

Tephritoidea (Diptera) of the Ussuri Nature Reserve and adjacent territories

Тепхритоидея (Diptera) Уссурийского заповедника и прилегающих территорий

T.V. Galinskaya¹, O.G. Ovtshinnikova²
Т.В. Галинская¹, О.Г. Овчинникова²

¹ Dept. of Entomology, Biological Faculty, Lomonosov Moscow State University; Leninskie Gory, GSP-1, korp. 12, Moscow, 119991, Russia. E-mail: nuha1313@gmail.com

¹ Кафедра энтомологии, Биологический факультет МГУ им. М.В. Ломоносова; Ленинские Горы, ГСП-1, корп. 12, Москва, 119991, Россия. E-mail: nuha1313@gmail.com

² Zoological Institute, Russian Academy of Sciences, Universitetskaya Emb. 1, St. Petersburg 199034, Russia. E-mail: brach@zin.ru

² Зоологический институт РАН, Университетская наб. 1, Ст. Петербург 19034, Россия. E-mail: brach@zin.ru

KEY WORDS: Diptera, Tephritoidea, Tephritidae, Ulidiidae, Platystomatidae, Russia, Far East, new records.

КЛЮЧЕВЫЕ СЛОВА: Diptera, Tephritoidea, Tephritidae, Ulidiidae, Platystomatidae, Россия, Дальний Восток, новые находки.

ABSTRACT. In a total 53 species from 30 genera of Tephritidae, 8 species from 4 genera of Platystomatidae and 3 species from 2 genera of Ulidiidae (Diptera, Tephritoidea) are reported from the Ussuri Nature Reserve and adjoined territories (Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe) and neighborhood of Ussuriysk), most of them are new for the region. *Acidiella sapporensis* (Shiraki, 1933), *Paratephritis takeuchii* Ito, 1949, *Sinacidia flexuosa* (Zia, 1938), *Oreurinus cuspidatus* Ito, 1984 (Tephritidae) and *Pterogenia hologaster* Hendel, 1914 (Platystomatidae) are reported as new for the Russian insect fauna.

РЕЗЮМЕ. Всего 53 вида из 30 родов Tephritidae, 8 видов из 4 родов Platystomatidae и 3 вида из 2 родов Ulidiidae указаны для Уссурийского заповедника и прилегающих территорий (Горнотаежная станция и окрестности Уссурийска), значительная часть из которых являются новыми находками для региона. *Acidiella sapporensis* (Shiraki, 1933), *Paratephritis takeuchii* Ito, 1949, *Sinacidia flexuosa* (Zia, 1938), *Oreurinus cuspidatus* Ito, 1984 (Tephritidae) и *Pterogenia hologaster* Hendel, 1914 (Platystomatidae) отмечены как новые для России.

Introduction

The family Tephritidae (Diptera) includes more than 4350 species from 480 genera worldwide. Larvae of Palaearctic species develop in tissues of living plants (including flowers and fruits) from families Asteraceae, Araleaceae, Apiaceae, Caprifoliaceae, Rhamnaceae, Rosaceae and others. Larvae of the species from tribe

Acanthonevrini, occurring on the Far East, in particular *Lenitovena* Ito, 1894, develop in decaying inner bark of various trees.

Tephritid fauna of the Far East consists of 156 species from 68 genera [Korneyev & Ovtshinnikova, 2004]. In this study we report 53 species from 30 genera of Tephritidae, that is one third of the known fauna of the Far East, and almost one half of the generic composition; Platystomatidae — 8 species from 4 genera; Ulidiidae — 3 species from 2 genera, what indicates a very high degree of its scrutiny. A special collecting trip to the Ussuri Nature Reserve was done by T.V. Galinskaya at 2013; to Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe) and neighborhood of Ussuriysk by O.G. Ovtshinnikova at 1980–1982 and at 1999. In the Keys to Insects of Far East Russia, Fam. Tephritidae (Korneyev, Ovtshinnikova, 2004) the presence of many species of Russian insect fauna for the first time has been indicated on the basis of collection material deposited in the Zoological Institute of the Russian Academy of Sciences without giving specific findings. In this study we partially fill this gap. This article presents new data about distribution of Tephritidae of Primorsky Krai.

Tephritid fauna of the Ussuri Nature Reserve consists of 9 species from 4 genera up to date: *Lenitovena* (*L. pteropleuralis* (Hendel, 1927), *L. trigona* (Matsumura, 1905)), *Euphranta* Loew, 1862 (*E. flavorufa* Hering, 1936), *Urophora* Robineau-Desvoidy, 1830 (*U. sahalinensis* (Shiraki 1933), *U. mandshurica* (Hering 1940), *U. misakiana* (Matsumura 1916), *U. bicoloricornis* (Zia 1937), *U. shatalkini* Korneyev & White 1991), *Matsumurania* Shiraki 1933 (*M. sapporensis* (Matsumura, 1916)) [Korneyev, 1987, 1990; Korneyev & White, 1991, 1996]. Four species: *Acidiella sapporensis* (Shiraki, 1933),

Paratephritis takeuchii Ito, 1949, *Sinacidia flexuosa* (Zia, 1938) and *Oreurinus cuspidatus* Ito, 1984 (Tephritidae) are reported as new for the Russian insect fauna. No species of families Platystomatidae and Ulidiidae were reported from the Ussuri Nature Reserve up to date. One species *Pterogenia hologaster* Hendel, 1914 (Platystomatidae) is reported as new for the Russian insect fauna.

Material and methods

This study is based upon the material deposited in the Zoological Institute of the Russian Academy of Sciences, Saint-Petersburg, Russia (ZIN), in the Zoological Museum of Lomonosov State University, Moscow, Russia (ZMMU) and Far Eastern Branch, Russian Academy of Sciences, Institute of Biology and Soil Sciences, Laboratory of Entomology (FEB RAS).

Species account

Family Tephritidae Newman, 1834

Acidia Robineau-Desvoidy, 1830

Acidia japonica Shiraki, 1933

MATERIAL. 3♀♀, S Primorsky Krai, Kamenushka, 14.VIII.1987, A.Shatalkin; 2♀♀, same label, 13.VIII.1987; 1♀, same label, 1.VIII.1987; 3♀♀, same label, 11.VII.1988; 1♀, RUS, Primorsky Krai, Ussuri Nature Reserve, Peyshoa cordon, 145m, 43.381°N 132.331E, 6–11.VIII.2013, I.Gomyranov (ZMMU). 1♂, Suputinsky (now Ussuri) Nature Reserve, S Primorsky Krai, Nartshuk 14.08.1962 (ZIN).

