordifolia/minahassae*-subgroup; STATUS-; tentative collective-group name

Antheraea-; *rosieri* (Toxopeus, 1940) (*Loepantheraea*)

Antheraea-; *rosieri dawnaensis* U. Paukstadt & L.H. Paukstadt, 2022 (*Antheraea* (*Antheraea*)); STATUS-; distribution range unknown

Antheraea-; **helferi-group** (sensu Nässig 1991); STATUS-; tentative collective-group name

Antheraea-; **helferi-subgroup** (sensu Paukstadt, Paukstadt & Brosch 1998); STATUS-; tentative collective-group name

Antheraea-; *helferi* Moore, 1859 (*Antheraea*)

Antheraea-; *malakkana* Brechlin, 2022 (*Antheraea* (*Antheraea*))

Antheraea-; **yamamai-subgroup** (sensu Paukstadt, Paukstadt & Brosch 1998); STATUS-; tentative collective-group name

Antheraea-; *diehli* Lemaire, 1979 (*Antheraea*)

Antheraea-; **pernyi-group** (sensu Nässig 1991); STATUS-; tentative collective-group name

Antheraea-; *pernyi* (Guérin-Méneville, 1855) (*Bombyx*)

Antheraea-; *roylei* Moore, 1859 (*Antheraea*)

Antheraea-; *roylii* Moore, 1859 (*Antheraea*); STATUS-; considered an incorrect original spelling

Antheraea-; *roylei* Moore in Horsfield & Moore, 1860 [“1859”]; STATUS-; “redescription”, junior homonym of *roylei* Moore, 1859

Antheraea-; *lampei* Nässig & Holloway, 1989 (*Antheraea*)

Antheraea-; *pahangensis* Brechlin & U. Paukstadt, 2010 (*Antheraea* (*Antheraea*))

***Antheraea*-; *Antheraeopsis* Wood-Mason, 1886**; STATUS-; subgenus of *Antheraea* Hübner, 1819 [“1816”]
Antheraea-; *Saturnia assama* Westwood, 1848; STATUS-; type-species of *Antheraeopsis* Wood-Mason, 1886
Antheraeopsis-; ***assamensis*-group** (sensu Paukstadt & Paukstadt 2013); STATUS-; tentative collective-group name
Antheraeopsis-; *assamensis* (Helfer, 1837) (*Saturnia*)
Antheraeopsis-; *assama* (Westwood, 1847) (*Saturnia*); STATUS-; junior subjective synonym of *assamensis* (Helfer, 1837) (*Saturnia*)
Antheraeopsis-; *tenasserimensis* U. Paukstadt & L.H. Paukstadt, 2013 (*Antheraea* (*Antheraeopsis*))
Antheraeopsis-; ***youngi*-group** (sensu Paukstadt & Paukstadt 2013); STATUS-; tentative collective-group name
Antheraeopsis-; *youngi* Watson, 1915 (*Antherea* [sic])
Antheraeopsis-; *brunnea* van Eecke, 1921 (*Antheraea*)

Saturniini-; *Cricula* Walker, 1855

Remarks: *Cricula* Walker, 1855 was first established in the Drepanulidae (now Drepanidae) and was placed in the Saturniidae by Herrich-Schäffer ([1858] 1850-1858: 61)
Cricula-; *Saturnia trifenestrata* Helfer, 1837; STATUS-; type-species of *Cricula* Walker, 1855 by monotypy
Cricula-; ***trifenestrata*-group** (sensu Paukstadt & Paukstadt 2019); STATUS-; tentative collective-group name
Cricula-; *trifenestrata* (Helfer, 1837) (*Saturnia* (?))
Cricula-; *cameronensis* U. Paukstadt & L.H. Paukstadt, 1998 (*Cricula*)
Cricula-; ***elaezia*-group** (sensu Paukstadt & Paukstadt 2019); STATUS-; tentative collective-group name
Cricula-; *elaezia* Jordan, 1909 (*Cricula*)
Cricula-; *magnifenestrata* Naumann & Löffler, 2010 (*Cricula*)
Cricula-; *magnifenestrata elaeziopahangensis* Brechlin, 2010 (*Cricula*)
Cricula-; ‡*elaeziopahangensis* Brechlin, 2010 (*Cricula*); STATUS-; *nomen nudum* (considered unpublished for the purposes of zoological nomenclature)

Saturniini-; *Loepa* Moore, 1859

Saturniini-; *Loepa* Moore in Horsfield & Moore, 1860 [“1858-9”]; STATUS-; “redescription”, junior homonym of *Loepa* Moore, 1859
Loepa-; *Saturnia katinka* Westwood, 1848; STATUS-; type-species of *Loepa* Moore, 1859 by monotypy

Loepa -; **katinka-group** (sensu Naumann 1995); STATUS-; tentative collective-group name
Loepa -; **katinka-subgroup** of the *katinka*-group (sensu Naumann 1995); STATUS-; tentative collective-group name
Loepa -; *katinka* (Westwood, 1848) (*Saturnia*); STATUS-; uncertain publication date
Loepa -; *megacore* Jordan, 1911 (*Loepa*)
Loepa -; *lampei* U. Paukstadt, L.H. Paukstadt & Brechlin, 2011 (*Loepa*)
Loepa -; **sikkima-subgroup** of the *katinka*-group (sensu Naumann 1995); STATUS-; tentative collective-group name
Loepa -; *sikkima* Moore, 1866 [“1865”] (*Loepa*)
Loepa -; *siamensis* Brechlin, 2010 (*Loepa*)
Loepa -; ‡*siamensis* Brechlin, 2010 (*Loepa*); STATUS-; *nomen nudum* (considered unpublished for the purposes of zoological nomenclature)
Loepa -; *siamensis malayensis* Brechlin, 2010 (*Loepa*)
Loepa -; ‡*siamensis* ‡*malayensis* Brechlin, 2010 (*Loepa*); STATUS-; *nomina nuda* (considered unpublished for the purposes of zoological nomenclature)
Loepa -; **miranda-group** (sensu Naumann & Löffler 2012); STATUS-; tentative collective-group name
Loepa -; **miranda-subgroup** of the *miranda*-group (sensu Naumann & Löffler 2012); STATUS-; tentative collective-group name
Loepa -; *miranda* Moore, 1865 (*Loepa*)
Loepa -; *vanschaycki* Brechlin, 2012 (*Loepa*)

