

Additions and corrections to the Catalogue of the Scathophagidae (Diptera) of the Palaearctic Region

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Abstract. Additions and corrections to the catalogue of the Scathophagidae (Diptera) of the Palaearctic Region (ŠIFNER 2008) are presented. Two new combinations, *Norellisoma altaicum* (Ozerov, 2008), comb. nov. and *Norellisoma yolduense* (Ozerov, 2008), comb. nov., both transferred from *Norellia* Robineau-Desvoidy, 1830, and one new synonym, *Scathophaga eoa* Ozerov, 2007, syn. nov. = *Scathophaga mellipes* (Coquillett, 1899), are formally established. Including these changes, the Palaearctic fauna now contains 38 valid genera, 220 species and 198 synonyms.

Key words. Diptera, Scathophagidae, taxonomy, new synonymy, new combinations, catalogue, Palaearctic Region

Introduction

The aim of this paper is to provide additions and corrections to my catalogue of the Scathophagidae (Diptera) of the Palaearctic Region (ŠIFNER 2008). I add four species omitted in the catalogue, establish two new combinations and one new synonymy, add one new genus and new species described recently from the Czech Republic (ŠIFNER 2009), include four synonyms established by OZEROV (2007a) that have been neglected in the catalogue, and correct some mistakes in the references.

Material and methods

The following acronyms of collections are used in the text:

- NMPC National Museum, Praha, Czech Republic;
SZMN Siberian Zoological Museum, Novosibirsk, Russia;
ZMUM Zoological Museum, Moscow Lomonosov State University, Moscow, Russia.

The page numbers that introduce all entries are based on the pagination of the catalogue (ŠIFNER 2008).

Additions and corrections

P. 120: ***Cordylura picticornis* Loew, 1864**

Cordylura latigennis Hendel, 1930b: 3. Synonymized by OZEROV (2007a: 7).

P. 124: ***Parallelomma fuscipes* (Zetterstedt, 1838)**

Cordylura apicata Hendel, 1930b: 4. Synonymized by OZEROV (2007a: 6).

Cordylura nigrithorax Hendel, 1930b: 5. Synonymized by OZEROV (2007a: 7).

Cordylura ochracea Hendel, 1930b: 6. Synonymized by OZEROV (2007a: 7).

P. 127: ***Norellisoma altaicum* (Ozerov, 2008) comb. nov.**

Norellia altaica Ozerov, 2008: 2. HOLOTYPE: ♂, Russia: 'Altaiskii krai, 45 km E Ust'-Ulagan, the upper reaches of the Yoldu River, 50.5°N, 88.57°E, 2020 m, 17.VI.2005 (coll. V. Sorokina)' (SZMN).

Note. The transfer of *Norellia altaica* to the genus *Norellisoma* is based on the double row of strong bristles on the fore tibiae and femora, which is typical for *Norellisoma*.

Distribution. Russia – East Siberia (OZEROV 2008: 2).

P. 132: ***Norellisoma yolduense* (Ozerov, 2008) comb. nov.**

Norellia yolduensis Ozerov, 2008: 3. HOLOTYPE: ♂, Russia: 'Altaiskii krai, 45 km E Ust'-Ulagan, the upper reaches of the Yoldu River, 50.5°N, 88.57°E, 2020 m, 19.VI.2005 (coll. V. Sorokina)' (SZMN).

Note. The transfer of *Norellia yolduensis* to the genus *Norellisoma* is based on the same character as in *N. altaica*.

Distribution. Russia – East Siberia (OZEROV 2008: 3).

P. 150: ***Jezekia* Šifner, 2009**

Jezekia Šifner, 2009: 288. Type species: *Jezekia knenti* Šifner, 2009: 288; by original designation.

Note. This genus is placed tentatively in the tribe Cleigastrini (ŠIFNER 2009).

***Jezekia knenti* Šifner, 2009**

Jezekia knenti Šifner, 2009: 288. HOLOTYPE: ♂, Czech Republic: Brdy Mts., Tok Mt. (49°41'47"N 13°52'38"E), about 830 m a.s.l., Malaise trap, 12.v.2005, Liška leg. (NMPC).

Distribution. Czech Republic (ŠIFNER 2009: 288).

P. 157: ***Coniosternum* Becker, 1894**

The correct relevant pages mentioned in the Note are STROBL (1898: 254, 1909: 182).

P. 158: ***Coniosternum jezeki* Šifner, 1981**

Coniosternum jezeki Šifner, 1981: 98. HOLOTYPE: ♂, E. Iran, Deh Bakri, Locality No. 186, 1700–1750 m a.s.l., 30.iv.–3.v.1973, Exp. Mus. leg., Cat. No. 32 744 (NMPC).

Distribution. Iran (ŠIFNER 1981: 98); United Arab Emirates (DEEMING 2009: 768).

P. 167: ***Scathophaga mellipes* (Coquillett, 1899)**

Scathophaga eoa OZEROV, 2007b: 2, **syn. nov.** HOLOTYPE: ♂, Russia: 'Primorskii krai: environs of Lazo (43.380674 N, 133.895190 E), 21.IX 1987 (A.L. Ozerov)' (ZMUM: registration number Di-0248).

Note. According to the original description, *Scathophaga eoa* fully agrees with *S. mellipes*. The synonymy has also been confirmed by A. L. Ozerov (pers. comm.). I therefore formally establish the synonymy here.

Distribution. China (FENG & FAN 2001: 190); Japan (FUKUHARA & KARAHASHI 1966a: 247); Russia – Far East (OZEROV 2007b: 2).

P. 184: HENDEL F. 1930b: Correct volume and pagination is **21A(18)**: 1–12.

P. 188: STROBL G. 1898: Correct volume and pagination is **34**: 192–298.

P. 188: STROBL G. 1900: Correct name of the journal is *Wissenschaftliche Mitteilungen aus Bosnien und Herzegovina Sarajevo*.

P. 188: Missing reference: STROBL G. 1909: Die Dipteren von Steiermark. II. Nachtrag. *Mitteilungen des Naturwissenschaftlichen Vereins für Steiermark* **46**: 45–293.

P. 189: Incomplete reference: ŠIFNER F. 1981: Les résultats de l'expédition entomologique Tchécoslovaque-iranienne à l'Iran en 1973. Diptera: Scatophagidae (Avec la description d'une espèce nouvelle du genre *Coniosternum* d'Albanie et avec le tableau analytique des espèces du genre *Coniosternum* Becker, 1894 paléarctiques). *Acta Entomologica Musei Nationalis Pragae* **40**: 95–104.

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