DISTRIBUTION. Russia (Primorsky Krai, S Sakhalin, S Kuril Islands), Japan (Hokkaido, Honshu, Kyushu).

Aciidiella Hendel, 1914

Aciidiella angustifascia (Hering, 1936)

MATERIAL. 19♀♀, 18♂♂, Primorsky Krai, Suputinsky (now Ussuri) Nature Reserve, Kandybina, 12.09.1968 (larvae in fruits of *Eleuterococcus sentecosis* Maxim.); 1♂, same locality, 1.09.1968, (larvae in fruits of *Acanthopanax sessiliflorum* Seem.); 1♀, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), S Primorsky Krai, Nartshuk 8.08.1962 (ZIN).

DISTRIBUTION. Russia (S Khabarovsk Krai, Primorsky Krai), China (Heilongjiang, Beijing).

Aciidiella issikii (Shiraki, 1933)

MATERIAL. 1♀, Primorsky Krai, Ussuri Distr., Gornotaezhnoe, 6–8.08.1999, Krivokhatsky, Ovtshinnikova (ZIN).

DISTRIBUTION. Russia (S Primorsky Krai), Japan (Honshu), S Korea.

Aciidiella sapporensis (Shiraki, 1933)

MATERIAL. 7♂♂, S Primorsky Krai, Ussuri Nature Reserve, 22.05.979, Artamonov (River Valley Komarovka, bank of the stream, moss) (ZIN).

DISTRIBUTION. Russia (S Primorsky Krai), Japan (Honshu, Hokkaido).

NOTES. New record for the Russian insect fauna.

Campiglossa Rondani, 1870

Campiglossa absinthii (Fabricius, 1805)

MATERIAL. 3♀♀, RUS, Primorsky Krai, Ussuri Nature Reserve, Peyshoa cordon, 145m, 43.381°N 132.331E, 6.VIII.2013, T.V.Galinskaya; 2♀♀, same locality, 9.VIII.2013 (ZMMU)

DISTRIBUTION. Russia (Chukotka Autonomous Okrug, Khabarovsk Krai, Amur Oblast, Primorsky Krai, Zabaykalsky Krai, Irkutsk Oblast, European Russia), Japan, China (Heilongjiang), Taiwan, Israel, Iran, India, Mongolia, Kazakhstan, Kyrgyzstan, Western and Central Europe.

Campiglossa aliniana (Hering, 1937)

MATERIAL. 1♀, Primorsky Krai, Kamenushka, 15.VII.1984, A.Shatalkin; 2♀♀, Ussuri, Olga distr, Steklianucha, 23.VI.1927, A.Zhelochovtsev (ZMMU). 1♂, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), SO Ussuriysk, Nartshuk 3.08.1963 (ZIN).

DISTRIBUTION. Russia (Khabarovsk Krai, Amur Oblast, Primorsky Krai, Zabaykalsky Krai), China (Heilongjiang, Inner Mongolia, Beijing, Shaanxi, Hubei), Kyrgyzstan, E Kazakhstan.

Campiglossa amurensis Hendel, 1927

MATERIAL. 1♂, RUS, Primorsky Krai, Ussuri Nature Reserve, Peyshoa cordon, 145m, 43.381°N 132.331E, 6–11.VIII.2013, I.Gomyranov; 2♀♀, same locality, 9.VIII.2013, T.V.Galinskaya; 2♀♀, 1♂, S Primorsky Krai, Kamenushka, 22.IX.1987, A.Shatalkin; 1♀, same label, 1.VIII.1983 (ZMMU).

DISTRIBUTION. Russia (Amur Oblast, Primorsky Krai, S Sakhalin, S Kuril Islands, S Yakutia, Zabaykalsky Krai, Irkutsk Oblast, W Siberia), Japan (Hokkaido), China (Heilongjiang, Inner Mongolia, Hebei), Mongolia, Kazakhstan.

Campiglossa defasciata (Hering, 1936)

MATERIAL. 1♂, RUS, Primorsky Krai, Ussuri Distr., Kamenushka, 89m, 43.371°N 132.135°E, 3–4.VIII.2013, I.Gomyranov (ZMMU).

DISTRIBUTION. Russia (Amur Oblast, Khabarovsk Krai, Primorsky Krai, Zabaykalsky Krai, SE European Russia), Korea, China (Heilongjiang, Inner Mongolia), Mongolia, Kazakhstan, Kyrgyzstan.

Campiglossa hirayamae (Matsumura, 1916)

MATERIAL. 1♀, 1♂, Primorsky Krai, Kamenushka, 30.VII.1984, A.Shatalkin; 4♀♀, 4♂♂, same label, 22.IX.1987; 1♀, same label, 21.IX.1987; 1♀, S Primorsky Krai, 40 km. SO Ussuriysk, A.Ozerov, 5.IX.1983; 2♀♀, A.Shatalkin, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), E Ussuriysk, 26.IX.1980 (ZMMU).

DISTRIBUTION. Russia (Amur Oblast, Primorsky Krai, S Kuril Islands, Yakutia), Japan (Honshu, Kyushu, Shikoku, Ryukyu), Korea, China (Heilongjiang, Jilin, Gansu, Hubei, Jiangsu, Tibet, Hunan, Sichuan, Fujian, Guangxi, Yunnan), Taiwan, Mongolia.

Campiglossa intermedia (Zia, 1937)

MATERIAL. 1♂, 1♀, S Primorsky Krai, Kamenushka, 11.VII.1984, A.Shatalkin (ZMMU).

DISTRIBUTION. Russia (Primorsky Krai), China (Hebei, Zhejiang, Jiangxi), Mongolia.

Campiglossa luxorientis (Hering, 1940)

MATERIAL. 8♀♀, 3♂♂, RUS, Primorsky Krai, Ussuri Nature Reserve, Peyshoa cordon, 145m, 43.381°N 132.331E, 6.VIII.2013, T.V.Galinskaya; 5♀♀, 2♂♂, same label, 9.VIII.2013; 1♀, 9♂♂, same locality, 6–11.VIII.2013, I.Gomyranov; 1♀, S Primorsky Krai, Kamenushka, 25.VII.1987, A.Shatalkin; 2♀♀, 2♂♂, same label, 27.VII.1983; 1♂, same label, 9.VII.1984; 1♂, same label, 11.VII.1984; 1♀, same label, 4.VIII.1987; 1♀, same label, 23.VIII.1987 (ZMMU). 8♀♀, 2♂♂, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), SO Ussuriysk, Nartshuk 2.08.1963 (ZIN).

