

A new species of the genus *Homalocephala* Zetterstedt, 1838 (Diptera, Ulidiidae) from Russia

Новый вид двукрылых рода *Homalocephala* Zetterstedt, 1838 (Diptera, Ulidiidae) из России

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КЛЮЧЕВЫЕ СЛОВА: Diptera, Ulidiidae, Россия, новый вид, распространение, определительная таблица.

ABSTRACT. A new species of the genus *Homalocephala* Zett., *H. ozerovi*, is described. The species is recorded in the Far East, Amur Area and in the Maritime Province.

РЕЗЮМЕ. Описан новый вид рода *Homalocephala* Zett. — *H. ozerovi*. Вид распространен на Дальнем Востоке в Амурской области и Приморском крае.

INTRODUCTION. Six species of the genus *Homalocephala* Zetterstedt are known for the Palaearctic Region [Zaitzev, 1984; Andersson, 1991; Krivosheina & Krivosheina, 1996]. We found 2 specimens of a new species of the genus *Homalocephala* in the collection of the Zoological Museum of Moscow University (ZMUM).

The holotype and the paratype of new species are deposited in ZMUM.

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Homalocephala ozerovi sp.n.

Fig. 1.

MATERIAL. Holotype ♀, labelled "40 km SE Ussuriysk, Primorie (Maritime) Province, 14.VIII.1983 (A.L. Ozerov); Paratype ♀, near Zeya, Amur Area, 2.VII.1981 (A.I. Shatalkin).

DESCRIPTION. FEMALE. The length of body — 5 mm, wing 5 mm. Body black. Frons two-coloured. Gena and face snow-white. Halteres light.

Head. Flattened dorsally, slightly higher than long. Eyes oval. Frons slightly narrowing to antennae, wide, 2 times as wide as eye. Frons noticeably protruding beyond anterior margin of eye. Vertex and occiput black. Frons mostly (anterior 2/3) red, with minute punctation and numerous short hairs. The part of frons bordering with vertex and in front of ocellar triangle blackish, dark

surfaces form projections at margins of eye, which reach orbital setae. Occiput and vertex in greyish minute pubescence. Margins of darkened areas of frons shining at level of orbital seta and without pubescence. Face and narrow gena snow-white. Clypeus and palpus black. Antenna red, 3rd antennal segment oval, darkened in dorsal half. Arista darkened in base and in apical half. Mesonotum greyish pollen and with short brownish hairs. Anepisternum and katepisternum with long brown and light hairs, besides this katepisternum with silvery pubescence. Meron shining. Scutellum triangular, dark, greyish-pollen. Anatergite greyish-pollen. Legs dark, femur and tibia almost black, tarsomers light brown. Wing hyaline with brown veins, subcostal cell black. Apical brownish spot is situated at the apexes of R_{2+3} and R_{4+5} .

Abdomen. Black, shining, with brown hairs on the dorsal and light hairs on the lateral surfaces. Ovipositor black, shining.

MALE. Unknown.

BIOLOGY. Unknown.

REMARK. The species has the following characters typical for the genus *Homalocephala*: R_1 with setose hairs, katepisternum with 1 long seta, posterior cubital cell without projection, transverse vein, closing it, straight with ends slightly curved to the wing base. The species is close to *H. albitarsis* Zett., differing by the several characters: palpus black, not red; dark apical spot of the wing larger, covering the ends of R_{2+3} and R_{4+5} , not only R_{2+3} .

Key to the species of *Homalocephala* (imagos)

1. Halteres black 2
- Halteres white 3
2. Katepisternum and anepisternum matt, grey-pollen, without setae. Face without narrow brown band along margin of mouth cavity. 3rd antennal segment mainly black *H. apicalis* (Wahlb.)
- Katepisternum and anepisternum mainly without pollen, shining, with long brown setae at whole surface. Face with narrow brown band along mouth cavity. 3rd antennal segment orange with dark dorsal spot *H. mamaevi* Kriv. et Kriv.

