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## NEW SPECIES OF THE GENUS *SCATHOPHAGA* MEIGEN (DIPTERA, SCATHOPHAGIDAE) FROM THE RUSSIAN FAR EAST

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A new species of the family Scathophagidae *Scathophaga eoa* **sp. n.** is described  
from the Russian Far East.

KEY WORDS: Diptera, Scathophagidae, new species, *Scathophaga*, Russia, Far  
East.

**А. Л. Озеров. Новый вид двукрылых рода *Scathophaga* Meigen (Diptera,  
Scathophagidae) с Дальнего Востока России // Дальневосточный энтомо-  
лог. 2007. N 170. С. 1-4.**

С Дальнего Востока России описан новый вид мух *Scathophaga eoa* **sp. n.**  
из семейства Scathophagidae.

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### INTRODUCTION

A new species was found as a result of the examination of specimens of the genus  
*Scathophaga* Meigen (Diptera, Scathophagidae) in the collection of Zoological  
Museum of the Moscow State University (ZMUM). The description of this species  
is given below.

Holotype and paratypes of a new species are deposited in the collection of Zoological Museum of Moscow State University (ZMMU).

***Scathophaga eoa* Ozerov, sp. n.**

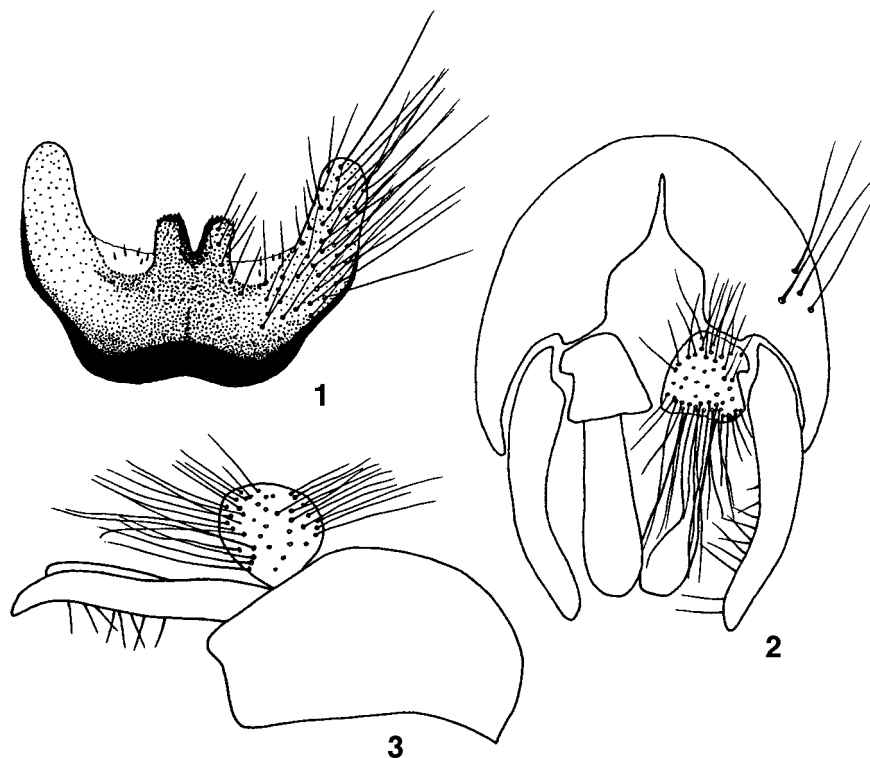
Figs 1-3

MATERIAL. Holotype – ♂, RUSSIA, Primorskii krai: environs of Lazo (43.380674 N, 133.895190 E), 21.IX 1987 (A.L. Ozerov) (ZMMU: registration number Di-0248). Paratypes: Primorskii krai: the same label as holotype, 1 ♂, 1 ♀; Lazovskii Natural Reserve, "Ta-Chingous", 20-30.IX, 2.X 1948, 4 ♂, 2 ♀ (Gussakovskiy); 32 km SE of Ussurisk [Kamenuschka], 18.IX.1987, 1 ♀ (A.V. Antropov). Amurskaya oblast': environs of Zeya, 14 and 29.VIII 1981, 3 ♂ (A.I. Shatalkin); the same place, 19.VII, 13.VIII 1981, 2 ♂, 1 ♀: (A.L. Ozerov); Selezhdzhinskii District, Selezhdzha River, 5-6 km up-stream of Ekimchan, up-stream of Unerikan Rill mouth, 495 m a.s.l., on fresh human feces in riverside larch forest with *Poaceae* gen. spp, *Polytrichum commune* etc., 31.VIII 2006, 7 ♂, 2 ♀ (A.B. Ryvkin).

