

New records of wasps (Hymenoptera: Aculeata) from Siberia (Russia)

Новые находки ос (Hymenoptera: Aculeata) в Сибири

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КЛЮЧЕВЫЕ СЛОВА: Сибирь, Тува, Хакасия, Hymenoptera, Aculeata, осы, новые находки, фауна.

ABSTRACT. New data to the knowledge of wasps in Siberia are provided. One species of wasps is reported from Russia for the first time: *Crabro uljanini* Radoszkowski, 1877. Thirty eight species are newly recorded for the fauna of Tuva Republic, 41 species of wasps are new for the fauna of Khakassia, and one species each for Altai Republic and Krasnoyarsk Territory. Six species are recorded for Eastern Siberia for the first time: *Antepipona deflenda* (S. Saunders, 1853), *Crossocerus distinguendus* (A. Morawitz, 1866), *Lindeniuss pygmaeus* (Rossi, 1794), *Tachysphex nigricolor* (Dalla Torre, 1897), *Tachytes obsoletus* (Rossi, 1792), and *Philanthinus quattuordecimpunctatus* (F. Morawitz, 1888).

РЕЗЮМЕ. Приведены новые данные о фауне ос Сибири. Один вид (*Crabro uljanini* Radoszkowski, 1877) впервые указан для фауны России. Для фауны Республики Тува впервые приведено 38 видов ос, 41 вид приведен для фауны Хакасии и по одному виду – для Алтая и Красноярского края. Виды *Antepipona deflenda* (S. Saunders, 1853), *Crossocerus distinguendus* (A. Morawitz, 1866), *Lindeniuss pygmaeus* (Rossi, 1794), *Tachysphex nigricolor* (Dalla Torre, 1897), *Tachytes obsoletus* (Rossi, 1792), *Philanthinus quattuordecimpunctatus* (F. Morawitz, 1888) впервые указаны для Восточной Сибири.

Introduction

The wasp fauna of Siberia has not yet been fully studied. The wasp fauna of different regions of Siberia is unevenly studied. For example, 17 species of Crabronidae and 35 species of Vespidae were known for Tuva Republic fauna [Dubatolov, 1998; Antropov *et al.*, 2017; Jacobs, Liebig, 2018; Fateryga, Mokrousov, 2019; Fateryga *et al.*, 2020; Mokrousov *et al.*, 2020; Mokrousov, Proshchalykin, 2023].

Currently, 245 species of digger wasps of the family Crabronidae and 77 species Vespidae are known from the territory of Russian Altai (Altai Territory and the Altai Republic) [Fateryga, Mokrousov, 2019; Fateryga *et al.*, 2020; Mokrousov, Proshchalykin, 2023].

For the fauna of Khakassia only 11 species of Crabronidae and 19 species of Vespidae were known [Nemkov, 2007; Antropov *et al.*, 2017; Fateryga, Mokrousov, 2019; Fateryga *et al.*, 2020]. Fauna of digger wasps (Crabronidae) of Krasnoyarsk Territory relatively full studied and comprises 152 species [Akulov *et al.*, 2020].

The present paper contains new results of a faunistic study of wasps in Siberia.

Material and methods

This article is based on a study of about 250 specimens of Crabronidae, Vespidae and Tiphiidae deposited in the collections of Institute of Systematics and Ecology of Animals, Russian Academy of Sciences, Siberian Branch, Novosibirsk (ISEA) and Kemerovo State University, Kemerovo (KemSU), which were collected in Republics of Tuva (Tyva), Khakassia, Altai and in Krasnoyarsk Territory.

All material was identified by first and second authors.

Notes on the general distribution of species follow Antropov *et al.* [2017] and Pulawski [2023]. New distributional records are noted with an asterisk (*).

List of species

Family TIPHIIDAE

Tiphia femorata Fabricius, 1775

MATERIAL. *Tyva*: 7 km SE of Buren-Khem vill., stone steppe, Merike traps, 51.6167°N, 95.0893°E, 21.VII.2018, S. Luzyanin, D. Sidorov leg. (1 ♀, KemSU).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Kemerovo Prov.), Eastern Siberia (*Tyva Rep., Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov.). — Europe, North Africa, Turkey, Iran, Tajikistan, Kyrgyzstan, Kazakhstan, Mongolia, North America (introduced).

Family VESPIDAE

Antepipona deflenda (S. Saunders, 1853)

MATERIAL. *Tyva*: 7 km SE of Buren-Khem vill., stone steppe, Merike traps, 51.6167°N, 95.0893°E, 21.VII.2018, S. Luzyanin, D. Sidorov leg. (1 ♂, KemSU).

DISTRIBUTION. Russia: European part (?East, South, North Caucasus), Urals, *Eastern Siberia (Tyva Rep.) — Western, Southern, and Eastern Europe, North Africa, Caucasus, Turkey, Cyprus, Jordan, Lebanon, Israel, Iraq, Iran, Turkmenistan, Tajikistan, Uzbekistan, Kazakhstan, ?China.

