



Far Eastern Entomologist

Дальневосточный энтомолог

Journal published by Far East Branch
of the Russian Entomological Society
and Laboratory of Entomology,
Institute of Biology and Soil Sciences,
Vladivostok

Number 55: 1-8

ISSN 1026-051X

April 1998

PHORID FLIES (DIPTERA, PHORIDAE) OF THE KURIL ISLANDS

M. V. Michailovskaya

*Mountain-Taiga Station, Far Eastern Branch, Russian Academy of Sciences,
Gornotayozhnoe, Primorskii krai, 692533, Russia*

The paper contains new records for 43 species in 11 genera of phorid flies from Kuril Islands. 19 species are recorded for the first time from Russia and 31 species from Far East.

KEY WORDS: Diptera, Phoridae, Far East, Kuril Islands.

М. В. Михайловская. Мухи-горбатки (Diptera, Phoridae) Курильских островов // Дальневосточный энтомолог. 1998. N 55. С. 1–8.

Для Курильских островов впервые указаны 43 вида мух-горбаток (Diptera, Phoridae), из них 19 видов впервые отмечены для территории России, а 31 вид – впервые для Дальнего Востока.

Горно-таежная станция, Дальневосточное отделение Российской Академии наук, Горнотаежное, Приморского края, 692533, Россия.

INTRODUCTION

Previously only four species: *Borophaga multisetalis* Colyer (Kunashir), *Plastophora pallidicornis* Colyer (Kunashir), *Megaselia tomitopsis* Naumov (Kunashir) and *Spiniphora leleji* Michailovskaya (Kharimkotan, Urup) were

reported from Kuril Islands (Colyer, 1966; Naumov, 1992; Michailovskaya, 1998). Six species of Phoridae are known from Kamchatka (Disney, 1991) and one species is known from Sakhalin (Michailovskaya, 1988).

During International Kuril Island Project in 1996 and 1997 (IKIP-96, IKIP-97) more than 1000 specimens of phorid flies have been collected by A.S. Lelej and S.Yu. Storozhenko mainly by sweeping and Malaise trap. More than 800 specimens are identified (see list below). Each locality is provided by field number incorporated in the data base of IKIP. Regretfully the females of *Megaselia* and the males of this genus belonging to groups VII and VIII (sensu Schmitz, 1938) are difficult for identification and they are not included in this paper. The new records are asterisked (*). Following abbreviations are used for the collectors: A.L. – A. Lelej, S.S. – S. Storozhenko.

LIST OF THE SPECIES

1. *Abaristophora sachalinensis* Michailovskaya, 1988

MATERIAL. Russia, Kuril Islands: IT-96-ASL-022, 1♂, Iturup, Dobroe Nachalo Bay, 22.VIII 1996 (A. L.); PA-97-ASL-021, 1♂, Paramushir, Vasil'ev Bay, 16.VIII 1997 (A.L., S.S.).

DISTRIBUTION. Russia: *Kuril Islands (Paramushir, Iturup), Sakhalin.

2. *Peromitra carinifrons* (Zetterstedt, 1848)

MATERIAL. Russia, Kuril Islands: IT-96-ASL-018, IT-96-ASL-019, 21♂, 1♀, Iturup, 5 km N Reydovo, 18, 19.VIII 1996 (A.L.).

DISTRIBUTION. Russia: *Kuril Islands (Iturup), European part. Mongolia, Western Europe.

3. *Borophaga femorata* (Meigen, 1830)

MATERIAL. Russia, Kuril Islands: IT-97-ASL-004, 1♂, Iturup, 5 km N Reydovo, 30.VII 1997 (A.L., S.S.).

DISTRIBUTION. Russia: *Kuril Islands (Iturup), European part. Western Europe, Algeria.

4. *Conicera dauci* (Meigen, 1830)

MATERIAL. Russia, Kuril Islands: IT-97-ASL-004, 2♂, Iturup, 5 km N Reydovo, 30.VII 1997 (A.L., S.S.).

DISTRIBUTION. Russia: *Kuril Islands (Iturup), Primorskii krai. Japan, Estonia, Lithuania, Azores, Madeira, Canary, North America.

5. *Diplonevra pachycera* (Schmitz, 1918)

MATERIAL. Russia, Kuril Islands: BC-97-ASL-024, 8♂, 1♀, Brat Chirpoev, 20.VIII 1997 (A.L., S.S.).

DISTRIBUTION. Russia: *Kuril Islands (Brat Chirpoev), Primorskii krai. Europe.