Saturniini-; *Lemaireia* Nässig & Holloway in Holloway, 1987

Lemaireia -; Nässig & Holloway, 1988; STATUS-; redescription, junior homonym of *Lemaireia* Nässig & Holloway in Holloway, 1987
Lemaireia -; *loepoides* Butler, 1880; STATUS-; type-species of *Lemaireia* Nässig & Holloway in Holloway, 1987 by original designation
Lemaireia -; **loepoides-group** (sensu Nässig & Wang 2006); STATUS-; tentative collective-group name
Lemaireia -; *loepoides* (Butler, 1880) (*Antheraea*)

Genus *Saturnia* von Paula Schrank, 1802

Saturnia -; *Bombyx pyri* [Denis & Schiffermüller], 1775; STATUS-; type species of *Saturnia* von Paula Schrank, 1802 by subsequent designation by Grote (1895)
Saturnia -; *Nyctaon* Billberg, 1820; STATUS-; *nomen oblitum*
Saturnia -; *Caligula* Moore, 1862; STATUS-; junior synonym (on genus level) of *Saturnia* von Paula Schrank, 1802

Saturnia -; *Eriogyna* Jordan in Seitz, 1911; STATUS-; junior synonym of *Saturnia* von Paula Schrank, 1802
Saturnia-; *Saturnia* von Paula Schrank, 1802; STATUS-; subgenus of *Saturnia* von Paula Schrank, 1802
Saturnia-; *Caligula* Moore, 1862; STATUS-; junior synonym (on subgenus level) of *Rinaca* Walker, 1855
Saturnia-; *Saturnia simla* Westwood, 1848; STATUS-; type-species of *Caligula* Moore, 1862
Saturnia-; *cameronensis* Lemaire, 1979 (*Saturnia* (*Eriogyna*))
Saturnia-; *Rinaca* Walker, 1855; STATUS-; subgenus of *Saturnia* Schrank, 1802
Rinaca-; *Saturnia zuleika* Hope, 1843; STATUS-; type-species of *Rinaca* Walker, 1855 by subsequent monotypy
Rinaca-; *thibeta*-group (sensu Paukstadt & Paukstadt 2005); STATUS-; tentative collective-group name
Rinaca-; *thibeta* Westwood, 1853 (*Saturnia* (*Rinaca*))
Rinaca-; *thibeta pahangensis* U. Paukstadt & L.H. Paukstadt, 2005 (*Saturnia* (*Rinaca*))

Eine aktualisierte Checkliste der Saturniiden der Malaiischen Halbinsel (Lepidoptera: Saturniidae)

An updated checklist of the saturniid moths of the Malay Peninsula (Lepidoptera: Saturniidae)

Abstract: Comprehensive studies on the Saturniidae (Lepidoptera) from West Malaysia were done by Barlow (1982) and Holloway in Barlow (1982) followed by Lampe (1984 and 1985) and Lampe & Pinratana (1990). The taxonomy in Lampe (1984) was taken from literature and largely corresponded to the state of knowledge at the time. Of the 22 names listed by Lampe (1984, 1985) only nine names remain recognized as species or subspecies of Saturniidae for West Malaysia today. Lampe & Pinratana (1990) studied the Saturniidae in “Moths of Thailand”. Of the 11 names of taxa recorded for Peninsular Malaysia, only four names remain recognized today. Paukstadt & Paukstadt (2004b, 2005b) listed 25 names for West Malaysia of which 18 are recognized as valid today. In the 40 years since Barlow, a lot had happened taxonomically in Malay Peninsula thanks to intensive collections, breeding studies and finally BOLD. At least 30 taxa of the family Saturniidae are known today from the Malay Peninsula south of the Isthmus of Kra, of which about 16 could be endemic to the Malay Peninsula. We herewith provide with an updated checklist of the Saturniidae of the Malay Peninsula south of the Isthmus of Kra which includes Singapore, West Malaysia, southern Thailand and southern Myanmar.

Zusammenfassung: Erste zusammenfassende Studien der Saturniiden (Lepidoptera: Saturniidae) von West Malaysia wurden durch Barlow (1982) und Holloway in Barlow (1982) durchgeführt, gefolgt von Lampe (1984 und 1985) und Lampe & Pinratana (1990). Die Taxonomie in Lampe (1984) wurde aus der soweit bekannten Literatur übernommen und entsprach weitgehend dem damaligen Kenntnisstand. Von den 22 durch Lampe (1984, 1985) aufgeführten Namen sind heute nur neun Namen übrig, die im Art-oder Unterartstatus für West Malaysia anerkannt werden. Lampe & Pinratana (1990) nannten in “Moths of Thailand” auch Saturniiden für die Malaiische Halbinsel. Von den aufgeführten 11 Namen sind aktuell aber nur noch 4 als gültig und richtig verblieben. Paukstadt & Paukstadt (2004b, 2005b) nannten 25 Namen von Saturniiden für West Malaysia von denen heute noch 18 Namen anerkannt werden. In den 40 Jahren seit Barlow hatten sich einige taxonomische Änderungen bei den Saturniiden der Malaiischen Halbinsel ergeben, die auf intensivere Aufsammlungen, Zuchtstudien und schliesslich DNA-Abgleiche (durch BOLD) zurückzuführen sind. Mindestens 30 Taxa aus der Familie Saturniidae sind heute von der Malaiischen Halbinsel südlich des Isthmus von Kra bekannt, von denen etwa 16 Taxa als endemisch für die Halbinsel eingestuft werden können. Wir stellen hier eine aktuelle Scheckliste der Saturniiden der Malaiischen Halbinsel südlich des Isthmus von Kra vor, die geographisch Singapore, West Malaysia, das südliche Thailand und das südliche Myanmar einschliesst.

