

A new species of the genus *Mycetophagus* Fabricius, 1792 (Coleoptera: Mycetophagidae) from China

Новый вид рода *Mycetophagus* Fabricius, 1792 (Coleoptera: Mycetophagidae) из Китая

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Key words: taxonomy, description, new species, Coleoptera, Mycetophagidae, *Mycetophagus*, China.

Ключевые слова: таксономия, описание, новый вид, Coleoptera, Mycetophagidae, *Mycetophagus*, Китай.

Abstract. A new species, *Mycetophagus (Ilendus) yunnanus* sp.n. is described and illustrated from China (Yunnan), and compared with two eastern Palaearctic congeners.

Резюме. В статье описывается новый вид *Mycetophagus (Ilendus) yunnanus* sp.n. из Юньнани (Китай). Новый вид сравнивается с двумя близкими восточнопалеарктическими видами.

Introduction

The genus *Mycetophagus* Fabricius, 1792 is divided into 11 subgenera and contains 36 species from the Palaearctic Region [Nikitsky, 2008; Saitô, 2013]. Only two species have been known from China so far [Nikitsky, 2008]. During the determination of mycetophagid collection deposited at the Naturkundemuseum, Erfurt, Germany, I found a new *Mycetophagus* Fabricius, 1792 species from China as described below.

Material and Methods

The size of the beetles or of their body parts can be useful in species recognition and thus, the following measurements were made: (1) total length (TL) — linear distance from anterior margin of head to apex of elytra; (2) elytral width (EW) — maximum linear transverse distance.

The material is deposited in the following collections: NME — Naturkundemuseum, Erfurt, Germany; JHAC — Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-West, Czech Republic.

Specimens of the presently described species are provided with red, printed labels with texts as follows: «HOLOTYPE (or PARATYPE respectively) *Mycetophagus (Ilendus) yunnanus* sp. nov. Jiří Háva det. 2019».

Results

Mycetophagus (Ilendus) yunnanus Háva, sp.n.

Figs 1–5.

Type material. Holotype (♂): CHINA: Yunnan/Honghe, Dajiashan, 2060 m, EKL5, 22°54'46.5"N, 103°41'51.5"E, 30.v.2018, L.Z. Meng leg. (NME). Paratypes: (1 ♂): same data as holotype, (NMED) [specimen without four legs and abdomen]; (2 ♀♀): same data but 21.v.2018 (DJS55), (NME, JHAC).

Description. Male. Body measurements TL 6.45 mm, EW 2.62 mm; elongate-oval, subparallel-sided; weakly convex dorsally, weakly glossy; mostly brown, covered with brownish and yellow recumbent setation; mouth parts, legs brown; elytra brown with yellowish-brown patches.

Head with dense and coarse punctures; ocular distance about 2.7 times wider than diameter of eyes; covered by yellowish, erect setation; labrum brown; eyes prominent laterally in dorsal view, coarsely faceted and slightly emarginate near antennal insertions; antennae with 11 antennomeres, antennomeres I–VI brown, VII–XI black, antennal club with five antennomeres (Fig. 3); palpi dark brown, apical maxillary palpomere cylindrical.

Pronotum convex dorsally, rugose, with large and dense punctures; widest at middle, gradually narrowed anteriorly and posteriorly; anterior margin slightly arcuate; lateral sides distinctly margined, roundly arcuate; basal margin sinuate, with short and circular grooves at subbasal parts.

Scutellum triangular, with short recumbent brown setation.

Elytra with yellow and brown recumbent setation, elongate, subparallel-sided, narrowed from apical 1/4 part to apex; dark brown with many small, large and geometric yellowish-brown patches (Figs 1–2), which are variable among individuals; punctate-striate, striae punctures very deep, large and regular; interstices flat, narrower than striae.

Meta-meso ventrite dark brown, with yellow recumbent setation.

Abdominal visible ventrites brown, with yellow recumbent setation.

Male genitalia as in Figs 4–5.



Figs 1–5. *Mycetophagus (Ilendus) yunnanus* sp.n.: 1 — habitus, dorsal aspect; 2 — habitus, lateral aspect; 3 — antennae; 4 — male genitalia, dorso-lateral aspect; 5 — male genitalia, tip of median lobe, lateral aspect.

Рис. 1–5. *Mycetophagus (Ilendus) yunnanus* sp.n.: 1 — внешний вид, сверху; 2 — внешний вид, сбоку; 3 — усик; 4 — гениталии самца, дорсо-латерально; 5 — гениталии самца, вершина срединной доли, сбоку.

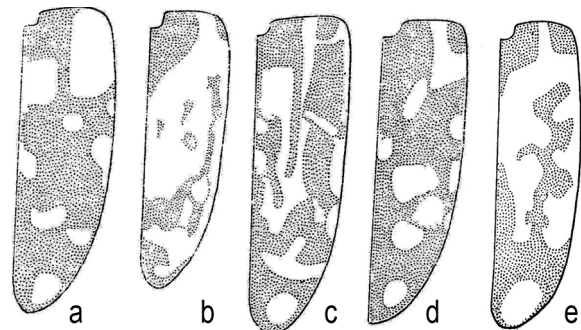
Female. Externally similar to male.

Variability. Body measurements TL 6.0–6.2 mm, EW 2.4–2.7 mm.

Differential diagnosis. The new species belongs to the subgenus *Ilendus* Casey, 1900 according characters mentioned by Nikitski [1993] and differs from the similar eastern Palaearctic species *M. irroratus* Reitter, 1879 and *M. lederi* Reitter, 1897 by the following characters:

- antennomeres VII–XI brown or brown-black; head and pronotum brownish-black; elytra as in Fig. 6 a–d
..... *M. irroratus* Reitter, 1879
- antennomeres VII–XI black; head and pronotum black; elytra as in Figs 1–2 *M. yunnanus* sp.n.
- antennomeres VIII–XI light brown or reddish-brown; elytra as in Fig. 6 e *M. lederi* Reitter, 1897

Etymology. Toponymic, named according to the province Yunnan of China,



Figs 6. Elytra: a–d — *M. irroratus* Reitter, 1879; e — *M. lederi* Reitter, 1897 (according to Nikitsky [1992]).

Рис. 6. Надкрылья: a–d — *M. irroratus* Reitter, 1879; e — *M. lederi* Reitter, 1897 (из Nikitsky [1992]).

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