DISTRIBUTION. Russia (S Khabarovsk Krai, Amur Oblast, Primorsky Krai, Irkutsk Oblast), China (Heilongjiang, Inner Mongolia, Hebei), Mongolia.

Campiglossa melaena (Hering, 1941)

MATERIAL. 1♂, Primorsky Krai, road to Anucheno, 35 km from Ussuriysk, Kandybina, 10.07.1969; 1♂, Suputinsky (now Ussuri) Nature Reserve, Primorsky Krai, neighborhood of Usad'ba, Gorodkov, 24.10.1968 (southern slope, coniferous-deciduous forest) (ZIN).

DISTRIBUTION. Russia (Primorsky Krai), China (Heilongjiang).

Campiglossa melanochroa (Hering, 1941)

MATERIAL. 1♀, RUS, Primorsky Krai, Ussuri Nature Reserve, Peyshoa cordon, 145m, 43.381°N 132.331°E, 9.VIII.2013 T.V.Galinskaya; 1♀, RUS, Primorsky Krai, Ussuri Distr., Kamenushka, 89m, 43.371°N 132.135°E, 2.VIII.2013 T.V.Galinskaya; 4♀, 3♂♂, same label, 4.VIII.2013 (ZMMU).

DISTRIBUTION. Russia (Amur Oblast, Primorsky Krai), China (Heilongjiang).

Campiglossa messalina (Hering, 1937)

MATERIAL. 1♀, RUS, Primorsky Krai, Ussuri Nature Reserve, Komsomolskaya polyana, 139m, 43.381°N 132.174°E, 05.VIII.2013, T.V.Galinskaya; 3♀♀, 1♂, RUS, Primorsky Krai, Ussuri Distr., Kamenushka, 89m, 43.371°N 132.135°E, 4.VIII.2013, T.V.Galinskaya; 1♀, RUS, Primorsky Krai, Ussuri Nature Reserve, Peyshoa cordon, 145m, 43.381°N, 132.331°E, 6.VIII.2013 T.V.Galinskaya; 2♀♀, same label, 7.VIII.2013; 1♂, 1♀, same label, 9.VIII.2013; 1♂, Primorsky Krai, Kamenushka, 30.VII.1984, A.Shatalkin; 1♂, same label, 14.VII.1983; 1♀, 1♂, same label, 26.VII.1983; 1♂, same label, 27.VII.1983; 1♂, same label, 28.VII.1983; 1♂, same label, 30.VII.1983; 1♂, same label, 24.VI.1984; 1♀, same label, 4.VI.1989; 1♀, S Primorsky Krai, 40 km. SO Ussuriysk, A.Antropov, 23.VIII.1984 (ZMMU). 1♂, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), SO Ussuriysk, Nartshuk 2.08.1963 (ZIN).

DISTRIBUTION. Russia (Khabarovsk Krai, Amur Oblast, Primorsky Krai, S Sakhalin, S Kuril Islands (Kunashir, Shikotan)), Japan, S Korea, China (Heilongjiang, Hebei, Sichuan).

Carpomya Costa 1854*Carpomya schineri* (Loew, 1856)

MATERIAL. 6♂♂, Primorsky Krai, neighborhood Ussuriysk, Kandybina, 26.08.1968 (larvae in fruits of *Rosa*); 2♂♂, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), rose 9.09.1958, hatching 27.04.1959 (ZIN)

DISTRIBUTION. Russia (Primorsky Krai, Buryatia, S European Russia), N, E and SE Kazakhstan, Kyrgyzstan, South Caucasus, Near East, Europe.

Chaetostomella Hendel, 1927*Chaetostomella stigmataspis* (Wiedemann, 1830)

MATERIAL. 1♂, S Primorsky Krai, Kamenushka, 14.VII.1984, A.Shatalkin; 1♂, same label, 11.VIII.1984; 1♀, S Primorsky Krai, 40 km. SO Ussuriysk, A.Ozerov, 12.VIII.1984; 2♂♂, RUS, Primorsky Krai, Ussuri Distr., Kaimanovka, 87m, 43.375°N 132.135°E, 2–6.VIII.2013 I.Gomyranov (ZMMU). 1♀, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), 20 km SE Ussuriysk, Kasparyan, 31.08, 1978 (ZIN)

DISTRIBUTION. Russia (Khabarovsk Krai, Amur Oblast, S Primorsky Krai), Japan (Honshu), Korea, China (Heilongjiang, Jilin, Hebei, Shaanxi).

Chaetostomella vibrissata (Coquillett, 1898)

MATERIAL. 1♂, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), S Primorsky Krai, Borisova, 9.VIII.1962 (ZMMU). 1♀, same locality, Nartshuk 2.08.1963 (ZIN).

DISTRIBUTION. Russia (Khabarovsk Krai, Amur Oblast, S Primorsky Krai), Japan (Honshu), N Korea, China (Heilongjiang, Shaanxi, Jiangxi).

Chetostoma Rondani 1856*Chetostoma continuans* Zia 1938

MATERIAL. 2♀♀, 1♂, Primorsky Krai, Suputinsky (now Ussuri) Nature Reserve, Kandybina, 10.09.1968 (larvae in fruits *Lonicera maakii* Maxim.) (ZIN).

DISTRIBUTION. Russia (S Khabarovsk Krai, Primorsky Krai), Korea, China (Shanxi).

Chetostoma dilutum (Zia, 1938)

MATERIAL. 1♂, S Primorsky Krai, Kamenushka, 13.VIII.1987, A.Shatalkin; 1♂, same label, 13.IX.1987 (ZMMU).

DISTRIBUTION. Russia (Primorsky Krai), China (Shanxi).

Chetostoma melliculum (Richter, 1965)

MATERIAL. 1♂, S Primorsky Krai, Kamenushka, 19.VIII.1984, A.Shatalkin; 1♀, same label, 4.IX.1987 (ZMMU). 1♀, Primorsky Krai, 30 km SE Ussuriysk, woodland glades, Ussuri Nature Reserve, 13–14.06, 1993, Belokobylskij (ZIN).

DISTRIBUTION. Russia (Primorsky Krai).

Dioxyna Frey, 1945*Dioxyna bidentis* (Robineau-Desvoidy, 1830)

MATERIAL. 1♂, S Primorsky Krai, Kamenushka, 13.VII.1983, A.Shatalkin; 1♀, same label, 22.IX.1987; 1♀, same label, 9.IX.1987 (ZMMU).