6. *Gymnophora fastigiorum* Schmitz, 1952

MATERIAL. Russia, Kuril Islands: US-97-ASL-006, 5♂, 3♀, Ushishir, Yankicha I., 1.VIII 1997 (A.L., S.S.); IT-96-ASL-019, 57♂, 3♀, Iturup, 5 km N Reydovo, 19.VIII 1996 (A.L.); IT-97-ASL-004, 83♂, 142♀, Iturup, 5 km N Reydovo, 30. VII 1997 (A.L., S.S.).

DISTRIBUTION. Russia: *Kuril Islands (Ushishir, Iturup), Primorskii krai. Japan, North America.

7. *Gymnophora verrucata* Schmitz, 1927

MATERIAL. Russia, Kuril Islands: IT-96-ASL-019, 3 ♀, Iturup, 5 km N Reydovo, 19.VIII 1996 (A.L.).

DISTRIBUTION. Russia: *Kuril Islands (Iturup), Primorskii krai.

8. *Hypocera mordellaria* (Fallen, 1823)

MATERIAL. Russia, Kuril Islands: IT-96-ASL-018, 1 ♂, Iturup, 5 km N Reydovo, 18.VIII 1996 (A.L.); IT-97-ASL-003, 1 ♀, Iturup, 7 km W Reydovo 29.VII 1997 (A.L., S.S.).

DISTRIBUTION. Russia: *Kuril Islands (Iturup), Primorskii krai, European part. Western Europe.

9. *Megaselia aequalis* (Wood, 1909)

MATERIAL. Russia, Kuril Islands: IT-96-ASL-019, 3 ♂, 1 ♀, Iturup, 5 km N Reydovo, 19.VIII 1996 (A.L.).

DISTRIBUTION. Russia: *Kuril Islands (Iturup), European part. Israel, North America.

10. *Megaselia angularis* (Schmitz, 1924)

MATERIAL. Russia, Kuril Islands: IT-97-ASL-004, 1 ♂, Iturup, 5 km N Reydovo, 30.VII 1997 (A.L., S.S.).

DISTRIBUTION. *Russia: Kuril Islands (Iturup). Western Europe.

11. *Megaselia beyeri* Schmitz, 1965

MATERIAL. Russia, Kuril Islands: PA-96-ASL-003, 3 ♂, Paramushir, Vasil'ev Bay, 3.VIII 1996 (A.L.).

DISTRIBUTION. Russia: *Kuril Islands (Paramushir), European part. Western Europe.

12. *Megaselia brevifemorata* Schmitz, 1926

MATERIAL. Russia, Kuril Islands: UR-96-ASL-020, 2 ♂, Urup, Ucromnaya Bay, 20.VIII 1996 (A.L.).

DISTRIBUTION. *Russia: Kuril Islands (Urup). Israel, Western Europe.

13. *Megaselia breviseta* (Wood, 1912)

MATERIAL. Russia, Kuril Islands: IT-96-ASL-019, 2 ♂, Iturup, 5 km N Reydovo, 19.VIII 1996 (A.L.).

DISTRIBUTION. *Russia: Kuril Islands (Iturup). Western Europe.

14. *Megaselia breviterga* (Lundbeck, 1920)

MATERIAL. Russia, Kuril Islands: MK-97-ASL-023, 1 ♂, Makanrushi, 18.VIII 1997 (A.L., S.S.).

DISTRIBUTION. *Russia: Kuril Islands (Makanrushi). Western Europe, North America.

15. *Megaselia densior* Schmitz, 1927

MATERIAL. Russia, Kuril Islands: UR-96-ASL-020, 1 ♂, Urup, Ucromnaya Bay, 20. VIII 1996 (A.L.).

DISTRIBUTION. *Russia: Kuril Islands (Urup). Western Europe.

16. *Megaselia diversa* (Wood, 1909)

MATERIAL. Russia, Kuril Islands: PA-96-ASL-001, 5 ♂, 2 ♀, Paramushir, Vasil'ev Peninsula, 1.VIII 1996 (A.L.); ON-96-ASL-010, 5 ♂, Onkotan,

9.VIII 1996 (A.L.); MA-96-ASL-016, 1♂, Matua, 14.VIII 1996 (A.L.); UR-96-ASL-020, 4♂, Urup, Ucromnaya Bay, 20.VIII 1996 (A.L.); IT-96-ASL-019, 1♂, Iturup, 5 km N Reydovo, 19.VIII 1996 (A.L.).

