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Faunistic review of the jumping spiders of Transbaikalia (Aranei Salticidae).

Фаунистический обзор пауков-скакунчиков Забайкалья (Aranei Salticidae).

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КЛЮЧЕВЫЕ СЛОВА: пауки-скакунчики, Забайкалье, аннотированный список, *Evarcha mongolica* sp.n., *Sitticus buryaticus* sp.n.

ABSTRACT. The paper gives an annotated check-list of Salticidae of Transbaikalia amounting to 68 species. Two species, *Evarcha mongolica* sp.n. and *Sitticus buryaticus* sp.n., are described as new; one species, *Pellenes lapponicus* (Sundevall, 1832), being new to the Siberian fauna, is redescribed, including material also from Tuva. Maps of all localities and notes on distributions and habitats are given as well.

РЕЗЮМЕ. В статье приводится аннотированный список Salticidae Забайкалья, насчитывающий 68 видов. Два вида, *Evarcha mongolica* sp.n. и *Sitticus buryaticus* sp.n., описаны как новые для науки. Один вид, *Pellenes lapponicus* (Sundevall, 1832), впервые отмечен в фауне Сибири и переописан, используя также материалы по этому виду из Тувы. Дана карта местонахождений всех видов на исследуемой территории, а также представлены данные по распространению и местообитанию для большинства видов.

Introduction.

The first records of jumping spiders from Transbaikalia (4 species) belong to Kulczynski [1895]. Although a number of faunistic papers on the family Salticidae from this region have since been published, there is only one paper [Danilov, 1989] specially devoted to the salticid fauna of Transbaikalia. In this work, a list of 25 species is given, including all data known from the literature [Odenwall, 1901; Kulczynski, 1901; Proszynski, 1979; Izmailova, 1980, 1989a, b; Sternbergs, 1981; Nenilin, 1985; Verzhutsky et al., 1985; Marusik & Cutler, 1989]. Additional data are scattered in a number of sources [Danilov, 1990; Danilov & Kurtova, 1991; Logunov & Marusik, 1991; Logunov, 1992 a, b; Logunov & Wesolowska, 1992]. In spite of a considerable faunistic literature, the salticid fauna of Transbaikalia has been studied insufficiently as yet. Up to now, only 38 species of jumping spiders have been recorded from the vast territory concerned.

Of these species, *Heliophanus simplex* Simon, 1868, reported by Izmailova [1989a] ought to be excluded from the list as a misidentification, most probably assignable to *Heliophanus dubius* C.L. Koch, 1835. According to Wesolowska [1986, map 899], *H. simplex* is restricted to South Europe.

Another species, *Evarcha albaria* (L. Koch, 1878), has been reported by Izmailova [1980, 1989a] and Verzhutsky et al. [1985, Izmailova's identification]. However, the epigyne of *E. albaria* as drawn by Izmailova [1989a, Fig. 152] eventually does not belong to this species. Doubtlessly, this is *Dendryphantes biankii* Proszynski, 1979. Two other records of *E. albaria* [Izmailova, 1980; Verzhutsky et al., 1985] are based on the same material, so this species has been also omitted from our species list, being considered as another misidentification.

One more species excluded from the list is *Sitticus rupicola* (C.L.Koch, 1837), previously reported from a single ♀ from Buryatia (Zaktui Village) by Izmailova [1989a]. Again that author failed to give a drawing of her specimen and, as she seems to have missed a study of the internal structure of the genitalia, it is very likely that she actually dealt with *Sitticus floricola* (C.L.Koch, 1837). At the moment, one of us (DL) is of the

opinion that the easternmost reliable locality for *Sitticus rupicola* lies within Novosibirsk Area (Material: 1 ♀ (BI), environs of Novosibirsk, Vaskhnil, June 1991, D. Stundiuk), so any more easterly discovery ought to be verified using pertinent material [see also Logunov & Wesolowska, 1992].

The present paper gives a full account of 68 Salticidae species recorded in Transbaikalia, including both original and literature data.

Material and methods.

This study covers the mountain territory, lying within the administrative borders of Buryatia and Chita Area (Fig. 1), usually termed as Transbaikalia, or Dahuria.

The greater part of material was collected by us in 1980-1992. Some materials incorporated here have been collected by Dr. M.T. Sternbergs (M.S.) and staff members of the Biological Institute, Novosibirsk. The material is shared between the collections of the Buryat Institute of Biology, Ulan-Ude (BIB); the Biological Institute, Novosibirsk (BI); the Zoological Museum of the Moscow State University (ZMMU), and the Zoological Institute, St.Petersburg (ZIP).

Habitat preferences are given only for species not mentioned by Logunov [1992b] and Logunov & Wesolowska [1992], and also when the present data supplement earlier ones.

In the text, each locality is followed by the respective number put in square brackets ([]) and referring to the number in Fig. 1.

Abbreviations accepted in the descriptions are: AME — anterior medial eyes; PME — posterior medial eyes; d. — dorsally; v. — ventrally; pr. — prolaterally; rt. — retrolaterally; ap. — apically.

The sequence of leg segments in the measurement data is as follows: femur + patella + tibia + metatarsus + tarsus. Leg spination is usually described as proposed by Ono [1988]. All measurements are in mm.

List of species.

Genus *Aelurillus* Simon, 1884.

Aelurillus festivus (C.L.Koch, 1834).

MATERIAL: BURYATIA. Ivolginsk Distr.: 2 ♀♀ (BIB), Mostovoi [22], 20.8.1988, S.D.; 1 ♀ (BIB), same locality, 25.5.1990, S.D. - Selenginsk Distr.: 2 ♂♂ (BIB), Deben, Selenga River [16], 10.8.1990, S.D. - Bichura Distr.: 1 ♂ (BIB), Okino-Kluchi [19], 16.6.1983, S.D. - Barguzin Distr.: 1 ♀ (BIB), Lake Baikal, Svyatoy Nos Peninsula, Glinka [29], 27.6.1991, S.D.; 2 ♀♀ (BIB), Ust-Barguzin [28], 1.6.1988, S.D. - Zaigraevo Distr.: 2 ♀♀ (BIB), Bryanka River [23], 2.6.1990, S.D. - Severobaikalsk Distr.: 1 ♂ (BI), Barguzinsky Reserve, Severny Kordon [31], 30.7.1990, M.S. - CHITA AREA. Kyra Distr.: 8 ♂♂, 2 ♀ (BI), 5 km E of Kyra [38], 19.6.1991, D.L.; 4 ♀♀ (BI), Sokhondo Reserve [39], Kordon Agutsa, Kumyl, 1,100 m alt., 16.6.1991 D.L.; 2 ♂♂ (BI), same locality, confluence of Ernichny Stream and Bukukun River, 1,200 m alt., 4.6.1991, D.L.

COMMENTS: Previous faunistic records in Transbaikalia include data by Kulczynski [1895], Sternbergs [1981], Izmailova [1989a], and Danilov [1989]. Additional localities are: Chita Area (Darasun [35], Buryatia (Lake Gusinoye [12], Tayozhny [13]).

Aelurillus sp.

MATERIAL: BURYATIA. Zaigraevo Distr.: 2 ♂♂ (BIB), Bryanka River [23], 9.6.1990, S.D.

COMMENTS: The specimens belong to a new species to be described in a separate paper. The same species has been recorded in Tuva by Logunov [1992b] as *Aelurillus* cf. *potanini* (Schenkel, 1963).

Aelurillus v-insignitus (Clerck, 1758).

MATERIAL: CHITA AREA. Kyra Distr.: 2 ♂♂ (BIB), Sokhondo Reserve [38]; Verkhny Bukukun, 1,600 m alt., 21.7.1990, S.D.; 1 ♂ (BI), same locality, 2-3.8.1991, V. Dubatolov; 8 ♂♂, 1 ♀ (BI), same locality, 22.7.1991, N. Gladkevich; 1f (BI), same locality, valley of Ingoda River, confluence with Ubur-Ashaglei Stream, 1,300 m alt., 9.6.1991, D.L.

COMMENTS: The only earlier record made by Danilov & Kurtova [1991] derived from Chita Area [38].

HABITAT: The species can be found in plain and slope stony steppes as well as in sparse larch forests bordered by mountain shrub-moss tundras (1,600-1,700 m alt.).

Genus *Bianor* Peckham & Peckham, 1885.

Bianor aurocinctus (Ohlert, 1865).

MATERIAL: BURYATIA. Kabansk Distr.: 1 ♀ (BIB), Baikalsky Reserve [6], 1.7.1981, S.D.

COMMENTS: The species has been recorded in Transbaikalia by Izmailova [1980, 1989a], Verzhutsky et al. [1985], Danilov [1989] and Logunov & Marusik [1991]. Additional localities are: Chita Area (Kust-Kemda [33], Apsat River [34]); Buryatia (Selenginsk [10]).

