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NEW RECORDS OF LITHOBIID CENTIPEDES (CHILOPODA: LITHOBIOMORPHA) FROM WESTERN MONGOLIA

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Summary. New data on distribution of three lithobiid species in Western Mongolia are given. *Lithobius sibiricus* Gerstfeldt, 1858 is recorded from this territory for the first time and *L. giganteus* Sseliwanoff, 1881 is new for Khovd Aimag. Data on distribution and habitats of a poorly known *Schizotergitius altajicus* Loksa, 1978 are provided.

Key words: centipedes, Lithobiidae, fauna, new records, Asia.

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Резюме. Приводятся новые данные по распространению многоножек-костянок в Западной Монголии. *Lithobius sibiricus* Gerstfeldt, 1858 впервые указывается для монгольского Алтая, а *L. giganteus* Sseliwanoff, 1881 – из аймака Ховд. Приведены данные о распространении и биотопическом распределении слабо изученного *Schizotergitius altajicus* Loksa, 1978.

The centipede fauna of the Mongolian part of Altai and adjacent territories is insufficiently studied. Six species are known from Xinjiang (China) (Ma *et al*., 2014) and 15 species from Altai Republic in Russia (Zalesskaja, 1978; Nefediev *et al*., 2016, 2017a, b). Ten species of centipedes are known from the best studied northern part of Mongolia (Poloczek *et al*., 2016), while only six species have been reported from western part of country, namely *Disphaerobius svenhedini* (Verhoeff, 1934), *Lithobius* (*Ezembius*) *giganteus* Sseliwanoff, 1881, *L.* (*E.*) *mongolellus* Loksa, 1978, *L.* (*E.*) *mongolomedius* Loksa, 1978, *Hessebius styliferus* (Loksa, 1978) and *Schizotergitius altajicus* Loksa, 1978 (Loksa, 1965, 1978; Farzalieva *et al*., 2017). This paper is based on the material collected by A.A. Fomichev (AF), R.V. Yakovlev (RY), O. Berdaulet (OB) and D. Nuralla (DN) in several localities in Khovd and Bayan-Ölgii Aimags in 2015. The studied material is deposited in the collection of the Altai State University (Barnaul, Russia).

NEW RECORDS

Order Lithobiomorpha Pocock, 1895

Family Lithobiidae Newport, 1844

***Lithobius* (*Ezembius*) *giganteus* Sseliwanoff, 1881**

MATERIAL. **Mongolia**: Khovd Aimag: Baitag-Bogd-Uul Mt. Range, Baruun-Khargaityn-Gol River Valley, 45°16'N, 90°57'E, 1900-2000 m, stony desert, 18-21.V 2015, 1 ♂ (AF); same range, Khoshootiyn-Khotol Mt., 45°13'N, 90°54'E, 3050 m, stony alpine meadow, 22.V 2015, 1 ♂ (AF); same range, Gakhai-Gol River Valley, 45º15'N, 91º08'E, 1900-2000 m, stony desert, 24.V 2015, 3 ♂, 2 ♀ (AF); same range, Khoshootiyn-Khotol Mt., 45°13'N, 90°54'E, 3050 m, alpine meadow with rocks and screes, 4.VII 2015, 3 ♀ (AF); Dzhargalant-Khairkhan Mt. Range, Ar-Shaatyn-Gol River Valley, 47°44'N, 92°27'E, 2100 m, pebble bank of dry river, 3.VI 2015, 1 ♂ (RY); same locality, 47°43'N, 92°28'E, 2800-2900 m, stony mountain steppe, 25.VI 2015, 1 ♂ (AF); Khondiyn-Gol River Valley, 46°08'N, 92°30'E, 1750-1900 m, 27-28.VI 2015, 1 ♂ (AF, RY); Ikh-Khavtag-Uul Mt. Range, near Zhugentiyn Spring, 45°04'N, 92°13'E, 2050-2300 m, mountain stony steppe with rocks, 30.VI–2.VII 2015, 1 ♂, 1 ♀ (AF); Bayan-Ölgii Aimag: near Olon-Nuuruud, 48°29'N, 90°38'E, 2400 m, mountain stony steppe with rocks, 24.VI 2015, 1 ♂, 3 ♀ (AF, RY, OB, DN); Buratyn-Davaa Mt. Pass, 48°28'N, 90°27'E, 2600 m, mountain stony steppe, 24.VI 2015, 1 ♂ (AF, OB, DN); Gurvan-Khairgantyn-Uul Mt. Range, 5 km NNW from Toshirtyn-Uul Mt., 48°50'N, 89°01'E, 2700 m, mountain stony steppe with rocks, 14.VII 2015, 3 ♂, 2 ♀, 1 juv. (AF).

DISTRIBUTION. This species is known from Kirgizia (Issyk-Kul Region), Russia (Republic of Buryatia), North China and northern, western (including Govi-Altai and Bayan-Ölgii Aimags) and central parts Mongolia (Loksa, 1965, 1978; Zalesskaja, 1978; Ma *et al.,* 2014; Poloczek *et al.,* 2016). Here *L. giganteus* is firstly recorded from Khovd Aimag.

***Lithobius* (*Ezembius*) *sibiricus* Gerstfeldt, 1858**

MATERIAL. **Mongolia**: Bayan-Ölgii Aimag, Cengel-Khairkhan-Nuruu Mt. Range, 5 km W from Yolt-Uul Mt., 48°09'N, 89°12'E, 2500 m, taluses in thickets of *Juníperus*, 11.VII 2015, 1 ♀ (AF).

DISTRIBUTION. *Lithobius sibiricus* is one of the most widespread species in Siberia and also known from northern part of Mongolia (Selenge, Töv and Khentii Aimags) (Loksa, 1965, 1978; Zalesskaja, 1978; Poloczek *et al*., 2016). Here this species is recorded from western Mongolia for the first time.

***Schizotergitius altajicus* Loksa, 1978**

MATERIAL. **Mongolia**: Bayan-Ölgii Aimag, Buratyn-Davaa Mt. Pass, 48°28'N, 90°27'E, 2600 m, mountain stony steppe, 24.VI 2015, 8 ♂, 1 juv. (AF, OB, DN); Khovd Aimag: Dzhargalant-Khairkhan Mt. Range, Ar-Shaatyn-Gol River Valley, 47°43'N, 92°29'E, 3300-3500 m, mountain stony tundra, 25.VI 2015, 2 ♂ (AF); Ikh-Khavtag-Uul Mt. Range, Zhugentiyn Spring, 45°04'N, 92°13'E, 2050-2300 m, mountain steppe with rocks, 30.VI–2.VII 2015, 1 ♂ (AF).

DISTRIBUTION. This species was known from south-western part of Mongolia (Govi-Altai Aimag, mountain pass, about 2500 m) (Loksa, 1978). Here species is reported from Khovd and Bayan-Ölgii Aimags in the Mongolian part of Altai for the first time.

NOTES. In Govi-Altai Aimag this species inhabits the steppe and desert steppe (Ulykpan, 1988), while studied specimens were collected in the mountain stony tundra and steppe with rocks.

Thus, three species of lithobiid centipedes are recorded here from the Mongolian part of Altai. *Lithobius giganteus* is widespread in Mongolia; *L. sibiricus* is new for Western Mongolia, and *Schizotergitius altajicus* is reported from Khovd and Bayan-Ölgii Aimags for the first time.

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