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## NEW RECORDS OF THE CHALCID WASPS OF THE FAMILY PTEROMALIDAE (HYMENOPTERA: CHALCIDOIDEA) FROM THE RUSSIAN FAR EAST

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An annotated list of fifty two species in seven subfamilies of Pteromalidae is given. Twenty eight species are recorded for the first time for the fauna of Russia, and twenty species are new for the fauna of the Russian Far East. A new data on the distribution of four species (*Dipara belokobylskii*, *Diconocara petiolata*, *Golovissima emeljanovi*, *Paracarotomus cephalotes*) in the Russian Far East are given.

KEY WORDS: Pteromalidae, Hymenoptera, Chalcidoidea, first record, Russian Far East.

**Е. В. Целих. Новые находки хальцид семейства Pteromalidae (Hymenoptera: Chalcidoidea) на Дальнем Востоке России // Дальневосточный энтомолог. 2011. N 237. С. 1-12.**

Приведен аннотированный список 52 видов хальцид из семи подсемейств семейства Pteromalidae. Для фауны России впервые указываются 28 видов, для Дальнего Востока России – 20 видов. Для четырех видов (*Dipara belokobylskii*, *Diconocara petiolata*, *Golovissima emeljanovi*, *Paracarotomus cephalotes*) приводятся новые сведения об их распространении на Дальнем Востоке России.

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## INTRODUCTION

Parasitic wasps of the family Pteromalidae are one of the numerous and economically important groups of parasitoids, but our knowledge of this group in the fauna of the Russian Far East is reduced. Hitherto only 42 species of 29 genera belonging to eight subfamilies were recorded from this region (Swederus, 1795; Walker, 1874; Nikolskaya, 1952; Chumakova, 1956; Graham, 1969; Pilipyuk, 1971; Arefin, 1974; Herting, 1976; Kamijo, 1981a, 1981b, 1982a, 1982b, 1983; Dzhankmen, 1978, 1982, 1984, 1986, 1993; Gibson, Vikberg, 1998; Tselikh, 2010).

The present study is based on examination of the material from collections of the Zoological Institute RAS (St. Petersburg), Institute of Biology and Soil Science RAS (Vladivostok) and I.I. Schmalhausen Institute of Zoology NAS (Kiev). As a result, the faunistic list of Pteromalidae of the Russian Far East is increased on 48 species and contain now 90 species.

The next abbreviations are used for the collectors of material: SB – S.A. Belokobylskij; AL – A.S. Lelej; DK – D.R. Kasparyan. Species record for the first time for the fauna of Russia are marked by asterisk (\*), for the Russian Far East by double asterisks (\*\*).

## LIST OF THE SPECIES

### Subfamily Asaphinae

#### **\*\*1. *Asaphes suspensus* (Nees, 1834)**

MATERIAL EXAMINED. **Primorskii krai:** Vladivostok, 1935, 1 ♀ (Telenga); **Sakhalin:** Yuzhno-Sakhalinsk, 30.VI 1983, 1 ♀ (Kostyukov); Novoaleksandrovsk, 7-27.VIII 1986, 1 ♀ (Nesterov); **Kuril Islands:** Shikotan, Malokurilsk, 20.VIII 1973, 2 ♀ (DK).

DISTRIBUTION. Russia: Primorskii krai, Sakhalin, Kuril Islands (Shikotan); Siberia. – Japan (Hokkaido, Honshu, Kyushu), China (Heilongjiang, Jilin, Beijing, Guangdong, Shanxi, Henan, Hebei, Hunan, Shaanxi, Sichuan, Yunnan, Xinjiang Uygur, Xizang), Korea, Kazakhstan, Kyrgyzstan, Pakistan, Ukraine, Europe, Iran, Turkey, Israel, India, North America, South America.

### Subfamily Cleonyminae

#### **\*2. *Cleonymus longinervus* Kamijo, 1983**

MATERIAL EXAMINED. **Primorskii krai:** Novokachalinsk, Khanka Lake, 4-7.VIII 2006, 1 ♀ (SB).