Fig. 1. Localities of Salticidae in Transbaikalia (both original and literature data). BURYATIA: Tunkinsky Distr.: 1 — Kyren; 2 — Zaktui. — Zakamensk Distr.: 3 — Khara-Tsai; 4 — Shara-Azarga; 5 — Ulegchin, Nizhny Torei, Dzhida River. — Kabansk Distr.: 6 — Baikalsky Reserve; 7 — Boyarsk; 8 — Posolsky Sor Gulf; 9 — Murzino; 10 — Selenginsk, Tarakanovka. — Selenginsk Distr.: 11 — Tokhoi; 12 — Lake Gusinoye; 13 — Tayozhny; 14 — Tashir; 15 — Lake Shuchye; 16 — Deben. — Kyakhta Distr.: 17 — Kyakhta, Dureny; 18 — Ust-Kiran. — Bichura Distr.: 19 — Okino-Kluchi. — Tarbagatay Distr.: 20 — Verkhni Zhirim. — Ivolginsk Distr.: 21 — Ivolginsk; 22 — Ulan-Ude, Sotnikovo, Mostovoi. — Zaigraevo Distr.: 23 — 10 km E of Onokhoi, Bryanka River. — Pribaikalsky Distr.: 24 — Burdukovo; 25 — Turuntaevo. — Kizhinga Distr.: 26 — Novokizhinginsk. — Eravninsky Distr.: 27 — Pogromnoe (= Komsomolskoye). — Barguzin Distr.: 28 — Ust-Barguzin; 29 — Svyatoy Nos Peninsula; 30 — Chevyrkuy Bay. — Severobaikalsk Distr.: 31 — Barguzinsky Reserve. — Baunt Distr.: 32 — Amalat River. — CHITA AREA: Kalarsky Distr.: 33 — Kust-Kemda; 34 — Dogoptchan, Apsat River. — Karymskoye Distr.: 35 — Darasun. — Ononsky Distr.: 36 — Nizhny Tsasuchei. — Tungokochensky Distr.: 37 — Tsugol. — Kyra Distr.: 38 — Kyra; 39 — Sokhondo Reserve.

Рис. 1. Места находок Salticidae в Забайкалье (оригинальные и литературные данные). БУРЯТИЯ: Тункинский р-н: 1 — п. Кырен; 2 — п. Зактуй. — Закаменский р-н: 3 — п. Хара-Цай; 4 — п. Шара-Азарга; 5 — п. Улекчин, п. Ниж. Торей, р. Джида. — Кабанский р-н: 6 — Байкальский запов.; 7 — п. Боярск; 8 — бух. Посольский Сор; 9 — п. Мурзино; 10 — г. Селенгинск, п. Таракановка. — Селенгинский р-н: 11 — п. Тохой; 12 — оз. Гусиное; 13 — п. Таежный; 14 — п. Ташир; 15 — оз. Щучье; 16 — п. Дэбэн. — Кяхтинский р-н: 17 — г. Кяхта, п. Дурены; 18 — п. Усть-Киран. — Бичурский р-н: 19 — п. Окино-Ключи. — Тарбагатайский р-н: 20 — п. В. Жирим. — Иволгинский р-н: 21 — п. Иволгинск; 22 — г. Улан-Удэ, п. Сотниково, п. Мостовой. — Заиграевский р-н: 23 — 10 км В п. Онохой, р. Брянка. — Прибайкальский р-н: 24 — п. Бурдуково; 25 — п. Турунтаево. — Кижингинский р-н: 26 — п. Новокижингинск. — Еравнинский р-н: 27 — п. Погромное (= Комсомольское). — Баргузинский р-н: 28 — п. Усть-Баргузин; 29 — п-ов Святой Нос; 30 — бух. Чивыркуй. — Северобайкальский р-н: 31 — Баргузинский запов. — Баунтовский р-н: 32- р. Амалат. — ЧИТИНСКАЯ ОБЛ.: Каларский р-н: 33 — п. Кюсть-Кемда; 34 — п. Догопчан, р. Апсат. — Карымский р-н: 35 — п. Дарасун. — Ононский р-н: 36 — п. Ниж. Цасучей. — Тунгокоченский р-н: 37 — п. Цугол. — Кыринский р-н: 38 — п. Кыра; 39 — Сохондинский запов.

HABITAT: The single ♀ has been taken from litter in a birch forest.

Bianor inexploratus Logunov, 1991.

MATERIAL: BURYATIA. Zaigraevo Distr.: 3 ♂♂ (BIB), Bryanka River [23], 9.6.1990, S.D.; 1 ♂, 2 ♀♀ (BIB), same locality, 2.6.1992, S.D.

COMMENTS: The record in Buryatia presently marks the easternmost limit of the species range. To date the species has been known from Azerbaijan and Tuva [Logunov, 1991].

HABITAT: Slope stony steppes, in Tuva in plain *Lasiogrostis splendens* steppes.

Bianor stepposus Logunov, 1991.

COMMENTS: The species has been recorded in Transbaikalia (Chita Area: environs of Kyra [38] and Sokhondo Reserve [39]) by Logunov [1992a].

Genus *Carrhotus* Thorell, 1891.

Carrhotus xanthogramma (Latreille, 1819).

MATERIAL: BURYATIA. Kabansk Distr.: 3 ♂♂, 3 ♀♀ (BIB), Tarakanovka [10], 11.6.1990, S.D.

COMMENTS: The only previous record is that made by Danilov [1989] from the environs of the town of Selenginsk [10], Buryatia.

Genus *Chalcoscirtus* Bertkau, 1880.

Chalcoscirtus alpicola (L.Koch, 1876).

MATERIAL: CHITA AREA. Kyra Distr.: 3 ♂♂, 1 ♀ (BI), Sokhondo Reserve [39], confluence of Larionov Stream with Agutsa River, 1,350 m alt., 13.6.1991, D.L.; 2 ♂♂, 1 ♀ (BI), same locality, Tsanginandui River, 1,350-1,400 m alt., 10.6.1991, D.L.; 1 ♀ (BI), same locality, Bukukun River, 1,600-1,650 m alt., 1.6.1991, D.L.; 1 ♂ (BI), same locality, valley of Ingoda River, Ubur-Ashaglei, 1,300-1,350 m alt., 9.6.1991, D.L.

COMMENTS: This species has a Holarctic hypoarctic-montane range, the records in Transbaikalia being the southernmost.

HABITAT: The species can be taken from litter in slope stony steppes or in steppe clearings within sparse *Larix* forests or shrub bogs (low alder thickets, yernik) in river valleys.

Chalcoscirtus grishkanae Marusik, 1988.

MATERIAL: CHITA AREA. Kyra Distr.: 2 ♂♂, 1 ♀♀ (BI), Sokhondo Reserve [39], Vershina Bukukuna, 1,700 m alt., 1.6.1991, D.L.

COMMENTS: Up to now the species has been known from the upper Kolyma River, Magadan Area [Marusik, 1988, 1991].

HABITAT: Mountain lichen-*Dryas* stony tundra.

Chalcoscirtus glacialis Caporiacco, 1935.

MATERIAL: BURYATIA. Ivolginsk Distr.: 3 ♀♀ (BIB), environs of Ulan-Ude [22], 29.5.1990, S.D. - Zaigraevo Distr.: 8 ♂♂ (BIB), 10 km E of Onokhoi Village, Bryanka River [23], 2.6.1990, S.D.

Chalcoscirtus hyperboreus Marusik, 1990.

COMMENTS: The species has been recorded in Transbaikalia (Chita Area: Sokhondo Reserve [39]) by Danilov & Kurtova [1991]. Besides this locality, this species has been reported only from the upper Kolyma valley, Magadan Area [Marusik, 1991].

HABITAT: Mountain humid moss-shrub tundras.

Genus *Dendryphantes* C.L.Koch, 1837.

Dendryphantes biankii Proszynski, 1979.

MATERIAL: BURYATIA. Baunt Distr.: 1 ♀ (BIB), Amalat River [32], 21.8.1990, S.D. - Kabansk Distr.: 1 ♀ (BI), delta of Selenga River, Murzino [9], 29.06.1985, B. Zakharov. - Ivolginsk Distr.: 1 ♀ (BI), Ulan-Ude [22], 24.07.1990, M.S. - CHITA AREA. Kyra Distr.: 1 ♂ (BI), 3-5 km E of Kyra Village [38], 800-850 m alt., 19.06.1991, D.L.; 2 ♀♀ (BI), Sokhondo Reserve [39], valley of Agutsa River, 1,100 m alt., 16.06.1991, D.L.; 1 ♀ (BI), same locality, confluence of Bukukun River and Ernichny Spring, 1,300-1,400 m alt., 8.08.1991, V. Pekin.

COMMENTS: The species has hitherto been recorded in Chita Area (Sokhondo Reserve [39] and from the environs of Kust-Kemda [33]) by Danilov & Kurtova [1991] and Izmailova [1989a, Fig. 152: sub *E. albaria*].

HABITAT: The species occurs on various shrubs and tree trunks in mixed and deciduous forests in river valleys, it can be found also on shrubs in slope shrub steppes.

Dendryphantes czekanowskii Proszynski, 1979.

MATERIAL: CHITA AREA. Kyra Distr.: 1 ♂, 2 ♀♀ (BI), Sokhondo Reserve [39], Lukovoe, 1,700 m alt., 11.6.1991, V. Pekin.

COMMENTS: The species is restricted to East Siberia, its southernmost locality lies within Chita Area.

HABITAT: Mountain moss-shrub tundras (on shrubs).

Dendryphantes fusconotatus (Grube, 1861).

MATERIAL: BURYATIA. Selenginsk Distr.: 2 ♀♀ (BIB), Deben [16], 7.8.1990, S.D.; 1 ♀ (ZMMU), Lake Gusinoye [12], 8.6.1961, L. Zimina. - Kizhinga Distr.: 1 ♀ (BIB), 10 km S of Novokizhinginsk [26], 28.6.1984, S.D. - Ivolginsk Distr.: 10 ♀♀ (BIB), Sotnikovo [22], 29.5.1990, S.D.; 1 ♂, 1 ♀ (BIB), Ivolginsk [21], 6.6.1990, S.D. - Zaigraevo Distr.: 1 ♂, 1 ♀ (BIB), 10 km E of Onokhoi, Bryanka River [23], 9.6.1990, S.D. - Zakamensk Distr.: 2 ♂♂ (BIB), Shara-Azarga [4], 22.6.1990, S.D. - Severobaikalsk Distr.: 1 ♂, 2 ♀♀ (BI), Barguzinsky Reserve, Kordon Severny [31], 30.7.1990, M.S. - CHITA AREA. Kyra Distr.: 2 ♂♂, 5 ♀♀ (BI), 3 km E of Kyra [38], 30.5-19.6.1991, D.L.; 1 ♀ (BI), Sokhondo Reserve [39], valley of Agutsa River, 3-5 km SW from Buninda Hut, 1,300 m alt., 14.6.1991, D.L.; 5 ♀♀ (BI), same locality, confluence of Bukukun River and Ernichny Stream, 1,200 m alt., 14.6.1991, D.L.