DISTRIBUTION. Russia (S Amur Oblast, S Primorsky Krai, European Russia), Japan (Honshu, Kyushu, Ryukyu), E China (from Heilongjiang and Inner Mongolia to Hunan), Mongolia, Kazakhstan, South Caucasus, Asia, Near East, Western and Central Europe, N Africa.

Ensina Robineau-Desvoidy, 1830*Ensina sonchi* (Linnaeus, 1767)

MATERIAL. 1♂, S Primorsky Krai, 32 km. SE Ussuriysk, A.Antropov, 18.IX.1987; 1♀, same label, 15.IX.1987 (ZMMU).

DISTRIBUTION. Russia (S Primorsky Krai, S Sakhalin, European Russia), Britain and Scandinavia, Japan (Hokkaido, Honshu, Kyushu, Ryukyu), China (Heilongjiang, Inner Mongolia, Xinjiang, Qinghai, Hebei, Zhejiang), Taiwan, Mongolia, Kazakhstan, Kyrgyzstan, Tajikistan, Afghanistan, Iran, South Caucasus, Israel, N Africa, Philippines, Hawaii.

Euleia Walker, 1835*Euleia scorpioides* (Richter et Kandybina, 1981)

MATERIAL. 1♀ (Holotype), Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), S Primorsky Krai, Nartshuk 1.08.1963 (forest swamp) (ZIN).

DISTRIBUTION. Russia (S Primorsky Krai).

Euphranta Loew, 1862*Euphranta flavorufa* Hering, 1936

MATERIAL. 1♀, S Primorsky Krai, Kamenushka, 11.VII.1984, A.Shatalkin (ZMMU).

DISTRIBUTION. Russia (S Khabarovsk Krai, S Primorsky Krai), Japan (Honshu), NE China (Heilongjiang, Jilin, Hebei).

Hemilea Loew, 1862*Hemilea infuscata* Hering, 1937

MATERIAL. 1♀, S Primorsky Krai, 40 km. SO Ussuriysk, A.Ozerov, 18.VIII.1984; 2♀♀, same label, 9.VIII.1984; 1♂, same label, 11.VIII.1984; 1♀, same label, 1.VIII.1983; 1♀, same label, 3.IX.1987; 1♀, same label, 9.IX.1987; 1♀, RUS, Primorsky Krai, Ussuri Distr., Kamenushka, 89m, 43.371°N 132.135°E, 4.VIII.2013, T.V.Galinskaya; 1♀, RUS, Primorsky Krai, Ussuri Nature Reserve,

Komsomolskaya polyana, 139m, 43.381°N 132.174°E, 05.VIII.2013, T.V.Galinskaya (ZMMU). 1♂, Gornotaezhnoe, Ussuri Distr., Primorsky Krai, 27.05.1982, Ovtshinnikova (ZIN).

DISTRIBUTION. Russia (Khabarovsk Krai, S Primorsky Krai), Japan (Hokkaido, Honshu, Shikoku, Kyushu), Korea, China (Heilongjiang, Shandong, Shanxi, Beijing, Zhejiang, Sichuan).

Hemileophila Hering, 1940

Hemileophila sibirica (Portschinsky, 1891)

MATERIAL. 1♂, Primorsky Krai, Bolshaya Ussurka River, Dersu [=Laolu], Makarkin, 14.06.1990; 1♂, Primorye, Ussurian Preserve, Sidorenko, 26.V.1990 (FEB RAS). 1♂, Kamenushka, Ussuri Distr., Primorsky Krai, Zlobin, 26.06.1980 (ZIN).

DISTRIBUTION. Russia (Primorsky Krai), Japan (Hokkaido, Honshu, Shikoku, Kyushu), China (Heilongjiang).

Hendrella Munro, 1938

Hendrella basalis (Hendel, 1927)

MATERIAL. 14♀♀, 8♂♂, S Primorsky Krai, Kamenushka, 4.VIII.1984, A.Shatalkin (ZMMU). 1♀, Primorsky Krai, Ussuri Distr., Gornotaezhnoe, 21–22.08.1999, Krivokhatsky, Ovtshinnikova (ZIN).

DISTRIBUTION. Russia (S Primorsky Krai, S Sakhalin (Moneron Island), Irkutsk Oblast), China (Jilin, Xinjiang, Ningxia, Hebei, Shanxi, Shaanxi, Hunan), Mongolia, E Kazakhstan, Kyrgyzstan.

Lenitovena Ito, 1894

Lenitovena pteropleuralis (Hendel, 1927)

MATERIAL. 1♀, S Primorsky Krai, Kamenushka, 2.VIII.1984, A.Shatalkin; 1♀, same label, 2.VIII.1984; 2♂♂, same label, 4.VIII.1984; 1♀, same label, 4.VIII.1984; 2♀♀, same label, 31.VII.1983; 1♂, same label, 15.VII.1984; 1♀, same label, 23.VII.1983; 1♀, same label, 25.VII.1983; 1♂, 1♀, same label, 11.VII.1984; 1♀, same label, 13.VIII.1987; 1♀, same label, 4.VIII.1987; 1♂, same label, 25.VIII.1987; 2♀♀, S Primorsky Krai, 32 km. SE Ussuriysk, A.Antropov, 18.VIII.1988; 1♀, same label, 20.VIII.1988; 1♂, same label, 21.VIII.1988; 1♀, same label, 25.VIII.1990; 2♀♀, same label, 30.VIII.1990; 1♂, same label, 1.IX.1990; 1♀, same label, 25.VIII.1984; 1♀, S Primorsky Krai, 40 km. SO Ussuriysk, A.Ozerov, 7.VIII.1983; 1♀, same label, 9.VIII.1983; 1♂, S Primorsky Krai, Gornotaezhnoe, SE Ussuriysk, A.Antropov, 16.IX.1987; S Primorsky Krai, Ussuri Nature Reserve, Kamenushka, A.Antropov, 19.VIII.1983 (ZMMU).

DISTRIBUTION. Russia: Khabarovsk Krai, S Primorsky Krai, Sakhalin, S Kuril Islands (Kunashir); Korea, Japan (Hokkaido, Honshu, Shikoku), China.