Odynerus spinipes (Linnaeus, 1758)

MATERIAL. *Khakassia*: Kuznetzky Alatau, Maly Kazyr River, touristic shelter “Kupriyanova Polyana”, 53°41'42.2"N, 89°02'44.6"E, 5–11.VII.2023, D. Latysheva leg. (1 ♀, 1 ♂, KemSU).

DISTRIBUTION. Russia: European part (North-West, Central, East, North Caucasus), Urals, Western Siberia (Tomsk Prov., Altai), Eastern Siberia (*Khakassia, Irkutsk Prov., Buryatia), Far East (Khabarovsk Terr., Primorskiy Terr.). — Europe, Caucasus, Turkey, Tajikistan, Kazakhstan, Mongolia.

Stenodynerus fastidiosissimus (de Saussure, 1855)

MATERIAL. *Tyva*: 7 km SE of Buren-Khem vill., stone steppe, Merike traps, 51.6167°N, 95.0893°E, 21.VII.2018, S. Luzyanin, D. Sidorov leg. (1 ♀, KemSU).

DISTRIBUTION. Russia: European part (South, North Caucasus), Urals, Western Siberia (Altai), Eastern Siberia (*Tyva Rep.). — Western, Southern, and Eastern Europe, North Africa, Caucasus, Turkey, Israel, Iraq, Iran, Central Asia, Kazakhstan.

Symmorphus bifasciatus (Linnaeus, 1761)

MATERIAL. *Khakassia*: Kuznetzky Alatau, Maly Kazyr River, touristic shelter “Kupriyanova Polyana”, 53°41'42.2"N, 89°02'44.6"E, 5–9.VII.2023, D. Latysheva leg. (1 ♂, KemSU).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Novosibirsk Prov., Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov., Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakhalin). — Europe, Caucasus, Turkey, Central Asia, Kazakhstan, Mongolia, China, Korea, Japan.

Symmorphus murarius (Linnaeus, 1758)

MATERIAL. *Tyva*: 7 km SE of Buren-Khem vill., stone steppe, Merike traps, 51.6167°N, 95.0893°E, 21.VII.2018, S. Luzyanin, D. Sidorov leg. (1 ♀, KemSU).

DISTRIBUTION. Russia: European part (North-West, Central, North Caucasus), Urals, Western Siberia (Tyumen Prov., Altai), Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep., Irkutsk Prov., Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Primorskiy Terr.). — Europe, North Africa, Armenia, Azerbaijan, Turkey, Iran, Central Asia, Kazakhstan, Korean Peninsula.

Family CRABRONIDAE

Subfamily ASTATINAE

Astata boops (Schrank, 1781)

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, ISEA); *Tyva*: Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Omsk Prov., Tomsk Prov., Novosibirsk Prov., Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., *Tyva Rep., Irkutsk Prov., Yakutia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakhalin, Kuril Islands, Kamchatka Terr., Magadan Prov.). — Europe, North Africa, Abkhazia, Turkey, Israel, Yemen, Oman, Iraq, Iran, Afghanistan, Central Asia, Kazakhstan, Mongolia, China, Korean Peninsula, India.

Astata costae A. Costa, 1867

MATERIAL. *Tyva*: Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (1 ♂, ISEA)

DISTRIBUTION. Russia: European part (South, Crimea), Eastern Siberia (*Tyva Rep., Zabaikalskiy Terr.). — Europe, North Africa, Turkey, Iran, Turkmenistan, Tajikistan, Uzbekistan, Kazakhstan.

Astata kashmirensis Nurse, 1909

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, ISEA); 28–30.VI.2014, K. Tishakova leg. (1 ♀, ISEA); *Tyva*: Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (5 ♂, ISEA).

DISTRIBUTION. Russia: European part, Western Siberia (Omsk Prov., Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., *Tyva Rep.), Far East (Primorskiy Terr.). — Europe, North Africa, Turkey, Iran, Turkmenistan, Uzbekistan, Kazakhstan, China, India.

***Astata minor* Kohl, 1885**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: European part, Western Siberia (Novosibirsk Prov., Altai), Eastern Siberia (*Khakassia, Irkutsk Prov.), Far East (Amurskaya Prov., Primorskiy Terr.). — Europe, North Africa, Turkey, Israel, Iran, Turkmenistan, Uzbekistan, Kazakhstan.

***Dryudella pinguis* (Dahlbom, 1832)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (11 ♀♀, ISEA).

DISTRIBUTION. Russia: European part, Western Siberia (Altai), Eastern Siberia (*Khakassia, Irkutsk Prov., Yakutia), Far East (Sakhalin, Kamchatka Terr.). — Europe, Kazakhstan, North America.

Subfamily BEMBICINAE

***Bembecinus hungaricus sibiricus*
(Mocsáry in Mocsáry et Szépligeti, 1901)**

MATERIAL. *Tyva*: Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (1 ♀, 6 ♂♂, ISEA).