DISTRIBUTION. Russia: *Kuril Islands (Paramushir, Onekotan, Matua, Urup, Iturup), European part. Israel, Western Europe.

17. *Megaselia fusca* (Wood, 1909)

MATERIAL. Russia, Kuril Islands: PA-96-ASL-003, 2♂, 2♀, Paramushir, Vasil'ev Peninsula, 3.VIII 1996 (A.L.); MK-97-ASL-023, 2♂, Makanrushi, 18.VIII 1997 (A.L., S.S.).

DISTRIBUTION. *Russia: Kuril Islands (Paramushir, Makanrushi). Estonia, Western Europe.

18. *Megaselia giraudii* (Egger, 1862)

MATERIAL. Russia, Kuril Islands: IT-96-ASL-019, 3♂, Iturup, 5 km N Reydovo, 19.VIII 1996 (A.L.).

DISTRIBUTION. Russia: *Kuril Islands (Iturup), European part. Israel, Estonia, West Europe, Madeira, Canary, Oriental region, North America.

19. *Megaselia hirticrus* (Schmitz, 1918).

MATERIAL. Russia, Kuril Islands: IT-96-ASL-019, 1♂, Iturup, 5 km N Reydovo, 19.VIII 1996 (A.L.).

DISTRIBUTION. Russia: *Kuril Islands (Iturup), European part. West Europe, Canary.

20. *Megaselia hirtiventris* (Wood, 1909)

MATERIAL. Russia, Kuril Islands: IT-96-ASL-019, 1♂, Iturup, 5 km N Reydovo, 19.VIII 1996 (A.L.); IT-97-ASL-004, 1♂, Iturup, 5 km N Reydovo, 30.VII 1997 (A.L., S.S.).

DISTRIBUTION. *Russia; Kuril Islands (Iturup). Western Europe.

21. *Megaselia hyalipennis* (Wood, 1912)

MATERIAL. Russia, Kuril Islands: PA-96-ASL-004, 5♂, Paramushir, Vasil'ev Peninsula, 3.VIII 1996 (A.L.); PA-97-ASL-009, 2♂, Paramushir, 5 km N Severo-Kurilsk, 4.VIII 1997 (A.L., S.S.); PA-97-ASL-015, 1♂, Paramushir, 5 km S Severo-Kurilsk, 11.VIII 1997 (A.L., S.S.); PA-97-ASL-018, 15♂, Paramushir, Krashennikova Bay, 14.VIII 1997 (A.L., S.S.); PA-97-ASL-021, 57♂, 14♀, Paramushir, Vasil'ev Bay, 16.VIII 1997 (A.L., S.S.); AL-97-ASL-016, 3♂, Alaid (Atlasova), 12.VIII 1997 (A.L., S.S.); MK-97-ASL-023, 60♂, 3♀, Makanrushi, 18.VIII 1997 (A.L., S.S.).

DISTRIBUTION. Russia: Kamchatka, *Kuril Islands (Paramushir, Alaid, Makanrushi), European part. Estonia, Western Europe.

22. *Megaselia intonsa* Schmitz, 1948

MATERIAL. Russia, Kuril Islands: UR-96-ASL-020, 2♂, 2♀, Urup, Ucromnaya Bay, 20.VIII 1996 (A.L.).

DISTRIBUTION. *Russia: Kuril Islands (Urup). Western Europe.

23. *Megaselia longiseta* (Wood, 1909)

MATERIAL. Russia, Kuril Islands: IT-96-ASL-019, 4♂, Iturup, 5 km N Reydovo, 19.VIII 1996 (A.L.).

DISTRIBUTION. *Russia: Kuril Islands (Iturup). Lithuania, Western Europe.

24. *Megaselia manualis* (Schmitz, 1919)

MATERIAL. Russia, Kuril Islands: IT-96-ASL-019, 1♂, Iturup, 5 km N Reydovo, 19.VIII 1996 (A.L.).

DISTRIBUTION. *Russia: Kuril Islands (Iturup). Western Europe.

25. *Megaselia meconicera* (Speiser, 1925)

MATERIAL. Russia, Kuril Islands: IT-96-ASL-018, IT-96-ASL-019, 7♂, Iturup, 5 km N Reydovo, 18, 19.VIII 1996 (A.L.).

DISTRIBUTION. *Russia; Kuril Islands (Iturup). Japan, Israel, Azores, North America.

26. *Megaselia nigriceps* (Loew, 1866)

MATERIAL. Russia, Kuril Islands: PA-97-ASL-021, 1♂, Paramushir, Vasil'ev Bay, 16.VIII 1997 (A.L., S.S.); AL-97-ASL-016, 2♂, Alaid (Atlasova), 12. VIII 1997 (A.L., S.S.).

