

Seltene Aberrationen bei den Saturniiden Indonesiens (Lepidoptera: Saturniidae)

Rare aberrations at the wild silkmoths of Indonesia
(Lepidoptera: Saturniidae)

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Systematics: Insecta-; Lepidoptera-; Glossata-; Heteroneura-; Bombycoidea-; Saturniidae-; Saturniidae Boisduval, 1837 (“1834”)
Saturniidae-; Saturniinae Boisduval, 1837 (“1834”)
Saturniinae-; Saturniini Boisduval, 1837 (“1834”)

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

Saturniini-; *maenas*-group (sensu Nässig 1994)

Saturniini-; *maenas maenas* Doubleday, 1847

Saturniini-; *maenas diana* Maassen in Maassen [& Weymer], 1872

Saturniini-; *maenas saja* van Eecke, 1913

Saturniini-; *Antheraea* Hübner, 1819 (“1816”)

Saturniini-; *Antheraea* Hübner, 1819 (“1816”); STATUS; subgenus of *Antheraea* Hübner, 1819 (“1816”)

Saturniini-; *mylitta/frithi*-group (sensu Paukstadt, Brosch & Paukstadt 1999); STATUS; tentative collective group-name

Saturniini-; *paphia/frithi*-group (sensu Nässig 1991); STATUS; misinterpretation [partim]; STATUS; tentative collective group-name

Saturniini-; *frithi*-subgroup (sensu Nässig 1991); STATUS; tentative collective group-name

Saturniini-; *jana* (Stoll, 1872)

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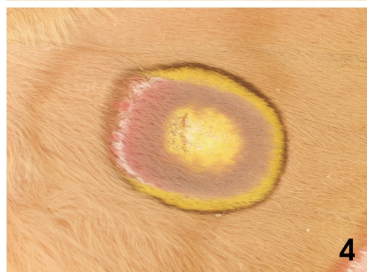
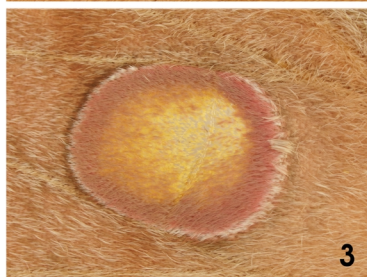
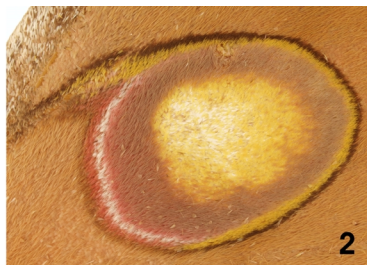
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Abstract: This paper is dealing with rare aberrations of the shape and coloration of wing ocelli, which were observed in the adults of the Indonesian wild silkmoths (Lepidoptera: Saturniidae). Reduced forewing ocelli and deformed hindwing ocelli were observed in *Actias maenas saja* VAN EECKE, 1913, a taxon of the *maenas*-group (sensu Nässig 1994) from the Nanggroe Aceh Darussalam Province, Sumatra. A female adult of *Antheraea (Antheraea) jana* (STOLL, 1872), a taxon of the *frithi*-subgroup (sensu Nässig 1991) of the *mylitta/frithi*-group (sensu Paukstadt, Brosch & Paukstadt 1999) from eastern Java was found without transparent hyaline center in the forewings and hindwings. The hyaline center are dorsal densely covered with yellow scales and ventral covered with yellow and pink scales instead. Above mentioned aberrations are illustrated in color herein.