Lenitovena trigona (Matsumura, 1905)

MATERIAL. 1♂, S Primorsky Krai, Kamenushka, 23.VI.1984, A.Shatalkin; 1♂, same label, 12.VIII.1983; 1♂, same label, 4.IX.1987; 1♂, same label, 22.IX.1987; 1♂, same label, 22.V.1989; 1♂, same locality, S.Churkin, 23.8.1989; 4♂, Ussuri kra, Midstream of Tigrovaya River, 23.V.1936, K.Grunin; 1♀, Primorsky Krai, Ussuri Nature Reserve, N.Nikitsky, 21.VI.1979; 1♂, 1♀, S Primorsky Krai, 40 km. SO Ussuriysk, A.Ozerov, 7.VI.1985; 1♂, same label, 23.VI.1985 (ZMMU). 2♀♀, 1♂, Primorsky Krai, Ussuri Nature Reserve, 29.X.1985, A.S.Lelej; 1♀, 1♂, Primorsky Krai, Bolshaya Ussurka River, Dersu [=Laolu], Makarkin, 14.06.1990 (FEB RAS). 1♀, 1♂, Primorsky Krai, 30 km SE Ussuriysk, forest glades, Ussuri Nature Reserve, 13–14.06.1993. S.Belokobylskij; 4♂, 1♀, Russia, Primorsky Krai, 18 km SE Ussuriysk 43.66°N 132.25°E, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), 24.04.1999, (on birch sap) M.Michailovskaya (ZIN).

DISTRIBUTION. Russia (Khabarovsk Krai, Amur Oblast, Primorsky Krai, S Sakhalin, S Kuril Islands (Kunashir, Shikotan)), Korea, Japan (Hokkaido, Honshu, Kyushu), China.

Myoleja Rondani, 1856

Myoleja sinensis (Zia, 1937)

MATERIAL. 1♀, RUS, Primorsky Krai, Ussuri Nature Reserve, Komsomolskaya polyana, 139m, 43.381°N 132.174°E, 5.VIII.2013, I.Gomyranov; 1♀, RUS, Primorsky Krai, Ussuri Distr., Kamenushka, 89m, 43.371°N 132.135°E, 3–4.VIII.2013, I.Gomyranov; 1♀, S Primorsky Krai, Kamenushka, 3.VIII.1984, A.Shatalkin (ZMMU). 2♂♂, Primorsky Krai, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), Kandybina, 1.09.1968, (larvae in fruits of *Lonicera maakii* Maxim.) (ZIN).

DISTRIBUTION. Russia (S Khabarovsk Krai, Primorsky Krai, Sakhalin) Korea, China (Shanxi, Beijing).

Nemurinus Ito 1984

Nemurinus leucocelis Ito 1984

MATERIAL. 2♀♀, RUS, Primorsky Krai, Ussuri Nature Reserve, Peyshoa cordon, 145m, 43.381°N 132.331°E, 7.VIII.2013, T.V.Galinskaya (ZMMU).

DISTRIBUTION. Russia (Khabarovsk Krai, S Primorsky Krai, S Sakhalin, S Kuril Islands (Kunashir)), Japan (Hokkaido, Honshu, Kyushu), S Korea.

Oreurinus Ito, 1984

Oreurinus cuspidatus Ito, 1984

MATERIAL. 1♀, Primorsky Krai, 30 km SE Ussuriysk, woodland glades, Ussuri Nature Reserve, 13–14.06.1993, Belokobylskij (ZIN).

DISTRIBUTION. Russia (S Kuril Islands (Kunashir)), Japan (Hokkaido, Honshu), S Korea.

NOTES. New record for the Russian insect fauna.

Oxya Robineau-Desvoidy, 1830

Oxya albofasciata Chen, 1938

MATERIAL. 1♀, S Primorsky Krai, Kamenushka, 12.VII.1984, A.Shatalkin (ZMMU).

DISTRIBUTION. Russia (Primorsky Krai), China (Heilongjiang, Gansu).

Oxya amurensis Hendel 1927

MATERIAL. 1♀, S Primorsky Krai, Kamenushka, 23.VI.1984, A.Shatalkin (ZMMU). 1♀, Vinogradovka, Ussuriysk Prov., 10.06.929, Dyakonov Philip; 2♀♀, 2♂♂, Suputinsky (now Ussuri) Nature Reserve, Primorsky Krai, 27–30.03.1960 (from gall on Compositae); 1♂, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), 20 km SE Ussuriysk, Kasparyan, 31.08.1978 (ZIN)

DISTRIBUTION. Russia (Primorsky Krai, S Kuril Islands), China (Gansu), Korea, Japan.

Oxya stackelbergi Korneyev, 1990

MATERIAL. 1♂, S Primorsky Krai, Kamenushka, 23.VI.1984, A.Shatalkin, Paratypus *Oxya stackelbergi* Korneyev (ZMMU). Gornotaezhnoe, Ussuri Distr., Primorsky Krai, Ovtshinnikova, 5.06.1982, 1♂, 6.06.1982, 2♂♂ (ZIN)

DISTRIBUTION. Russia (Amur Oblast, Khabarovsk Krai, Primorsky Krai), China (Heilongjiang), S Korea, Japan (Hokkaido, Honshu)

Paratephritis Shiraki, 1933

Paratephritis takeuchii Ito, 1949

MATERIAL. 1♀, Suputinsky (now Ussuri) Nature Reserve., Primorsky Krai, 20.05.1960, O.Kovalev (ZIN).

DISTRIBUTION. Russia (S Primorsky Krai), Japan (Honshu, Kyushu).

NOTES. New record for the Russian insect fauna.

Paratephritis transitoria (Rohdendorf, 1934)

MATERIAL. 1♀, Suputinsky (now Ussuri) Nature Reserve, from galls on *Cacalia hastata*, O.Kovalev, 10.09.1960; 1♂, same label, 10.09.1960; 6♀♀, 1♂, same label, 10.09.1960, (from galls on *Cacalia hastata*); 2♀♀, 4♂♂, same label, 7.10.1960; 1♀, 1♂, same locality, A.Freidberg, 7.10.1960); 2♀♀, 3♂♂, same locality, neighborhood of Usad'ba, Gorodkov, 24.10.1968, (southern slope, coniferous-deciduous forest) (ZIN).

DISTRIBUTION. Russia (S Primorsky Krai), China (Gansu).

Philophylla Rondani 1870*Philophylla caesio* (Harris, 1780)

MATERIAL. 1♀, S Primorsky Krai, Kamenushka, 4.VII.1984, A.Shatalkin; 1♂, same label, 8.VIII.1984; 1♀, 1♂, same label, 30.VI.1984; 1♀, 2♂♂, same label, 5.VIII.1984; 1♂, same label, 3.VIII.1984; 1♂, S Primorsky Krai, 40 km. SO Ussuriysk, A.Antropov, 12.VIII.1984 (ZMMU).