DISTRIBUTION. Russia: Western Siberia (Tomsk Prov., Altai), Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep., Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr.). — Mongolia, China.

***Bembecinus tridens* (Fabricius, 1781)**

MATERIAL. *Tyva*: right bank of Khemtshik River, near the mouth of Alash River, 51.2540°N, 90.8810°E, 20.VII.2022, D. Sidorov, D. Dimakova leg. (2 ♀♀, 1 ♂, KemSU).

DISTRIBUTION. Russia: European part (Central, East, South, North Caucasus, Crimea), Urals, Western Siberia (Altai), Eastern Siberia (*Tyva Rep.). — Western, Southern, and Eastern Europe, North Africa, Georgia, Armenia, Azerbaijan, Turkey, Syria, Jordan, Lebanon, Israel, Oman.

***Bembix diversipes* F. Morawitz, 1889**

MATERIAL. *Tyva*: Ulug-Khemsy Distr., near Shagonar, 23.VI.2004, A. Barkalov leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: Western Siberia (Altai), Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep., Irkutsk Prov., Buryatia), Far East (Primorskiy Terr.). — Turkey, Iran, Uzbekistan, Kyrgyzstan, Kazakhstan, Mongolia, China.

***Bembix niponica* F. Smith, 1873**

MATERIAL. *Tyva*: NE bank of Ubsu-Nur Lake, 18.VII.1993, A. Barkalov leg. (3 ♀♀, ISEA).

DISTRIBUTION. Russia: Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep., Buryatia), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr.). — Turkmenistan, Uzbekistan, Kazakhstan, Mongolia, China, Korean Peninsula, Japan.

***Gorytes aino* Tsuneki, 1963**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 28–30.VI.2014, K. Tishakova leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: Eastern Siberia (*Khakassia, Buryatia), Far East (Primorskiy Terr., Sakhalin, Kuril Islands). — China, Japan.

***Gorytes ambiguus* Handlirsch, 1888**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (6 ♀♀, ISEA).

DISTRIBUTION. Russia: Western Siberia (Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov.), Far East (Khabarovsk Terr., Primorskiy Terr.). — Tajikistan, Uzbekistan, Kazakhstan, Mongolia, China.

***Gorytes quinquefasciatus quinquefasciatus*
(Panzer, 1798)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 28–30.VI.2014, K. Tishakova leg. (1 ♂, ISEA); *Tyva*: 7 km SE of Buren-Khem village, stone steppe, Merike traps, 51.6167°N, 95.0893°E, 21.VII.2018, S. Luzyanin, D. Sidorov leg. (1 ♀, KemSU); Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: European part (Central, East, North Caucasus), Urals, Western Siberia (Omsk Prov., Altai), Eastern Siberia (*Khakassia, *Tyva Rep., Krasnoyarsk Terr., Irkutsk Prov., Buryatia), Far East (Primorskiy Terr.). — Western, Southern, and Eastern Europe.

***Gorytes sulcifrons mongolicus* Tsuneki, 1971**

MATERIAL. *Tyva*: 7 km SE of Buren-Khem vill., stone steppe, Merike traps, 51.6167°N, 95.0893°E, 21.VII.2018, S. Luzyanin, D. Sidorov leg. (1 ♀, KemSU).

DISTRIBUTION. Russia: Western Siberia (Altai), Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep., Irkutsk Prov., Buryatia, Zabaikalskiy Terr.). — Azerbaijan, Kazakhstan, Mongolia, China.

***Harpactus elegans* (Lepelletier de Saint Fargeau, 1832)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, ISEA); 28–30.VI.2014, K. Tishakova leg. (3 ♀♀, 2 ♂♂, ISEA).

DISTRIBUTION. Russia: European part, Western Siberia (Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr.). — Europe, Armenia, Azerbaijan, Kazakhstan.

***Harpactus laevis* (Latreille, 1792)**

MATERIAL. *Khakassia*: Altaysky Distr., 3–5 km E of Novorossiyskoye, 23.VI.1990, D. Logunov leg. (2 ♀♀, ISEA).

DISTRIBUTION. Russia: European part, Western Siberia (Altai), Eastern Siberia (*Khakassia, Irkutsk Prov., Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov.). — Europe, Turkey, Iran, Kazakhstan, Mongolia, China.

***Harpactus lunatus* (Dahlbom, 1832)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: European part, Western Siberia (Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov., Yakutia). — Europe, Kazakhstan.

***Harpactus tumidus* (Panzer, 1801)**

MATERIAL. *Tyva*: Tandinsky Distr., Tshagytai Lake, 26.VI–1.VII.1989, D. Logunov leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: European part, Western Siberia (Tomsk Prov., Altai), Eastern Siberia (*Tyva Rep., Irkutsk Prov., Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakhalin, Kamchatka Terr., Magadan Prov.). — Europe, North Africa, Kyrgyzstan, Kazakhstan, Japan.

***Nysson dimidiatus* Jurine, 1807**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 28–30.VI.2014, K. Tishakova leg. (3 ♀♀, 2 ♂♂, ISEA).