COMMENTS: Records in Transbaikalia have been made by Kulczynski [1895], Izmailova [1980, 1989a, b], Verzhutsky et al. [1985] and Danilov [1989]. Additional localities are: Chita Area (Kust-Kemda Village [33]; Buryatia (Turuntaevo [25] and Tayozhny [13]).

Dendryphantes hastatus (Clerck, 1758).

MATERIAL: BURYATIA. Bichura Distr.: 1 ♀ (BIB), Okino-Kluchi [19], 17.6.1983, S.D.; 1 ♀ (BIB), same locality, 6.8.1983, S.D. - Kabansk Distr.: 1 ♂ (BIB), Tarakanovka [10], 19.6.1990, S.D. - Ivolginsk Distr.: 1 ♀ (BIB), Mostovoi [22], 11.7.1983, S.D.

COMMENTS: The species has hitherto been recorded by Verzhutsky et al. [1985] and Danilov [1989]. Additional localities are: Chita Area (Dogoptchan [34]); Buryatia (Selenginsk [10]).

Dendryphantes rudis (Sundevall, 1832).

MATERIAL: BURYATIA. Environs of Ulan-Ude: 6 ♀♀ (BIB), Vakhmistrovo [22], 31.5.1993, S.D. - Ivolginsk Distr.: 3 ♂♂, 6 ♀♀ (BIB), Mostovoi [22], 26.7 - 10.8.1990, S.D. - Bichura Distr.: 3 ♂♂, 7 ♀♀ (BIB), Okino-Kluchi [19], 28.5 - 6.8.1983, S.D. - Selenginsk Distr.: 1 ♂, 3 ♀♀ (BIB), Deben [16], 7-29.8.1990, S.D. - Zaigraevo Distr.: 1 ♂ (BIB), 10 km E of Onokhoi, Bryanka River [23], 25.7.1992, S.D. - CHITA AREA. Ononsky Distr.: 1♂ (BIB), Nizhny Ononsky [36], 25.6.1984, S.D.

COMMENTS: Previous records in Transbaikalia include data by Sternbergs [1981], Verzhutsky et al. [1985], Izmailova [1989a], Danilov [1989] and Logunov [1992b]. Additional localities are: Buryatia (Barguzinsky Reserve [31]), Chita Area (Dogoptchan [34]).

Dendryphantes tuvinensis Logunov, 1991.

MATERIAL: BURYATIA. Ivolginsk Distr.: 1 ♀ (BIB), Sotnikovo [22], 29.5.1990, S.D.; 1 ♀ (BIB), Ivolginsk [21], 11.8.1992, S.D. - Selenginsk Distr.: 2 ♀♀ (BIB), Deben [16], 28.8.1990, S.D.

COMMENTS: The species has hitherto been recorded in Buryatia (environs of Ulan-Ude [22]) and Chita Area (environs of Kyra [38] and Sokhondo Reserve [39]) by Logunov [1992b].

Genus *Euophrys* C.L.Koch, 1834.

Euophrys erratica (Walckenaer, 1826).

MATERIAL: BURYATIA. Environs of Ulan-Ude [22]: 1 ♂ (BI), 24.7.1990, M.S. - Barguzin Distr.: 1 ♀ (BIB), Lake Baikal, Svyatoi Nos Peninsula, Glinka [29], 27.6.1991, S.D.; 6 ♂♂, 4 ♀♀ (BIB), Svyatoi Nos Peninsula, Monakhovo [29], 20.7.1991, S.D.

COMMENTS: Transbaikalia obviously represents the easternmost limit in the range of *E. erratica*.

Euophrys frontalis (Walckenaer, 1802).

MATERIAL: BURYATIA. Barguzin Distr.: 1 ♂ (BIB), Lake Baikal, Svyatoi Nos Peninsula, Glinka [29], 27.6.1991, S.D.

COMMENTS: The previous records in Transbaikalia belong to Danilov [1989] and Logunov et al. [1993], both within Buryatia (Selenginsk [10]).

Euophrys proszynskii Logunov, Cutler & Marusik, 1993.

COMMENTS: The species has been recorded in Buryatia (Okino-Kluchi [19]) and Chita Area (environs of Kyra [38] and Sokhondo Reserve [39]) by Logunov et al. [1993].

Genus *Evarcha* Simon, 1902.

Evarcha arcuata (Clerck, 1757).

MATERIAL: BURYATIA. Environs of Ulan-Ude: 2 ♂♂, 3 ♀♀ (BIB), Verkhnyaya Beryozovka [22], 8.6.1990, S.D. - Kabansk Distr.: 4 ♂♂, 13 ♀♀ (BIB), Tarakanovka [10], 11-19.6.1990, S.D. - Selenginsk Distr.: 1 ♂ (BIB), Lake Shuchye [15], July 1990, S.D. - Severobaikalsk Distr.: 1 ♂ (BI), Barguzinsky Reserve, Kordon Severny [31], 30.7.1990, M.S.

COMMENTS: Records in Transbaikalia belong to Sternbergs [1981], Verzhutsky et al. [1985] and Danilov [1989]. Additional localities are: Chita Area (Dogoptchan [34]; Buryatia (Selenginsk [10], Bo-

yarsk [7]).

Evarcha falcata (Clerck, 1758).

MATERIAL: BURYATIA. Environs of Ulan-Ude [22]: 1 ♂, 2 ♀♀ (BI), 24.7.1990, M.S. - Barguzin Distr.: 2 ♀♀ (BIB), Lake Baikal, Svyatoi Nos Peninsula [29], 27.6.1991, S.D.; 4 ♀♀ (BIB), same locality, 20.7.1991 S.D. - Severobaikalsk Distr.: 2 ♀♀ (BI), Barguzinsky Reserve, Antominskoye [31], 31.7.1990, M.S. - Tunkinsky Distr.: 2 ♂♂ (ZIP), «Zaktush» (Zaktui) [2], 17.6.1969, coll. ? - CHITA AREA. Kyra Distr.: 1 ♂, 1 ♀ (BI), Sokhondo Reserve [39], confluence of Larionov Stream with Agutsa River, 1,350 m alt., 13.6.1991, D.L.; 1 ♀ (BI), same locality, Kordon Agutsa, Kumyl, 1,100-1,200 m alt., 15.6.1991, V. Pekin; 1 ♂ (BI), same locality, confluence of Ernichny Stream with Bukukun River, 1,400-1,500 m alt., 11.8.1991, V. Pekin; 1 ♂ (BI), same locality, Vershina Bukukuna, 1,600-1,650 m alt., 22.7.1991, N. Gladkevich.

COMMENTS: Previously recorded by Odenwall [1901], Kulczynski [1901], Sternbergs [1981], Verzhutsky et al. [1985], and Danilov [1989]. Additional localities are: Buryatia (Bolshoi Mamai River, Selenginsk [10], Mostovoi [22] and Burdukovo [24]); Chita Area (Dogoptchan [34]).

Evarcha laetabunda (C.L.Koch, 1848).

COMMENTS: The species has been recorded by Danilov [1989](Buryatia, Mostovoi [22]). According to the opinion of one of us (DL), the record by Izmailova [1989a] requires confirmation, as it may belong to *E. falcata* (Clerck).

Evarcha michailovi Logunov, 1992.

MATERIAL: BURYATIA. Ivolginsk Distr.: 1 ♂ (BIB), Mostovoi [22], 28.8.1984, S.D. - CHITA AREA. Kyra Distr.: 1 ♂ (BI), 3-5 km E of Kyra [38], 900-950 m alt., 30.5.1991, D.L.

COMMENTS: Transbaikalia as well as Mongolia [s. Logunov, 1992b] seem to be the easternmost limits in the range of this species.

Evarcha mongolica **sp.n.**
Fig. 2, A,B.

MATERIAL: Holotype: 1 ♂ (BI, 1195), Chita Area, 3-5 km E of Kyra [38], 900-950 m alt., 30.5.1991, D.L.

Comparative material of *Evarcha jucunda* (Lucas, 1846): 1 ♂ (Inst. Zool. PAN, Warszawa, 74/59), «Dalmacja, N. Lokrum ad Dubrovnik, makia, pod kamieniami, 3.8.1959, A. Riedel».

DIAGNOSIS: The new species is most closely related both to *E. patagiata* (O.P.-Cambridge, 1872), from Palestine [s. Proszynski, 1984, p. 52], and *E. jucunda* (Lucas, 1846) (Fig. 2, C,D), from the Mediterranean, being distinguishable from the former by the shape of the tibial apophysis and more thick embolus, and from the latter species by the longer tibial apophysis. Among Siberian congeners, the new species is similar to *E. falcata* (Clerck, 1758), but it differs in the shape of both tegulum and embolus (cp. Figs 2, A,B & 2, E,F).

DISTRIBUTION: The type locality only.

HABITAT: The holotype has been collected by sweeping on shrubs in slope shrub-stone steppes.