DISTRIBUTION. Russia: Primorskii krai. – Japan (Hokkaido), China (Beijing), Korea.

### Subfamily Colotrechninae

#### **\*3. *Colotrechnus viridis* (Masi, 1921)**

MATERIAL EXAMINED. **Primorskii krai:** Vladivostok, 24.VIII 1988, 1 ♀ (SB).

DISTRIBUTION. Russia: Primorskii krai. – Kazakhstan, Uzbekistan, Turkmenistan, Azerbaijan, Turkey, Moldova, Europe, North Africa, Canary Islands.

**Subfamily Diparinae**

**4. *Dipara belokobylskii* Dzhanokmen, 1992**

MATERIAL EXAMINED. **Kuril Islands:** Kunashir, Sernovodsk, 27.VIII 1973, 1 ♀ (DK).

DISTRIBUTION. Khabarovskii krai, Primorskii krai, Sakhalin, Kuril Islands (Kunashir).

**Subfamily Eunotinae**

**\*5. *Eunotus parvulus* Masi, 1931**

MATERIAL EXAMINED. **Primorskii krai:** Usuriisky Natural Reserve, 21.VIII 1969, 1 ♀ (Danzig).

DISTRIBUTION. Russia: Primorskii krai. – China (Hebei), Europe, Canary Islands.

**Subfamily Miscogasterinae**

**\*\*6. *Halticoptera aenea* (Walker, 1833)**

MATERIAL EXAMINED. **Kuril Islands:** Shikotan, Bay Gorobets, 18.VIII 1998, 1 ♀, 2 ♂ (AL).

DISTRIBUTION. Russia: Kuril Islands (Shikotan). – Kazakhstan, Iran, Azerbaijan, Turkey, Ukraine, Moldova, Europe, North America, Canary Islands.

**\*7. *Halticoptera collaris* (Walker, 1836)**

MATERIAL EXAMINED. **Khabarovskii krai:** Khekhtsir 18 km, 8.VI 1983, 3 ♀ (DK); **Primorskii krai:** Barabash-Levada, 23.V. 1989, 1 ♀ (SB); Natural Reserve “Kedrovaya pad”, 29.V 1969, 1 ♀ (SB); 30 km E Spassk-Dalniy, 13.VI 1969, 2 ♀ (SB); **Sakhalin:** Yuzhno-Sakhalinsk, 30.VI 1983, 2 ♂ (Kostyukov); **Kuril Islands (Kunashir):** Volcano Golovnina, 11-13.VI 1973, 1 ♀ (Kerzhner); Lake Lagunnoe, 12.VII 1973, 3 ♀ (DK).

DISTRIBUTION. Russia: Khabarovskii krai, Primorskii krai, Sakhalin, Kuril Islands (Kunashir). – Europe.

**\*\*8. *Halticoptera crius* (Walker, 1839)**

MATERIAL EXAMINED. **Primorskii krai:** 30 km W Spassk-Dalniy, Khanka Lake, 12.VI 1989, 1 ♀ (SB).

DISTRIBUTION. Russia: Primorskii krai. – China (Nei Menggu, Ningxia, Hebei, Gansu, Yunnan, Xinjiang Uygu), Europe.

**\*\*9. *Halticoptera patellana* (Dalman, 1818)**

MATERIAL EXAMINED. **Primorskii krai:** Spassk-Dalniy, 5.VI 1989, 1 ♀ (SB); Natural Reserve “Kedrovaya pad”, 28.V 1989, 1 ♀ (SB).

DISTRIBUTION. Russia: Primorskii krai. – Japan, China (Nei Menggu, Xinjiang Uygu, Xizang, Taiwan), Turkey, Europe, North America, South America, Canary Islands.