DISTRIBUTION. Russia: European part, Western Siberia (Omsk Prov., Altai), Eastern Siberia (*Khakassia, Irkutsk Prov., Zabaikalskiy Terr.), Far East (Amurskaya Prov., Sakhalin, Magadan Prov.). — Europe, Armenia, Central Asia, Kazakhstan, Mongolia.

***Nysson niger* Chevrier, 1868**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (8 ♀♀, 4 ♂♂, ISEA).

DISTRIBUTION. Russia: European part, Western Siberia (Tyumen Prov., Omsk Prov.), Eastern Siberia (*Khakassia, Krasnoyarsk Terr.). — Europe, Tajikistan, Kazakhstan.

***Stizus perrisi* Dufour, 1838**

MATERIAL. *Tyva*: Ulug-Khemsy Distr., near Shagonar, 16.VI.2017, A. Byvaltsev leg. (3 ♀♀, 7 ♂♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Altai), Eastern Siberia (*Tyva Rep., Zabaikalskiy Terr.), Far East (Primorskiy Terr.). — Europe, Armenia, Turkey, Uzbekistan, Kyrgyzstan, Kazakhstan, China, Korean Peninsula, Japan.

Subfamily CRABRONINAE

***Crabro cribrarius* (Linnaeus, 1758)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 28–30.VI.2014, K. Tishakova leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Tyumen Prov., Novosibirsk Prov., Altai, Kemerovo Prov.), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Tyva Rep., Irkutsk Prov., Yakutia, Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakhalin). — Europe, North Africa, Turkey, Iran, Kazakhstan, Mongolia, Korean Peninsula.

***Crabro sibiricus* A. Morawitz, 1866**

MATERIAL. *Khakassia*: Askizsky Distr., Birikchul', Askiz River, 6.VIII.1969, Shcherba and Piven leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: Western Siberia (Omsk Prov., Novosibirsk Prov., Kemerovo Prov., Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Tyva Rep., Irkutsk Prov., Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Primorskiy Terr.). — Kazakhstan, Mongolia, China.

***Crabro uljanini* Radoszkowski, 1877**

MATERIAL. *Altai Republic*: Kosh-Agach District, Kuraysky Mts., 6 km N Kuray vill., h=2160 m, 50°17'29.2"N, 87°55'48.5"E, alpine meadow, 15–19.VII.2021, A. Korshunov leg. (1 ♂, KemSU).

DISTRIBUTION. *Russia: Western Siberia (Altai). — Tajikistan [Marshakov, 1977].

***Crossocerus (Crossocerus) distinguendus* (A. Morawitz, 1866)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, 1 ♂, ISEA).

DISTRIBUTION. Russia: European part (Central, East, North Caucasus, Crimea), Western Siberia (Altai), *Eastern Siberia (*Khakassia). — Europe, Kazakhstan, Mongolia.

***Crossocerus (Crossocerus) exiguus* (Vander Linden, 1829)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Novosibirsk Prov., Altai), Eastern Siberia (*Khakassia, Irkutsk Prov., Yakutia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr.). — Europe, North Africa, Turkmenistan, Kazakhstan, Mongolia, China, Korean Peninsula.

***Crossocerus (Crossocerus) varus* Lepeletier de Saint Fargeau et Brullé, 1835**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov.), Far East (Primorskiy Terr., Sakhalin, Kuril Islands, Kamchatka Terr.). — Europe, North Africa, Turkey, Tajikistan, Uzbekistan, Kyrgyzstan, Kazakhstan, Mongolia, China, Korean Peninsula, Japan.

***Crossocerus (Hoplocrabro) quadrimaculatus* (Fabricius, 1793)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: European part (Central, East, South, North Caucasus, Crimea), Urals, Western Siberia (Tyumen Prov., Omsk Prov., Altai), Eastern Siberia (*Khakassia, Kras-

noyarsk Terr., Tyva Rep., Irkutsk Prov., Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Primorskiy Terr.). — Europe, North Africa, Turkey, Iran, Tajikistan, Uzbekistan, Kazakhstan, Mongolia.

Ectemnius (Clytochrysus) cavifrons (Thomson, 1870)

MATERIAL. *Khakassia*: Kuznetzky Alatau, Maly Kazry River, touristic shelter “Kupriyanova Polyana”, 53°41'42.2"N, 89°02'44.6"E, 5–11.VII.2023, D. Latysheva leg. (1 ♀, KemSU); Kanzhul' river, 192 km from Abakan, 52.6°N, 90.1°E, 1.VIII.2002, A. Barkalov leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Kemerovo Prov., Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov., Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakhalin, Kuril Islands). — Europe, North Africa, Tajikistan, Kazakhstan, Mongolia, Korean Peninsula, Japan, Southeast Asia.

