

Entomofauna

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Über südostasiatische Cerambycidae V.
The Philippine species of genus
Anoplophora Hope, 1839
(Coleoptera, Cerambycidae, Lamiinae, Lamiini)

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Abstract

A key is given, a subspecies of *Anoplophora lucipor* NEWMAN, 1842, *lumawigi* **subsp. nov.**, is described. *Anoplophora paralucipor* BREUNING, 1980, is considered a synonym of *Anoplophora asuanga* SCHULTZE, 1923.

Zusammenfassung

Ein Bestimmungsschlüssel wird gegeben, eine Subspezies von *Anoplophora lucipor* NEWMAN, 1842, *lumawigi* **subsp. nov.**, wird beschrieben. *Anoplophora paralucipor* BREUNING, 1980, wird als Synonym von *Anoplophora asuanga* SCHULTZE, 1923, festgestellt.

Key

- 1 Spots on surface ocre; mesosternal process basally prominent..... *mamaua* SCHULTZE, Mindoro
- Spots on surface white or withish..... 2

- 2 Elytra without sutural spots; each elytron with 6 discal spots in one longitudinal row and with 2 lateral spots in basal half..... *tianaca* SCHULTZE, Panay
- Elytra with sutural spots..... 3
- 3 Sutural spots very small and numerous. Each elytron with 9-12 squarish discal spots in one longitudinal row in middle of disc; lateral spots in one rather regular row extending nearly till apex. Mesosternal process basally prominent.....
..... *asuanga* SCHULTZE, Mindanao. Samar.
- Sutural spots big and few. Each elytron with 5-9 roundish discal spots in one longitudinal row situated towards lateral margin; 1-4 big lateral spots in lateral half. Elytra sometimes scattered more or less densely with many very small spots. Mesosternal process basally depressed..... 4
- 4 9 (rarely \pm 1) discal spots, the third of which collocated out of the row, towards lateral margin; the common sutural spots in median part as big as or bigger than neighbouring discal spots; 2 (δ) or 4 (η) lateral spots in basal half. Scape with micropuncture only..... *lucipor lucipor* NEWMAN, Luzon (Sorsogon)
- 5-8 big discal spots in a rather regular row; the common sutural spots in median part mostly much smaller than the neighbouring discal spots; 2, rarely 1 or 3, lateral spots in basal quarter. Scape distinctly punctate within the micropuncture..... *lucipor lumawigi* subsp.nov., Luzon (Mountain Province)

Anoplophora lucipor lucipor NEWMAN, 1842 (fig.1a-d)

Anoplophora lucipor NEWMAN, 1842, Entomol. 1:275.

Anoplophora lucipor, WESTWOOD, 1848, Cab.Orient.Ent.:60, pl.29, fig.7.

Anoplophora lucipor, LACORDAIRE, 1869, Gen.Col. 9:311.

Anoplophora lucipor, SCHULTZE, 1923, Philipp.Journ.Science 23:596, pl.1, fig.3.

Anoplophora lucipor BREUNING, 1944, Nov.Ent. 3.Suppl., 108:293.

WESTWOOD, SCHULTZE and BREUNING did redescriptions, rather differing one from another, what is not astoni-

shing seen the enormous variability of the design. In *lucipor lucipor* NEWMAN, 1842, the third spot of the discal row is constantly collocated out of the row towards the lateral margin, the spots are more numerous, the scape is not punctate within the micropuncture. The patria is Southern Luzon. Type in the British Museum, London. Sorsogon, IV-1980, LUMAWIG coll., 4 specimens.

Anoplophora lucipor lumawigi subsp. nov. (fig.2)

Specimens from Northern Luzon show a still higher variability. 5-8 spots in discal row, the third of which is not collocated out of the row, scape punctate. Luzon, Mountain Province, VI-VIII-1987, Holotype ♂, 4 Paratypes ♂♂ and 8 Paratypes ♀♀, coll. LUMAWIG, in author's collection.

Anoplophora mamaua SCHULTZE, 1923 (fig.1e-h)

Anoplophora mamaua SCHULTZE, 1923, Philipp. Journ. Science, 23:597, pl.1, fig.6.

Anoplophora mamaua BREUNING, l.c.

