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NEW RECORDS OF EULOPHIDAE AND PTEROMALIDAE (HYMENOPTERA) FROM THE RUSSIAN FAR EAST

R. A. Burks

*Entomology Research Museum, Department of Entomology, University of
California, Riverside, California, 92521, USA. E-mail: burks.roger@gmail.com*

Five species of Eulophidae and ten species of Pteromalidae are newly recorded from the Russian Far East. Among them two species of Eulophidae and eight species of Pteromalidae are new records for Russia. Genera *Chaenotetrastichus* Graham, 1987 and *Panstenon* Walker, 1846 with undescribed species are newly recorded from Russia.

KEY WORDS: chalcid wasps, Eulophidae, Pteromalidae, Russian Far East.

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Пять видов Eulophidae и 10 видов Pteromalidae впервые указываются для Дальнего Востока России. Среди них два вида Eulophidae и девять видов Pteromalidae указываются впервые для фауны России. Роды *Chaenotetrastichus* Graham, 1987 и *Panstenon* Walker, 1846 с неописанными видами приводятся впервые для фауны России.

Энтомологический музей, Калифорнийский университет на Риверсайд, Калифорния, 92521, США.

INTRODUCTION

Eulophidae and Pteromalidae are families of chalcid wasps containing many economically important species and a much larger number of poorly known species for which host information is usually unknown (Noyes, 2012). The family Eulophidae was recently examined and redefined to be believed monophyletic based on molecular and morphological data (Burks *et al.*, 2011; Munro *et al.*, 2011). Pteromalidae has been found to be polyphyletic based on molecular data (Munro *et al.*, 2011).

Gumovsky & Proshchalykin (2012) and Tselikh (2012) catalogued known species of Eulophidae and Pteromalidae from the Russian Far East, respectively. I found new records of genera and species of Eulophidae and Pteromalidae for the Russian Far East fauna while examining material collected in Primorskiy krai, Russia, by Marina V. Michailovskaya (currently in Sankt-Petersburg, Russia). All specimens examined belong to the Entomology Research Museum, University of California, Riverside, California, USA (UCRC). All reported taxa are newly recorded from the Russian Far East; asterisked (*) taxa are new records for Russia.

NEW RECORDS

Family Eulophidae Subfamily Entedoninae

1. *Achrysocharoides* Girault, 1913

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 15.VIII 2001, 1 ♀ (M. Michailovskaya).

NOTE. Specimen with broken antennae, which therefore could not be reliably identified to species.

2. *Asecodes* *erxias* (Walker, 1848)

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 15.VIII 2001, 2 ♀ (M. Michailovskaya).

*3. *Omphale* *isander* (Walker, 1839)

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 12-15.VIII 2002, 1 ♂ (M. Michailovskaya).

Subfamily Tetrastichinae

*4. *Chaenotetrastichus* Graham, 1987

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 15.VIII 2001, 1 ♀ (M. Michailovskaya).

NOTE. This specimen appears to belong to an undescribed species.

5. *Holcotetrastichus rhosaces* (Walker, 1839)

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 15.VIII 2001, 3 ♀ (M. Michailovskaya).

***6. *Tetrastichus legionarius* Giraud, 1863**

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 15.VIII 2001, 1 ♀ (M. Michailovskaya).

NOTE. In Kostjukov (1995) this keys to *Tetrastichus punctifrons* Kostjukov, 1995 but the antennal club is distinctly longer in that species.

**Family Pteromalidae
Subfamily Miscogastrinae**

***7. *Toxeuma acilius* (Walker, 1848)**

MATERIAL. **Russia:** Primorskiy krai, Terneyskiy rayon, Mel'nichnyi, 43°39'36" N 132°15'00" E, 26.VI 2001, 1 ♂ (M. Michailovskaya).

Subfamily Pteromalinae

***8. *Ablaxia temporalis* Graham, 1969**

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 5-6.VIII 2000, 1 ♀ (M. Michailovskaya).

***9. *Apsilocera verticillata* Bouček, 1956**

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 11-12.VI.1999, 1 ♀ (M. Michailovskaya).

***10. *Cyclogastrella simplex* (Walker, 1834)**

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 14.VII 1999, 1 ♀; 11-13.VI.2000, 1 ♀ (M. Michailovskaya).

***11. *Panstenon* Walker, 1846**

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 5-6.VIII 2000, 1 ♂; 17-23.VII 2003, 1 ♂ (M. Michailovskaya).

NOTE. These specimens belong to an undescribed species.

***12. *Peridesmia congrua* (Walker, 1835)**

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 2-4.V 2000, 1 ♀ (M. Michailovskaya).

***13. *Plutothrix trifasciata* (Thomson, 1878)**

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 5.IX 2003, 1 ♂ (M. Michailovskaya).

***14. *Psilonotus achaeus* Walker, 1848**

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 12-17.VIII 1999, 2 ♀, 1 ♂; 17.VIII 2001, 2 ♀ (M. Michailovskaya).

15. *Trichomalus posticus* (Walker, 1834)

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 17.VIII 2001, 1 ♀ (M. Michailovskaya).

***16. *Trichomalus repandus* (Walker, 1835)**

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 17.VIII 2001, 2 ♀ (M. Michailovskaya).

17. *Trigonoderus princeps* Westwood, 1832

MATERIAL. **Russia:** Primorskiy krai, Ussuriyskiy rayon, Gornotayozhnoye, 43°39'36" N 132°15'00" E, 17.VIII 2001, 1 ♀ (M. Michailovskaya).

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