

## New and poorly known Clytrini (Coleoptera, Chrysomelidae, Cryptocephalinae) from Borneo island, South-East Asia

### Новые и мало известные Clytrini (Coleoptera, Chrysomelidae, Cryptocephalinae) с острова Борнео в Юго-Восточной Азии

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**Key words:** Clytrini, Borneo, new species, new localities.

**Ключевые слова:** Clytrini, Борнео, новые виды, новые местонахождения.

**Abstract.** Three new leaf-beetle species, *Aetheomorpha bruneiana* L. Medvedev **sp.n.**, *Ae. crockeri* L. Medvedev **sp.n.** and *Ae. oculata* L. Medvedev **sp.n.** are described from Borneo, SE Asia. New localities in different regions of Borneo for the four species, *Aetheomorpha ornatula* (Baly, 1865) (Indonesia, Kalimantan), *Ae. maculicollis* L. Medvedev, Romantsov, 2015 (Malaysia, Sarawak), *Aspidolopha nigricollis* L. Medvedev, Romantsov, 2015 (Malaysia, Kinabalu) and *Smaragdina sabahensis* L. Medvedev, 1999 (Brunei, Temburung District) are newly recorded.

**Резюме.** Три новых вида жуков-листоедов описываются с острова Борнео в Юго-Восточной Азии: *Aetheomorpha bruneiana* L. Medvedev, **sp.n.**, *Ae. crockeri* L. Medvedev, **sp.n.** и *Ae. oculata* L. Medvedev, **sp.n.** Для четырёх видов приводятся новые локалитеты в регионах Борнео: *Aetheomorpha ornatula* (Baly, 1865) (Индонезия, Калимантан), *Ae. maculicollis* L. Medvedev, Romantsov, 2015 (Малайзия, Саравак), *Aspidolopha nigricollis* L. Medvedev, Romantsov, 2015 (Малайзия, Кинабалу) и *Smaragdina sabahensis* L. Medvedev, 1999 (Бруней, округ Тембуронг).

Description of 3 new species and records of 4 poorly known species are given, based mostly on materials of Natural History Museum, London (NHML), and the author's collection (LN).

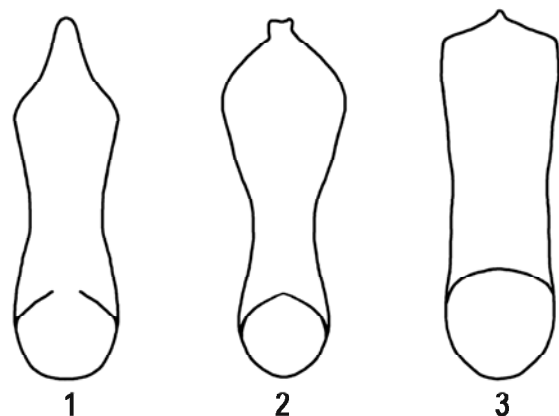
*Aetheomorpha bruneiana* L. Medvedev, **sp.n.**

Fig. 1.

**Material.** Holotype, ♂, **Borneo, Brunei:** «Bukit Sulang, nr. Lamunin. N.E. Stork, B.M., 1982-388. Fogging 20.VIII–10.IX.82. Insecticide fogging, tree 15: Diptero carp. *Shorea johorensis* Fox» (NHML); paratypes: same locality — 1♂, 1♀ (NHML, LM).

**Description.** Head black, antennae black with 3 basal segments fulvous, prothorax black with sides and partly anterior margin fulvous, scutellum black with dark fulvous apex, elytra black with fulvous stripe, underside fulvous with black metasternum, legs fulvous or partly darkened.

Body narrow, parallel-sided, 2.2 times as long as wide. Head impunctate, interocular space a little wider than transverse diameter of eye. Antennae almost reach base of prothorax, proportions of segments are as 9-5-3-4-6-6-6-6-7-9, segment 4 triangular and small, next segments feebly transverse. Prothorax 1.7 times as wide as long, broadest at base, lateral margin almost straight, surface extremely finely and sparsely punctate. Scutellum triangular with rounded apex, impunctate. Elytra 1.9 times as long as wide, shining, with regular rows of punctures, partly confused near base and along lateral margin. Pygidium entirely exposed, convex, finely punctate and pubescent. Segment 1 of fore and mid tarsi not widened in male. Aedeagus as in Fig. 1. Length of male 2.9–3.3 mm, of female 4.0 mm.



Figs 1–3. *Aetheomorpha* sp., aedeagus, ventral view: 1 — *Aetheomorpha bruneiana*, sp.n., 2 — *Ae. crockeri*, sp.n., 3 — *Ae. oculata*, sp.n.

Рис. 1–3. Эдеагусы видов *Aetheomorpha* sp., вид снизу: 1 — *Aetheomorpha bruneiana*, sp.n., 2 — *Ae. crockeri*, sp.n., 3 — *Ae. oculata*, sp.n.

**Diagnosis.** Near *Ae. semistriata* L. Medvedev, 1999, from Malacca, Bali and Java, differs immediately with narrow body, quite other color of upperside and form of aedeagus.