**\*10. *Halticoptera violacea* Askew, 1972**

MATERIAL EXAMINED. **Primorskii krai:** Khasan, Golubiny utes, 27.VIII 1988, 1 ♀, 1 ♂ (SB); 15 km NW Artem, 6.IX 1988, 1 ♂ (SB); **Kuril Islands:** Yankicha, 5.VIII 1999, 1 ♂ (AL); Shikotan, Malokurilsk, 20.VIII 1973, 1 ♂ (DK).

DISTRIBUTION. Russia: Primorskii krai, Kuril Islands (Yankicha, Shikotan). – Europe.

**\*11. *Merismus megapterus* Walker, 1833**

MATERIAL EXAMINED. **Primorskii krai:** Spassk-Dalniy, 11.IX 1988, 1 ♀ (SB); Novokachalinsk, 4-7.VIII 2006, 1 ♀ (SB); Lazovsky Natural Reserve, 18 km SE Lazo, 24-29.VIII 2006, 1 ♀ (SB).

DISTRIBUTION. Russia: Primorskii krai. – China (Jilin, Beijing, Zhejiang, Fujian, Sichuan), Korea, Mongolia, Kazakhstan, Europe, North America.

**\*12. *Stictomischus nitentis* Delucchi, 1955**

MATERIAL EXAMINED. **Sakhalin:** Novoaleksandrovsk, 7-27.VIII 1986, 1 ♀, 2 ♂ (Nesterov).

DISTRIBUTION. Russia: Sakhalin. – Europe.

**\*13. *Stictomischus scaposus* Thomson, 1876**

MATERIAL EXAMINED. **Primorskii krai:** Spassk-Dalniy, 20.VII 2006, 1 ♀ (SB); Lazovsky Natural Reserve, 11-14.VII 2008, 4 ♀ (Khalaim).

DISTRIBUTION. Russia: Primorskii krai. – Europe.

**\*14. *Thektogaster chrysis* (Foerster, 1861)**

MATERIAL EXAMINED. **Kuril Islands:** Onkotan, 27.VII 2000, 1 ♀, 1 ♂ (AL); Simushir, 8.VIII 1999, 1 ♀ (AL).

DISTRIBUTION. Russia: Kuril Islands (Onkotan, Simushir). – Kazakhstan, Europe.

**Subfamily Pteromalinae**

**\*\*15. *Arthrolytus maculipennis* (Walker, 1835)**

MATERIAL EXAMINED. **Kuril Islands:** Kunashir, 10 km W Yuzno-Kurilsk, 11.VII 1973, 1 ♀ (DK).

DISTRIBUTION. Russia: Kuril Islands (Kunashir). – Moldova, Europe.

**\*\*16. *Catolaccus ater* (Ratzeburg, 1852)**

MATERIAL EXAMINED. **Primorskii krai:** Anisimovka, 2-4.IX 1988, 1 ♀, 1 ♂ (SB).

DISTRIBUTION. Russia: Primorskii krai; European part. – Kazakhstan, Kyrgyzstan, Turkmenistan, Armenia, Turkey, Ukraine, Moldova, Europe.

**\*17. *Chlorocyttus comatus* Xiao et Huang, 2000**

MATERIAL EXAMINED. **Kuril Islands:** Kunashir, Dubovoe, 24.VII 1973, 2 ♀ (DK); Alekhino, 29.VII 1973, 3 ♀ (DK).

DISTRIBUTION. Russia: Kuril Islands (Kunashir). – China (Sichuan).

**\*18. *Chlorocyttus planus* (Walker, 1834)**

MATERIAL EXAMINED. **Primorskii krai:** Usuriisky Natural Reserve, 6.VIII 1961, 1 ♀ (Trjapitzin).

DISTRIBUTION. Russia: Primorskii krai. – Europe.