DESCRIPTION: MALE. Measurements. Carapace 2.50 long, 1.90 wide, 1.25 high at PLE. Ocular area 1.15 long, 1.50 wide anteriorly and 1.50 wide posteriorly. Diameter of AME 0.43. Abdomen 2.40 long, 1.75 wide. Cheliceral length 0.85. Clypeal height 0.28. Length of leg segments: leg I - 1.50 + 0.95 + 1.23 + 0.88 + 0.58; leg II -1.35 + 0.75 + 0.80 + 0.70 + 0.53; leg III - 1.68 + 0.75 + 0.85 + 0.95 + 0.55; leg IV - 1.55 + 0.70 + 0.88 + 0.98 + 0.58. Leg spination. Leg I: Fm. d.0-1-1-3; Pt. pr.0-1-0; Tb. pr.1-1, v.2-2-2ap.; Mt. v.2-2ap. Leg II: Fm. d.0-1-2-4; Pt. pr.0-1-0; Tb. pr.1-1, v.1-1-2ap.; Mt. v.2-2ap. Leg III: Fm. d.0-1-2-4; Pt. pr. and rt.0-1-0; Tb. d.1-0, pr. and rt.1-1-1, v.1-2ap.; Mt. pr. and rt.1-2ap., v.2-2ap. Leg IV: Fm. d.0-1-1-2; Pt. pr. and rt.0-1-0; Tb. pr. and rt.1-1-1, v.1-2ap.; Mt. pr.2-2-2ap., rt.1-1-2ap., v.2ap.

Coloration. Carapace dark brown, with two wide white stripes along its sides. Eye field black. Clypeus orange-brownish. Sternum and chelicerae dark brown. Maxillae and labium dark brown with white apices. Abdomen dark grey. Dorsum with a pair of longitudinal rows of black spots. Book-lung covers yellow-grey. Spinnerets dark grey. All legs dark brown with yellow tarsi. Tibia I darker than other segments, almost black. Palp dark brown, its structure as shown in Fig. 2, A,B.

FEMALE: Unknown.

Genus *Harmochirus* Simon, 1885.

Harmochirus latens (Logunov, 1991).

COMMENTS: The species has been recorded in Buryatia (Tayozhny [13]) by Logunov & Wesolowska [1992].

Genus *Heliophanus* Koch C.L., 1833.

Heliophanus auratus C.L.Koch, 1835.

MATERIAL: BURYATIA. Kabansk Distr.: 13 ♂♂, 15

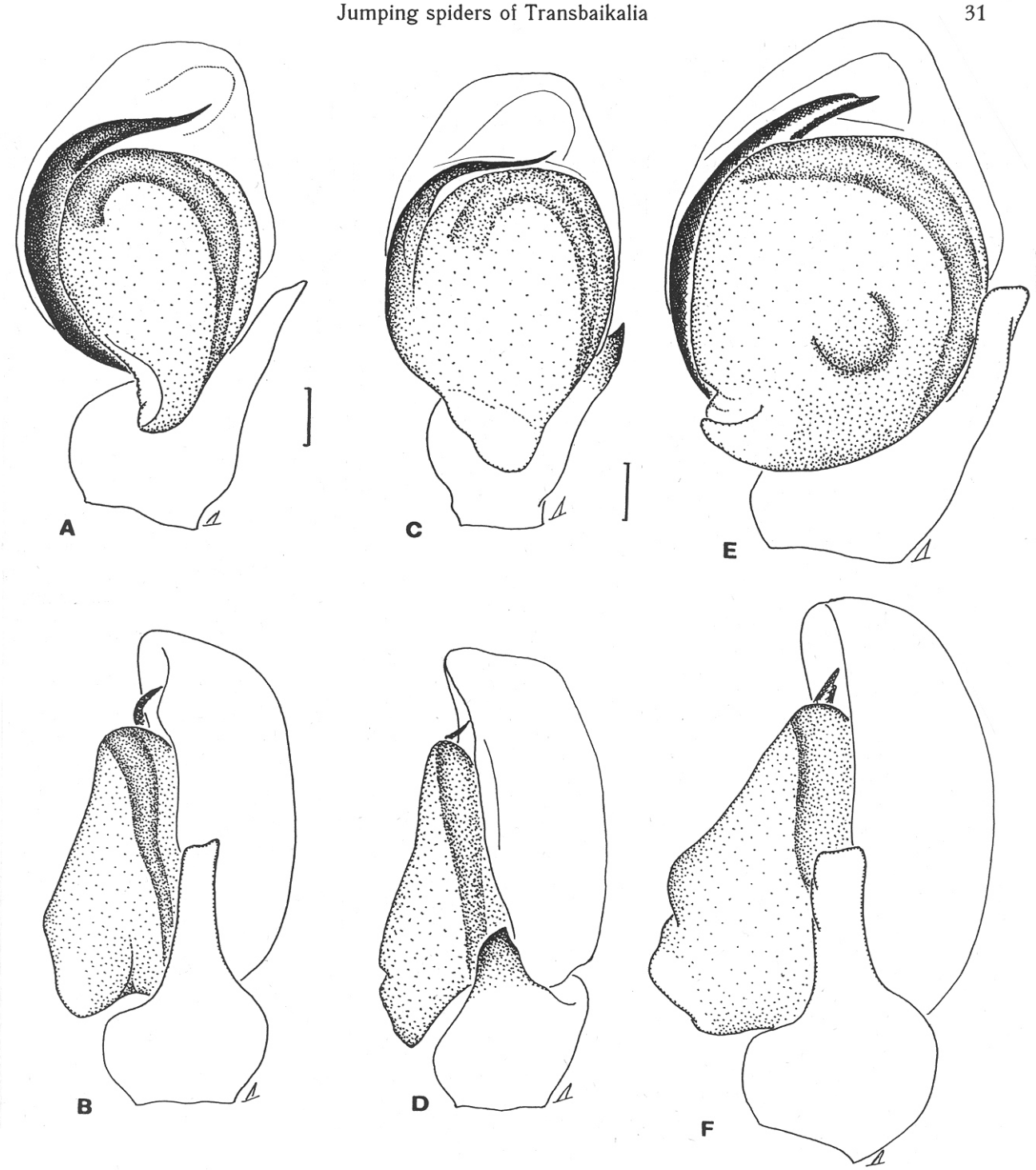

Fig. 2. Male palps of *Evarcha mongolica* sp.n. (A,B), *E. jucunda* (Lucas, 1846) (C,D), and *E. falcata* (Clerck, 1758): A,C,E — ventral view; B,D,F — lateral view. — Scale 0.1 mm.

Рис. 2. Пальпы самцов *Evarcha mongolica* sp.n. (A,B), *E. jucunda* (Lucas, 1846) (C,D) и *E. falcata* (Clerck, 1758): A,C,E — вид снизу; B,D,F — вид сбоку. — Масштаб 0,1 mm.

♀♀ (BIB), Tarakanovka [10], 11.6.1990 S.D.; 2 ♀♀ (BIB), Murzino [9], May 1989, S.D. - Zaigraevo Distr.: 4 ♂♂, 10 ♀♀ (BIB), 10 km E of Onokhoi, Bryanka River [23], 9.6.1990, S.D. - Selenginsk Distr.: 1 ♀ (BIB), Lake Shuchye [15], 4.8.1990, S.D. - Kyakhta Distr.: 1 ♀ (ZIP), «Peschany», 42 km W of Kyakhta [17], 10-15.7.1926, P. Mikhno; 1 ♂ (BI), Chikoi River, Dureny [17], 2.8.1986, B. Zakharov.

COMMENTS. Previous records in Transbaikalia belong to Proszynski [1979] and Danilov [1989]. Additional localities are: Buryatia (Chevyrkuy Bay [30], Selenginsk [10] and Bolshoi Mamai River [uncertain locality]).

HABITAT. Collected by sweeping in slope steppes, clearings within birch forests and in valley meadows.

Heliophanus baikalensis Kulczynski, 1895.

MATERIAL: BURYATIA. Severobaikalsk Distr.: 2 ♀♀ (BI), Barguzinsky Reserve, Severny Kordon [31], 30.7.1990, M.S. - Tunkinsky Distr.: 1 ♀ (ZIP), Zaktui [2], 17.6.1969, D. Verzhutsky.

COMMENTS: The earlier records in Transbaikalia belong to Marusik & Cutler [1989], Danilov [1989] and Logunov [1992b]. Additional localities are: Buryatia (Tayozhny [13], Novokizhinginsk [26]); Chita Area (Sokhondo Reserve [39]).

HABITAT: Slope steppes and clearings, other data in Logunov [1992b].

Heliophanus camtschadalicus Kulczynski, 1895.

MATERIAL: BURYATIA. Kabansk Distr.: 1 ♂ (BIB), Baikalsky Reserve, Osinovka River [6], 27.7.1981, S.D. - Zakamensk Distr.: 1 ♀ (BIB), Shara-Azarga [4], 22.6.1990, S.D.

COMMENTS: The species has hitherto been reported from Transbaikalia by Danilov & Kurtova [1991] and Logunov [1992b](both records from Chita Area: Sokhondo Reserve [39]).

HABITAT: Slope steppes and clearings, see also Logunov [1992b].

Heliophanus dubius (C.L.Koch, 1831).

