

Beit. Ent.	Berlin	ISSN 0005-805X
45(1995)2	S. 299-305	24.07.1995

Data to the fauna of the Aculeata of the Ussuri area (Hymenoptera: Sapygidae, Pompilidae, Vespidae)

(Contributions to the knowledge of East Palaearctic insects; 1)

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Zusammenfassung

Die Funddaten der während der ersten Expedition des Deutschen Entomologischen Instituts in den Fernen Osten Rußlands gesammelten Sapygidae, Pompilidae und Vespidae werden aufgelistet. 165 Exemplare von 35 Arten werden aufgeführt. Die Auflistung wird durch Angaben zur Verbreitung der Arten ergänzt.

Abstract

The records of Sapygidae, Pompilidae, and Vespidae collected during the first expedition of the German Entomological Institute to the Russian Far East are listed. 165 specimens of 35 species are cited. The list is accompanied by remarks on the distribution of the species.

Резюме

Приведены данные о собранных во время первой экспедиции Немецкого Энтомологического Института на Дальний Восток Sapygidae, Pompilidae и Vespidae. Список 165 экземпляров из 35 видов включает данные о распространении видов.

The following data are based on the material collected by A. TAEGER during the first expedition of the Deutsches Entomologisches Institut (DEI) to the Russian Far East between May 20 and June 23 1993.³ The sapygid and vespid wasps were identified by N.V. KURZENKO, the pompilid wasps by A.S. LELEJ.

Though the material presented here is rather small, it seems useful to publish these data to give a more complete impression of the collected Hymenoptera. The specimens are housed in the collection of the DEI.

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³This expedition was supported by a grant of the Deutsche Forschungsgemeinschaft

For full data from the Russian Far East for the three families of wasps included in this paper see KURZENKO (1995a, 1995b), LELEJ (1995) and LELEJ et al. (1994).

List of localities and collection dates

To avoid repetitions in the list of records the following gives detailed information on the collection data.

Khabarovskiy Kray:

Boitsovo N Bikin, Bolshoi Solntsepyok Hill SE Boitsovo, 250m; 47°02'N, 134°21'E; 24.-26.05.1993

Boitsovo N Bikin, Shivki Mt. NW Boitsovo, 300m; 47°05'N, 134°18'E; 27.05.1993

Primorskiy Kray:

Anisimovka 70 km E Vladivostok, 250m; 43°11'N, 132°41'E; 05.-09.06.1993

Anisimovka 70 km E Vladivostok, Litovka Mt., 1000m; 43°07'N, 132°41'E; 08.06.1993

Banevurovo S Ussuriysk, 150m; 43°42'N, 132°01'E; 10.06.1993

Biological station 30 km SE Chuguyevka (Sichote Alin), 650m; 44°05'N, 134°12'E; 01.,03.06.1993

Gorniye klyuchi 25 km S Lesozavodsk, Ussuri banks, 100m; 45°15'N, 133°30'E; 23.05.1993

Meteorological station 28 km SE Chuguyevka (Sichote Alin), 900m; 43°59'N, 134°08'E; 01.06.1993

Oblachnaya-Massiv 56 km SE Chuguyevka (Sichote Alin), 850m; 43°45'N, 134°15'E; 02.06.1993

Partisan, 13 km S Ussuriysk, 100m; 43°42'N, 132°00'E; 15.06.1993

Przhevalski Mts. 53 km SE Ussuriysk, 250m; 43°37'N, 132°35'E; 13.06.1993

Ryazanovka 14 km SW Slavyanka, 50m; 42°48'N, 131°12'E; 16.-18.06.1993

Samarka 70 km N Chuguyevka, Gordeyevskaya Mt., 300m; 44°46'N, 134°13'E; 29.05.1993

Samarka 70 km N Chuguyevka, banks of Zhuravlyevka, 200m; 44°43'N, 134°12'E; 30.05.1993

Tamga 17 km NE Lesozavodsk, 130m; 45°37'N, 133°36'E; 24.05.1993

Tikhoye nr. Razdolnoye 36 km S Ussuriysk, 100m; 43°36'N, 131°52'E; 22.05.,19.06.1993

Ussuriysky Zapovednik 33 km SE Ussuriysk, 200m; 43°37'N, 132°18'E; 10.-12.,14.06.1993

List of collected specimens

Family Sapygidae

Sapyga similis (FABRICIUS, 1793)

Primorskiy Kray: Ussuriysky Zapovednik, 1♀

Distribution. Europe, Russia (from European part eastwards to the Pacific Ocean), Mongolia, northern China.