Checklist of the Saturniidae (Lepidoptera) of the Malay Peninsula

Tribe Attacini BLANCHARD, 1840

Genus *Attacus* LINNAEUS, 1767

atlas (LINNAEUS, 1758) (Malay Peninsula)

Genus *Archaeoattacus* WATSON *in* Packard, 1914

staudingeri (W. ROTHCHILD, 1895) (West Malaysia)

malayanus (KUROSAWA & KISHIDA, 1984) (Malay Peninsula)

Genus *Samia* HÜBNER, 1819 [“1816”]

tetrica (REBEL, 1924) (West Malaysia)

kohlli NAUMANN & PEIGLER, 2001 (Malay Peninsula)

Tribe Saturniini BOISDUVAL, 1837 [“1834”]

Genus *Actias* LEACH *in* Leach & Nodder, 1815

selene-group

selene-subgroup

selene (HÜBNER, 1807) (S Thailand / S Myanmar)

seitzi-subgroup

seitzi pahangensis BRECHLIN, 2012 (W Malaysia)

maenas-group

maenas DOUBLEDAY, 1847 (S Thailand / S Myanmar)

maenas saja VAN ECKE, 1913 (West Malaysia)

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

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

paphia/frithi-group

paphia/frithi-subgroup

frithi-complex

cf. *frithi* MOORE, 1859 (S Myanmar / S. Thailand)

myanmarensis PAUKSTADT, PAUKSTADT & BROSCHE, 1998 (S Myanmar)

steinkeorum PAUKSTADT, PAUKSTADT & BROSCHE, 1999 (S Thailand / S Myanmar)

ulrichbrotschi PAUKSTADT & PAUKSTADT, 1999 (West Malaysia)

ranongensis PAUKSTADT & PAUKSTADT, 2010 (S Thailand / S Myanmar)

cameronensis PAUKSTADT & PAUKSTADT, 2022 (Malay Peninsula)

gentingensis PAUKSTADT & PAUKSTADT, 2022 (West Malaysia)

platessa-complex

platessa ROTHSCILD, 1903 (Malay Peninsula)

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

cordifolia/rosieri-complex

rosieri (TOXOPEUS, 1940) (West Malaysia)

larissa-subgroup of the *paphia/frithi*-group

larissa-complex of the *larissa*-subgroup

larissa ridlyi MOORE, 1892 (Malay Peninsula)

helferi-group

helferi-subgroup

malakkana BRECHLIN, 2022 (Malay Peninsula)

yamamai-subgroup

diehli LEMAIRE, 1979 (West Malaysia)

pernyi-group

lampei NÄSSIG & HOLLOWAY, 1989 (Malay Peninsula)

pahangensis BRECHLIN & PAUKSTADT, 2010 (West Malaysia)

Subgenus *Antheraeopsis* WOOD-MASON, 1886

assamensis-group

tenasserimensis PAUKSTADT & PAUKSTADT, 2013 (S Thailand and S Myanmar)

youngi-group

brunnea VAN EECKE, 1921 (West Malaysia)

Genus *Cricula* WALKER, 1855

trifenestrata-group

cameronensis PAUKSTADT & PAUKSTADT, 1998 (West Malaysia)

elaezia-group

magnifenestrata elaeziopahangensis Brechlin, 2010 (West Malaysia)

Genus *Loepa* MOORE, 1859

katinka-group

katinka-subgroup of the *katinka*-group

lampei PAUKSTADT, PAUKSTADT & BRECHLIN, 2011 (West Malaysia)

sikkima-subgroup of the *katinka*-group

siamensis malayensis BRECHLIN, 2010 (Malay Peninsula)

miranda-group

miranda-subgroup

vanschaycki BRECHLIN, 2012 (West Malaysia)

Genus *Lemaireia* NÄSSIG & HOLLOWAY in Holloway, 1987

loepoides-group

loepoides (BUTLER, 1880) (West Malaysia)

Genus *Saturnia* VON PAULA SCHRANK, 1802

Subgenus *Saturnia* VON PAULA SCHRANK, 1802

cameronensis LEMAIRE, 1979 (West Malaysia)

Subgenus *Rinaca* WALKER, 1855

thibeta pahangensis PAUKSTADT & PAUKSTADT, 2005 (West Malaysia)

Remarks: Further taxa were recorded in literature from the Malay Peninsula, but are occasionally not listed in above checklist for certain locations because reports are considered either based on misidentifications or mislabeled specimens or a confirmation with fresh material is pending. Those are (below list might be incomplete):

1. Barlow (1982) listed the following taxa from West Malaysia: *Samia cynthia* DRURY [sic], *S. borneensis* REBEL [sic], *Loepa sikkima* MOORE *et al.* [sic], *Antheraea helferi borneensis* MOORE, and *A. jana* CRAMER [sic] which are considered being misidentified.
2. Holloway in Barlow (1982) listed the following taxa from West Malaysia: *Samia cynthia* DRURY [sic], *S. borneensis* REBEL [sic], *Loepa sikkima* MOORE, *L. megacore* JORDAN, *L. katinka* WESTWOOD [sic], *Antheraea helferi borneensis* MOORE which are considered being misidentified.
3. Lampe (1984) listed the following taxa from West Malaysia: *Archaeoattacus edwardsii* WHITE, 1859 [sic], *Samia cynthia* DRURY, 1773 [sic], *S. borneensis* REBEL, 1926 [sic], *Antheraea celebensis* WATSON, 1915, *A. helferi borneensis* MOORE, 1858 [sic], *A. jana fusca* ROTHSCHILD, 1903, *A. pernyi* GUÉRIN-MÉNEVILLE, 1855 [sic], *A. roylei korintjiana* BOUVIER, 1928, *Loepa megacore* JORDAN, 1911, *L. sikkima* MOORE, 1865 [sic], *Actias selene* HÜBNER, 1806 [sic], *Caligula* [sic] *extensa* BUTLER, 1881 [sic], and *Cricula trifenestrata* HELFER, 1837 [sic] which are considered being misidentified since records mostly copied unproven from earlier authors.
4. Holloway (1987) listed the following taxa from West Malaysia: *Antheraea helferi* MOORE, *A. jana* STOLL [sic], *A. korintjiana* BOUVIER, *A. celebensis* *gswandneri* NIEPELT [sic], *Actias selene* HUBNER [sic], *Loepa sikkima* MOORE, *L. megacore* JORDAN, *Cricula trifenestrata* HELFER [sic], and *C. elaezia* JORDAN which are considered being misidentified.
5. Paukstadt & Paukstadt (2005) listed the following taxa from West Malaysia: *Archaeoattacus edwardsii* (WHITE, 1859), *Actias selene* (HÜBNER, 1806 [sic]), *Antheraea* (A.) *broschi* NAUMANN, 2001, *A. (A.) roylei* MOORE, 1859, *A. (A.) helferi* MOORE, 1859, *Loepa sikkima* ATKINSON in Moore, 1866 ("1865"), *L. megacore* JORDAN, 1911, and *Cricula elaezia* JORDAN, 1909 which are considered being misidentified.