DESCRIPTION. MALE, FEMALE. Front reddish-yellow, matt, with greyish pollen along margin of eye. Gena, parafacial and face yellow, with goldish pollen. Ocellar triangle black. Postcranium black, with greyish pollen. Scapus and pedicel reddish-yellow, postpedicel blackish. Palpus yellow, prementum dark brown. Frontal vitta bare. Head with 3–5 frontals, 3 orbitals, 1 ocellar, 1 posteroventral, 1 outer vertical, and 1 inner vertical setae. Postcranium with short black setae and hairs in upper part and fine long yellow hairs in lower part. Gena with several setae along lower margin (yellow to black). 3-5 vibrissae present. Postpedicel rounded apically, approximately 3.0 times as long as wide in male and about 2.0 times as long as wide in female. Arista short haired on whole length. Palpus long, narrow, and gradually somewhat widening towards apex, with yellow and black setae.

Thorax black, with greyish pollen. Scutum with four brownish stripes. Anepimeron, katatergite, anatergite, mediotergite, meron, katepimeron, and metepisternum bare; the rest pleural sclerites with long yellowish hairs. Postpronotum with yellowish hairs, the rest hairs and setulae on scutum brown or black. Scutum with 2 postpronotals, 2 notopleurals, 1+(2-3) supra-alars, 1+2 intra-alars, 2 postalars, 2+3 dorsocentrals, 1 acrostichal setae; acrostical hairs in two rows; 1 proepisternal and 1 proepimeral setae, but often not differ from around hairs; anepisternum with 3 black setae near upper posterior corner; katepisternum with 1 strong seta in upper posterior corner. Scutellum with 2 strong basal, 2 strong apical, and with 2 moderate discal setae. Posteroventral area of thorax behind and above hind coxae between metepimera with narrow sclerotized bridge.

Legs yellow, but first femur in several specimens partly blackish. Male: femora and tibiae with numerous yellow hairs; mid femur with apicals *pd* and *p*; mid tibia with 3 *p*, 2 *ad* and ring of apicals; hind tibia with 2–3 *ad*, 3 *pd*, and apicals *ad*, *pd* and *av*. Female: femora and tibiae with yellowish or blackish hairs, shorter than in



Figs 1-3. *Scathophaga eoa* sp. n.: 1) sternite 5 of male; 2) epandrium and surstyli, dorsal view; 3) the same, lateral view.

male; first femur with row of *pd*, first tibia with 3 *ad*, 1 *p* near middle and apicals *p* and *pd*; mid femur with row of *a* and strong *p* and *pd* apically; mid tibia with 1 *a*, 1 *v*, 3 *p*, 2 *ad* and ring of apicals; hind femur with row of *ad* and usually row of hair-like *av*; hind tibia with 6-8 *ad*, 3-4 *pd*, and apicals *ad*, *pd* and *av*.

Wing tinged with brownish, without clouding on crossveins; veins brownish. Haltere yellow.

Abdomen black, greyish pruinose, with numerous yellow hairs; male without setae, female with moderate black setae along posterior margin of each tergite. Female sternite 7 shining, without pollen. Male sternite 5 as in Fig. 1. Epandrium with numerous yellow hairs; each cercus with long dorsoventrally flattened process ventrally, well noticable from above; surstyli long (Figs 2, 3).

MEASUREMENTS. Length of body 5.1-11.0 mm, length of wing 5.0-10.0 mm.

DIAGNOSIS. *Scathophaga eoa* sp. n. may be separated from all other species of the genus *Scathophaga* by the following combination of characters: anepimeron bare, arista short haired on whole length, narrow metepimeral bridge present, cercus with long process. The new species is similar in appearance to *S. intermedia* (Walker, 1849), but anepimeron of last species with hairs.

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