Family Pompilidae

The fauna of pompilid wasps of Russian Far East includes 107 species of 23 genera. Most of the species are associated with forest biotopes.

Anoplius (Anoplius) iwatai YASUMATSU, 1939

Primorskiy Kray: Anisimovka, 2♂

Distribution. Russia (Amur region, Primorskiy Kray, Sakhalin, Kunashir Island), Japan (Honshu, Kyushu).

Anoplius (Anoplius) petiolaris GUSSAKOVSKIJ, 1932

Primorskiy Kray: Anisimovka, 1♂

Distribution. Russia (Khabarovskiy Kray, Primorskiy Kray, Sakhalin, Kunashir Island, Shikotan Island).

Anoplius (Anoplius) nigerrimus (SCOPOLI, 1763)

Primorskiy Kray: Anisimovka, 1♀

Distribution. Widely distributed Holarctic species. In East Asia: Russia (Transbaikalia, Far East except Kuril Islands).

Arachnospila (Ammosphex) eoabnormis LELEJ, 1995

Primorskiy Kray: Anisimovka, 1♂

Distribution. Russia (Amur region, Primorskiy Kray).

Auplopus pygialis (PEREZ, 1905)

Primorskiy Kray: Anisimovka, Litovka Mt., 1♀

Distribution. Russia (Irkutsk region, southern part of the Far East), Korea, Japan (Hokkaido, Honshu).

Auplopus takachihoi YASUMATSU, 1943

Primorskiy Kray: Ussuriysky Zapovednik, 1♀

Distribution. Russia (Primorskiy Kray), Korea, Japan (Hokkaido, Honshu, Shikoku, Kyushu).

Dipogon (Deuteragenia) bifasciatus GEOFFROY, 1785

Primorskiy Kray: Anisimovka, 1♀

Distribution. Palaearctic species, widely distributed (except south and north) from Western Europe to Japan (Honshu).

Dipogon (Deuteragenia) nipponicus YASUMATSU, 1939

Primorskiy Kray: Partisan, 1♂

Distribution. Russia (Amur region, Primorskiy Kray), Japan (Honshu).

Priocnemis (Umbripennis) gussakovskii LELEJ, 1988

Primorskiy Kray: Anisimovka, 2♀; Samarka, Gordeyevskaya Mt., 1♂

Distribution. Russia (Amur region, Primorskiy Kray), Korea.

Priocnemis (Umbripennis) japonica GUSSAKOVSKIJ, 1930

Khabarovskiy Kray: Boitsovo, Bolshoi Solntsepyok Hill, 2♂ 7♀; Boitsovo, Shivki Mt., 3♂ 2♀

Primorskiy Kray: Anisimovka, 1♂ 14♀; Anisimovka, Litovka Mt., 4♀; Banevurovo S Ussuriysk, 1♀; Biological station 30 km SE Chuguyevka, 4♂; Oblachnaya, 4♂ 3♀; Przhevalski Mts., 4♀; Samarka, banks of Zhuravlyevka, 2♂ 2♀; Tikhoye near Razdolnoye, 1♀; Ussuriysky Zapovednik, 1♂ 5♀

Distribution. Russia (Buryatiya, Amur region, Khabarovskiy Kray, Primorskiy Kray, Sakhalin, Kunashir Island), Korea, Japan (Hokkaido, Honshu).

Priocnemis (Umbripennis) pseudojaponica LELEJ, 1988

Primorskiy Kray: Biological station 30 km SE Chuguyevka, 1♂; Przhevalski Mts., 1♀

Distribution. Russia (Primorskiy Kray).

Family Vespidae

Subfamily Polistinae

Polistes (Polistes) riparius SK. YAMANE & S. YAMANE, 1987

Khabarovskiy Kray: Boitsovo, Bolshoi Solntsepyok Hill, 2♀; Boitsovo, Shivki Mt., 1♀

Primorskiy Kray: Anisimovka, 1♀; Anisimovka, Litovka Mt., 1♀; Oblachnaya, 1♀; Przhevalski Mts., 1♀; Samarka, banks of Zhuravlyevka, 1♀

Distribution. Russia (Yakutiya, Chita region, Buryatiya, Amur region, southern part of Khabarovskiy Kray, Primorskiy Kray, ?Sakhalin, southern Kuril Islands), Korea, north-eastern China, Mongolia, Japan (Hokkaido, Honshu).