6. *Antheraea* (A.) *broschi* NAUMANN, 2001 from West Malaysia, cf. Naumann (2001).
7. *Antheraea* (A.) *gschwandneri* NIEPOLT in Strand, 1918 from S Thailand and S Myanmar, cf. Naumann (2001).
8. *Antheraea* (A.) *steinkeorum* PAUKSTADT, PAUKSTADT & BROSCHE, 1999 from West Malaysia, cf. Naumann (2001).
9. *Antheraea* (A.) *vietnamensis* BRECHLIN & PAUKSTADT, 2010 from South Myanmar, cf. Brechlin & Paukstadt (2010), confirmation by DNA barcoding (BOLD) pending.

Remarks: *Cricula trifenestrata* (HELPER, 1837) has been repeatedly recorded from West Malaysia but the true identity of the recorded specimens remains obscure. In the past this particular *trifenestrata*-group taxon might be confused with the closely related *C. cameronensis* PAUKSTADT & PAUKSTADT, 1998 which has been described from the Cameron Highlands of West Malaysia.

Zoogeographie

Die westmalaiische Halbinsel allgemein und insbesondere die vertikal isoliert liegenden Cameron Highlands und die Genting Highlands repräsentieren ein zoogeographisch hochinteressantes Gebiet mit einem vergleichsweise hohen Anteil endemischer Arten. Bei den Faunen und Floren der orientalischen Region sind deutliche Verbreitungsbarrieren zwischen denen der malaiischen Halbinsel und dem asiatischen Festland durch den Isthmus von Kra und zur Inselwelt des malaiischen Archipels durch die Strasse von Malakka, die Strasse von Singapore und das Südchinesische Meer vorhanden, vgl. Paukstadt, Suhardjono & Paukstadt (2003) und Paukstadt & Paukstadt (2004a, 2004b). Neben einer zoogeographischen Einstufung der malaiischen Halbinsel als ein mögliches Randisolat des asiatischen Kontinents stellt Peninsular Malaysia für viele Taxa nicht nur eine deutliche Pufferzone für die kontinentalen und die insularen Faunen dar, sondern die Verbreitungsmuster der Saturniiden lassen bei einigen Gattungen auch Ausstrahlungen der jeweiligen Faunengebiete in dieses Isolat hinein erkennen. Wiederholte Glaziale und Interglaziale während der letzten 2.000.000 Jahre waren eindeutig die Ursache für die rezenten zoogeographischen Verhältnisse in Südostasien, insbesondere für die Bildung von regionalspezifischen Verbreitungsräumen für verschiedene eurasische Tier- und Pflanzenarten in der malaiischen Region. Für die Entstehung der rezenten Diversität und der Verbreitungsmuster bei den Saturniiden dürfte der deutlich kürzere Zeitraum zu Beginn der Warmzeit, also der Zeitraum ab der Postglaziale ausreichend gewesen sein, als mit steigendem Meeresspiegel die geographische Isolation einzelner Regionen bzw. Kontinentalinseln zu unterschiedlichen Zeiten einsetzte. Der

Zeitpunkt der geographischen Isolation war abhängig von der damaligen Höhe der trocken gefallen Regionen auf dem Sundaschelf und lässt sich rezent mittels der aktuellen Meerestiefen rekonstruieren. Diese sind auch ein Indiz dafür, dass sich die heutigen südostasiatischen Kontinentalinseln wie Java, Sumatra und Borneo zu unterschiedlichen Zeiten vom Festland getrennt und isoliert hatten.

Zoogeography

The Malay Peninsula, but especially the vertically isolated Cameron Highlands and the Genting Highlands, represent an area of great zoogeographical interest with a comparatively high proportion of endemic species. In the case of the fauna and flora of the oriental region, there are clear distribution barriers between those on the Malay Peninsula and the Asian mainland through the Isthmus of Kra and to the islands of the Malay Archipelago through the Strait of Malacca, the Singapore Strait, and the South China Sea, cf. Paukstadt, Suhardjono & Paukstadt (2003) and Paukstadt & Paukstadt (2004a, 2004b). In addition to a zoogeographic classification of the Malay Peninsula as a possible “marginal isolate” of the Asian continent, Peninsular Malaysia not only represents a clear buffer zone for the continental and insular faunas for many taxa, but the distribution patterns of the Saturniids also allow for radiation from the respective faunal areas in some genera into this region which is geographically isolated today. Repeated glacials and interglacials during the last 2,000,000 years have clearly been the cause of the recent zoogeographical conditions in Southeast Asia, in particular for the formation of region-specific distribution areas for various Eurasian animal and plant species in the Malay region. The significantly shorter period at the beginning of the interglacial period, i.e. the period from the postglacial period, should have been sufficient for the emergence of the recent diversity and the distribution pattern among the Saturniids. The geographic isolation of individual regions or continental islands began at different times with rising sea levels. The point in time at which isolation began depended on the height of the dry regions on the Sunda shelf at that time and can be reconstructed using the current sea depths. These are also an indication that today’s continental islands in Southeast Asia like Java, Sumatra and Borneo were isolated from the mainland at different times.