Described by SCHULTZE from Mindoro, the island southwest of Luzon (BREUNING's citation of Mindanao is erroneous). Close to *A. lucipor* NEWMAN, 1842, also with very variable design. Elytra with 2 (rarely 1) discal and two lateral spots in basal quarter, followed by 4 discolateral spots, the ultimate often divided into two. Sutural spots as big as discal and discolateral spots. Type in the collection of the Bureau of Science, Manila. Mindoro, LUMAWIG coll. many specimens, V-1978, IV-1981, VI-1981.

Anoplophora asuanga SCHULTZE, 1923 (fig.1i-m)

Anoplophora asuanga SCHULTZE, 1923, l.c.:597, pl.1, fig.7.

Anoplophora asuanga BREUNING, l.c.

Anoplophora paralucipor BREUNING, 1980, Mitt. Zool. Mus. Berlin, 56, 2:174 - **syn. nov.**

Anoplophora paralucipor, HÜDEPOHL, 1983, Ent. Arb. Mus. Frey, 31/32:186, fig.11.

Easily to distinguish from *lucipor* NEWMAN, 1842, by the

discal spots situated medially and not laterally on the disc, by the very small sutural spots, by the regular row of lateral spots and by the prominent mesosternal process. Described by SCHULTZE from Mindanao, Surigao. Type in the collection of the Bureau of Science, Manila. Mindanao, Agusan, I-1977, coll. LUMAWIG, 4 specimens. Samar, VI-1987, coll. LUMAWIG, 1 specimen.

Anoplophora tianaca SCHULTZE, 1923

Anoplophora tianaca SCHULTZE, 1923, l.c.: 597, pl. 1, fig. 8.
Anoplophora tianaca, BREUNING, l.c.

Described by SCHULTZE from Panay Island. Different from the other species by lack of sutural spots. Type in the collection of the Bureau of Science, Manila. Not known to the author.

Figures

Fig. 1 (p. 253): a & b - *Anoplophora lucipor lucipor* NEWMAN, ♂♂; c & d - *A. lucipor lucipor* NEWMAN, ♀♀; e & f - *A. mamaua* SCHULTZE, ♂♂; g & h - *A. mamaua* SCHULTZE, ♀♀; i & k - *A. asuanga* SCHULTZE, ♂ & ♀; l & m - *A. asuanga* SCHULTZE, ♀♀.

Fig. 2 (p. 254): Variability of *Anoplophora lucipor lumawigi* subsp. nov.