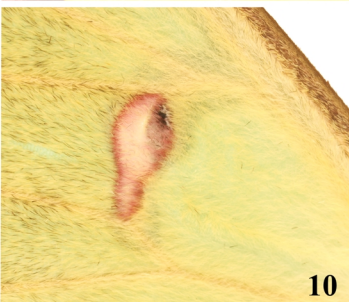
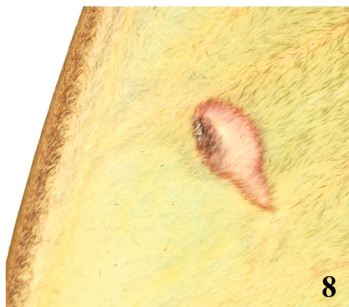
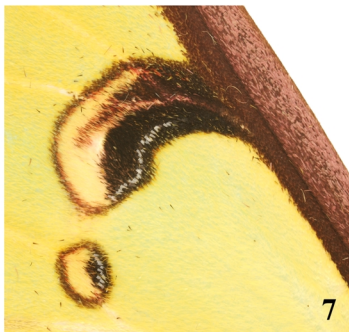
Einleitung: In diesem Beitrag zur Kenntnis der wilden Seidenspinner (Lepidoptera: Saturniidae) des indonesischen Archipels werden einige seltene und ungewöhnliche Aberrationen vorgestellt, die bei Imagines von *Actias maenas saja* VAN EECKE, 1913 aus der Provinz Nanggroe Aceh Darussalam, Sumatra und bei *Antheraea (Antheraea) jana* (STOLL, 1872) aus der Provinz Ost Java beobachtet wurden. Es handelt sich hier um reduzierte Vorderflügelocellen bei ♀ von *maenas saja* und aberrative Hinterflügelocellen bei ♂ von *maenas saja*. Bei einem ♀ von *Antheraea (Antheraea) jana* (STOLL, 1872) aus der Provinz Ost Java sind die üblicherweise hyalinen Zentren der Vorder- und Hinterflügel dorsal mit gelben und ventral mit gelben und rosa Schuppen gefüllt und verlieren dadurch ihre Transparenz. Die hier beschriebenen Aberrationen werden in Farbe abgebildet.



Scale bar of fig. 1 = 10 mm



COLOR PLATE 1 (figs. 1–5). ♀ *Antheraea* (*A.*) *jana* (STOLL, 1873), Indonesia, East Java Province, Mt. Argapuro. Aberration of wing ocelli. 1) ♀ adult, dorsal view, 2–3) forewing ocellus, 2) dorsally and 3) ventrally, 4–5) hindwing ocellus, 4) dorsally and 5) ventrally. Fig. 1 scale 1:1 as per attached scale bar, figs. 2–5 enlarged. Pictures by U. Paukstadt.

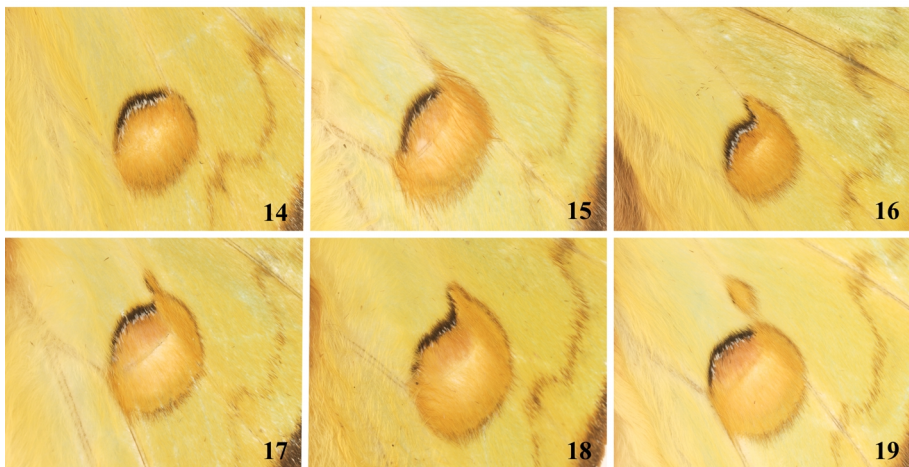


COLOR PLATE 2

COLOR PLATE 2 (figs. 6–10). *Actias maenas saja* VAN EECKE, 1913, Nanggroe Aceh Darussalam Province, Indonesia. 6–10) aberrations in ♀ forewing ocelli.

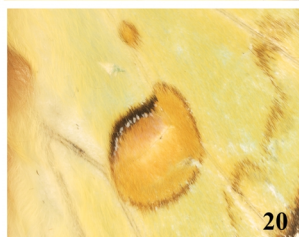


Figs. 11–13 scale bar = 10 mm



Figs. 14–20 scale bar = 10 mm

COLOR PLATE 3 (figs. 11–20). *Actias maenas saja* VAN EECKE, 1913, Nanggroe Aceh Darussalam Province, Sumatra, Indonesia. 11–13) intraspecific variation in the ♀ forewing ocelli, and 14–20) variable aberration in ♂ hindwing ocelli. Pictures U. Paukstadt.



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