DISTRIBUTION. Russia: *Kuril Islands (Paramushir, Alaid), European part. Japan, Western Europe, North America

27. *Megaselia picta* (Lehmann, 1822)

MATERIAL. Russia, Kuril Islands: IT-96-ASL-019, 17♂, 15♀, Iturup, 5 km N Reydovo, 19. VIII 1996 (A.L.); IT-97-ASL-004, 2♂, 4♀, Iturup, 5 km N Reydovo, 30 VII 1997 (A.L., S.S.).

DISTRIBUTION. *Russia: Kuril Islands (Iturup). Japan, Estonia, Western Europe, North America, Oriental and Neotropical regions.

28. *Megaselia pleuralis* (Wood, 1909)

MATERIAL. Russia, Kuril Islands: PA-96-ASL-003, 2♂, Paramushir, Vasil'ev Peninsula, 3.VIII 1996 (A.L.); ON-96-ASL-010, 1♂, Onkotan, 9.VIII 1996 (A.L.); UR-96-ASL-020, 3♂, Urup, Ucromnaya Bay, 20. VIII 1996 (A.L.); IT-96-ASL-018, 4♂, Iturup, 5 km N Reydovo, 18.VIII 1996 (A.L.); IT-97-ASL-004, 3♂, Iturup, 5 km N Reydovo, 30.VII 1997 (A.L., S.S.).

DISTRIBUTION. Russia: *Kuril Islands (Paramushir, Onkotan, Urup, Iturup), European part. Japan, China, Israel, Estonia, Western Europe, Azores, Madeira, Canary, North America.

29. *Megaselia protarsalis* Schmitz, 1927

MATERIAL. Russia, Kuril Islands: PA-06-ASL-003, 1♂, Paramushir, Vasil'ev Peninsula, 3.VIII 1996 (A.L.); MA-96-ASL-016, MA-96-ASL-017, 13♂, Matua, 14, 15.VIII 1996 (A.L.); UR-96-ASL-020, 1♂, Urup, Ucromnaya Bay, 20.VIII 1996 (A.L.); IT-97-ASL-004, 1♂, Iturup, 5 km N Reydovo, 30.VII 1997 (A.L., S.S.).

DISTRIBUTION. *Russia: Kuril Islands (Paramushir, Matua, Urup, Iturup). Estonia, Western Europe.

30. *Megaselia pulicaria* (Fallen, 1823)

MATERIAL. Russia, Kuril Islands: PA-96-ASL-003, 3♂, Paramushir, Vasil'ev Peninsula, 3.VIII 1996 (A.L.); IT-96-ASL-019, 1♂, Iturup, 5 km N Reydovo, 19.VIII 1996 (A.L.).

DISTRIBUTION. Russia: *Kuril Islands (Paramushir, Iturup); European part. Israel, Estonia, Western Europe, Canary, Madeira, North America.

31. *Megaselia pumila* (Meigen, 1830)

MATERIAL. Russia, Kuril Islands: IT-96-ASL-019, 1 ♂, Iturup, 5 km N Reydovo, 19.VIII 1996 (A.L.); IT-97-ASL-004, 1 ♂, Iturup, 5 km N Reydovo, 30.VII 1997 (A.L., S.S.).

DISTRIBUTION. Russia: Kamchatka, *Kuril Islands (Iturup), European part. Israel, Tunisia, Estonia, Western Europe.

32. *Megaselia ruficornis* (Meigen, 1830)

MATERIAL. Russia, Kuril Islands: IT-96-ASL-019, 1 ♂, Iturup, 5 km N Reydovo, 19.VIII 1996 (A.L.).

DISTRIBUTION. *Russia: Kuril Islands (Iturup). Estonia, Western Europe, Madeira, Canary, North America.

33. *Megaselia sepulchralis* (Lundbeck, 1920)

MATERIAL. Russia, Kuril Islands: MK-97-ASL-023, 1 ♂, Makanrushi, 18.VIII 1997 (A.L., S.S.).

DISTRIBUTION. Russia: *Kuril Islands (Makanrushi), European part. Estonia, Western Europe.