Literatur

- Barlow, H. S. (1982): An introduction to the moths of South East Asia (with a taxonomic appendix by J. D. Holloway: pp. 174–253 and genitalia-figs.). – Malaysian Nature Society (Kuala Lumpur); ix + 305 pp.; 50 col.-pls.
- Billberg G. J. (1820): Enumeratio insectorum in museo Gust. Joh. Billberg. Typus Gadelianus; 138 pp.
- 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. (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".
- Brechlin, R. (2010a): Neue Taxa der Gattung *Loepa* MOORE, 1859 (Lepidoptera: Saturniidae). – Entomo-Satsphingia, 3 (1): pp. 22-33, 4 col.-pls. (with 32 figs.). [the paper is considered being unpublished for the purposes of zoological nomenclature, cf. Nässig, Kitching, Peigler & Treadaway (2010: 145-165)]
- Brechlin, R. (2010b): Neue Taxa der Gattung *Loepa* MOORE, 1859 (Lepidoptera: Saturniidae). – Entomo-Satsphingia, 3 (1): pp. 23-35, 4 col.-pls. (with 32 figs.).
- Brechlin, R. (2010a): Neue Taxa der Gattung *Cricula* WALKER, 1855 (Lepidoptera: Saturniidae). – Entomo-Satsphingia, 3 (1): pp. 34-41, 2 col.-pls. (with 20 figs.). [The paper is considered being unpublished for the purposes of zoological nomenclature, cf. Nässig, Kitching, Peigler & Treadaway (2010: 145-165).]
- Brechlin, R. (2010b): Neue Taxa der Gattung *Cricula* WALKER, 1855 (Lepidoptera: Saturniidae). – Entomo-Satsphingia, 3 (1): pp. 36-44, 2 col.-pls. (with 20 figs.). [The paper is considered being published for the purposes of zoological nomenclature dated 26.i.2010, cf. Nässig, Kitching, Peigler & Treadaway (2010: 145-165).]
- Brechlin, R. (2012): Sechs neue Arten der Gattung *Actias* LEACH, 1815 aus Südostasien (Lepidoptera: Saturniidae). – Entomo-Satsphingia, 5 (3), 31.11.2012: pp. 41-51; 4 col.-pls. (32 figs.).
- Brechlin, R. (2012): Eine neue Art der *miranda*-Gruppe der Gattung *Loepa* MOORE, 1859 (Lepidoptera: Saturniidae). – Entomo-Satsphingia, 5 (3), 31.11.2012: pp. 61-62, 2 col. figs.
- Brechlin, R. (2014): Sechs neue Arten der Gattung *Antheraea* HÜBNER, 1819 („1816") (Lepidoptera: Saturniidae). – Entomo-Satsphingia, 7 (1), 20.01.2014: pp. 32-40; 3 col.-pls. (18 figs.).

- Brechlin, R. (2022): Sechs neue Arten der Gattung *Antheraea* HÜBNER, 1819 [„1816”] (Lepidoptera: Saturniidae). – Entomo-Satsphingia . Entomologische Beiträge, Jahrgang 15 Heft 02, 21.06.2022: pp. 16-24, 3 col.-pls. (24 figs.).
- Brechlin, R. & Paukstadt, U. (2010): Einige Anmerkungen zur *pernyi*-Gruppe der Gattung *Antheraea* HÜBNER, 1819 [„1816“] mit Beschreibungen neuer Arten (Lepidoptera: Saturniidae). – Entomo-Satsphingia, 3 (2): pp. 5-12, 3 col.-pls. (23 col.-figs. and 1 b/w-fig.).
- Butler, A. G. (1880): Descriptions of new Species of Asiatic Lepidoptera Heterocera. – The Annals and Magazine of Natural History (London), Vol. 6 of 5th series, 1880: pp. 61-69.
- [Denis & Schiffermüller] (1775): Systematisches Verzeichnis der Schmetterlinge der Wienergegend herausgegeben von einigen Lehrern. – Augustin Bernardi (Wien).
- Doubleday, E. (1847): Description of a new species of the genus *Actias* of Hübner, from northern India. – The Annals and Magazine of Natural History (London), XIX: pp. 95-96, pl. VII.
- Drury, D. (1773): Illustration of Natural History. Wherein are exhibited Upwards of Two Hundred Figures of Exotic Insects, According to their different Genera, Vol. II. – B. White (London); 1 (index): xiii pp.; 2: vii + 90 pp.; 50 col.-pls.
- Eecke Van, R. (1913): Note VII. On the varieties of *Actias maenas*, DOUBLD. – Notes from the Leyden Museum (Leyden), Vol. XXXV: pp. 132-139, 1 text-fig; pls. 3-6.
- Eecke Van, R. (1921): *Antheraea brunnea*, nov. spec. – Zoologische Mededeelingen (Leiden), VI (2/3): pp. 99-100; pl. 2 fig. 3.
- Fruhstorfer, H. (1904): Neue *Attacus atlas* Formen. – Societas entomologica, 18 (22): pp. 169–170.
- Guérin-Méneville, T.-E. (1855): Sur le Ver a soie du chène et son introduction en Europe, travail lu à l’Académie des Sciences, dans sa séance du 28 mai 1855. – Revue et Magasin de Zoologie pure et appliquée. Recueil Mensuel (Paris), 2^e série, VII: pp. 292–301, 398-400; pl. VI.
- Helfer, T. W. (1837): On the indigenous Silkworms of India. – The Journal of the Asiatic Society of Bengal (Calcutta), VI (I): pp. 38-47; pls. V-VI.
- Holloway, J. D. (1987): The moths of Borneo, part 3, Lasiocampidae, Eupterotidae, Bombycidae, Brahmaeidae, Saturniidae, Sphingidae. – Southdene Sdn. Bhd. (Kuala Lumpur); 199 pp.; 5 text-figs., 18 b/w-pls. (163 figs.), 20 col.-pls.
- Hope, F. W. (1843): On some rare and beautiful Insects from Silhet, chiefly in the Collection of FREDERICK JOHN PARRY, Esq., F. L. S., &c. – The Transactions of the Linnean Society of London (London), Vol. XIX, 1843: pp. 131-136, pls. XI-XII.
- Hübner, J. (1806–[1823]): Sammlung exotischer Schmetterlinge. Vol. I. – J. Hübner (Augsburg); [36] pp., [213] pls.

