

A new *Agyneta* Hull, 1911 from northern Yakutia, Russia (Aranei: Linyphiidae)

Новый вид рода *Agyneta* Hull, 1911 из Северной Якутии, Россия (Aranei: Linyphiidae)

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KEY WORDS: Spiders, Micronetinae, Arctic, *Agyneta*, new species.

КЛЮЧЕВЫЕ СЛОВА: Пауки, Micronetinae, Арктика, *Agyneta*, новый вид.

ABSTRACT. A new species, *Agyneta bulavintsevi* sp.n., is described from the environs of Tiksi, northern Yakutia, based on a single male. The new species seems to be most similar to the Fennoscandian-Siberian arcto-boreal *A. trifurcata* Hippa et Oksala, 1985, but differs well by the presence of a trichobothrium on metatarsus IV, as well as by some details of palpal structure.

РЕЗЮМЕ. Из окрестностей пос. Тикси (северная Якутия) по единственному экземпляру самца описан *Agyneta bulavintsevi* sp.n. Новый вид близок к фенноскандинавскому аркто-бореальному *A. trifurcata* Hippa et Oksala, 1985, от которого хорошо отличается наличием трихоботрии на предлапке IV, а также деталями строения пальпы.

Introduction

Checking the collections of the Zoological Museum of the Moscow State University, Moscow, Russia (ZMMU), I have recently come across a vial labeled as *Agyneta* sp., which contained a single male gained thirty years ago by Valery V. Bulavintsev from the environs of Tiksi (approximately 71.6340°N 128.8657°E), on the coast of the Laptev Sea, Arctic Ocean. This species has proven new while its description is the subject of this paper.

Material and methods

The type specimen is deposited in the ZMMU collection.

In the description, the sequence of leg segment measurements is as follows: femur + patella + tibia + metatarsus + tarsus. All measurements are given in mm. Scale line in the figures corresponds to 0.1 mm.

The terminology of genitalic structures follows that of Saaristo & Tanasevitch [1996].

The following abbreviations are used in the text and figures: E — embolus; EP — embolus proper; L — lamella characteristic; Mt — metatarsus; R — radix; TA — terminal apophysis; TmI, TmIV — position of metatarsal trichobothrium on leg I and IV, respectively.

Description

Agyneta bulavintsevi sp.n.

Figs 1–8.

HOLOTYPE ♂ (ZMMU, Ta-7750, labeled as *Agyneta* sp.), RUSSIA, Yakutia, environs of Tiksi, VIII.1985, leg. V. Bulavintsev.

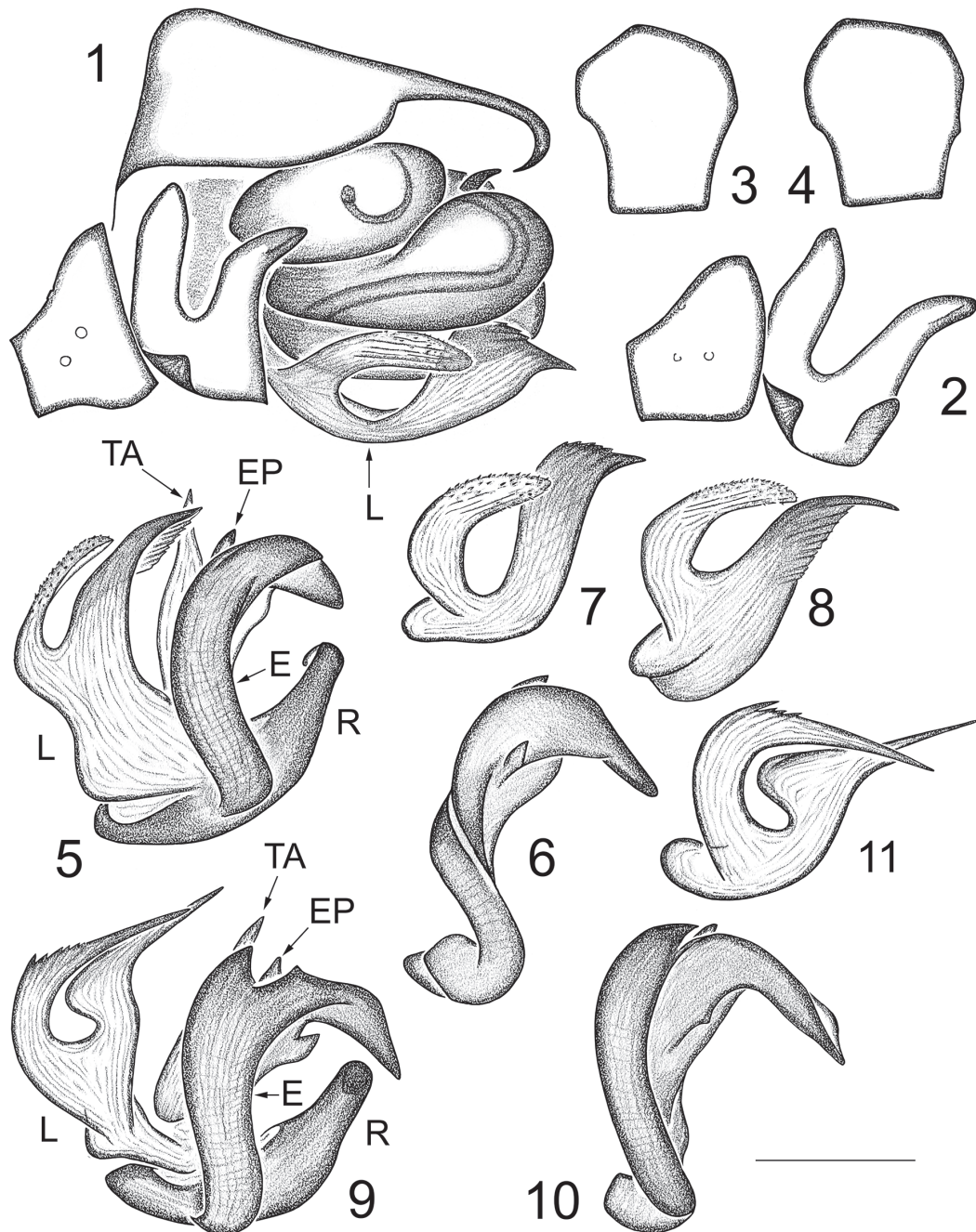
ETYMOLOGY. The new species is named in honour of the Russian conservationist zoologist, Valery V. Bulavintsev, who collected lots of material from the Arctic, including this species.