DISTRIBUTION. Russia (S Khabarovsk Krai, Amur Oblast, Primorsky Krai, S Kuril Islands (Kunashir), European Russia), China (Xinjiang), Western and Central Europe.

Rhacochlaena Loew 1862*Rhacochlaena ortalidina* (Portschinsky, 1891)

MATERIAL. 1♂, Vinogradovka, Ussuriysk Prov., 14.05.1929, Dyakonov Philip (ZIN).

DISTRIBUTION. Russia (S Khabarovsk Krai, Primorsky Krai).

Rhagoletis Loew, 1862*Rhagoletis alternata* (Fallen, 1814)

MATERIAL. 1♀, River Lyanchihe, Ussuriysk Prov., Biostation, Falkovich, 26.08.1963 (ZIN).

DISTRIBUTION. Russia (Amur Oblast, Khabarovsk Krai, Primorsky Krai, Sakhalin, S Kuril Islands (Iturup, Kunashir), W Siberia, European Russia), Japan (Hokkaido), China (Gansu, Sichuan), N, E and SE Kazakhstan, Kyrgyzstan, Europe.

Rhagoletis reducta Hering, 1936

MATERIAL. 5♀♀, 2♂♂, Primorsky Krai, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), Kandybina, 12.08.1969 (larvae in fruits of *Lonicera* sp.) (ZIN).

DISTRIBUTION. Russia (Khabarovsk Krai, Primorsky Krai), Japan (Honshu), China (Heilongjiang, Jilin).

Sinacidia Chen, 1948*Sinacidia flexuosa* (Zia, 1938)

MATERIAL. 1♀, Primorsky Krai, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), Kandybina, 12.08.1969 (in place of bindweed) (ZIN).

DISTRIBUTION. Russia (Primorsky Krai), Japan (Hokkaido), China (Gansu).

NOTES. New record for the Russian insect fauna.

Tephritis Latreille, 1804*Tephritis cometa cingulata* Hering, 1936

MATERIAL. 2♀♀, 1♂, S Primorsky Krai, Kamenushka, 22.IX.1987, A.Shatalkin (ZMMU).

DISTRIBUTION. Russia (Primorsky Krai) Mongolia, NE China, Israel.

Tephritis majuscula Hering et Ito, 1953

MATERIAL. 2♀♀, 11♂♂, S Primorsky Krai, Kamenushka, 21.IX.1987, A.Shatalkin; 3♂♂, same label, 22.IX.1987; 1♀, same label, 30.VI.1984; 1♂, 3♀, RUS, Primorsky Krai, Ussuri Distr., Kamenushka, 89 m, 43.371°N 132.135°E, 4.VIII.2013, T.V.Ga-

linskaya; 2♀♀, 4♂♂, RUS, Primorsky Krai, Ussuri Nature Reserve, Peyshoa cordon, 145m, 43.381°N 132.331°E, 6.VIII.2013, T.Galinskaya; 4♀♀, 1♂, same label, 7.VIII.2013; 5♀♀, 2♂♂, same label, 9.VIII.2013; 1♀, same locality, 6–11.VIII.2013, I.Gomyranov (ZMMU).

DISTRIBUTION. Russia (Primorsky Krai, Sakhalin, S Kuril Islands), Japan (Hokkaido, Honshu, Kyushu).

Terellia Robineau-Desvoidy, 1830*Terellia ruficauda* (Fabricius, 1794)

MATERIAL. 2♀♀, S Primorsky Krai, Kamenushka, 11.VIII.1984, A.Shatalkin; 2♂♂, same label, 8.VIII.1984; 1♂, same label, 9.VIII.1984; 1♂, 1♀, same label, 4.VIII.1984; 1♂, same label, 14.VIII.1984; 5♂♂, same label, 30.VII.1983 (ZMMU); 4♀♀, 4♂♂, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), SO Ussuriysk, Nartshuk 3.08.1963 (ZIN).

DISTRIBUTION. Russia (S Primorsky Krai, W Siberia, European Russia), China (Heilongjiang, Inner Mongolia, Xinjiang), Mongolia, Kazakhstan, Kyrgyzstan, Caucasus, Europe, N America.

Terellia tussilaginis (Fabricius, 1775)

MATERIAL. RUS, Primorsky Krai, Ussuri Distr., Kaimanovka, 87m, 43.375°N 132.135°E, 2–6.VIII.2013, I.Gomyranov; 1♂, 1♀, RUS, Primorsky Krai, Ussuri Distr., Kamenushka, 89m, 43.371°N 132.135°E, 3–4.VIII.2013, I.Gomyranov; 10♀♀, 30♂♂, 20♀♀, 51♂♂, same locality, 2.VIII.2013, T.V.Galinskaya; 2♂♂, same label, 2.VIII.2013; 1♀, 1♂, RUS, Primorsky Krai, Ussuri Nature Reserve, Peyshoa cordon, 145m, 43.381°N 132.331°E, 6.VIII.2013, T.V.Galinskaya; 1♀, same label, 6.VIII.2013 (ZMMU).

DISTRIBUTION. Russia (S Khabarovsk Krai, Primorsky Krai, Sakhalin, Chita Oblast, W Siberia, N and W European Russia), W China (Xinjiang), Western and Central Europe.

Trupanea Schrank, 1795*Trupanea amoena* (Frauenfeld, 1857)

MATERIAL. 1♀, S Primorsky Krai, Kamenushka, 14.IX.1987, A.Shatalkin; 1♀, same label, 12.IX.1987; 1♀, same label, 15.IX.1987; 1♀, same label, 19.IX.1987; 1♂, 1♀, same label, 21.IX.1987; 1♂, A.Shatalkin, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe) E Ussuriysk, 25.IX.1980; 1♀, same label, 26.IX.1980; 1♂, same label, 27.IX.1980 (ZMMU).

DISTRIBUTION. Russia (S Amur Oblast, S Primorsky Krai, European Russia), Japan (Honshu), Korea, China (Gansu, Hebei, Inner Mongolia, Xinjiang, Jiangsu, Sichuan, Yunnan, Taiwan), Mongolia, widesp. s. Palearctic Region, Ethiopia, India, Sri Lanka, Australia.