**\*\*19. *Coelopisthia extenta* (Walker, 1835)**

MATERIAL EXAMINED. **Khabarovskii krai:** 15 km N Bikin, 1.VI 1983, 2 ♀ (DK); **Primorskii krai:** Vladivostok, 10-14.VII 1961, 18 ♀, 4 ♂ (Trjapitzin); Partizansk, 11-12.VII 1961, 1 ♀ (Shuvakhina); Vladivostok, Okeanskaya, 19.VII 1961, 7 ♀, 1 ♂ (Nikolskaya); Vladivostok, Sedanka, 8.VIII 1961, 1 ♀ (Nikolskaya); Usuriisky Natural Reserve, 8.VIII 1961, 1 ♀ (SB); Anisimovka, 3.VIII 1988, 1 ♀ (SB); Spassk-Dalniy, 11-21.IX 1988, 17 ♀, 30.VI 2006, 5 ♀ (SB); Natural Reserve “Kedrovaya pad”, 27.V 1989, 1 ♀ (SB).

DISTRIBUTION. Russia: Khabarovskii krai, Primorskii krai; European part. – Kazakhstan, Kyrgyzstan, Uzbekistan, Azerbaijan, Ukraine, Moldova, Europe, South America.

**\*\*20. *Conomorium patulum* (Walker, 1835)**

MATERIAL EXAMINED. **Primorskii krai:** Chernigovska District, Dmitrievka, 4.IX 1984, 3 ♀ (Arefin); Anisimovka, 3.VIII 1988, 1 ♀ (SB); 15 km E Spassk-Dalniy, 7-16.IX 1988, 4 ♀ (SB); **Kuril Islands:** Kunashir, Tretyakovo, 6.IX 1971, 1 ♀ (Narchuk); Alekhino, 13-14.V 1973, 1 ♀ (Kerzhner).

DISTRIBUTION. Russia: Primorskii krai, Kuril Islands (Kunashir); European part, North Caucasus. – Japan, Kazakhstan, Turkmenistan, Armenia, Turkey, Ukraine, Moldova, Europe, North Africa, Canary Islands.

**21. *Diconocara petiolata* Dzhanokmen, 1986**

MATERIAL EXAMINED. **Amurskaya oblast:** Khingan Natural Reserve, 17-20.VII 2003, 1 ♀ (SB); **Primorskii krai:** Lazovsky Natural Reserve, 18.VIII 1961, 1 ♀ (Kozlov); Natural Reserve “Kedrovaya pad”, 12.VIII 1976, 1 ♀ (Berezantsev); Lazovsky Natural Reserve, 18 km SE Lazo, 24-29.VIII 2006, 12 ♀ (SB).

DISTRIBUTION. Russia: Khabarovskii krai, Amurskaya oblast, Primorskii krai.

**\*\*22. *Diglochis sylvicola* (Walker, 1835)**

MATERIAL EXAMINED. **Primorskii krai:** Anisimovka, 5.IX 1988, 1 ♀ (SB); 10 km E Spassk-Dalnyi, 20.IX 1988, 1 ♀ (SB); Khasan, 28-30.VIII 1988, 8 ♀ (SB); 20 km E Ussurijsk, 21.V 1989 1 ♀ (SB).

DISTRIBUTION. Russia: Primorskii krai; Siberia, European part. – Kazakhstan, Ukraine, Europe.

**\*23. *Dinarmus acutus* (Thomson, 1878)**

MATERIAL EXAMINED. **Primorskii krai:** Anuchino, 17.IX 1986, 8 ♀ (Zerova).

DISTRIBUTION. Russia: Primorskii krai. – Kazakhstan, Turkey, Iraq, Moldova, Europe, North Africa, India, North America.

**\*\*24. *Dinotiscus colon* (Linnaeus, 1758)**

MATERIAL EXAMINED. **Primorskii krai:** Suvorovka River, from *Hylurgops* sp., 12-13.VII 1971, 10 ♂ (Arefin).

DISTRIBUTION. Russia: Primorskii krai; Siberia, European part, North Caucasus. – China (Heilongjiang), Turkmenistan, Ukraine, Europe, North Africa, North America, South America.

**\*\*25. *Erdoesina boarmiae* Bouček, 1967**

MATERIAL EXAMINED. **Primorskii krai:** 20 km SE Ussuriisk, 28.VIII 1978, 1 ♀ (DK); Spassk-Dalnyi, 14.IX 1988, 1 ♀ (SB); Nikolo-Lvovskoe, Kazachka River, 19-20.VIII 2003, 1 ♀ (SB).