DESCRIPTION. ♂. Total length 1.70. Carapace 0.73 long, 0.60 wide, dark brown with a grey, polygonal, median spot. Chelicerae 0.25 long, weak. Legs yellow-brown. Leg I, 2.00 long (0.60 + 0.15 + 0.50 + 0.45 + 0.30); IV, 2.45 long (0.60 + 0.17 + 0.65 + 0.63 + 0.40). Chaetotaxy. All tibiae with two dorsal spines; Mt I–IV spineless. Each metatarsus with a trichobothrium. TmI, 0.88, TmIV, 0.84. Palp (Figs 1–8): Tibia short, without outgrowths. Cymbium slightly conical. Paracymbium simple, posterior pocket tooth-shaped. Lamella characteristic very large, with two branches: upper branch serrate, narrower and shorter than lower one. Embolus without teeth at its base. Abdomen 1.00 long, 0.65 wide, dark grey, almost black.

Female unknown.

TAXONOMIC REMARKS. The new species seems to be most similar to *A. trifurcata* Hippa et Oksala, 1985, but differs well by the presence of a trichobothrium on MtIV, as well as in shape of the lamella characteristic and embolus (cf. Figs 5–8 and 9–11).

DISTRIBUTION. Known from the type locality only.



Figs 1–11. *Agyneta bulavintsevi* sp.n., holotype (1–8) and *A. trifurcata* Hippa et Oksala, 1985, specimen from Lake Ayan, Putorana Plateau (9–11). 1 — right palp; 2 — palpal tibia and paracymbium; 3, 4 — palpal tibia, dorsal view, different aspects; 5, 9 — embolic division; 6, 10 — embolus; 7, 8, 11 — lamella characteristica, different aspects.

Рис. 1–11. *Agyneta bulavintsevi* sp.n., голотип (1–8) и *A. trifurcata* Hippa et Oksala, 1985, экземпляр с оз. Аян, плато Путорана (9–11). 1 — правая палепа; 2 — голень пальпы и парацимбиум; 3, 4 — голень пальпы, вид сверху, разные аспекты; 5, 9 — эмболосный отдел; 6, 10 — эмболос; 7, 8, 11 — ламелла, разные аспекты.

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Reference

- Saaristo M.I., Tanasevitch A.V. 1996. Redelimitation of the subfamily Micronetinae Hull, 1920 and the genus *Lepthyphantes* Menge, 1866 with descriptions of some new genera (Aranei, Linyphiidae) // Ber. nat.-med. Verein Innsbruck. Bd.83. S.163–186.

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