- Hübner, J. (1816-[“1826”]): Verzeichnis bekannter Schmettlinge. – J. Hübner (Augsburg); 431 + 72 pp.
- International Trust of Zoological Nomenclature (1999): International Code of Zoological Nomenclature. Fourth Edition (London); 306 pp.
- ICZN (1957): Opinion 450 Suppression under the Plenary Powers of the generic name *Phalaena* Linnaeus, 1758, and validation as of subgeneric status (a) as from 1758, of the terms *Bombyx*, *Noctua*, *Geometra*, *Tortrix*, *Pyralis*, *Tinea*, and *Alucita* as used by Linnaeus for groups of species of the genus *Phalaena* and (B) as from 1767 of the term *Attacus* similarly published by Linnaeus and matters incidental thereto (class Insecta, order Lepidoptera). Opinions and Declarations rendered by the ICZN, 15(15): pp. 251-328.
- Jordan, K. (1909): On the species of *Cricula*, a genus of Saturniidae. – Novitates Zoologicae (Tring), 16: pp. 300-306.
- Jordan, K. (1911): 13. Familie: Saturnidae [sic], in: Seitz, A. (ed.) Die Gross-Schmetterlinge der Erde, 2: pp. 209-226; col.-pls.
- Kalis, J. P. A. (1934): Über javanische Heteroceren V. – Entomologische Rundschau, 51: pp. 209-210.
- Kirby, W. F. (1892): A synonymic catalogue of Lepidoptera Heterocera (Moths), Vol. 1. Sphinges and Bombyces. – Gurney & Jackson (London), R. Friedländer & Son (Berlin); xii + 591 pp.
- Kurosawa, Y. & Kishida, Y. (1984): A new subspecies of *Attacus edwardsii* from the Malay Peninsula (Lepidoptera, Saturniidae). – Tyô to Ga (Tokyo), 35 (3): pp. 132-134.
- Lampe, R. [E. J.] (1984): Die Saturniiden der Cameron- und Genting-Highlands in West-Malaysia (Lepidoptera: Saturniidae). – Neue Entomologische Nachrichten (Keltern), 11: pp. 2-15; 8 col.-pls.
- Lampe, R. E. (1985): Malayan Saturniidae. From the Cameron & Genting Highlands. A guide for collectors. – E. W. Classey (Farington); 16 pp. + 8 col.-pls.
- Lampe, R. E. J. & Pinratana, Bro. Amnuay (1990): Moths of Thailand . Vol. one . Saturniidae. – Brothers of St. Gabriel in Thailand; v + 47 pp., 1 line drawing, 1 map, 4 phot. h.-t., 44 col.-pls. (65 figs.).
- Leach, W. P. in Leach, W. P. & Nodder, R. P. (1815): The Zoological Miscellany; being Descriptions of new, or interesting Animals. Vol. II. – McMillan (London); 154 pp., col.-pls. 61-120.
- Lemaire, C. (1979): Descriptions de trois Attacidae Indo-Australiens. – Lambillionea, LXXVIII (11-12): pp. 89-96; 5 figs.
- 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.
- Moore, F. (1859): Synopsis of the known Asiatic species of Silk-producing Moths, with descriptions of some New Species from India. – Proceedings of the Scientific Meetings of the Zoological Society of London (London), XXVII: pp. 237-270; *Annulosa*, pls. LXIV-LXV.
- Moore, F. (1858-59 [1860]): A Catalogue of the Lepidopterous Insects in the Museum of Natural History at The East-India House, Vol. II.
- Moore, F. (1862): On the Asiatic Silk-producing Moths. – Transactions of the Entomological Society of London (London), (3) I (IV): pp. 313-322.
- Moore, F. (1865): XX. Descriptions of New Species of Bombyces from North Eastern India. – Transactions of the Entomological Society of London (London), (3) II (V): pp. 423-425; pl. XXII.
- Moore, F. (1866 [“1865”]): On the Lepidopterous Insects of Bengal. – Proceedings of the Scientific Meetings of the Zoological Society of London (London), LIII, 1865: pp. 755-823; col.-pls. XLI-XLIII.
- Moore, F. (1892): Descriptions of some new Species of Asiatic Saturniidae. – The Annals and Magazine of Natural History including Zoology, Botany and Geology (London), 9 (6): pp. 448-453.
- Nässig, W. A. (1991): New morphological aspects of *Antheraea* HÜBNER and attempts towards a reclassification of the genus (Lepidoptera, Saturniidae). – Wild Silkmoths ‘89/’90 (eds. H. Akai & M. Kiuchi): pp. 1-8, 4 figs.
- Nässig, W. A. (1994): Notes on the systematics of the *maenas*-group of the genus *Actias* LEACH 1815 (Lepidoptera: Saturniidae). – Nachrichten des Entomologischen Vereins Apollo (Frankfurt am Main), N.F. 15 (3): pp. 327-338.
- Nässig, W. A. & Holloway, J. D. (1988): On the systematic position of “*Syntherata*” *loepoides* BUTLER and its allies (Lep., Saturniidae). – Heterocera Sumatrana (Göttingen), 2 (6): pp. 115-127; 15 [+11] figs. [part. in col.].
- Nässig, W. A. & Holloway, J. D. (1989): A new species of *Antheraea* from Sumatra, West Malaysia, and Borneo (Lepidoptera, Saturniidae). – Heterocera Sumatrana (Göttingen), 2 (7): 185-190; col. pl. (9 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.).