DISTRIBUTION. Russia: Primorskii krai, Siberia.

**\*26. *Gastracanthus acutus* (Kamijo, 1960)**

MATERIAL EXAMINED. **Primorskii krai:** Lazovsky Natural Reserve, 18.VIII 1961, 1 ♀ (Kozlov); Khasan, 3.VIII 1978, 1 ♀ (DK); Vladivostok, 15.VII and 16.IX 1978, 3 ♀ (DK); Natural Reserve “Kedrovaya pad”, 2.IX 1981, 1 ♀ (SB); 15 NW Partizansk, 16.VIII 1985, 4 ♀ (Tobias); Anisimovka, 2.IX 1988, 2 ♀ (SB); 15 km NW Artem, 6.IX 1988, 2 ♀ (SB); 20 km SE Spassk-Dalnyi, 15.IX 1988, 2 ♀ (SB). **Kuril Islands:** Shikotan, Malokurilsk, 20.VIII 1973, 2 ♀ (DK).

DISTRIBUTION. Russia: Primorskii krai, Kuril Islands (Shikotan). – Japan (Hokkaido).

**27. *Golovissima emeljanovi* Dzhanokmen, 1982**

MATERIAL EXAMINED. **Amurskaya oblast:** Khingan Natural Reserve, 17-20.VII 2003, 1 ♀ (SB); **Primorskii krai:** 20 km W Spassk-Dalnyi, 16.VII 2006, 1 ♀ (SB); Kamenushka-Kajmanovka, 7.VIII 2008, 2 ♀ (Khalaim).

DISTRIBUTION. Russia: Amurskaya oblast, Primorskii krai.

**\*\*28. *Holcaeus stenogaster* (Walker, 1836)**

MATERIAL EXAMINED. **Primorskii krai:** Vladivostok, De Friz Peninsula, 4.IX 2003, 1 ♀ (SB).

DISTRIBUTION. Russia: Primorskii krai; European part. – Kazakhstan, Europe.

**\*29. *Holcaeus stylatus* Graham, 1969**

MATERIAL EXAMINED. **Primorskii krai:** Lazovsky Natural Reserve, 18 km SE Lazo, 24-29.VIII 2006, 2 ♀ (SB); Natural Reserve “Kedrovaya pad”, 23-28.VII 2008, 1 ♀ (Khalaim).

DISTRIBUTION. Russia: Primorskii krai. – Europe.

**\*30. *Homoporus apharetus* (Walker, 1839)**

MATERIAL EXAMINED. **Primorskii krai:** Natural Reserve “Kedrovaya pad”, 23-28.VII 2008, 2 ♀ (Khalaim).

DISTRIBUTION. Russia: Primorskii krai. – China (Beijing), Kazakhstan, Kyrgyzstan, Ukraine, Moldova, Europe.

**\*\*31. *Homoporus nypsius* (Walker, 1839)**

MATERIAL EXAMINED. **Primorskii krai:** Barabash-Levada, 24.IV 1983, 1 ♀ (Zerova).

DISTRIBUTION. Russia: Primorskii krai; European part. – Kazakhstan, Ukraine, Moldova, Europe, North Africa, North America, New Zealand.

**\*32. *Janssoniella caudata* Kerrich, 1957**

MATERIAL EXAMINED. **Primorskii krai:** Usuriisky Natural Reserve, 1.VIII 1961, 1 ♀ (Shuvakhina).

DISTRIBUTION. Russia: Primorskii krai. – Europe, North America.

**\*33. *Merisus flagellatus* Bouček, 1965**

MATERIAL EXAMINED. **Primorskii krai:** 20 km W Spassk-Dalnyi, 16.VII 2006, 2 ♀ (SB); Novokachalinsk, 4-7.VIII 2006, 2 ♀ (SB).

DISTRIBUTION. Russia: Primorskii krai. – Kazakhstan, Moldova, Europe.