MATERIAL: BURYATIA. Kabansk Distr.: 1 ♀ (ZIP), Ilyinka, 15.6.1975, V. Shilenkov; 1 ♂, 1 ♀ (BIB), Boyarsk [7], 22.6.1983, S.D. - Ivolginsk Distr.: 1 ♂ (BIB), Ivolginsk [21], 7.6.1981, S.D.; 3 ♂♂ (BIB), Mostovoi [22], 15.6.1990, S.D.; 2 ♂♂, 4 ♀♀ (BIB), Sotnikovo [22], 29.5.1990, S.D. - Pribaikalsky Distr.: 1 ♂, 1 ♀ (BIB), Turuntaevo [25], 24.6.1983, S.D. - Barguzin Distr.: 1 ♂, 1 ♀ (BIB), Svyatoi Nos Peninsula, Glinka [29], 27.6.1991, S.D. - Severobaikalsk Distr.: 1 ♀ (BI), Barguzinsky Reserve, environs of Ust-Kerma [31], 26.7.1990, M.S. - Tunkinsky Distr.: 1 ♀ (ZIP), Zaktui [2], 17.6.1969, D. Verzhutsky.

COMMENTS: The only previous record in Transbaikalia belongs to Danilov [1989]. An additional locality is Selenginsk Town [10], Buryatia.

HABITAT: The species has been taken from mixed and pine forests, slope steppes and grasslands.

Heliophanus flavipes Hahn, 1831.

MATERIAL: BURYATIA. Environs of Ulan-Ude: 2 ♀♀ (BIB), Verkhnyaya Beryozovka [22], 8.6.1990, S.D.; 1 ♂ (BI), 24.7.1990, M.S. - Kabansk Distr.: 2 ♂, 2 ♀ (BIB), Tarakanovka [10], 11.6.1990, S.D.

COMMENTS: Reported from Transbaikalia by Izmailova [1980, 1989a] and Verzhutsky et al. [1985]. Additional localities are: Chita Area (Kust-Kemda [33] and Apsat River [34]).

HABITAT: Birch forests and humid grasslands.

Heliophanus lineiventris Simon, 1868.

MATERIAL: BURYATIA. Environs of Ulan-Ude [22]: 1 ♂ (BI), 24.7.1990, M.S. - Ivolginsk Distr.: 2 ♀♀ (BIB), Ivolginsk [21], 6.6.1990, S.D.; 4 ♀♀ (BIB), Sotnikovo [22], 29.5.1990, S.D. - Selenginsk Distr.: 1 ♂ (BIB), Deben [16], 28.8.1990, S.D. - Tarbagatay Distr.: 1 ♂ (BIB), Verkhni Zhirim [20], 15.9.1988, S.D. - Zaigraevo Distr.: 2 ♀♀ (BIB), 10 km E of Onokhoi, Bryanka River [23], 3.6.1990, S.D. - CHITA AREA. Kyra Distr.: 2 ♂♂ (BI), 3-5 km E of Kyra [38], 900-950 m alt., 30.5.1991, D.L.

COMMENTS: A few records in Transbaikalia have been made only by Danilov [1989], including Tsugol [37] in Chita Area and Mostovoi [22] in Buryatia.

HABITAT: Collected by sweeping in glades within a pine forest as well as in slope stony steppes.

Heliophanus patagiatus Thorell, 1875.

MATERIAL: BURYATIA. Environs of Ulan-Ude [22]: 1 ♂ (BIB), Selenga River, 18.6.1988, S.D.; 1 ♀ (BIB), same locality, 20.6.1990, S.D. - CHITA AREA. Kyra Distr.: 1 ♂, 1 ♀ (BI), Sokhondo Reserve [39], 2-3 km S of confluence of Ubur-Ashaglei Stream with Ingoda River, 1,300 m alt., 10.6.1991, D.L.; 6 ♂♂, 4 ♀♀ (BI), same ocality, environs of Kordon Agutsa, valley of Agutsa River, Kumyl, 1,100 m alt., 16.6.1991, D.L.

Heliophanus ussuricus Kulczynski, 1895.

MATERIAL: BURYATIA. Zaigraevo Distr.: 1 ♂, 1 ♀ (BIB), 10 km E of Onokhoi, Bryanka River [23], 2.6.1990, S.D. - CHITA AREA. Kyra Distr.: 2 ♀ (BI), Sokhondo Reserve [39], environs of Kordon Agutsa, valley of Agutsa River, Kumyl, 1,100 m alt., 16.6.1991, V. Pekin.

Genus *Marpissa* C.L.Koch, 1846.

Marpissa pomatia (Walckenaer, 1802).

MATERIAL: BURYATIA. Ivolginsk Distr.: 2 ♀♀ (BIB), Mostovoi [22], 15.6.1990, S.D. - CHITA AREA. Kyra Distr.: 1 ♀ (BI), Sokhondo Reserve [39], Vershina Bukukuna, 1,600 m alt., 3.8.1991, V. Dubatolov.

COMMENTS: The only previous record belongs to Danilov [1989] who has found this species in Buryatia (Bolshoi Mamai River [uncertain locality]).

Marpissa radiata (Grube, 1859).

MATERIAL: BURYATIA. Kabansk Distr.: 1 ♀ (BIB),

Lake Baikal, Posolsky Sor Gulf [8], 8.8.1991, S.D.

COMMENTS: This is the easternmost record of the species concerned.

Genus *Neon* Simon, 1876.

Neon laevis (Simon, 1871).
Fig. 3, E.

MATERIAL: BURYATIA. Severobaikalsk Distr.: 1 ♀ (BI), Barguzinsky Reserve, environs of Ust-Kerma [31], 26.7.1990, M.S.

COMMENTS: This is the first reliable record of this species in Siberia (s. Fig. 3, E). Apparently it displays a Euro-Siberio-Middle Asian distribution pattern.

Genus *Pellenes* Simon, 1876.

Pellenes gobiensis Schenkel, 1963.

MATERIAL: BURYATIA. Zaigraevo Distr.: 1 ♀ (BIB), 10 km E of Onokhoi, Bryanka River [23], 3.6.1990, S.D.

COMMENTS: This is the easternmost record of the species hitherto known only from Tuva and China (Inner Mongolia) [Logunov, 1992b].

Pellenes ignifrons (Grube, 1861).

MATERIAL: BURYATIA. Eravnenski Distr.: 1 ♀ (BIB), Pogromnoe [27], 8.9.1990, S.D. - Zakamensk Distr.: 2 ♂♂ (BIB), Shara-Azarga [4], 22.6.1990, S.D.

COMMENTS: Previous records in Transbaikalia belong to Danilov & Kurtova [1991] and Logunov [1992b] from Buryatia: Tayozhny [13] and Barguzinsky Reserve [31], and Chita Area: Sokhondo Reserve [39]).

HABITAT: Collected in mixed forests where it usually occurs on fallen tree trunks.

Pellenes lapponicus (Sundevall, 1832).
Fig. 3, A-D.

MATERIAL: CHITA AREA. Kyra Distr.: 3 ♂♂ (BI), Sokhondo Reserve [39], 3 km S of «Vershina Bukukuna», 1,650-1,700 m alt., 1.6.1991, D.L.; 1 ♀ (BI), same locality, 26.6.1991, V. Dubatolov. - TUVA. Tes-Khemsky Distr.: 1 ♂, 1 ♀ (BI), 20 km NW of Khol-Oozhu, 2,100 a alt., 16.07.1993, A.V. Barkalov.

DIAGNOSIS: Males differ from all other Siberian *Pellenes* spp. in the long, curved embolus and thick, strong tibial apophysis (Fig. 3, A,B), females may be distinguished by the unusual structure of the genitalia similar to that of *Evarcha* (Fig. 3, C,D).

DISTRIBUTION: A Holarctic boreo-montane species ranging from Middle Europe (Alps) in the west to Alberta, USA, in the east (known there as *P. montanus*), and from latitudes 50 to 65°N. The discovery in Transbaikalia is the first record in Siberia.

HABITAT: Collected on the ground, rocks and fallen tree trunks in a sparse larch forest (1,600-2,100 m alt.) at the border of mountain moss-shrub tundras in Chita Area and in mountain forest-tundras in Tuva.

REDESCRIPTION: MALE. Measurements. Carapace 2.95 long, 2.30 wide, 1.45 high at PLE. Ocular area 1.35 long, 1.63 wide anteriorly and 1.63 wide posteriorly. Diameter of AME 0.45. Abdomen 2.70 long, 2.20 wide. Cheliceral length 0.88. Clypeal height 0.25. Length of leg segments: leg I - 1.88 + 1.15 + 1.33 + 1.05 + 0.70; leg II - 1.55 + 0.89 + 0.90 + 0.78 + 0.63; leg III - 2.33 + 1.15 + 1.25 + 1.20 + 0.65; leg IV - 1.93 + 0.90 + 1.00 + 1.20 + 0.65. Leg spination. Leg I: Fm. d.0-1-1-2; Pt. pr.0-1-0; Tb. pr.0-1, b.2-0-2-2ap.; Mt. v.2-2ap. Leg II: Fm. d.0-1-1-3; Tb. pr.0-1, v.1-1-2ap.; Mt. v.2-2ap. Leg III: Fm. d.0-0-1-2; Pt. pr. and rt.0-1-0; Tb. pr. and rt.1-1-1, v.1-0-2ap.; Mt. pr. and rt.2-2ap., v.2ap. Leg IV: Fm. d.1-1-1; Pt. pr. and rt.0-1-0; Tb. pr. and rt.0-1, v.1-2ap.; Mt. pr. and rt.2-2ap., v.2ap.

Coloration. Carapace dark brown, covered by sparse black hairs. Eyes of first row surrounded by orange hairs. Clypeus, sternum, maxillae, labium and chelicerae dark brown. Abdomen: dorsum dark brown with a longitudinal interrupted line composed of white hairy triangles; venter yellowish-brownish. Book-lung covers yellowish. Spinnerets brown. All legs dark brown with yellowish coxae, densely covered by light hairs. Palp brown, its structure as shown in Fig. 3, A,B.