Ectemnius (Clytochrysus) lapidarius (Panzer, 1803)

MATERIAL. *Tyva*: 7 km SE of Buren-Khem vill., stone steppe, Merike traps, 51.6167°N, 95.0893°E, 21.VII.2018, S. Luzyanin, D. Sidorov leg. (1 ♀, KemSU).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Novosibirsk Prov., Kemerovo Prov., Altai), Eastern Siberia (*Tyva Rep., Irkutsk Prov., Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakhalin, Kuril Islands). — Europe, North Africa, Georgia, Turkey, Iran, Kyrgyzstan, Kazakhstan, Mongolia, China, Korean Peninsula, Japan, North America.

Ectemnius (Ectemnius) dives (Lepeletier de Saint Fargeau et Brullé, 1835)

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (2 ♂♂, ISEA); *Tyva*: Piy-Khemsy Distr., 2 km E from Seserlig, 7.VI.2010, Yu. Danilov leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Novosibirsk Prov., Kemerovo Prov., Altai), Eastern Siberia (*Khakassia, *Tyva Rep., Irkutsk Prov., Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakhalin, Kuril Islands). — Europe, North Africa, Georgia, Turkey, Israel, Kazakhstan, China, Korean Peninsula, Japan, North America.

Ectemnius (Hypocrabro) continuus (Fabricius, 1804)

MATERIAL. *Tyva*: 14 km N of Khandagayty, 24–25.VII.1993, A. Barkalov leg. (3 ♂♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Tyumen Prov., Tomsk Prov., Novosibirsk Prov., Altai), Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep., Irkutsk Prov., Yakutia, Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakhalin, Kuril Islands, Kamchatka Terr.). — Europe, North Africa, Georgia, Azerbaijan, Turkey, Syria, Jordan, Israel, Iran, Iraq, Central Asia, Kazakhstan, Mongolia, China, Korean Peninsula, Japan, North America, Cuba, Guatemala, Venezuela.

Ectemnius (Metacrabro) fossorius (Linnaeus, 1758)

MATERIAL. *Tyva*: Tandinsky Distr., Sosnovka, 24.VI–3.VII.1949, Dyatlova leg. (3 ♀♀, 1 ♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Novosibirsk Prov., Kemerovo Prov., Altai), Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep., Irkutsk Prov., Yakutia, Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakhalin, Kuril Islands). — Europe, North Africa, Turkey, Uzbekistan, Kyrgyzstan, Kazakhstan, Mongolia, China, Korean Peninsula, Japan.

Ectemnius (Metacrabro) spinipes (A. Morawitz, 1866)

MATERIAL. *Tyva*: Tandinsky Distr., Sosnovka, 24.VI–5.VII.1949, Dyatlova leg. (2 ♀♀, ISEA).

DISTRIBUTION. Russia: European part (Central, East, North Caucasus, Crimea), Urals, Western Siberia (Tomsk Prov., Novosibirsk Prov., Altai), Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep., Irkutsk Prov.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakhalin). — Europe, Azerbaijan, Turkey, Turkmenistan, Kazakhstan, Mongolia, China, Korean Peninsula, Japan.

Lestica alata (Panzer, 1797)

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 28–30.VI.2014, K. Tishakova leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Omsk Prov., Novosibirsk Prov., Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov., Yakutia, Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr.). — Europe, North Africa, Turkey, Kyrgyzstan, Kazakhstan, Mongolia, China, Korean Peninsula, Japan, North India.

Lestica camelus (Eversmann, 1849)

MATERIAL. *Khakassia*: Kuznetzky Alatau, 8 km from Balyksa village, Terensug River, 8–15.VII.2004, A. Kudryashova leg. (1 ♀, KemSU).

DISTRIBUTION. Russia: European part (Central, East), Urals, Western Siberia (Novosibirsk Prov., Kemerovo Prov., Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov., Buryatia, Yakutia), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakhalin). — Turkey, Kazakhstan, Mongolia, China, Korean Peninsula, Japan.

Lindenius pygmaeus (Rossi, 1794)

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, ISEA); *Tyva*: Tes-Khemsy Distr., 15 km ENE from O-Shynaa village, 17.VII.1993, A. Barkalov leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: European part (Central, East, South, North Caucasus), Urals, *Eastern Siberia (*Khakassia, *Tyva Rep.). — Europe, North Africa, Turkey, Syria, Jordan, Israel, Iran, Afghanistan, Central Asia, Kazakhstan.

Miscophus ater Lepeletier de Saint Fargeau, 1845

MATERIAL. *Tyva*: near Kyzyl, 4.VI.1989, D. Logunov leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: European part (Central, South, West, Western Siberia (Altai), Eastern Siberia (*Tyva Rep., Irkutsk Prov.), Far East (Amurskaya Prov., Primorskiy Terr.). — Europe, North Africa, Azerbaijan, Turkey, Iran, Kazakhstan.

***Oxybelus argentatus* Curtis, 1833**

MATERIAL. *Tyva*: Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Altai), Eastern Siberia (*Tyva Rep., Irkutsk Prov., Zabaikalskiy Terr.), Far East (Primorskiy Terr.). — Europe, Mongolia.