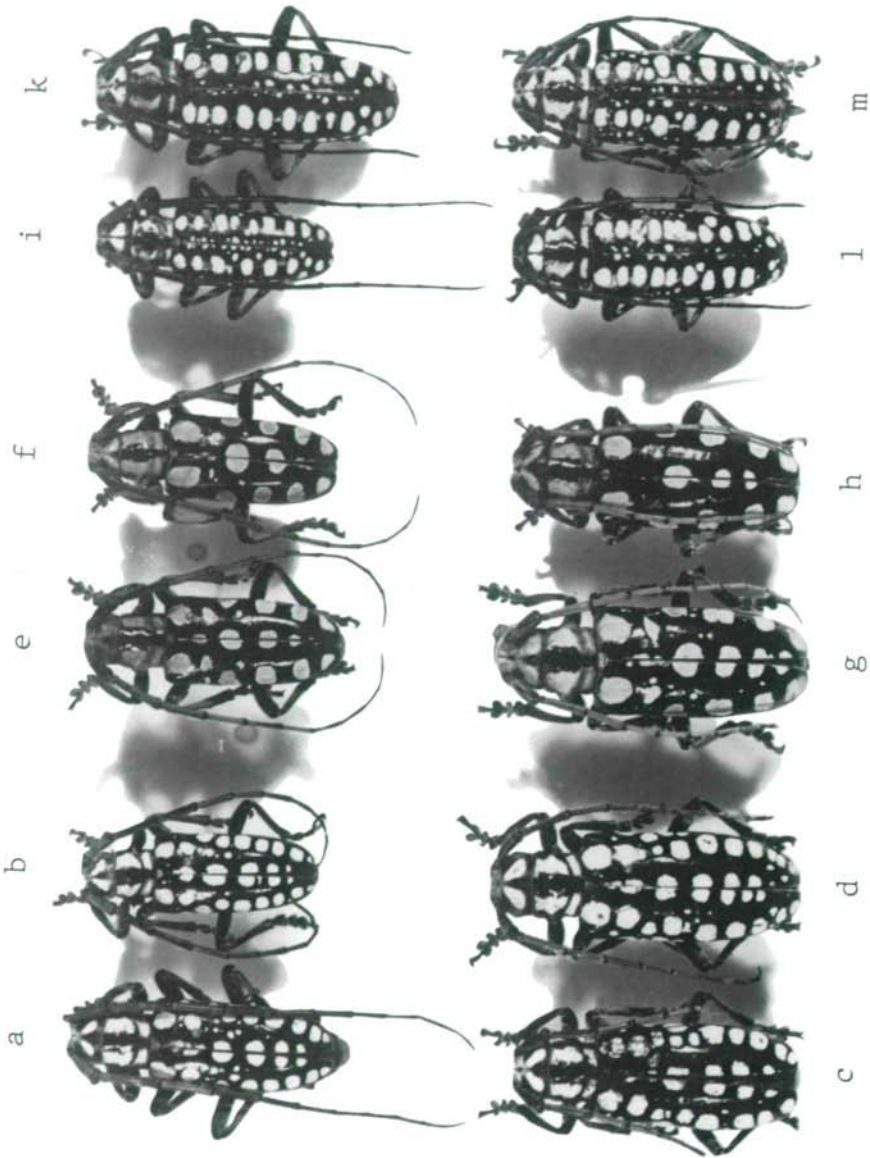


Fig.1 (text p.252)

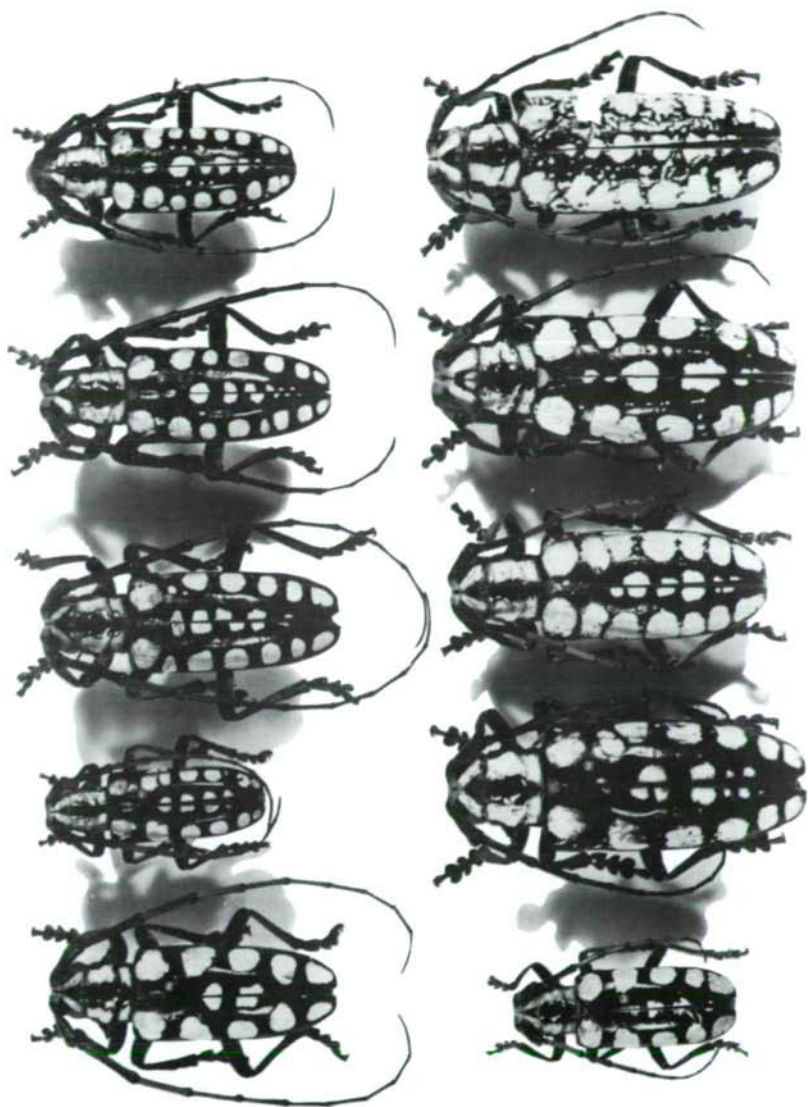


Fig.2 (text p.252)

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