Trypeta Meigen, 1803*Trypeta binotata* Zia, 1938

MATERIAL. 1♀, S Primorsky Krai, Kamenushka, 18.VIII.1987, A.Shatalkin; 1♀, same label, 19.VIII.1984; 1♂, same label, 5.VIII.1984; 1♀, S Primorsky Krai, 32 km. SE Ussuriysk, A.Antropov, 3.IX.1988 (ZMMU).

DISTRIBUTION. Russia (Kamchatka, Primorsky Krai, Sakhalin, S Kuril Islands, Chita Oblast), Japan, NE China, Mongolia.

Trypeta zoe Meigen, 1826

MATERIAL. 1♂, S Primorsky Krai, Kamenushka, 14.VI.1984, A.Shatalkin; 1♀, same label, 13.VI.1984; 1♂, same label, 15.VIII.1987 (ZMMU). 1♀, Primorsky Krai, Bolshaya Ussurka River, Dersu [=Laolu], Makarkin, 14.06.1990 (FEB RAS).

DISTRIBUTION. Russia (Amur Oblast, Sakhalin, S Kuril Islands (Ekarma, Matua, Kunashir)), European Russia, W Europe, Korea, Japan.

Urophora Robineau-Desvoidy, 1830*Urophora tsoii* Korneyev et White, 1993

MATERIAL. 1♂, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), SO Ussuriysk, Nartshuk 2.VIII.1963 (ZIN).

DISTRIBUTION. Russia (Khabarovsk Krai, S Primorsky Krai, Krasnoyarsk Krai), China (Jilin).

Vidalia Robineau-Desvoidy, 1830*Vidalia rohdendorfi* Richter, 1963

MATERIAL. 3♂♂, 1♀, S Primorsky Krai, Kamenushka, 12.VIII.1987, A.Shatalkin; 1♂, 1♀, same label, 25.VIII.1987; 1♂, same label, 29.VIII.1987; 1♀, same label, 1.IX.1987; 5♀♀, 2♂♂, S Primorsky Krai, 32 km. SE Ussuriysk, A.Antropov, 27.VIII.1987; 5♀♀, same label, 28.VIII.1987; 1♂, same label, 23.VIII.1987; 3♀, 1♂, same label, 1.IX.1987; 5♂♂, 5♀♀, same label, 31.VIII.1990 (ZMMU).

DISTRIBUTION. Russia (Primorsky Krai), Japan (Honshu).

Vidalia armifrons (Portschinsky, 1891)

MATERIAL. 1♂, Neighborhood of Ussuriysk, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), S Primorsky Krai, V.Kuznetsov, 4.05.1966, (ZIN)

DISTRIBUTION. Russia (S Khabarovsk Krai, Primorsky Krai), Japan, China (Heilongjiang, Liaoning, Sichuan, Fujian).

Xyphosia Robineau-Desvoidy, 1830*Xyphosia miliaria* (Schränk 1781)

MATERIAL. 2♀♀, 1♂, RUS, Primorsky Krai, Ussuri Nature Reserve, Komsomolskaya polyana, 139m, 43.381°N 132.174°E, 05.VIII.2013, T.V.Galinskaya; 1♂, S Primorsky Krai, Kamenushka, 13.VIII.1984, A.Shatalkin; 1♂, same label, 20.VIII.1987; 1♀, S Primorsky Krai, 40 km. SO Ussuriysk, A.Antropov, 11.VIII.1984 (ZMMU). 1♂, Primorsky Krai, Suputinsky (now Ussuri) Nature Reserve, Kandybina, 12.09.1968; 1♂, Gornotaezhnoe, Ussuri Distr., Primorsky Krai, 16.06.1981, Ovtshinnikova; 1♀, Kaimanovka, S Primorsky Krai, 31.05.1989, S. and N. Kuznetsov (ZIN).

DISTRIBUTION. Russia (S Khabarovsk Krai, Amur Oblast, Primorsky Krai, Sakhalin, W Siberia, European Russia), China (Liaoning, Jilin, Xinjiang), Mongolia, Kyrgyzstan, Kazakhstan, Europe (except Spain).

Platystomatidae Schiner, 1862*Euprosopia* Macquart, 1847*Euprosopia omei* Malloch, 1931

MATERIAL. 1♀, Primorsky Krai, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), Suputinka, 7.VIII.1948, Gussakovskiyi (ZMMU)

DISTRIBUTION. Russia (S Primorsky Krai), China (Sichuan).

Platystoma Meigen, 1803*Platystoma mandschurica* Enderlein, 1937

MATERIAL. 2♂♂, RUS, Primorsky Krai, Ussuri Distr., Kaimanovka, 87m, 43.375N 132.135°E, 2–6.VIII.2013 I.Gomyranov (ZMMU).

DISTRIBUTION. Russia (S Primorsky Krai), NE China.

Pterogenia Bigot, 1859*Pterogenia hologaster* Hendel, 1914

MATERIAL. 1♀, Primorsky Krai, Ussuri Distr., Kamenushka, river Vollha, 7.VII.1979, Krivolutskaya (FEB RAS).

DISTRIBUTION. Russia (S Primorsky Krai), Taiwan

NOTES. New record for the Russian insect fauna.

Rivellia Robineau-Desvoidy, 1830*Rivellia alini* Enderlein, 1937

MATERIAL. 1♀, S Primorsky Krai, 40 km. SO Ussuriysk, A.Antropov, 28.VII.1983; 1♂, 50 km N Ussuriysk, Shutova, 9.VIII.1934; 1♀, Ussuri, Olga distr, Steklianucha, 20.VI.1927, A.Zhelochovtsev; 5♀♀, 2♂♂, same label, 23.VI.1927; 4♀♀, 3♂♂, S Primorsky Krai, Kamenushka, 14.VII.1983, A.Shatalkin; 2♀♀, same label, 14.VII.1983; 1♂, same label, 1.08.1983; 1♂, Primorsky Krai, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), Suputinka, 25.VII.1948, Gussakovskiyi; 1♀, RUS, Primorsky Krai, Ussuri Distr., Kaimanovka, 87m, 43.375N 132.135°E, 2–6.VIII.2013 I.Gomyranov; 1♂, 1♀, RUS, Primorsky Krai, Ussuri Distr., Kamenushka, 89m, 43.371°N 132.135°E, 4.VIII.2013 T.V.Galinskaya; 1♂, 4♀♀, RUS, Primorsky Krai, Ussuri Nature Reserve, Peyshoa cordon, 145m, 43.381°N 132.331°E, 6.VIII.2013 T.V.Galinskaya; 1♂, same label, 7.VIII.2013; 1♂, same label, 9.VIII.2013 (ZMMU); 6♂♂, 5♀♀, Primorsky Krai, Ussuri Distr., Gornotaezhnoe, 13–16.07.1999, Krivokhatsky, Ovtshinnikova; 2♀♀, same label, 26.07.1999; 1♀, same locality, 10.07.1980, O.G. Ovtshinnikova; 1♀, same label, 11.07.1980; 2♂♂, same label, 2.07.1980; 1♀, same label, 7.07.1980; 1♀, Gornotaezhnoe, Ussuri Distr., Primorsky Krai, 8.07.1980, Ovtshinnikova; 1♂, Kamenushka, Ussuri Distr., Primorsky Krai, 20.06.1980, Zlobin; 1 specimen without abdomen, Primorsky Krai, 30 km SE Ussuriysk, woodland glades, Ussuri Nature Reserve, 13–14.06.1993, Belokobylskij; 1♀, S Primorsky Krai, Ussuri Nature Reserve, 11.07.1979, Artamonov (forest cordon, meadow beside the road) (ZIN).

