

A new species of the genus *Sepsis* Fallén (Diptera: Sepsidae) from North Ossetia

Новый вид рода *Sepsis* Fallén (Diptera: Sepsidae) из Северной Осетии

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КЛЮЧЕВЫЕ СЛОВА: Diptera, Sepsidae, новый вид, Северная Осетия, Россия.

ABSTRACT: *Sepsis alanica* sp.n. is described from North Ossetia, Russia. Holotype of the new species is deposited in Zoological Museum, Moscow State University.

РЕЗЮМЕ: В статье приведено описание одного нового вида *Sepsis alanica* sp.n. по единственному самцу из Северной Осетии. Голотип нового вида хранится в коллекции Зоологического музея МГУ.

Additional study of Sepsidae collection of the Zoological Museum, Moscow University (ZMUM), made it possible to discover one specimen of a new species among the series of *Sepsis nigripes* Meigen. The description of the new species is given below. The holotype is deposited in the ZMUM.

Sepsis alanica sp.n.

Figs 1-7.

MATERIAL. Holotype male, labelled "Кавказ, Сев. Осетия, хр. Бакхты Лаппарыраг, 10 км ЮВ Алагир, 1600 м [А.Л.Озеров], "26.IV.1990" [Caucasus, North Ossetia, mountain ridge Bakhty Lapparyrag, 10 km SE Alagir, 26.IV.1990, coll. A.L. Ozerov]

DIAGNOSIS. The new species is similar to *S. nigripes* Meigen, 1826 and *S. mediana* Iwasa, 1989*, but easily differ from them by shape of male foreleg. *S. alanica* sp.n. good differs from *S. biflexuosa* Strobl, 1893 by male fore tibia and genitalia.

DESCRIPTION. Male. **Colour and integument structure.** Frons in upper half black, in lower half dark brown. Face and gena reddish-brown. Subgena and posteranium black. Antenna blackish, flagellum reddish basally from inside. Thorax and abdomen black. Legs black, but fore coxa yellowish. Wing clear, only slightly darkened basally, with dark spot near apex R_{2+3} . Veins

darkbrown. Calypters and their margins blackish. Haltere whitish.

Frons shining. Face, gena and posteranium greyish pruinose. Scutum, except postpronotal lobe, delicately greyish pruinose. Proepisternum greyish pruinose. Proepimeron shining, but whitish pruinose along lower margin. Anepisternum shining. Katepisternum, katepimeron, meron, metepimeron and metepisternum whitish pruinose. Anepimeron shining, but delicately whitish pruinose along posterior margin; greater ampulla delicately greyish pruinose, pleural wing process shining, but with delicately whitish pruinose below greater ampulla. Katatergite and anatergite delicately greyish pruinose. Mediotergite shining. Scutellum greyish pruinose. Abdomen shining.

Head and eye roundish from lateral view. Vertical diameter of eye approximately 6.5 times as long as gena (with subgena) below eye. Flagellum oval, with roundish apex, approximately 2.5 times as long as wide. Arista bare. 1 very short hair-like *or*, 1 *oc*, 1 *roc*, 1 *o vt* and 1 *i vt*. Lateral occipital sclerite with several setulae. 1-2 vibrissae. Gena with a row of setulae along lower margin.

Thorax. Scutum with the following paired setae: 1 *pprn*, 2 *npl*, 1 *spal*, 1 short and hair-like *pal*, 2 postsutural *dc*. Anepisternum in posterior half with hairs and with a seta near posterior margin. Scutellum with a pair of apical setae, basal setae hair-like. Postcoxal bridge absent.