Polistes (Polistella) snelleni SAUSSURE, 1862

Khabarovskiy Kray: Boitsovo, Bolshoi Solntsepyok Hill, 2♀; Boitsovo, Shivki Mt., 1♀

Primorskiy Kray: Anisimovka, 2♀; Anisimovka, Litovka Mt., 1♀; Banevurovo S Ussuriysk, 1♀; Gorniye Klyuchi, 1♀; Przhevalski Mts., 4♀; Samarka, Gordeyevskaya Mt., 1♀; Tamga, 1♀; Tikhoye near Razdolnoye, 1♀; Ussuriysky Zapovednik, 1♀

Distribution. Russia (Chita region, Buryatiya, Amur region, southern part of Khabarovskiy Kray, Primorskiy Kray), Korea, China, Japan (Hokkaido, Honshu, Kyushu).

Subfamily Vespinae

Dolichovespula media (RETZIUS, 1783)

Khabarovskiy Kray: Boitsovo, Shivki Mt., 1♀

Primorskiy Kray: Anisimovka, 1♀; Biological station 30 km SE Chuguyevka, 1♀; Meteorological station 28 km SE Chuguyevka, 1♀; Przhevalski Mts., 2♀; Samarka, banks of Zhuravlyevka, 1♀; Tamga, 1♀

Distribution. Europe, Syria, eastern Kazakhstan, Russia (from European part eastwards to the Pacific Ocean, Sakhalin, southern Kuril Islands), Mongolia, Korea, north-eastern China, Japan (Hokkaido, Honshu).

Dolichovespula saxonica (FABRICIUS, 1793)

Primorskiy Kray: Anisimovka, 2♀

Distribution. Europe, Asia Minor, Kazakhstan, Russia (from European part eastwards to the Pacific Ocean, Kamtchatka, Sakhalin, Kuril Islands), Mongolia, Korea, China, Japan (Hokkaido, Honshu).

Vespa analis FABRICIUS, 1775

Khabarovskiy Kray: Boitsovo, Bolshoi Solntsepyok Hill, 1♀

Primorskiy Kray: Przhevalski Mts., 1♀; Ussuriyskiy Zapovednik, 1♀

Distribution. Russia (southern part of Primorskiy Kray), Japan, Korea, China, South-eastern Asia westwards to Kashmir, southwards to Java.

Vespa crabro LINNÉ, 1758

Khabarovskiy Kray: Boitsovo, Bolshoi Solntsepyok Hill, 1♀

Primorskiy Kray: Anisimovka, Litovka Mt., 1♀; Oblachnaya, 1♀; Ryazanovka, 1♀

Distribution. Europe, Asia Minor, northern Iran, Caucasus, Russia (from European part eastwards to the Pacific Ocean, Sakhalin), western Mongolia, Korea, China, Japan. Introduced to North America

Vespa mandarina SMITH, 1852

Primorskiy Kray: Samarka, banks of Zhuravlyevka, 1♀

Distribution. Russia (southern part of Primorskiy Kray), Korea, China, Taiwan, Japan, northern part of Indochina Peninsula, westwards to Nepal and northern India.

Vespa simillima SMITH, 1868

Primorskiy Kray: Oblachnaya, 1♀; Przhevalski Mts., 3♀; Ussuriyskiy Zapovednik, 1♀

Distribution. Russia (Amur region, Khabarovskiy Kray, Primorskiy Kray, Sakhalin, Kamtchatka, Kunashir Island), north-eastern China, Korea, Japan.

Vespa tropica LINNÉ, 1758

Primorskiy Kray: Przhevalski Mts., 1♀; Ussuriyskiy Zapovednik, 3♀

Distribution. Russia (southern part of Primorskiy Kray), Japan (except Hokkaido) China, Korea, southern and south-eastern Asia (westwards to Afghanistan, southwards to New Guinea).

Vespula (Vespula) austriaca (PANZER, 1799)

Khabarovskiy Kray: Boitsovo, Shivki Mt., 1♀

Distribution. Europe, Caucasus, Asia Minor, Kazakhstan, Russia (from European part eastwards to the Pacific Ocean, Kamtchatka, Sakhalin, Kunashir Island), northern Pakistan, Mongolia, North Korea, northern China, Japan (Hokkaido, Honshu), North America.

Vespula (Paravespula) flaviceps (SMITH, 1870)

Primorskiy Kray: Anisimovka, 5♀; Ryazanovka, 1♀; Ussuriyskiy Zapovednik, 2♀

Distribution. Russia (southern part of Primorskiy Kray), Japan, China, Korea, Taiwan, Myanmar, Nepal, northern India.