**\*34. *Mesopolobus mediterraneus* (Mayr, 1903)**

MATERIAL EXAMINED. **Primorskii krai:** Roshchino, 16.VII 1967, 3 ♀ (Sinchilina).

DISTRIBUTION. Russia: Primorskii krai. – Turkey, Europe.

**\*\*35. *Mokrzeckia pini* (Hartig, 1838)**

MATERIAL EXAMINED. **Primorskii krai:** Anisimovka, 4.IX 1988, 2 ♀ (SB); 20 km W Spassk-Dalnyi, 15.IX 1988, 1 ♀ and 20.VII 2006, 2 ♀ (SB).

DISTRIBUTION. Russia: Primorskii krai; West Siberia. – Japan (Hokkaido), China (Jilin), Korea, Europe, North Africa.

**36. *Paracarotomus cephalotes* Ashmead, 1894**

MATERIAL EXAMINED. **Amurskaya oblast:** Khingan Natural Reserve, 17-20.VII 2003, 1 ♀ (SB); **Primorskii krai:** Anisimovka, 21.VI 1975, 1 ♀ (Berezantsev).

DISTRIBUTION. Russia: Amurskaya oblast, Primorskii krai, Sakhalin; Siberia. – Kazakhstan, Europe, India, North America, South Africa, Australia.

**\*37. *Plutothrix trifasciata* (Thomson, 1878)**

MATERIAL EXAMINED. **Primorskii krai:** Novokachalinsk, 4-7.VIII 2006, 1 ♀ (SB).

DISTRIBUTION. Russia: Primorskii krai. – Kazakhstan, Moldova, Europe.

**\*\*38. *Psilocera obscura* Walker, 1833**

MATERIAL EXAMINED. **Amurskaya oblast:** Volnoe, 30 km SW Arkhara, 21-23.VII 2003, 1 ♀ (SB); **Primorskii krai:** Gornotaezhnoe, 20 km SE Usuriisk, 28.VI 1981, 1 ♂ (DK); **Kuril Islands:** Kunashir Volcano Golovnina, 20-22.VII 1973, 1 ♀ (DK).

DISTRIBUTION. Russia: Amurskaya oblast, Primorskii krai, Kuril Islands (Kunashir); Siberia. – Kazakhstan, Turkey, Moldova, Europe.

**\*39. *Pteromalus cardui* (Erdős, 1953)**

MATERIAL EXAMINED. **Primorskii krai:** Lazovsky Natural Reserve, 18 km SE Lazo, 24-29.VIII 2006, 2 ♀ (SB); **Kuril Islands:** Ketoy, 6.VIII 1999, 1 ♀, 1 ♂ (AL); Simushir, 2.VII 2000, 1 ♀ (AL); Chirpoy, 9.VIII 1999, 12 ♀, 1 ♂ (AL); Kunashir, Dubovoe, 30.VII 1989, 1 ♀ (AL).

DISTRIBUTION. Russia: Primorskii krai, Kuril Islands (Ketoy, Simushir, Chirpoy, Kunashir). – Kazakhstan, Europe.

**\*\*40. *Pteromalus puparum* (Linnaeus, 1758)**

MATERIAL EXAMINED. **Amurskaya oblast:** Khingan Natural Reserve, 17-20.VII 2003, 1 ♀ (SB).

DISTRIBUTION. Russia: Amurskaya oblast; Adygea. – Cosmopolitan.

**\*\*41. *Rhopalicus tutela* (Walker, 1836)**

MATERIAL EXAMINED. **Primorskii krai:** Novokachalinsk, 4-7.VIII 2006, 1 ♀ (SB); Lazovsky Natural Reserve, 18 km SE Lazo, 24-29.VIII 2006, 1 ♀, 1 ♂ (SB).