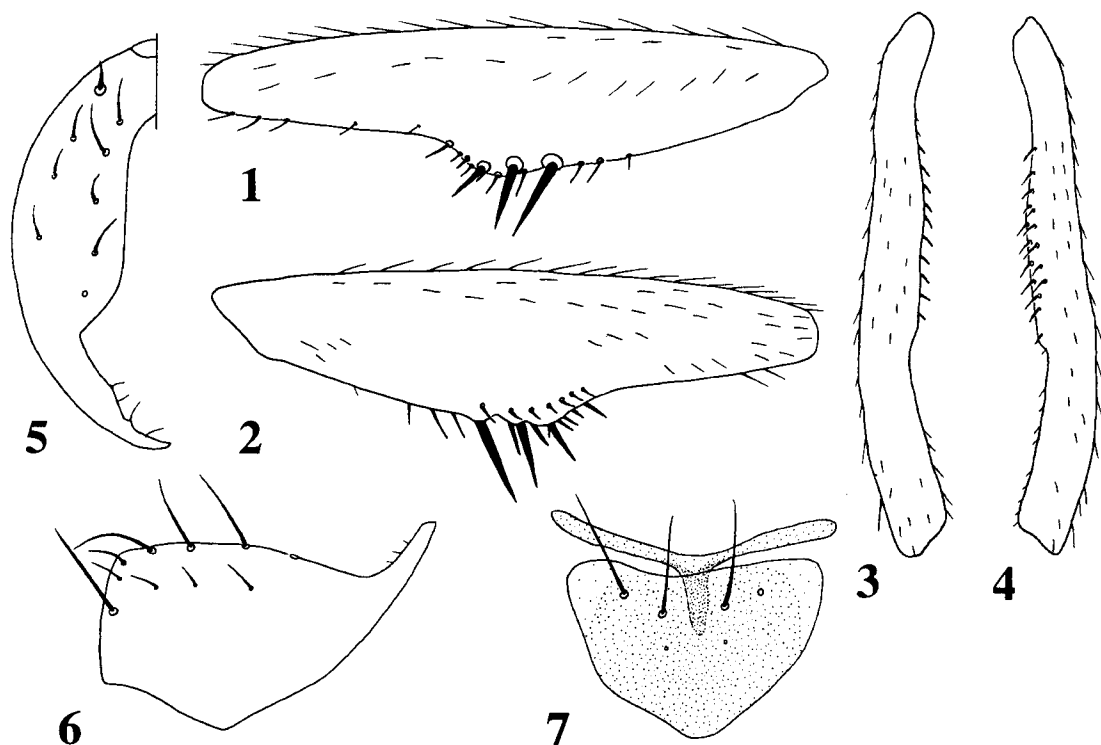
Legs. Fore coxa with preapical *d*. Fore legs as in Figs. 1-4. Mid and hind femora without striking setae. Mid tibia with 1 *pv* in apical third, 2 *a* in apical half, preapical *d* and with apicals *a* and *pv*. Hind tibia slightly thickened apically, without osmeterium, with 1 *a* near middle and 1 short preapical *d*.

Wing normal, longer than abdomen. Crossvein *bm-cu* present. Alula entirely covered with microtrichia. Margin of upper calypter with short hairs, margin of lower calypter without hairs.

Abdomen constricted after tergite 1+2. All tergites bearing scattered small setulae. Tergites 3-5 each with 2 dorsolateral marginal setae. Sternites 4 and 5 as in Fig. 7. Epandrium and surstyli as in Figs. 5, 6. Surstyli symmetrical, fused to epandrium.

Length of body: 2.1 mm. Length of wing: 1.9 mm.

* *S. mediana* was described from Pakistan [Iwasa, 1989]. There are 3 specimens from Turkmenistan in the ZMUM: 2 ♂♂, Morgunovka, 10 km N Kushka, 16.05.1991, coll. A.L. Ozerov; 1 ♂, Badkhyz, Kapele, 12.06.1991, coll. A.L. Ozerov. This species is registered for the first time in Palearctic.



Figs 1–7. *Sepsis alanica* sp. n., ♂: 1 — fore femur (left), posterior view; 2 — same, anterior view; 3 — fore tibia (left), posterior view; 4 — same, anterior view; 5 — epandrium and surstylus, dorsal view; 6 — epandrium and surstylus, lateral view; 7 — sternites 4 and 5.

Рис. 1–7. *Sepsis alanica* sp. n., ♂: 1 — бедро передней левой ноги, сзади; 2 — тоже, спереди; 3 — голень передней левой ноги, сзади; 4 — тоже, спереди; 5 — эпандрий и сурстий, сверху; 6 — эпандрий и сурстий, сбоку; 7 — стерниты 4 и 5.

Reference

- Iwasa M. 1989. Taxonomic study of the Sepsidae (Diptera) from Pakistan // Japanese J. of Sanitary Zoology. Vol.40. P.49–60.