- Nässig, W. A. & Wang M. (2006): First record of the saturniid genus *Lemaireia* NÄSSIG & HOLLOWAY, 1987 from Hainan island (PR China with the description of a new species (Lepidoptera: Saturniidae). – Nachrichten des Entomologischen Vereins Apollo (Frankfurt am Main), N.F. 27 (1/2): pp. 23-25, 1 col-fig. and 1 b/w-fig.
- Naumann, S. (1995): Die Saturniiden-Fauna von Sulawesi, Indonesien (thesis). – Freie Universität Berlin; 145 pp.; 15 col.-pls., 2 b/w-pls.
- Naumann, S. (2001): Notes on some *Antheraea* of Sundaland, with description of a new species (Lepidoptera: Saturniidae). – Nachrichten des Entomologischen Vereins Apollo (Frankfurt am Main), N.F. 22 (1): pp. 67-74; 16 col.-figs., 9 phot. h.-t.
- Naumann, S. & Löffler, S. (2010): Notes on the Asian genus *Cricula* WALKER, 1855, with description of new species (Lepidoptera, Saturniidae). – Neue Entomologische Nachrichten . Beiträge zur Ökologie, Faunistik und systematic von Lepidopteren, Supplement 2: pp. 1-24; 11 col.-pls. (146 figs.).
- Naumann, S. & Löffler, (2012): Taxonomic notes on the group of *Loepa miranda*, 1: The subgroup of *Loepa yunnana* (Lepidoptera: Saturniidae). – Nachrichten des Entomologischen Vereins Apollo (Frankfurt am Main), N.F. 33 (2/3): pp. 57-68; 3 col.-pls. (with 39 figs.), 1 table, 1 map, 3 text-figs. (diagrams / initial tree).
- Naumann, S. & Peigler, R. S. (2001): Four new species of the silkmoth genus *Samia* (Lepidoptera: Saturniidae). – Nachrichten des Entomologischen Vereins Apollo (Frankfurt am Main), N.F. 22 (2): pp. 75–83; col.-pl. (8 figs.), b/w-pl. (4 figs.).
- Niepelt, W. in Strand (1918): Nachträge zu Lepidoptera Niepeltiana. – Niepeltiana. Abbildungen und Beschreibungen neuer und wenig bekannter Lepidoptera aus der Sammlung W. Niepelt, September 1918: pp. 1-4, pl. XVIII.
- Packard, A. S. (1914): Monograph of the bombycine moths of North America, including their transformations and origin of the larval markings and armature, part 3 (edit. by Cockerell): Families Ceratocampidae (exclusive of Ceratocampinae), Saturniidae, Hemileucidae, and Brahmaeidae. – Memoirs of the National Academy of Sciences, 12 (1): ix + 516 pp, incl. 113 pls., 32 col.
- Paukstadt, U., Brosch, U. & Paukstadt, L. H. (1999a): Taxonomische Anmerkungen zu *Antheraea* (*Antheraeopsis*) *mezops* BRYK 1944 (rev. stat.), von Myanmar und Vietnam, sowie die Beschreibung des unbekannten Weibchens (Lepidoptera: Saturniidae). – Entomologische Zeitschrift (Stuttgart), 109 (11): pp. 450-457; 3 figs.
- Paukstadt, U., Brosch, U. & Paukstadt, L. H. (1999b): *Antheraea* (*Antheraea*) *schroederi* n. sp., eine neue Saturniide von den Philippinen (Lepidoptera: Saturniidae). – Galathea – Berichte des Kreises Nürnberger Entomologen eV (Nürnberg), Supplement 6: pp. 23-32; col.-pl. (4 figs.).
- Paukstadt, U. & Paukstadt, L. H. (1998): *Cricula trifenestrata cameronensis* n. subsp., eine neue Unterart der Gattung *Cricula* WALKER 1855 aus West Malaysia (Lepidoptera: Saturniidae). – Entomologische Zeitschrift (Essen), 108 (4): pp. 129-141; col.-pl. with 8 figs., 7 b&w figs.

- Paukstadt, U. & Paukstadt, L. H. (1999): *Antheraea (Antheraea) ulrichbroschi* n. sp., eine neue Saturniide von West Malaysia (Lepidoptera: Saturniidae). – Galathea – Berichte des Kreises Nürnberger Entomologen eV (Nürnberg), Suppl. 6: pp. 90-98; col.-pl. with 4 figs.
- Paukstadt, U. & Paukstadt, L. H. (2004a): Zur Verbreitung der südostasiatischen wilden Seidenspinner, sowie ein Diskussionsbeitrag zu den zoogeographischen Zonen im indonesischen Archipel (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 2 (1): pp. 3-55; 4 tables, 36 maps.
- Paukstadt, U. & Paukstadt, L. H. (2004b): An introduction to the wild silkmoths of the Oriental Region, with special reference to Peninsular Malaysia – Part 1 (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 2 (3): pp. 111-188.
- Paukstadt, U. & Paukstadt, L. H. (2005a): *Saturnia (Rinaca) pahangensis* subsp. nov., ein neuer wilder Seidenspinner aus den Cameron Highlands, Malaysia (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 3 (1): pp. 3–20; 2 col.-pl. (9 figs.), 1 b/w-pl. (7 [+7] figs.).
- Paukstadt, U. & Paukstadt, L. H. (2005b): An introduction to the wild silkmoths of the Oriental Region, with special reference to Peninsular Malaysia – Part 2 (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 3 (2): pp. 51-124; 15 col.-pls. (105 figs.), 6 monochrome-pls. (31 figs.), 5 b/w-pls. (21 figs.), and 4 maps.
- Paukstadt, U. & Paukstadt, L. H. (2010): *Antheraea (Antheraea) ranongensis* sp. nov., eine neue Saturniide von Thailand (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 8 (2): pp. 65-74, 1 col.-pl. (2 figs.), 1 b/w-pl. (3 figs.).
- Paukstadt, U. & Paukstadt, L. H. (2013b): Drei neue Unterarten der Untergattung *Antheraeopsis* WOOD-MASON, 1886 der Gattung *Antheraea* HÜBNER, 1819 („1816“) von den Philippinen (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 11 (3): pp. 119-137; 15 col.-figs., 1 diagram.
- Paukstadt, U. & Paukstadt, L. H. (2013c): Zwei neue Arten der Untergattung *Antheraeopsis* WOOD-MASON, 1886 der Gattung *Antheraea* HÜBNER, 1819 („1816“) vom südostasiatischen Festland (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 11 (4): pp. 152-174; 12 col.-figs., 1 diagram.
- Paukstadt, U. & Paukstadt, L. H. (2018): Zur Morphologie des Flügelgeäders bei der Gattung *Antheraea* HÜBNER, 1819 („1816“) – Teil I (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 16 (3): pp. 71-100; 1 line drawing, 2 phot. h.-t.