DISTRIBUTION. Russia: Primorskii krai; Siberia, European part. – Japan (Hokkaido, Honshu, Shikoku, Kyushu), China (Heilongjiang, Shaanxi, Henan, Guizhou, Gansu, Sichuan, Yunnan), Kazakhstan, Kyrgyzstan, Turkey, Georgia, Armenia, Ukraine, Belarus', Europe, North America, New Zealand.

**\*\*42. *Roptrocerus mirus* (Walker, 1834)**

MATERIAL EXAMINED. **Primorskii krai:** Suvorovka River, from *Ips typographus* (L.), 12-31.VII 1971, 101 ♀, 37 ♂ (Arefin).

DISTRIBUTION. Russia: Primorskii krai; Siberia, European part. – Japan (Hokkaido), China (Heilongjiang, Shaanxi, Gansu), Belarus', Europe.

NOTES. This species was erroneously identified by Arefin (1974) as *Roptrocerus xylophagorum* (Ratzeburg, 1844).

**\*\*43. *Schizonotus sieboldi* (Ratzeburg, 1848)**

MATERIAL EXAMINED. **Primorskii krai:** Spassk-Dalniy, 10.VI 1989, 1 ♀ (SB).

DISTRIBUTION. Russia: Primorskii krai; Altaiskii krai, European part. – China (Jilin), Kazakhstan, Uzbekistan, Turkmenistan, Pakistan, Iran, Turkey, Europe, North America.

**\*44. *Sphegigaster nigricornis* (Nees, 1834)**

MATERIAL EXAMINED. **Kuril Islands:** Kunashir, 10 km E Yuzhno-Kurilsk, 11.VII 1973, 1 ♀ (DK).

DISTRIBUTION. Russia: Kuril Islands (Kunashir). – Kazakhstan, Europe, Canary Islands.

**\*45. *Sphegigaster truncata* Thomson, 1878**

MATERIAL EXAMINED. **Primorskii krai:** 25 km NE Mnogoudobnoe, 19.IX 1987, 1 ♀ (Kostukov); Anisimovka, 4-5.IX 1988, 2 ♀ (SB); Khasan, 30.VIII 1988, 1 ♂ (SB); Spassk-Dalniy, 7.VI 1989, 1 ♀ (SB); **Sakhalin:** Novoaleksandrovsk, 7-27.VIII 1986, 1 ♀ (Nesterov).

DISTRIBUTION. Russia: Primorskii krai, Sakhalin. – China (Liaoning, Ningxia, Yunnan), Kazakhstan, Moldova, Europe.

**\*\*46. *Stenomalina liparae* (Giraud, 1863)**

MATERIAL EXAMINED. **Kuril Islands:** Kunashir, Dubovoe, 22.VII 1973, 2 ♀ (DK); Stolbchaty Cape (44°1'28"N, 145°40'33"E), 31.VI 2011, 2 ♀ (Tselikh and Rachin).

DISTRIBUTION. Russia: Kuril Islands (Kunashir), European part. – China (Hebei, Xinjiang Uygu), Europe.

**\*47. *Syntomopus thoracicus* Walker, 1833**

MATERIAL EXAMINED. **Kuril Islands:** Simushir, 9.VIII 1999, 1 ♂ (AL); Kunashir, 7 km S Lagunnoe Lake, 15.VIII 1989, 1 ♀, 1 ♂ (AL).

DISTRIBUTION. Russia: Kuril Islands (Simushir, Kunashir). – China (Shandong, Jiangsu, Anhui, Fujian, Hebei, Sichuan, Yunnan, Xinjiang Uygur), Kazakhstan, Moldova, Europe.

**\*48. *Trichomalopsis apanteloctena* (Crawford, 1911)**

MATERIAL EXAMINED. **Primorskii krai:** Novoselskoe, 1983, 2 ♀, 1 ♂ (Buryj).

DISTRIBUTION. Russia: Primorskii krai. – Japan (Hokkaido, Honshu, Kyushu), China (Shandong, Zhejiang, Jiangsu, Guizhou, Taiwan), Korea, Philippines, Vietnam, India.