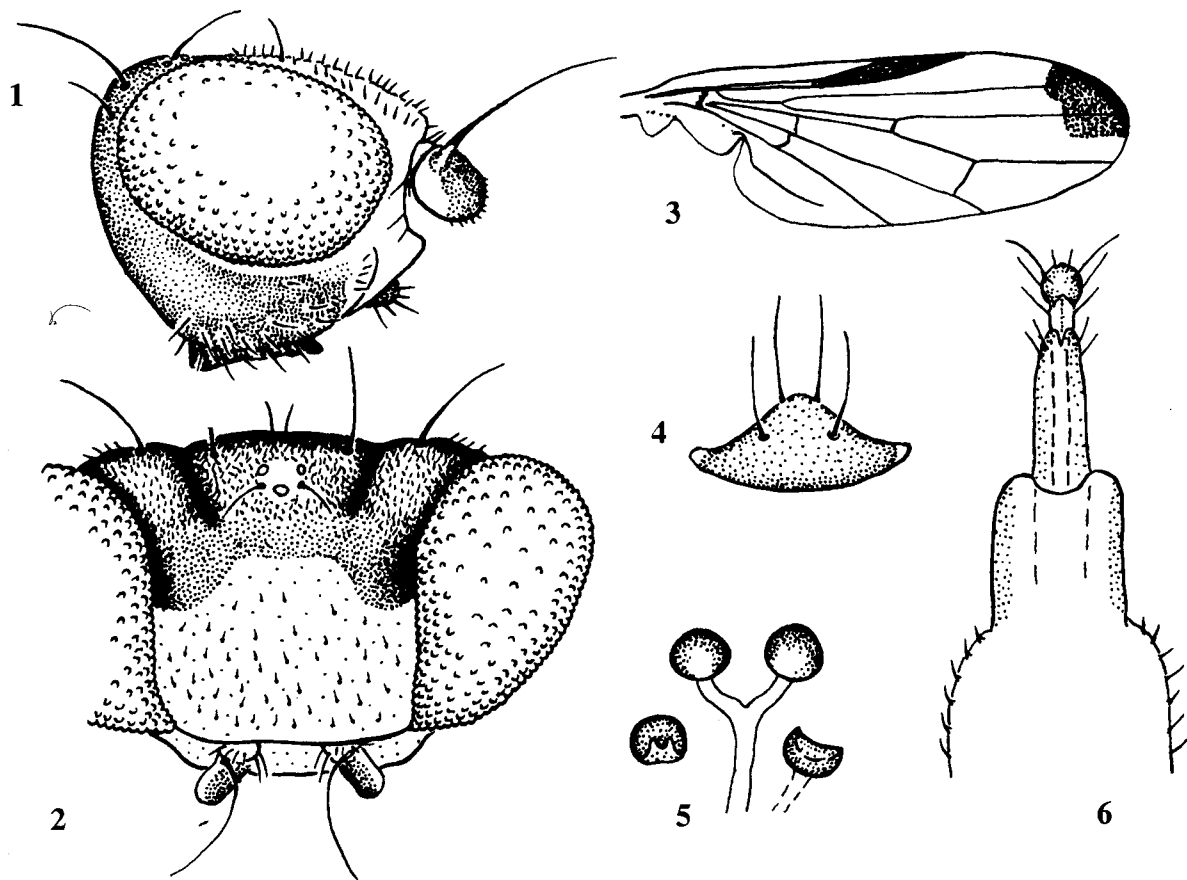


Fig. Details of the morphology of *H. ozerovi* sp.n., ♀: 1,2 — head, lateral and dorsal views; 3 — wing; 4 — scutellum, dorsal view; 5 — spermatheca; 6 — ovipositor.

Рис. Детали строения *H. ozerovi* sp.n., ♀: 1,2 — голова, латерально и дорсально; 3 — крыло; 4 — скутеллум, дорсально; 5 — сперматека; 6 — яйцеклад.

3. Scutellum with 2 long bristles *H. biseta* Frey
- Scutellum with 2 long apical bristles and 2 shorter lateral ones 4
4. Femur and tibia at least partly yellow. Dark marginal spot not reaching apex of wing. Apex of R_{2+3} as well as R_{4+5} light *H. bimaculata* (Wahlb.)
- Femur and tibia black. Marginal spot is placed at the most apex of wing 5
5. Face in lower half, parafacial and gena darkened. Frons unicolourously brown. Katepisternum with dense short silvery pubescence and separate rare dark setae. Rare dark setae are developed also on anepisternum. Wing with distinct narrow median spot along costal margin, apical spot as a rule not developed *H. angustata* (Wahlb.)
- Face, parafacial and gena snow-white. Frons at least partly orange. Katepisternum with thick short silvery pubescence and with long light setae on the inner margin. Dense light setae are situated also on the whole surface of anepisternum 6
6. Scutellum black, shining. Apical spot light, with

- unclear borders, occupying the whole apex of wing. Median spot not intensive, reaches discal cell *H. biumbata* (Wahlb.)
- Scutellum matt, grey pollen. Apical dark spot of wing black, distinct, small, situated at the apex of R_{2+3} or R_{2+3} and R_{4+5} . Median wing spot is limited by subcostal cell 7
7. Palpus red. Apical wing spot oval, occupying only apex of R_{2+3} *H. albitarsis* Zett.
- Palpus black. Apical wing spot large, occupying apices of R_{2+3} and R_{4+5} *H. ozerovi* sp.n.

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