FEMALE: Measurements. Carapace 3.90 long, 3.20 wide, 1.80 high at PLE. Ocular area 1.75 long, 2.10 wide anteriorly and 2.25 wide posteriorly. Diameter of AME 0.60. Abdomen 4.70 long, 3.73 wide. Cheliceral length 1.45. Clypeal height 0.35. Length of leg segments: leg I - 2.80 + 1.50 + 1.30 + 1.00 + 0.75; leg II - 2.10 + 1.15 + 1.20 + 0.90 + 0.75; leg III - 3.35 + 1.60 + 1.80 + 1.60 + 0.90; leg IV - 2.70 + 1.25 + 1.45 + 1.80 + 0.75. Leg spination. Leg I: Fm. d.0-1-1-3; Tb. v.2-2-2ap.; Mt. v.2-2ap. Leg II: Fm. d.0-1-1-4; Tb. pr.0-1, v.1-1-2ap.; Mt. v.2-2ap. Leg III: Fm. d.0-0-1-3; Pt. pr. and rt.0-1-0; Tb. pr.0-1, rt.1-1-1, v.1-0-2ap.; Mt. pr. and rt.2-2ap, 2ap. Leg IV: Fm. d.1-1-1; Pt. rt.0-1-0; Tb. pr.0-1, rt.1-1-1, v.2ap.; Mt. pr.2-2ap., rt.1-1-2ap., v.2ap.

Coloration as described for ♂, except as follows: carapace covered by sparse white hairs, clypeus densely covered by white hairs, orange hairs around

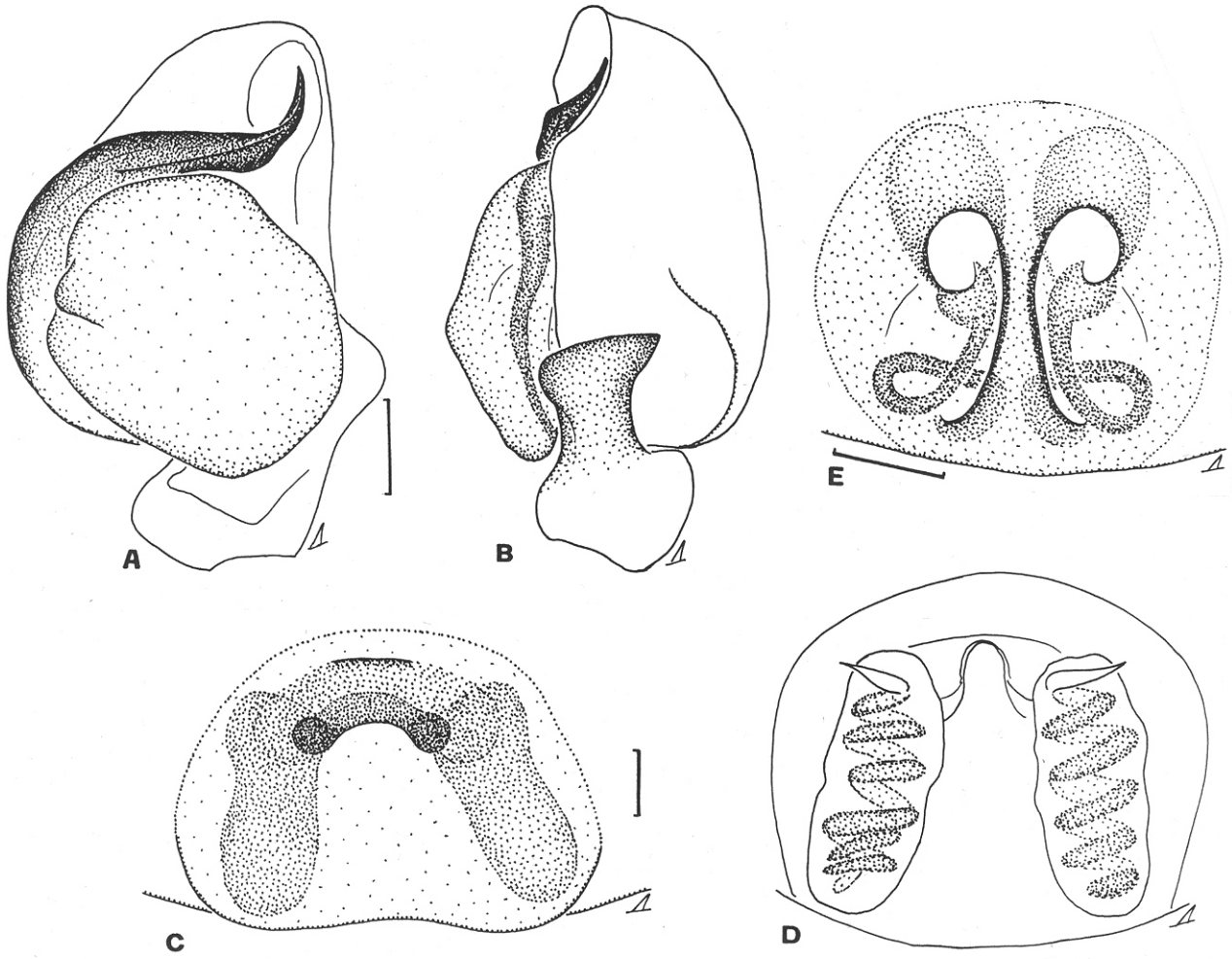

Fig. 3. Genitalia of *Pellenes lapponicus* (Sundevall, 1832) (A-D) and *Neon laevis* (Simon, 1871): A — male palp, ventral view; B — ditto, lateral view; C,E — epigyne; D — spermatheca. — Scales: A,B — 0.25 mm; C-E — 0.1 mm.

Рис. 3. Гениталии *Pellenes lapponicus* (Sundevall, 1832) (A-D) и *Neon laevis* (Simon, 1871): A — пальпа самца, вид снизу; B — то же, вид сбоку; C,E — эпигина; D — сперматека. — Масштабы: A,B — 0,25 mm; C-E — 0,1 mm.

eyes of first row absent. Structure of both epigyne and vulva as shown in Fig. 3, C,D.

Pellenes limbatus Kulczynski, 1895.

MATERIAL: BURYATIA. Ivolginsk Distr.: 2 ♂♂, 3 ♀♀ (BIB), Sotnikovo [22], 29.5.1990, S.D.; 1 ♀ (BIB), Ivolginskoye, 14.6.1990 S.D. - Zaigraevo Distr.: 1 ♂ (BIB), 10 km E of Onokhoi, Bryanka River [23], 3.6.1990, S.D. - Kyakhta Distr.: 1 ♀ (BIB), Ust-Kiran [18], 31.7.1988, S.D.

Pellenes cf. *tripunctatus* (Walckenaer, 1802).

MATERIAL: BURYATIA. Environs of Ulan-Ude [22]: 1 ♀ (BIB), valley of Selenga River, June 1990, S.D. - Ivolginsk Distr.: 2 ♀♀ (BIB), Mostovoi [22], 24.7.1984, S.D. - Kabansk Distr.: 2 ♀♀ (BIB), Tarakanovka [10], 19.6.1990, S.D. - Zaigraevo Distr.: 1 ♂ (BIB), 10 km E of Onokhoi, Bryanka River [23], 9.6.1990, S.D. - Selenginsk Distr.: 1 ♀ (BIB), Lake Shyuchye [15], 4.8.1990, S.D. - CHITA AREA. Kyra Distr.: 1 ♀ (BIB), Sokhondo Reserve [39], summer 1989, O. Kurtova; 1 ♂ (BI), same locality, 2-3 km upstream of confluence of Ernichny Stream with Bukukun River, 1,400-1,500 m alt., 3.6.1991, D.L.; 1 ♂ (BI), same locality, 1.7.1991, S. Chernyshov.

COMMENTS: Records in Transbaikalia belong to Kulczynski [1895], Odenwall [1901], Sternbergs [1981] and Danilov [1989]. Additional records are: Buryatia (Mostovoi [22]); Chita Area (Darasun [35]).

Genus *Philaeus* Thorell, 1869.

Philaeus chrysops (Poda, 1761).

COMMENTS: The species has hitherto been

recorded from Buryatia (Turuntaevo [25]) by Danilov [1989].

Genus *Phintella* Strand: in Bösenberg & Strand, 1906.

Phintella popovi (Proszynski, 1979).

MATERIAL: BURYATIA. Kabansk Distr.: 3 ♀♀ (BIB), Tarakanovka [10], 19.6.1990, S.D.

COMMENTS: The species is distributed from Khakassia through South Siberia toward the east up to the Russian Far East [s. Logunov & Wesolowska, 1992].

HABITAT: The species can be found on birch trunks in mixed forests, see also Logunov & Wesolowska [1992].

Genus *Phlegra* Simon, 1876.

Phlegra fasciata (Hahn, 1826).

COMMENTS: The species is absent from the material studied. It has been earlier reported from Buryatia (Kyren [1]) by Izmailova [1989a].

Phlegra fuscipes Kulczynski: in Chyzer & Kulczynski, 1891.

MATERIAL: BURYATIA. Ivolginsk Distr.: 1 ♀ (BIB), Sotnikovo [22], 29.5.1990, S.D. - CHITA AREA. Kyra Distr.: 3 ♀♀ (BI), 3-5 km E of Kyra [38], 900 m alt., 30.5-19.6.1991, D.L.

COMMENTS: Records in Transbaikalia belong to Nenilin [1985] and Danilov [1989]. Additional records: Chita Area (Tsugol [37]).

