

Additions and corrections of the family Mycetophagidae (Insecta: Coleoptera) from the Catalogue of Palaearctic Coleoptera, Volume 5 - Tenebrionoidea, 2020

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HÁVA, J.: *Additions and corrections of the family Mycetophagidae (Insecta: Coleoptera) from the Catalogue of Palaearctic Coleoptera, Volume 5 - Tenebrionoidea, 2020.*

Abstract: Missing species, distributional data, references and corrections in the beetle family Mycetophagidae in the new Catalogue of Palaearctic Coleoptera, Volume 5, Tenebrionoidea are provided. The following species are newly recorded: *Mycetophagus piceus* Fabricius, 1777 (Nepal), *M. quadriguttatus* P.W.J. Müller, 1821 (Lebanon); *Litargus balteatus* LeConte, 1856 (Arab Emirates), *Litargus connexus* Geoffroy, 1785 (Israel), *Triphyllus bicolor* Fabricius, 1777 (Macedonia).

Keywords: additions, corrections, new records, catalogue, Coleoptera, Mycetophagidae, Palaearctic Region.

Introduction

The new Catalogue of Palaearctic Coleoptera. Tenebrionoidea. Revised and Updated Second Edition. Volume 5 edited by IWAN & LÖBL was published in 2020. The family Mycetophagidae in the new catalogue compiled by N.B. NIKITSKY. Some new species described in the years 2019 and 2020 (before publishing the catalogue), with new distributional data missing in the catalogue are added.

Material and methods

Additional abbreviations in **bold**:

* new unpublished record
AE United Arab Emirates
BE Belgium
IS Israel
LE Lebanon
MC Macedonia

NL The Netherlands
NP Nepal
YUN Yunnan (China)
XIN Xinjiang (China)

New references: HÁVA 2019a, b, 2020 are added.

Collections:

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

NMED - Naturkundemuseum, Erfurt, Germany.

PZAC - Petr Zahradník, private collection, Prague, Czech Republic.

Results

Family **Mycetophagidae** Leach, 1815

Page 27, additions: added one species and three distribution AE BE IS NL

Genus **Eulagius** Motschulsky, 1845

Eulagius filicornis (Reitter, 1887)c: 288 (*Atritomus*) E: **BE** FR GBi **NL** SP N: AG TU

Genus **Litargus** Erichson, 1846

Subgenus **Alitargus** Case, 1900

Litargus (Alitargus) balteatus LeConte, 1856: 14 E: AU AR CZ FR GB GE GG GR IR HU IR IT MA NL PL SK SL SP ST SV SZ N: CI EG MO MR A: **AE** JA AUR NAR NTR ORR PAC

Material examined: United Arab Emirates, Sharjah Desert Park, 25.17N 55.42E, at light trap, 6-30.4.2005, A v Harten lgt., 3 spec., J. Háva det., (JHAC). **New to the United Arab Emirates.**

Subgenus **Litargus** Erichson, 1846

Litargus (Litargus) connexus (Geoffroy, 1785): 138 (*Antribus*) E: AB AL AR AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GG GR HU IR IT KZ LA LS LT MA MC MD NL NR NT PL PT RO SK SL SP ST SV SZ TR UK YU N: CI MO TU A: CH CY ES FE IN **IS*** JA JO KI KZ MG NC NE SY TR UZ

Material examined: Israel, Nizzanim, 18.vi.2009, L. Friedman leg., 1 spec., J. Háva det., (JHAC). **New to Israel.**

Subgenus **Litargosomus** Motschulsky, 1858

Litargus (Litargosomus) yunnanus Háva, 2020: 56 A: YUN

Page 28, additions: added one species and distribution NP

Genus **Mycetophagus** Fabricius, 1792

Subgenus **Ilendus** Casey, 1900

Mycetophagus (Ilendus) yunnanus Háva, 2019b: 290 A: YUN

Subgenus **Mycetophagoides** Nikitsky, 1988

Mycetophagus (Mycetophagoides) alni Champion, 1917:53 A: NP UP

Page 29, additions: added two species and three distribution LE NL

Subgenus **Mycetophagus** Fabricius, 1792

Mycetophagus (Mycetophagus) ater (Reitter, 1879): 224 (*Tritoma*) E: AU BH BY CR CT CZ EN FI FR GE HU LA LT MD NL NT PL RO SK SL ST SZ UK YU A: CH ES FE JA KZ MG NC NE SC WS