Vespula (Pararvespula) shidai ISHIKAWA, SK. YAMANE & WAGNER, 1980

Khabarovskiy Kray: Boitsovo, Shivki Mt., 1♀

Primorskiy Kray: Anisimovka, 1♀; Przhevalski Mts., 1♀

Distribution. Russia (southern part of Primorskiy Kray, Kunashir Island), north-eastern China, Japan.

Vespula (Rugovespula) koreensis (RADOSZKOWSKY, 1887)

Primorskiy Kray: Anisimovka, 1♀; Oblachnaya, 1♀; Przhevalski Mts., 3♀;
Ryazanovka, 1♀; Ussuriysky Zapovednik, 1♀

Distribution. Russia (southern part of Primorskiy Kray), China, Korea, northern Laos, north-eastern India.

Subfamily Eumeninae

Allodynerus delphinalis (GIRAUD, 1866)

Primorskiy Kray: Anisimovka, 1♂

Distribution. Europe (except northern part), Caucasus, Palaearctic Asia up to Japan (Hokkaido, Honshu).

Allodynerus leleji KURZENKO, 1995

Primorskiy Kray: Ussuriysky Zapovednik, 1♀

Distribution. Russia (southern part of Primorskiy Kray - only known from Ussuriysky Natural Reserve).

Ancistrocerus oiventris (WESMAEL, 1836)

Khabarovskiy Kray: Boitsovo, Bolshoi Solntsepyok Hill, 1♂

Primorskiy Kray: Anisimovka, 1♂

Distribution. Europe, Caucasus, Asia Minor, Kazakhstan, Russia (from European part eastwards to the Pacific Ocean, Sakhalin), Mongolia, north-eastern China, Japan (Hokkaido, Honshu).

Ancistrocerus parietinus (LINNÉ, 1761)

Primorskiy Kray: Ussuriysky Zapovednik, 1♀

Distribution. Europe, Caucasus, Asia Minor, Kazakhstan, Russia (from European part eastwards to the Pacific Ocean, Sakhalin), Japan (Hokkaido).

Ancistrocerus trifasciatus (O. F. MÜLLER, 1776)

Primorskiy Kray: Anisimovka, 1♂; Przhevalski Mts., 1♂

Distribution. Europe, Caucasus, Asia Minor, Kazakhstan, Kirghizia, Russia (from European part eastwards to the Pacific Ocean, Kamtchatka, Sakhalin, Kunashir Island), Mongolia, Japan (Hokkaido, Honshu).

Eumenes coronatus (PANZER, 1799)

Primorskiy Kray: Anisimovka, Litovka Mt., 1♀; Przhevalski Mts., 1♂; Ussuriysky Zapovednik, 2♂

Distribution. Europe, Caucasus, Palaearctic Asia eastwards to Japan (Kyushu).

Euodynerus (Pareuodynerus) notatus (JURINE, 1807)

Primorskiy Kray: Anisimovka, Litovka Mt., 1♂

Distribution. Europe, North Africa, Caucasus, Asia Minor, Kazakhstan, Russia (from European part eastwards to the Pacific Ocean), Mongolia, China, Korea, Japan.

Euodynerus (Pareuodynerus) quadrifasciatus (FABRICIUS, 1793)

Primorskiy Kray: Partisan, 1♂; Przhevalski Mts., 1♂; Ussuriysky Zapovednik, 2♂ 1♀

Distribution. Europe, North Africa, Caucasus, Asia Minor, Kazakhstan, Russia (from European part eastwards to the Pacific Ocean, Sakhalin, Kunashir Island), Mongolia, north-eastern China, Korea, Japan (Hokkaido, Honshu).

Odynerus spinipes (LINNÉ, 1758)

Primorskiy Kray: Banevurovo S Ussuriysk, 1♂

Distribution. Europe, Kazakhstan, Tadzikistan, Russia (from European part eastwards to the Pacific Ocean).

Symmorphus lucens (KOSTYLEV, 1938)

Primorskiy Kray: Anisimovka, 2♂

Distribution. Russia (from Altai eastwards to Sakhalin and Primorskiy Kray), Japan (Honshu).

Acknowledgements

We are grateful to Mr. A.D. LISTON (Daibersdorf) who kindly checked the English of the article.

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Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Beiträge zur Entomologie = Contributions to Entomology](#)

Jahr/Year: 1995

Band/Volume: [45](#)

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Artikel/Article: [Data to the fauna of the Aculeata of the Ussuri area \(Hymenoptera: Sapygidae, Pompilidae, Vespidae\). \(Contributions to the knowledge of East Palaearctic insects; 1\). 299-305](#)