***Oxybelus haemorrhoidalis* Olivier, 1812**

MATERIAL. *Tyva*: Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (1 ♀, 1 ♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Novosibirsk Prov., Altai), Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr.). — Europe, North Africa, Azerbaijan, Turkey, Syria, Israel, Iran, Afghanistan, Turkmenistan, Uzbekistan, Kyrgyzstan, Kazakhstan, Mongolia, China, Korean Peninsula, Japan.

***Oxybelus trispinosus* (Fabricius, 1787)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (2 ♀♀, 1 ♂, ISEA).

DISTRIBUTION. Russia: European part (Central, North Caucasus), Urals, Western Siberia (Tyumen Prov., Altai), Eastern Siberia (*Khakassia, Irkutsk Prov., Buryatia), Far East (Khabarovsk Terr., Primorskiy Terr.). — Europe, North Africa, Turkey, Kazakhstan.

***Oxybelus uniglumis* (Linnaeus, 1758)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Novosibirsk Prov., Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov., Buryatia, Zabaikalskiy Terr.), Far East (Sakhalin, Kuril Islands, Kamchatka Terr.). — Europe, North Africa, Turkey, Tajikistan, Kyrgyzstan, Kazakhstan, Mongolia, China, North America.

***Palarus variegatus variegatus* (Fabricius, 1781)**

MATERIAL. *Tyva*: Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (5 ♂♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Omsk Prov., Altai), Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep., Zabaikalskiy Terr.). — Western, South, and Eastern Europe, North Africa, Georgia, Armenia, Turkey, Afghanistan, Pakistan, Turkmenistan, Tajikistan, Uzbekistan, Kazakhstan, Mongolia, China (NC, NW), India.

***Tachysphex fulvitaris* (A. Costa, 1867)**

MATERIAL. *Tyva*: near Kyzyl, 4–8.VI.1989, D. Logunov leg. (3 ♂♂, ISEA); Piy-Khemsy Distr., near Kara-Chaak, 4.VII.2010, A. Erst leg. (1 ♀, ISEA); Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (1 ♀, 2 ♂♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Omsk Prov., Novosibirsk Prov., Altai), Eastern Siberia (*Tyva Rep., Buryatia, Yakutia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Primorskiy Terr.). — Europe, North Africa, Turkey, Syria, Jordan, Israel, Turkmenistan, Tajikistan, Uzbekistan, Kazakhstan.

***Tachysphex helveticus* Kohl, 1885**

MATERIAL. *Tyva*: Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (5 ♀♀, 3 ♂♂, ISEA).

DISTRIBUTION. Russia: European part (Central, East, South, North Caucasus), Urals, Western Siberia (Altai), Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep., Irkutsk Prov., Buryatia, Zabaikalskiy Terr.), Far East (Primorskiy Terr.). — Europe, North Africa, Turkey, Jordan, Tajikistan, Kazakhstan, Mongolia.

***Tachysphex melas* Kohl, 1898**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, ISEA); *Tyva*: 25 km W from Erzin, 1.VI.1989, D. Logunov leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: European part (South), Western Siberia (Altai), Eastern Siberia (*Khakassia, *Tyva Rep., Irkutsk Prov.), Far East (Primorskiy Terr.). — North Africa, Oman, United Arab Emirates, Turkmenistan, Tajikistan, Kazakhstan, Mongolia.

***Tachysphex nigricolor* (Dalla Torre, 1897)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♂, ISEA); *Tyva*: 14 km N of Khandagayty, 25.VII.1993, A. Barkalov leg. (3 ♀♀, ISEA); Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (1 ♀, 4 ♂♂, ISEA).

DISTRIBUTION. Russia: *Eastern Siberia (*Khakassia, *Tyva Rep.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Kuril Islands). — China, Korean Peninsula, Japan, Southeast Asia.

***Tachysphex pompiliformis* (Panzer, 1804)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (6 ♀♀, 5 ♂♂, ISEA); 28–30.VI.2014, K. Tishakova leg. (4 ♀♀, 1 ♂, ISEA); *Tyva*: 27 km SSW of Erzin, Tore-Khol Lake, 11.VII.2014, A. Lelej, M. Proshchalykin, V. Loktionov leg. (1 ♂, ISEA); Todzhinsky Distr., Todzha Lake [=Azas Lake], 19–23.VI.1989, D. Logunov leg. (3 ♀♀, ISEA); Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (9 ♀♀, 4 ♂♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Novosibirsk Prov., Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., *Tyva Rep., Irkutsk Prov., Buryatia, Yakutia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakhalin, Kamchatka Terr., Magadan Prov.). — Europe, North Africa, Turkey, Iran, Pakistan, Turkmenistan, Tajikistan, Uzbekistan, Kazakhstan, Mongolia, China, Korean Peninsula, India, North America.

***Tachytes obsoletus* (Rossi, 1792)**

MATERIAL. *Tyva*: Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (7 ♀♀, 8 ♂♂, ISEA).

