

A new *Litargus* species (Coleoptera: Mycetophagidae) from Sumatra Island and Pahang

Jiří HÁVA

Private Entomological Laboratory & Collection,
Rýznerova 37/37, CZ-252 62 Únětice u Prahy, Prague-west, Czech Republic
e-mail: jh.dermostidae@volny.cz

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Abstract. The species *Litargus* (*Litargosomus*) *elegantulus* sp. nov. from Indonesia: Sumatra Island and Malaysia: Pahang is described, illustrated and compared with similar species.

INTRODUCTION

The genus *Litargus* Erichson, 1846 currently includes 71 species worldwide (Háva 2022, 2023b, Háva & Coache 2023); from the Oriental Region taxa have been described by Grouvelle (1900) and recently by Háva 2021, 2023 a,b) and Jung (2022). While examining the unidentified material deposited in Naturhistorisches Museum, Wien, the author found a new species collected in Sumatra and Pahang belonging to the genus *Litargus* Erichson, 1846 and subgenus *Litargosomus* Motschulsky, 1858.

MATERIAL AND METHODS

The material is deposited in the following collections:

JHAC Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-West, Czech Republic;

NHMW Naturhistorisches Museum, Wien, Austria (M. Seidel).

The size of the beetles or of their body parts can be useful in species recognition and thus, the following measurements were made:

total length (TL) - linear distance from anterior margin of head to apex of elytra.

elytral width (EW) - maximum linear transverse distance.

Specimens of the presently described species are provided with red, printed label with text as follows: „HOLOTYPE [or PARATYPE] *Litargus* (*Litargosomus*) *elegantulus* sp. nov. Jiří Háva det. 2024”.

RESULTS

***Litargus* (*Litargosomus*) *elegantulus* sp. nov.**

(Figs. 1-5)

Type material. Holotype (♂): „N-Sumatra, 27.2., BukitLawang“ / „Indonesia 1990, leg. Schillhammer,“ (NHMW). Paratypes (1 ♀, 2 spec.): same data as holotype, (2 NHMW, 1 JHAC); (1 spec.): Malaysia, Pahang, 40 km W Rompin, Selendang, 29.4.-6.6.1993, leg. I. Jeniš, (NHMW).

Description. Male. Body measurements TL 2.6 mm, EW 1.3 mm; oblong-oval, subparallel-sided; weakly convex dorsally, weakly glossy; brown, covered with brown and yellow recumbent setation; elytra dark brown with yellowish patterns.



Figs. 1-5. *Litargus (Litargosomus) elegantulus* sp. nov.: 1- habitus, dorsal; 2- habitus, lateral; 3- posterior tibia; 4- antenna; 5- male genitalia.

Head brown, with dense and coarse punctures; covered by intermixed yellow and brown, recumbent setation; labrum brown; eyes prominent laterally in dorsal view, coarsely faceted and slightly emarginate near antennal insertions; antennae with 11 antennomeres, antennomeres I-III light brown, others dark brown; antennal club dark brown with three antennomeres (Fig. 4); palpomeres light brown, apical maxillary palpomere large, cylindrical.

Pronotum dark brown covered by yellow recumbent setation, convex dorsally, rugose, with large and dense punctures; widest posteriorly; anterior margin slightly arcuate; lateral sides roundly arcuate; basal margin sinuate, without short and circular grooves on subbasal parts.

Scutellum brown, triangular, with short recumbent yellow setation.

Elytra brown with yellowish patterns covered by yellow recumbent setation, brown patterns covered by brown setation, elongate, subparallel-sided, narrowed from apical fourth to apex (Figs. 1-2). Epipleurae brown, covered with brown recumbent setation.

Meta- and mesoventrite brown, with yellow recumbent setation, finely punctate.

Legs entirely light brown with light brown spines, covered with yellow recumbent setation. Tibiae with long, light brown spines apically (Fig. 3).

Abdominal visible ventrites brown, finely punctate, covered with short, brown recumbent setation. Pygidium brown, covered with yellow recumbent setation.

Male genitalia (Fig. 5).

Female. Similar to male.

Variability. Body measurements TL 2.6-2.8 mm, EW 1.3-1.4 mm.

Differential diagnosis. The new species is similar to *L. latus* Grouvelle, 1900 and *L. weyersi* Grouvelle, 1900 but differs from it by the arrangement of the yellowish elytral patterns and the structure of the antennae.

Litargus elegantulus sp. nov.: each elytron black, with two yellowish patterns and apical part (Figs. 1-2).

Litargus latus: each elytron black, with four large, circular, yellowish spots.

Litargus weyersi: each elytron brown, with small black spots, the third H-shaped spot not reached sutura.

Etymology. From Latin *elegantulus* (it means "elegant").

Distribution. Indonesia: Sumatra Island, Malaysia: Pahang State.

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REFERENCES

- GROUVELLE A. 1900: Contribution à l'Étude de la faune entomologique de Sumatra (Coteouest: Indrapoera - Vice-résidence de Païnan) (Voyage de M. J.-L. Weyers). XII^e Article. Nitidulides, Colydiides, Rhysodides, Cucujides, Monotomides, Cryptophagides, Tritomides, Dryopides. *Annales de la Société Entomologique de Belgique* 44: 262-280.
- HÁVA J. 2021: A new *Litargus* species from Laos (Coleoptera: Mycetophagidae). *VERNATE* 40: 291-293.
- HÁVA J. 2022: World Catalogue of Mycetophagidae (Coleoptera: Tenebrionoidea). *Studies and Reports, Taxonomical Series* 18(2): 287-331.
- HÁVA J. 2023a: A new *Litargus* species from Thailand (Coleoptera: Mycetophagidae). *Munis Entomology & Zoology* 18(2): 1130-1132.
- HÁVA J. 2023b: A study of *Litargus jakli* species group (Coleoptera: Mycetophagidae) from Oriental Region. *Folia Heyrovskyana, Series A* 31(1): 8-13.
- HÁVA J. & COACHE A. 2023: A contribution to knowledge of Mycetophagidae (Coleoptera) from Benin. *Faunitaxys* 11(60): 1-4.
- JUNG B. H. 2022: A new species of the family Mycetophagidae (Coleoptera) in Korea. *International Journal of Industrial Entomology* 44(1): 1-3.

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