- Paukstadt, U. & Paukstadt, L. H. (2019): A Preliminary Annotated Checklist of the Indonesian Wild Silkmoths – Part X. The genus *Cricula* WALKER, 1855: Part 1, Introduction (Lepidoptera: Saturniidae: Saturniinae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 17 (2): pp. 63-108, 5 maps.
- Paukstadt, U. & Paukstadt, L. H. (2022): *Antheraea* (*Antheraea*) *cameronensis* sp. nov. und *Antheraea* (*A.*) *gentingensis* sp. nov., zwei neue wilde Seidenspinner von der Malaiischen Halbinsel (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 20 (4): pp. 107-123; 8 col.-figs.
- Paukstadt, U. & Paukstadt, L. H. (2022): Taxonomische Änderungen bei den Taxa der Untergattung *Antheraea* HÜBNER, 1819 [„1816“] von Südostasien und Beschreibungen neuer Taxa (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 20 (5): pp. 151-175; 17 col.-figs., 2 line drawings, 1 map.
- Paukstadt, U. & Paukstadt, L. H. (2022): Eine aktualisierte Checkliste der Saturniiden von Sumatra, Indonesien (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 20 (8): pp. 259-277.
- Paukstadt, U., Paukstadt, L. H. & Brechlin, R. (2011): *Loepa lampei* sp. nov., ein neuer wilder Seidenspinner von der malaiischen Halbinsel (Lepidoptera: Saturniidae). – Beiträge zur Kenntnis der wilden Seidenspinner (Wilhelmshaven), 9 (6): pp. 247-257, 5 col.-figs.
- Paukstadt, U., Paukstadt, L. H. & Brosch, U. (1998a): *Antheraea* (*Antheraea*) *myanmarensis* n. sp., eine neue Saturniide von Südostasien (Lepidoptera: Saturniidae). – Entomologische Zeitschrift (Essen), 108 (2): pp. 57-64; col.-pl. (4 figs.), 3 b/w-figs.
- Paukstadt, U., Paukstadt, L. H. & Brosch, U. (1998b): Taxonomische Änderungen und Anmerkungen zu den Taxa der Gattung *Antheraea* HÜBNER [1819] von Sumatra, Indonesien (Lepidoptera: Saturniidae). – Entomologische Zeitschrift (Essen), 108 (8): pp. 317-324.
- Paukstadt, U., Paukstadt, L. H. & Brosch, U. (1999): *Antheraea* (*Antheraea*) *steinkeorum* n. sp., eine neue Saturniide von Südostasien (Lepidoptera: Saturniidae). – Galathea – Berichte des Kreises Nürnberger Entomologen eV (Nürnberg), Suppl. 6: pp. 81-89; col.-pl. with 4 figs.
- Paukstadt, U., Suhardjono & Paukstadt, L. H. (2003): Notes on the distribution of the genus *Antheraea* HÜBNER, 1819 (“1816”) and of some selected hosts of the larvae of this genus in Indonesia (Lepidoptera: Saturniidae). – Galathea – Berichte des Kreises Nürnberger Entomologen eV (Nürnberg), Supplement 14: pp. 25-64; 4 tab., 11 distr.-maps.
- Rebel, H. (1924): Bericht der Sektion für Lepidopterologie, Versammlung am 4. Mai 1923. – Verhandlungen der Zoologisch-botanischen Gesellschaft in Wien (Wien), 73, 1923: pp. 108-112.
- Rothschild, W. (1903): Some new butterflies and moths. – Novitates Zoologicae (Tring), 10: pp. 309-312.

- 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.
- Schrank, F. von Paula (1802): *Favna Boica. durchgedachte Geschichte der in Baiern einheimischen und zahmen Thiere.* – Kruell (Ingolstadt), 2 (2): 406 pp.
- Stoll, C. [1782] in Cramer, P. (1782): *De Uitlandsche Kapellen Voorkomende in de drie waereld-Deelen Asia, Africa en America, by een verzameld en beschreeven.* IV. Deel, pts. 32–34. Beschrijving van Plat CCCLXXIII–CCCC. – Chez S. J. Baalde (Amsterdam), Chez Barthelemy Wild (Utrecht); pp. 165-252, col.-pls. CCCLXXIII–CCCC [authorship and publication date according to ICZN-Opinion 516].
- Toxopeus, L. J. (1940): On two new Saturniidae from the Netherlands East Indies. – *Ent. Med. Ned.-Indië*, 6 (3-4): pp. 59-61; 1 text-fig.
- 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. (1915): Some new forms of Malayan Saturnidae [sic!]. – *Tijdschrift voor Entomologie* uitgegeven door de Nederlandsche entomologische Vereeniging (Leiden, Harlem), LVIII: pp. 279-280.
- Westwood, J. O. (1848): *The Cabinet of Oriental Entomology; being a selection of some of the rarer and more beautiful species of insects, natives of India and the adjacent islands, the greater portion of which are now for the first time described and figured.* – William Smith (London); 2 + 88 pp., 42 col.-pls.
- Westwood, J. O. (1853): Descriptions of some new species of exotic Moths belonging or allied to the genus *Saturnia*. – *Proceedings of the scientific Meetings (of the general Meetings for scientific business) of the Zoological Society of London* (London), XXI, 1853 (no. CCLVIII): pp. 157–167, pl. XXXII–XXXIII.
- White, A. (1859): Description of an *Attacus* from the East Indies, hitherto apparently unrecorded. – *Proceedings of the Scientific Meetings of the Zoological Society of London* (London), XXVII, 1859: pp. 115–116.
- Wood-Mason, J. (1886): Report of the Superintendent, Indian Museum. Appendix D. List of Entomological Specimens sent to the Silk Court of the Colonial and Indian Exhibition, London, 1886. – *Annual Report and Lists of Accessions.* April 1885 to March 1886 (Calcutta): pp. 19-22.

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