**Notes.** Sometimes prothorax almost entirely black and sutural stripe on elytra very narrow.

*Aetheomorpha crockeri* L. Medvedev, **sp.n.**

Fig. 2.

**Material.** Holotype, ♂, **Borneo, Malaysia:** «Sabah, Crocker range, 14.IV.2009, 900 m, leg. Steven Chew» (NHML).

**Description.** Head blackish aeneous with fulvous labrum, antennae black with 3 basal segments fulvous, prothorax blackish blue with lateral margin narrowly fulvous, elytra metallic blue, underside fulvous, legs black with apices of femora and bases of tibiae fulvous.

Body elongate ovate, 1.85 times as long as wide. Head finely punctate, frons partly rugose, with groove in the middle and pubescent near eyes, interocular space about twice as wide as transverse diameter of eye. Antennae almost reach base of prothorax, serrate from the 5<sup>th</sup> segment, 4<sup>th</sup> segment small and triangular, 11<sup>th</sup> segment with triangular process, segments 5–10 a little wider than long. Prothorax 1.4 times as wide as long, broadest in basal quarter, with rounded anterior and especially posterior angles and almost straight lateral margins, surface shining, finely and sparsely punctate on sides, impunctate in middle. Scutellum triangular with truncate apex, finely punctate. Elytra 1.45 times as long as wide, surface dull, densely microsculptured, confusedly and finely punctate. Pygidium almost entirely exposed, densely punctate and pubescent. Segment 1 of fore and mid tarsi not widened. Aedeagus as in Fig. 2. Length of body 3.8 mm.

**Diagnosis.** Near *Ae. volkovi* L. Medvedev, Romantsov, 2014, differs with elytra entirely metallic microsculptured and finely punctate and in other form of aedeagus.

*Aetheomorpha oculata* L. Medvedev, **sp.n.**

Fig. 3.

**Material.** Holotype, ♂, **Borneo, Malaysia:** «Sabah, Sepilok, 10–40 m, 5°52' N, 117°57' E, 19–24.IV.2011, leg. O. Gorbunov» (LN).

**Description.** Fulvous, labrum, antennal segments 5–11, two V-shaped and poorly delimited spots on prothorax, all margins of elytra (very narrow on suture), transverse band in anterior third and interrupted band in posterior third, apices of tibiae and tarsi black.

Head impunctate, eyes very large, 1.15 times as long as wide, interocular space very narrow, about one third of transverse diameter of eye. Antennae reach base of elytra, proportions of segments are as 8-7-5-5-8-8-8-8-8-11, segments 5–10 serrate, about as long as wide, segment 4 small, triangular. Prothorax twice as wide as long, anterior angles obtuse, posterior angles broadly rounded, lateral margins

almost straight, surface shining and impunctate. Scutellum triangular with obtuse apex, impunctate. Elytra 2.3 times as long as wide, shining, finely and confusedly punctate. Pygidium almost entirely exposed, finely punctured and pubescent. Segment 1 of fore and mid tarsi not widened. Aedeagus as in Fig. 3. Length of body 3.8 mm.

**Diagnosis.** Differs immediately from all known species with very large and almost round eyes and with narrow interocular space.

*Aetheomorpha ornata* (Baly, 1865)

**Material.** **Borneo, Indonesia:** «Kalimantan, Tengah Busc / Recut confl., 0°03' S, 113°59' E, Flight Intercept FIT 10, Brendell / Mendel, August 2001» — 1 spm. (NHML).

**Remark.** Species was known from Malay Peninsula and Singapore [Mohamedsaid, 2004], firstly found on Borneo.

*Aetheomorpha maculicollis*  
L. Medvedev, Romantsov, 2015

**Material.** **Borneo, Malaysia:** «Sarawak, foot of mount Dulit, junction of rivers Tinjar and Lejok, 29.VIII.1932, old secondary forest, Oxford Univ. Exp., leg. B.M. Hobbe, A.M. Moore, B.M.1933–254» — 1♀ (NHML), same locality, 22.VIII.1932, cultivated land now waste, same expedition and collectors, B.M.1933–254 — 1♀ (NHML).

**Remark.** Species was known from Sabah, firstly found on Sarawak.

*Aspidolopha nigricollis*  
L. Medvedev, Romantsov, 2015

**Material.** **Borneo, Malaysia:** «Kinabalu, leg. Whitehead, Fry coll., 1905–100, 60395» — 1 spm. (NHML).

**Remark.** A single specimen was known earlier from Sabah.

*Smaragdina sabahensis* L. Medvedev, 1999

**Material.** **Borneo, Brunei:** «Temburung District, Ridge NE of Kuala Belatung, 300 m, 125 W MV Light Trap, J.H. Martin coll., BMNH (E), 1992–172» — 1 spm. (NHML).

**Remark.** Species was described from Sabah [Medvedev, 2013], firstly found in Brunei.

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## References

- Medvedev L.N. 2013. New and poorly known Clytrinae (Coleoptera, Chrysomelidae) from Borneo // *Evrasiatskii Entomologicheskii Zhurnal*. Vol.12. No.5. P.489–492.  
Mohamedsaid M.S. 2004. Catalogue of the Malaysian Chrysomelidae. Sofia-Moscow: Pensoft. 239 p.

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