**\*49. *Trichomalopsis deplanata* Kamijo et Grissell, 1982**

MATERIAL EXAMINED. **Primorskii krai:** Novoselskoe, from *Oulema* sp., 2.VIII 1985, 66 ♀, 16 ♂ (Buryj).

DISTRIBUTION. Russia: Primorskii krai. – Japan (Hokkaido, Honshu, Kyushu), China, Korea, India.

**\*50. *Trichomalopsis oryzae* Kamijo et Grissell, 1982**

MATERIAL EXAMINED. **Primorskii krai:** Novoselskoe, from *Oulema oryzae* (Kuwayama), 12.VII 1984 13 ♀, 2 ♂ (Buryj); same locality, from *Hydrellia griseola* (Fallen), 23.V 1985, 4 ♀ (Storozheva).

DISTRIBUTION. Russia: Primorskii krai. – Japan (Hokkaido, Honshu, Kyushu), China (Jiangxi), Korea.

**\*51. *Trigonoderus pulcher* Walker, 1836**

MATERIAL EXAMINED. **Khabarovskii krai:** Khekhtsyur, Levaya River, 2.VII 1983, 1 ♀ (DK); **Primorskii krai:** Vladivostok, 15.VIII 1978, 2 ♀ (DK); 20 km E Ussuriisk, 19-21.V 1989, 2 ♀, 2 ♂ (SB); Natural Reserve “Kedrovaya pad”, 29-30.V 1989, 1 ♀, 11 ♂ (SB); **Sakhalin:** Novoaleksandrovsk, 13.VII 1981, 2 ♂ (SB); **Kuril Islands:** Kunashir, Sernovodsk, 21.VII 1981, 1 ♂ (SB); Volcano Golovnina, 27.VII 1981 1 ♂ (SB).

DISTRIBUTION. Russia: Khabarovskii krai, Primorskii krai, Sakhalin, Kuril Islands (Kunashir). – Japan, Europe.

**\*52. *Usubaia liparae* Kamijo, 1983**

MATERIAL EXAMINED. **Primorskii krai:** Spassk-Dalniy, 21.IX 1988, 1 ♀ (SB).

DISTRIBUTION. Russia: Primorskii krai. – Japan.

## DISCUSSION

As a result of the collection material study and summation of the literature data, the list of Pteromalidae wasps distributed in the Russian Far East includes 90 species from 56 genera and 10 subfamilies: Asaphinae (3 species), Cleonyminae (1 species), Colotrechninae (1 species), Diparinae (1 species), Elatoidinae (2 species), Eunotinae (2 species), Miscogasterinae (12 species), Ormocerinae (1 species), Pireninae (2 species), Pteromalinae (65 species).

Twenty eight species from five subfamilies are recorded for the first time for the fauna of Russia: *Cleonymus longinervus* (Cleonyminae), *Colotrechnus viridis* (Colotrechninae), *Eunotus parvulus* (Eunotinae), *Halticoptera collaris*, *H. violacea*, *Merismus megapterus*, *Stictomischus nitentis*, *S. scaposus*, *Thektogaster chrysis* (Miscogasterinae), *Chlorocytus comatus*, *C. planus*, *Dinarmus acutus*, *Gastracanthus acutus*, *Holcaeus stylatus*, *Homoporus apharetus*, *Janssoniella caudate*, *Merismus flagellatus*, *Mesopolobus mediterraneus*, *Plutothrix trifasciata*, *Pteromalus cardui*, *Sphegigaster nigricornis*, *S. truncata*, *Syntomopus thoracicus*, *Trichomalopsis apanteloctena*, *T. deplanata*, *T. oryzae*, *T. pulcher*, *Usubaia liparae* (Pteromalinae). Besides this, twenty species of pteromalids are recorded for the first time for the fauna of Russian Far East.

A new data on the distribution of four species in the Russian Far East are supplemented: *Dipara belokobylskii* – Kuril Islands (Kunashir), *Diconocara petiolata*, *Golovissima emeljanovi* and *Paracarotomus cephalotes* – Amurskaya oblast.

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