Genus *Pseudicius* Simon, 1885.

Pseudicius vulpes (Grube, 1861).

MATERIAL: BURYATIA. Environs of Ulan-Ude [22]: 1 ♂, 1 ♀ (BIB), 12.6.1983 S.D.; 1 ♀ (BI), same locality, 24.7.1990, M.S. - Selenginsk Distr.: 1 ♂ (BIB), Tashir [14], 13.8.1991, S.D. - Zakamensk Distr.: 1 ♂ (BIB), Ulegchin, Dzhida River [5], 20.6.1990, S.D.; 1 ♂, 3 ♀♀ (BIB), Khara-Tsai [3], 23.6.1990, S.D.; 4 ♂♂, 15 ♀♀ (BIB), Nizhny Torei, Dzhida River [5], 24.6.1990 S.D. - CHITA AREA. Kyra Distr.: 3 ♂♂, 2 ♀♀ (BI), 3-5 km E of Kyra, valley of Kyra River [38], 800-850 m alt., 19.6.1991, D.L.

COMMENTS: Earlier records in Transbaikalia belong to Danilov [1989], Buryatia being the westernmost limit in the range of this species.

HABITAT. On tree trunks in willow thickets along river valleys.

Genus *Salticus* Latreille, 1804.

Salticus cingulatus (Panzer, 1797).

MATERIAL: BURYATIA. Ivolginsk Distr.: 3 ♀♀ (BIB), Ivolginsk [21], 11.8.1992, S.D.

COMMENTS: The species has hitherto been found in Transbaikalia by Danilov [1989]. Additional records: Buryatia (Ulan-Ude [22] and Selenginsk [10]).

Salticus latidentatus Roewer, 1951.

MATERIAL: BURYATIA. Ivolginsk Distr.: 2 ♂♂, 4 ♀♀ (BIB), Ivolginsk [21], 11.8.1992, S.D. - Selenginsk Distr.: 1 ♂ (BIB), Tokhoi [11], 26.7.1989, S.D.; 2 ♂♂, 2 ♀♀ (BI), 4 ♂♂, 5 ♀♀ (BIB), Deben [16], 7.8.1990, S.D.

COMMENTS: It has been previously recorded in Buryatia by Logunov [1992a].

HABITAT: Elm thickets (on tree trunks) and grasslands in river valleys.

Genus *Sitticus* Simon, 1901.

Sitticus albolineatus (Kulczynski, 1895).

MATERIAL: CHITA AREA. Kyra Distr.: 3 ♂♂, 7 ♀♀ (BI), Sokhondo Reserve [39], valley of Agutsa River (middle flow), 1,100 m alt., 16.6.1991, D.L.

Sitticus avocator (O.P.-Cambridge, 1885).

MATERIAL: BURYATIA. Environs of Ulan-Ude [22]: 1 ♂ (BIB), June 1990, S.D. - Selenginsk Distr.: 1 ♂ (BIB), Lake Shutchye [15], July 1990, S.D.

Sitticus burjaticus **sp.n.**
Fig. 4.

MATERIAL: Holotype: 1 ♂ (ZMMU, Ta-4790), BURYATIA, Selenginskiy Distr., Deben [16], 7.8.1990, S.D. - Paratypes: BURYATIA. Environs of Ulan-Ude [22]: 1 ♀ (ZMMU), Vakhmistrovo, 31.5.1983, S.D. - Ivolginsk Distr.: 1 ♀ (BIB), Mostovoi [22], 13.5.1989, S.D. - CHITA AREA. Kyra Distr.: 1 ♀ (BI), 3-5 km E of Kyra [38], 30.5.1991, D.L.

DIAGNOSIS: The new species is most closely related to *S. nenilini* Logunov & Wesolowska, 1993 [s. Logunov & Wesolowska, 1993, figs. 3,4,9-12] from Middle Asia, but can be separated by the colour markings on the dorsum (presence of a pair of white spots [Fig. 4, C]), brown clypeus (yellow in the latter species), shape of the tibial apophysis, and structure of the ♀ genitalia.

DESCRIPTION: MALE. Measurements. Carapace 1.95 long, 1.33 wide, 0.85 high at PLE. Ocular

area 0.81 long, 1.13 wide anteriorly and 1.15 wide posteriorly. Diameter of AME 0.34. Abdomen 1.70 long, 1.25 wide. Cheliceral length 0.60. Clypeal height 0.15. Length of leg segments: leg I - 1.18 + 0.63 + 0.88 + 0.70 + 0.50; leg II - 0.85 + 0.50 + 0.50 + 0.45 + 0.35; leg III - 0.80 + 0.40 + 0.48 + 0.50 + 0.35; leg IV - 1.33 + 0.55 + 0.83 + 0.70 + 0.43. Leg spination. Leg I: Fm. d.1-1-3; Pt. pr.0-1-0; Tb. pr.1-1, v.2-2; Mt. v.2-2ap. Leg II: Fm. d.1-1-2; Pt. pr.0-1-0; Tb. pr.1-1, v.2-1-2ap.; Mt. v.2-2ap. Leg III: Fm. d.1-1-2; Pt. pr. and rt.0-1-0; Tb. d.1-0, pr.1-1, rt.1-0; Mt. pr. and rt.1-0-2ap. Leg IV: Fm. d.1-1-2; Pt. pr. and rt.0-1-0; Tb. d.1-0, pr. and rt.1-1-1, v.1-0-2ap.; Mt. pr.1-1-2ap., rt.1-0-2ap., v.2ap.

Coloration. Carapace brown with three longitudinal white stripes of hairs. Eye field black. Clypeus brown with sparse white hairs. Sternum, labium, maxillae and chelicerae brown. Petiolus yellow. Abdomen dark-brown, dorsum with a pair of light, white, rounded spots (Fig. 4, C). Book-lung covers yellowish-brownish. Spinnerets brown. Legs brownish with yellow bands and lines. Palp brown, its structure as shown in Fig. 4, A,B.

FEMALE: Measurements. Carapace 2.13 long, 1.65 wide, 0.80 high at PLE. Ocular area 1.00 long, 1.35 wide anteriorly and 1.38 wide posteriorly. Diameter of AME 0.40. Abdomen 3.00 long, 2.18 wide. Cheliceral length 0.50. Clypeal height 0.15. Length of leg segments: leg I - 1.00 + 0.63 + 0.63 + 0.58 + 0.43; leg II - 0.94 + 0.58 + 0.50 + 0.48 + 0.40; leg III - 0.95 + 0.50 + 0.48 + 0.55 + 0.40; leg IV - 1.60 + 0.70 + 1.03 + 0.90 + 0.55. Leg spination. Leg I: Fm. d.1-1-1; Tb. pr.0-1, v.2-1-2ap.; Mt. v.2-2ap. Leg II: Fm. d.1-1-1; Tb. v.1-1; Mt. v.2-2ap. Leg III: Fm. d.1-1; Pt. pr. and rt.0-1-0; Tb. d.1-0, pr. and rt.1-1, v.1-2ap.; Mt. pr. and rt.1-2ap. Leg IV: Fm. d.1-1-2; Pt. pr. and rt.0-1-0; Tb. pr. and rt.1-1-1, v.2ap.; Mt. pr. and rt.1-0-2ap., v.2ap.

Coloration as described for ♂, except for white spots on dorsum paler than in ♂, and white piping of dorsum on posterior half. Epigyne and vulva as shown in Fig. 4, D,E.

DISTRIBUTION: The species is known from Transbaikalia only, but most likely it will be found in Mongolia as well.

HABITAT: The holotype has been shaken off from the crowns of coniferous trees, the paratypes taken from slope stony steppes, in grass.

Sitticus fasciger (Simon, 1880).

COMMENTS: The species was first recorded in Transbaikalia (Darasun [35]) by Kulczynski [1895, sub *S. godlewskii*]. Later this material was also reported by Proszynski [1962, 1968].

Sitticus finschi (L.Koch, 1879).

MATERIAL: BURYATIA. Selenginsk Distr.: 1 ♂, 1 ♀ (BIB), Tokhoi [11], 18.7.1989, S.D. - CHITA AREA. Kyra Distr.: 1 ♀ (BI), Sokhondo Reserve [39], Verkhny Bukukun, 1,600 m alt., 3.6.1991, D.L.; 1 ♀ (BI), same locality, valley of Ingoda River, near confluence with Ubur-Ashaglei Stream, 1300 m alt., 9.6.1991, D.L.; 2 ♀♀ (BI), same locality, confluence of Larionov Stream, 1,350 m alt., 13.6.1991, D.L.

COMMENTS: Records in Transbaikalia belong to Izmailova [1980, 1989a], Verzhutsky et al. [1985] and Danilov [1989]. Additional records: Buryatia (Okino-Kluchi [19]; Chita Area (Kust-Kemda [33], Dogoptchan [34]).

Sitticus floricola (C.L.Koch, 1837).

MATERIAL: BURYATIA. Kyakhta Distr.: 1 ♀ (BI), Chikoi River, Dureny [17], 2.8.1986, B. Zakharov. - Zaigraevo Distr.: 2 ♂♂, 2 ♀♀ (BIB), 10 km E Onokhoi, Bryanka River [23], 9.6.1990, S.D. - Baunt Distr.: 2 ♂♂ (BIB), confluence of Amalat and Sali rivers, 20.8.1990, S.D. - CHITA AREA. Kyra Distr.: 7 ♂, 10 ♀ (BIB), Sokhondo Reserve [39], Lake Bukukunskoye, 19.7.1990, S.D.; 1 ♂, 2 ♀ (BI), same locality, confluence of Ingoda River with Ubur-Ashaglei Stream, 1,350 m alt., 8-9.6.1991, D.L.; 5 ♂♂, 3 ♀♀ (BI), same locality, confluence of Ernichny Stream with Bukukun River, 1,200 m alt., 3-8.8.1991, V. Pekin & A. Barkalov.