DISTRIBUTION. Russia: European part (South, North Caucasus), Urals, Western Siberia (Omsk Prov., Novosibirsk Prov., Altai), *Eastern Siberia (*Tyva Rep.). — Europe, North Africa, Turkey, Israel, Iraq, Tajikistan, Uzbekistan, Kazakhstan, China.

***Tachytes panzeri* (Dufour, 1841)**

MATERIAL. *Tyva*: Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (5 ♂♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Omsk Prov., Novosibirsk Prov., Altai), Eastern Siberia (*Tyva Rep., Irkutsk Prov.). — Europe, North Africa, Turkey, Israel, Iran, Turkmenistan, Tajikistan, Uzbekistan, Kazakhstan.

***Trypoxylon attenuatum* F. Smith, 1851**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, ISEA); 28–30.VI.2014, K. Tishakova leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr.). — Europe, North Africa, Turkey, Israel, Afghanistan, Uzbekistan, Kazakhstan, China, North America.

***Trypoxylon figulus* (Linnaeus, 1758)**

MATERIAL. *Tyva*: Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (2 ♀♀, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Tyumen Prov., Tomsk Prov., Novosibirsk Prov., Kemerovo Prov., Altai), Eastern Siberia (Khakassia, Krasnoyarsk Terr., *Tyva Rep., Irkutsk Prov., Buryatia, Zabaikalskiy Terr.), Far East (Primorskiy Terr.). — Europe, North Africa, Turkey, Tajikistan, Uzbekistan, Kyrgyzstan, Kazakhstan, Mongolia, China, Japan, North America.

***Trypoxylon fronticorne fronticorne* Gussakovskij, 1936**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (2 ♀♀, 1 ♂, ISEA); 28–30.VI.2014, K. Tishakova leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: European part (Central, East, North Caucasus), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov.). — Europe, Armenia, Azerbaijan, Turkey, Kazakhstan, India.

Subfamily PEMPHREDONINAE

***Diodontus collaris* Tsuneki, 1972**

MATERIAL. *Tyva*: Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: Western Siberia (Altai), Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep., Irkutsk Prov., Zabaikalskiy Terr.). — Kazakhstan, Mongolia.

***Diodontus kaszabi* Tsuneki, 1972**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, ISEA); 28–30.VI.2014, K. Tishakova leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: Western Siberia (Altai), Eastern Siberia (*Khakassia, Irkutsk Prov., Zabaikalskiy Terr.), Far East (Amurskaya Prov., Kamchatka Terr., Magadan Prov.). — Mongolia.

***Diodontus luperus* Shuckard, 1837**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov., Yakutia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Kuril Islands). — Europe, North Africa, Turkey, Kazakhstan, Mongolia.

***Diodontus minutus* (Fabricius, 1793)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Tyumen Prov., Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov., Zabaikalskiy Terr.), Far East (Primorskiy Terr.). — Europe, North Africa, Turkey, Syria, Israel, Iraq, Iran, Kuwait, Afghanistan, Central Asia, Kazakhstan, Mongolia, China, Korean Peninsula, North America.

***Mimumesa unicolor* (Vander Linden, 1829)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Novosibirsk Prov., Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov., Yakutia, Zabaikalskiy Terr.). — Europe, Azerbaijan, Turkey, Israel, Iraq, Afghanistan, Pakistan, Central Asia, Kazakhstan, China.

***Passaloecus clypealis* Faester, 1947**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (2 ♀♀, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Altai), Eastern Siberia (*Khakassia, Irkutsk Prov.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakhalin, Kuril Islands, Kamchatka Terr.). — Europe, Tajikistan, Uzbekistan, Kyrgyzstan, Kazakhstan, China, Korean Peninsula, Japan.

***Passaloecus monilicornis* Dahlbom, 1842**

MATERIAL. *Tyva*: Todzhinskiy Distr., Todzha Lake [=Azas Lake], 19–23.VI.1989, D. Logunov leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Tomsk Prov., Altai), Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep., Irkutsk Prov., Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakha-

lin, Kuril Islands, Kamchatka Terr., Magadan Prov.). — Europe, Kazakhstan, Mongolia, China, Korean Peninsula, Japan, North America.

***Pemphredon lugens* Dahlbom, 1842**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka, [53°13'N, 90°05'E], 22–30.VI.2014, Yu. Danilov leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Altai), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov.), Far East (Magadan Prov.). — Europe, Turkey, Kazakhstan.

***Pemphredon montana* Dahlbom, 1845**

MATERIAL. *Khakassia*: Kuznetsky Alatau, Maly Kazyr River, touristic shelter “Kupriyanova Polyana”, 53°41'42.2"N, 89°02'44.6"E, 9–11.VII.2023, D. Latysheva leg. (1 ♀, KemSU).

DISTRIBUTION. Russia: European part (North, North-West, Central, East), Urals, Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov., Buryatia, Yakutia), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Sakhalin, Kuril Islands, Kamchatka Terr., Magadan Prov.). — Europe, Kazakhstan, China, Korean Peninsula, Japan, North America.