Mycetophagus (Mycetophagus) weigeli Háva, 2020: 57 A: YUN

Subgenus **Mycetoxides** Motschulsky, 1858c

Mycetophagus (Mycetoxides) fulvicollis Fabricius, 1792b: 499 E: AB AL AR AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GG GR HU IT KZ LA LT MD NL NR NT PL PT RO SK SL SP ST SV SZ UK YU A: ES FE KZ MG TR WS

Subgenus **Parilendus** Casey, 1900

Mycetophagus (Parilendus) quadriguttatus P.W.J. Müller, 1821: 198 E: AB AL AR AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GG GR HU IT KZ LA LS LT MC MD NL NT PL RO SK SL SP ST SV SZ TR UK YU

N: AG MO A: IS KI KZ LE* SA SY TD TM TR UZ WS AUR NAR NTR ORR

Material examined: Lebanon, Rayfoun, ca. 33°58'N, 35°42'E, mixed oak forest, 990 m, v.2015, pitfall trap, Reuter leg., 12 spec., J. Háva xdet., (10 NMED, 2 JHAC). **New to Lebanon.**

Subgenus **Paramycetophagus** Nikitsky, 2007

Mycetophagus (Paramycetophagus) nepalensis Háva, 2019a: 88 A: NP

Page 30, additions: added distribution NP

Subgenus **Ulolendus** Reitter, 1911

Mycetophagus (Ulolendus) piceus (Fabricius, 1777): 214 (*Ips*) E: AB AL AR AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GG GR HU IT KZ LA LT LU MA MD NL NR NT PL PT RO SK SL SP ST SV SZ TR UK YU

N: EG A: KZ MG NP* TR UZ WS

Material examined: Nepal, P: Mahakali, D: Kanchanpur, vic. Mahendranagar, Hotel Suda N28°57'41'', E80°12'51'', farm Sanctum, 230 m, LFF, 02.vii.2017, A. Weigel lgt., 1 ♂, J. Háva det., (NMED). **New to Nepal.**

Page 31, additions: added two distribution YUN, MC

Genus **Typhaea** Stephens, 1829

Typhaea stercorea (Linnaeus, 1758): 357 (*Dermestes*) E: AB AL AN AR AU AZ BE BH BU BY CR CT CZ DE EN FA FI FR GB GE GG GR HU IC IR IT KZ LA LS LT LU MA MC MD NL NR NT PL PT RO RU SK SL SP ST SV SZ TR UK YU N: AG CI EG LB MO MR TU A: AE AF BT CH CY ES FE IN IQ IS JA JO KI KZ MG NC NP PA SA SC SI SY TD TM TR UZ **YUN** WS YE COS

Genus **Triphyllus** Dejean, 1821

Triphyllus bicolor (Fabricius, 1777): 216 (*Nitidula*) E: AB AL AR AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GG GR HU IT LA LT **MC*** MD NL NR NT PL PT RO SK SL SP ST SV SZ UK YU A: TR

Material examined: Macedonia, Galičica n. park, 3.6.1996, P. Zahradník lgt., J. Háva det., (PZAC). **New to Macedonia.**

Page 32, corrections:

angusta Rosenhauer, 1856 (*Typhaea*) - the species transferred by ESSER (2017) to the genus *Cryptophilus* Reitter, 1874 (*Erotylidae*) and removed it from the family Mycetophagidae. NIKITSKY (2020) mentioned the species erroneously in Mycetophagidae.

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References

- ESSER J. 2017: Was ist *Typhaea angusta* Rosenhauer, 1856 (Coleoptera)? - Entomologische Nachrichten und Berichte 61(3-4): 177-179.
- HÁVA J. 2019a: A new *Mycetophagus* Fabricius, 1792 species from Nepal (Coleoptera: Mycetophagidae). - Acta Biologica Universitatis Daugavpiliensis 19(1): 87-90.
- HÁVA J. 2019b: A new species of the genus *Mycetophagus* Fabricius, 1792 (Coleoptera: Mycetophagidae) from China. - Euroasian Entomological Journal 18(4): 290-291.
- HÁVA J. 2020: Two new species of the family Mycetophagidae (Coleoptera) from China. - Euroasian Entomological Journal 19(1): 56-58.
- IWAN D. & LÖBL I. 2020: Catalogue of Palaearctic Coleoptera. Tenebrionoidea. Revised and Updated Second Edition. Volume 5. Leiden/Boston, Brill, 945 pp.
- NIKITSKY N.B. 2020: Mycetophagidae, Pp: 27-33. In: IWAN D. & LÖBL I. (eds.): Catalogue of Palaearctic Coleoptera. Tenebrionoidea. Revised and Updated Second Edition. Volume 5. Leiden/Boston, Brill, 945 pp.