DISTRIBUTION. Russia (Amur Oblast, S Primorsky Krai), NE China.

Rivellia asiatica Hennig, 1945

MATERIAL. 1♀, Primorsky Krai, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), Suputinka, 25.VII.1948, Gussakovskiyi (ZMMU). 5♀♀, Primorsky Krai, Ussuri Distr., Gornotaezhnoe, 13–16.07.1999, Krivokhatsky, Ovtshinnikova; 1♂, same label, 26.07.1999; 1♂, same label, 10.07.1980, Zlobin (ZIN).

DISTRIBUTION. Russia (S Primorsky Krai, Altai), N Korea, NE China.

Rivellia charbinensis Enderlein, 1937

MATERIAL. 1♂, S Primorsky Krai, 40 km. SO Ussuriysk, A. Antropov, 5.VIII.1983; 2♀♀, 1♂, S Primorsky Krai, Kamenushka, 29.VII.1984, A.Shatalkin; 1♀, same label, 17.VII.1983; 1♀, same label, 27.VII.1983 (ZMMU).

DISTRIBUTION. Russia (S Primorsky Krai, Chita Oblast), N and S Korea, NE China.

Rivellia mandschurica Hennig, 1945

MATERIAL. 1♀, S Primorsky Krai, 40 km. SO Ussuriysk, A.Ozerov, 12.VII.1987; 1♀, same label, 7.VII.1987; 1♂, same label, 14.VIII.1983; 1♂, same locality, A. Antropov, 4.VIII.1987; 1♀, same label, 11.VIII.1987; 1♀, S Primorsky Krai, Kamenushka, 31.VII.1983, A.Shatalkin; 2♀♀, same label, 9.VII.1984; 1♀, Primorsky Krai, Mountain-Taiga Station, Far Eastern Branch of Russian Academy of Sciences (Gornotaezhnoe), Suputinka, 27.VII.1948, Gussakovskiyi; 1♀, same label, 24.VII.1948; 2♀♀, RUS, Primorsky Krai, Ussuri Distr., Kamenushka, 89m, 43.371°N 132.135°E, 2.VIII.2013 T.V.Galinskaya (ZMMU). 2♀♀, Primorsky Krai, Ussuri Distr., Gornotaezhnoe, 20–30.06.2007, A.Ovtshinnikov; 1♀, S Primorsky Krai, Ussuri Nature Reserve, 24.08.979, Artamonov (Cedar-broadleaf forest, on cereals); 1♂, 1♀, Primorsky Krai, Ussuri Distr., Gornotaezhnoe, 10.07.1980, O.G. Ovtshinnikova; 1♀, same label, 11.07.1980; 1♂, 1♀, same locality, 6–8.08.1999, Krivokhatsky, Ovtshinnikova; 1♂, 2♀♀, same label, 13–16.07.1999; 1♂, same label, 26.07.1999; 2♀♀, same locality, 2.07.1980, Ovtshinnikova; 1♂, same label, 7.07.1980; 1♀, same label, 16.07.1980, Zlobin (ZIN).

DISTRIBUTION. Russia (Amur Oblast, S Primorsky Krai), Japan (Hokkaido, Honshu), N and S Korea, NE China.

Rivellia parilis Frey 1964 (?)

MATERIAL. 1♂, Primorsky Krai, Kamenushka, 25.VII.1984, A.Shatalkin; 1♂, same label, 9.VII.1984; 1♂, same label, 10.VII.1984; 1♂, same data, 12.VII.1984 (ZMMU).

DISTRIBUTION. Russia (Amur Oblast, S Primorsky Krai), N and S Korea.

Ulidiidae Macquart, 1835*Seioptera* Kirby, 1817*Seioptera vibrans* (Linnaeus, 1758)

MATERIAL. 1♀, Primorsky Krai, Kamenushka, 25.VII.1984, A.Shatalkin; 2♂♂, same label, 2.VIII.1984; 1♂, RUS, Primorsky Krai, Ussuri Distr., Kamenushka, 89m, 43.371°N 132.135°E, 4.VIII.2013 T.V.Galinskaya (ZMMU). 1♀, 4♂♂, S Primorsky Krai, p. Kaimanovka, on light, 8.VIII.1981, Belova; 1♀, Primorsky Krai, Ussuri Distr., Kamenushka, river Barsukovka, 3.VII.1979, R.Soboleva (FEB RAS). 1♀, Primorsky Krai, Ussuri Distr., Gornotaezhnoe, 26.07.1999, Krivokhatsky, Ovtshinnikova (ZIN)

DISTRIBUTION. Russia (Magadan Oblast, Khabarovsk Krai, Amur Oblast, Primorsky Krai, Sakhalin, Siberia, European part of Russia), China, Center and W Europe, N America. Sinanthrop.

Ceroxys Macquart, 1835*Ceroxys laticornis* (Loew, 1873)

MATERIAL. 1♂, Primorsky Krai, Ussuri Distr., Kamenushka, on light, 12.VII.1979, Krivolutskaya (FEB RAS).

DISTRIBUTION. Russia (S Khabarovsk Krai, Primorsky Krai, Irkutsk Oblast), NE China.

Ceroxys hortulana amurensis Hennig, 1939

MATERIAL. 1♂, Ussuri nature reserve, Komarovka river valley, 18.IV.1990, Sidorenko (FEB RAS).

DISTRIBUTION. Russia (S Khabarovsk Krai, Primorsky Krai), NE China. Sinanthrop.

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