COMMENTS. The species has hitherto been recorded in Transbaikalia by Odenwall [1901], Danilov [1989] and Danilov & Kurtova [1991]. Additional records: Buryatia (Ulan-Ude [22], Kyakhta [17]).

Sitticus lineolatus (Grube, 1861).

MATERIAL: CHITA AREA. Kyra Distr.: 2 ♂♂ (BI), Sokhondo Reserve [39], Lukovoye Hut, 1,700 m alt., 11.6.1991, D.L.; 1 ♂ (BI), same locality, 3 km SE of Verkhny Bukukun, 1,700 m alt., 1.6.1991, D.L.

COMMENTS: The species has hitherto been found in Buryatia (Mostovoi [22]) by Danilov [1989].

Sitticus penicillatus (Simon, 1875).

MATERIAL: BURYATIA. Ivolginsk Distr.: 1 ♀ (BIB), Mostovoi [22], 20.7.1984, S.D.

HABITAT: Collected in a pine forest (see also Logunov, 1992b).

Sitticus saltator (O.P.-Cambridge: in Simon, 1868).

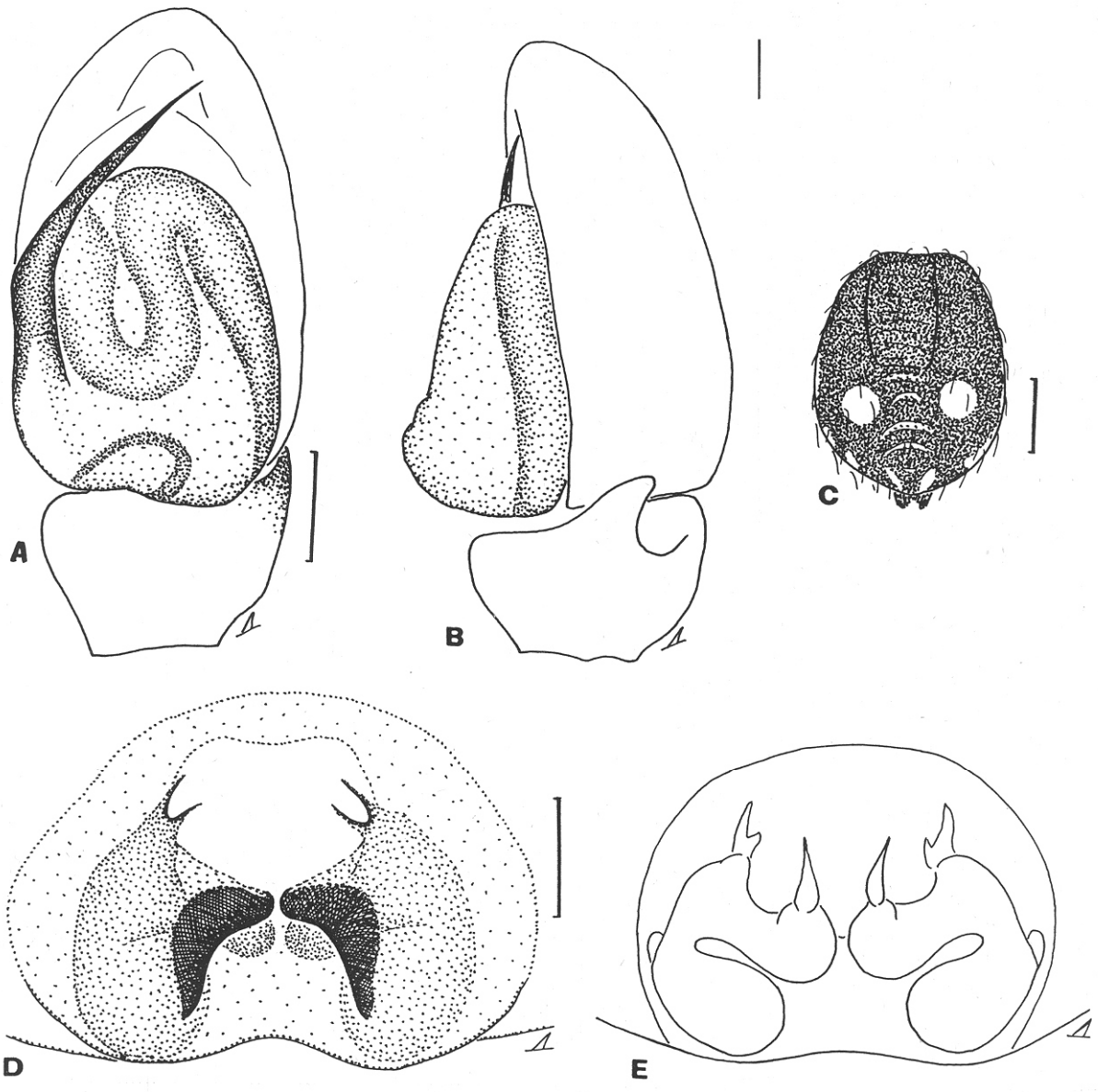

Fig. 4. *Sitticus burjaticus* sp.n.: A — male palp, ventral view; B — ditto, lateral view; C — male abdomen, dorsum; D — epigyne; E — spermatheca. — Scales: A,B — 0.2 mm; C — 0.5 mm; D,E — 0.1 mm.

Рис. 4. *Sitticus burjaticus* sp.n.: A — пальпа самца, вид снизу; B — то же, вид сбоку; C — брюшко самца, дорзум; D — эпигина; E — сперматека. — Масштабы: A,B — 0,2 mm; C — 0,5 mm; D,E — 0,1 mm.

MATERIAL: BURYATIA. Ivolginsk Distr.: 1 ♂ (BIB), Sotnikovo [22], 29.5.1990, S.D.

COMMENTS: The easternmost locality of this species lies in Buryatia. In Siberia, it has hitherto been recorded in Tuva only [Logunov, 1992b, 1993].

HABITAT: Slope steppe, in Tuva the species has been found in the litter in a river valley elm-willow-birch forest.

Sitticus terebratus (Clerck, 1758).

MATERIAL: BURYATIA. Selenginsk Distr.: 1 ♂ (BIB), Lake Shyuchye [15], 9.8.1988, S.D.; 2 ♂♂, 3 ♀♀ (BIB), same locality, 2.8.1990, S.D. - Zaigraevo Distr.: 4 ♂♂ (BIB), 10 km E of Onokhoi, Bryanka River [23], 25.7.1992, S.D. - Barguzin Distr.: 1 ♂ (BIB), Svyatoi Nos Peninsula, [29], 27.6.1991, S.D.

COMMENTS: The first records in Transbaikalia belong to Danilov [1989]. Additional records: Buryatia (Mostovoi [22] and Okino-Klyuchi [19]).

HABITAT: Collected in pine forests.

Sitticus zimmermanni (Simon, 1877).

MATERIAL: BURYATIA. Ivolginsk Distr.: 1 ♂ (BIB), Mostovoi [22], 5.7.1984, S.D.; 1 ♀ (BIB), same locality, 29.6.1990, S.D.

COMMENTS: This is the first record of this species in Siberia. It has hotherto been known from Europe only [Proszynski, 1976].

HABITAT: Collected in a pine forest.

Genus *Synageles* Simon, 1876.

Synageles hilarulus (C.L.Koch, 1846).

MATERIAL: BURYATIA. Zaigraevo Distr.: 2 ♂♂ (BIB), 10 km E of Onokhoi, Bryanka River [23], 5.6.1992, S.D.

COMMENTS: The first record has been made by Danilov [1989] in Buryatia (Mostovoi [22]).

HABITAT: The species can be collected in grasslands and dry meadows in river valleys.

Synageles venator (Lucas, 1836).

MATERIAL: BURYATIA. Ulan-Ude [22]: 1 ♀ (BIB), 12.7.1992, S.D.

Genus *Talavera* Peckham & Peckham, 1909.

Talavera aequipes (O.P.-Cambridge, 1871).

COMMENTS: The species has hitherto been recorded in Chita Area (Sokhondo Reserve [39]) by Logunov et al. [1993].

HABITAT: In Sokhondo Reserve, the species has been taken from a valley shrub bog (yernik), other data see in Logunov et al. [1993].

Talavera thorelli (Kulczynski, 1891).

COMMENTS: The species has hitherto been recorded in Chita Area (Sokhondo Reserve [39]) by Logunov et al. [1993].

HABITAT: Apparently, different steppe habitats, including slope steppes where it was collected in Sokhondo Reserve [see also Logunov et al., 1993].

Genus *Yllenus* Simon, 1868.

Yllenus kulczynskii Punda, 1975.

MATERIAL: BURYATIA. Zaigraevo Distr.: 12 ♂♂ (BIB), 10 km E of Onokhoi, Bryanka River [23], 9.9.1990, S.D.; 8 ♂♂, 3 ♀♀ (BIB), same locality, 10-18.5.1991, S.D.

COMMENTS: The species has been earlier recorded Buryatia (Ust-Barguzin [28]) by Logunov [1992b].

Yllenus mongolicus Proszynski, 1968.

MATERIAL: BURYATIA. Ivolginsk Distr.: 2 ♂♂, 1 ♀ (BI), 13 ♂♂, 9 ♀♀ (BIB), Mostovoi [22], 25.5 - 7.6.1990, S.D.

COMMENTS: The record in Transbaikalia belonging to Logunov [1992b] derives from the same locality.

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