***Psen ater* (Olivier, 1792)**

MATERIAL. *Khakassia*: Askizsky Distr., near Kazanovka [53°13'N, 90°05'E], 28–30.VI.2014, K. Tishakova leg. (1 ♂, ISEA).

DISTRIBUTION. Russia: European part, Urals, Western Siberia (Altai, Kemerovo Prov.), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov., Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Khabarovsk Terr., Primorskiy Terr., Kuril Islands). — Europe, Turkey, Uzbekistan, Kazakhstan, Mongolia, China, Korean Peninsula, Japan.

Subfamily PHILANTHINAE

***Cerceris tuberculata* (de Villers, 1789)**

MATERIAL. *Tyva*: right bank of Khemtshik River near the mouth of Alash River, 51.2540°N, 90.8810°E, 20.VII.2022, D. Sidorov, D. Dimakova leg. (2 ♂♂, KemSU).

DISTRIBUTION. Russia: European part (Central, East, South, North Caucasus, Crimea), Urals, Western Siberia (Omsk Prov., Novosibirsk Prov., Altai), Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep., Buryatia, Zabaikalskiy Terr.). — Western, Southern, and Eastern Europe, Georgia, Armenia, Azerbaijan, Turkey, Israel, Turkmenistan, Tajikistan, Uzbekistan, Kazakhstan, Mongolia, China, Korean Peninsula.

***Philanthinus quattuordecimpunctatus* (F. Morawitz, 1888)**

MATERIAL. *Krasnoyarsk Territory*: Kuragino, 53.8767°N, 92.5972°E, 18.VII.2018, S. Luzyanin, D. Sidorov leg. (1 ♂, ISEA); Verkhneusinskoye, 52.3487°N, 93.1543°E, 19.VII.2018, S. Luzyanin, D. Sidorov leg. (1 ♀, 1 ♂, ISEA).

DISTRIBUTION. Russia: European part (Central, Crimea), Western Siberia (Altai), *Eastern Siberia (*Krasnoyarsk Terr.). — Turkey, Turkmenistan, Kazakhstan, China.

***Philanthus coronatus* (Thunberg, 1784)**

MATERIAL. *Tyva*: right bank of Khemtshik River near the mouth of Alash River, 51.2540°N, 90.8810°E, 20.VII.2022, D. Sidorov, D. Dimakova leg. (1 ♀, KemSU); Ulug-Khemsy Distr., near Shagonar, 20–26.VI.2017, A. Byvaltsev, N. Moskalenko leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: European part (Central, East, South, North Caucasus), Urals, Western Siberia (Novosibirsk Prov., Altai), Eastern Siberia (Krasnoyarsk Terr., *Tyva Rep.). — Western, Southern, and Eastern Europe, North Africa, Turkey, Uzbekistan, Kyrgyzstan, Kazakhstan, Mongolia, China, Korean Peninsula.

***Philanthus hellmanni* (Eversmann, 1849)**

MATERIAL. *Khakassia*: Askizsky Distr., Birichkul', Askiz River, 6.VIII.1969, Shcherba and Piven leg. (1 ♀, ISEA); Sayan Mountains, Mishikha River, 52.4°N, 90.0°E, 1.VIII.2002, A. Barkalov leg. (3 ♀♀, ISEA).

DISTRIBUTION. Russia: Western Siberia (Altai, Kemerovo Prov.), Eastern Siberia (*Khakassia, Krasnoyarsk Terr., Irkutsk Prov., Buryatia, Zabaikalskiy Terr.), Far East (Amurskaya Prov., Primorskiy Terr.). — Tajikistan, Kazakhstan, Mongolia, China.

***Pseudoscolia simplicicornis* (F. Morawitz, 1894)**

MATERIAL. *Tyva*: 11 km W of Ust-Elegest village, steppe, 51.5526°N, 93.9894°E, 27.VII.2018, S. Luzyanin, D. Sidorov leg. (1 ♀, ISEA).

DISTRIBUTION. Russia: European part (South, North Caucasus), Eastern Siberia (*Tyva Rep., Zabaikalskiy Terr.). — Eastern Europe, Turkmenistan, Uzbekistan, Kazakhstan, Mongolia.

Thirty eight species are newly recorded for the fauna of Tyva Republic, 41 species of wasps are new for the fauna of Khakassia, and one species each for Altai Republic and Krasnoyarsk Territory. *Crabro uljanini* Radoszkowski, 1877 previously known from Tajikistan is reported from Russia for the first time. Six species are recorded for Eastern Siberia for the first time: *Antepipona deflenda* (S. Saunders, 1853), *Crossocerus distinguendus* (A. Morawitz, 1866), *Lindenius pygmaeus* (Rossi, 1794), *Tachysphex nigricolor* (Dalla Torre, 1897), *Tachytes obsoletus* (Rossi, 1792), *Philanthinus quattuordecimpunctatus* (F. Morawitz, 1888). This is a significant addition to the faunal lists of a number of Siberian regions.

Competing interests. The authors declare no competing interests.

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