34. *Megaselia sordida* (Zetterstedt, 1838)

MATERIAL. Russia, Kuril Islands: SU-97-ASL-011, 1 ♂, Shumshu, Pochtareva Cape, 7.VIII 1997 (A.L., S.S.); SU-97-ASL-012, 4 ♂, Shumshu, Yaugich Cape, 8. VIII 1997 (A.L., S.S.); PA-96-ASL-003, 1 ♂, Paramushir, Vasil'ev Peninsula, 3. VIII 1996 (A.L.); PA-97-ASL-009, 1 ♂, Paramushir, 5 km N Severo-Kurilsk, 4.VIII 1997 (A.L., S.S.); PA-97-ASL-018, 1 ♂, Paramushir, Krashennikova Bay, 14.VIII 1997 A.L., S.S.); PA-97-ASL-021, 6 ♂, Paramushir, Vasil'ev Bay, 16. VIII 1997 (A.L., S.S.); AL-97-ASL-016, 4 ♂, Alaid (Atlasova), 12. VIII 1997 (A.L., S.S.); MK-97-ASL-023, 26 ♂, Makanrushi, 18.VIII 1997 (A.L., S.S.); MA-96-ASL-016, 1 ♂, Matua, 14. VIII 1996 (A.L.); US-97-ASL-006, 1 ♂, Ushishir, Yankicha I., 1.VIII 1997 (A.L., S.S.).

DISTRIBUTION. Kamchatka, *Kuril Islands (Shumshu, Paramushir, Alaid, Makanrushi, Matua, Ushishir), West and East Siberia, European part. Estonia, Western Europe, North America.

35. *Megaselia tarsella* (Lundbeck, 1921)

MATERIAL. Russia, Kuril Islands: IT-96-ASL-019, 7 ♂, Iturup, 5 km N Reydovo, 19.VIII 1996 (A.L.).

DISTRIBUTION. *Russia: Kuril Islands (Iturup). Lithuania, Western Europe.

36. *Megaselia tarsicia* Schmitz, 1926

MATERIAL. Russia, Kuril Islands: US-97-ASL-006, 1 ♂, Ushishir, Yankicha I., 1.VIII 1997 (A.L., S.S.).

DISTRIBUTION. *Russia: Kuril Islands (Ushishir). Western Europe.

37. *Phora convergens* Schmitz, 1920

MATERIAL. Russia, Kuril Islands: IT-96-ASL-019, 1 ♂, Iturup, 5 km N Reydovo, 19. VIII 1996 (A.L.).

DISTRIBUTION. *Russia: Kuril Islands (Iturup). Japan (Hokkaido, Honshu), China (Sichuan), Estonia, Western Europe, North America.

38. *Phora holosericea* Schmitz, 1920

MATERIAL. Russia, Kuril Islands: ON-96-ASL-008, 1 ♂, Onekotan, Rezvyi stream, 7. VIII 1996 (A.L.); ON-96-ASL-010, 1 ♂, Onekotan, 9.VIII 1996 (A.L.); EK-96-ASL-012, 1 ♂, Ekarma, 10.VIII 1996 (A.L.).

DISTRIBUTION. Russia: *Kuril Islands (Onekotan, Ekarma), Primorskii krai. Japan (Hokkaido, Honshu, Kyushu), Korea, China (Heilongjiang, Shaanxi), Mongolia, Israel, Estonia, Latvia, Lithuania, Western Europe, U.S.A.

39. *Phora nipponica* Goto, 1986

MATERIAL. Russia, Kuril Islands: SU-97-ASL-013, 11 ♂, Shumshu, Bolshoe Lake, 9.VIII 1997 (A.L., S.S.); PA-97-ASL-021, 3 ♂, Paramushir, Vasil'ev Bay, 16.VIII 1997 (A.L., S.S.); MK-97-ASL-023, 1 ♂, Makanrushi, 18.VIII 1997 (A.L., S.S.); KH-96-ASL-009, 2 ♂, Kharimkotan, 8.VIII 1996 (A.L.); SA-96-ASL-013, SA-96-ASL-014, 21 ♂, Shiashkotan, 11, 12.VIII 1996 (A.L.);

DISTRIBUTION. *Russia: Kuril Islands (Shumshu, Paramushir, Makanrushi, Kharimkotan, Shiashkotan). Japan (Hokkaido, Honshu).

40. *Phora occidentata* Malloch, 1912

MATERIAL. Russia, Kuril Islands: SU-97-ASL-011, 1 ♂, 1 ♀, Shumshu, Pochtareva Cape, 7.VII 1997 (A.L., S.S.); PA-96-ASL-003, 1 ♂, Paramushir, Vasil'ev Peninsula, 3.VIII 1996 (A.L.); PA-97-ASL-018, 18 ♂, Paramushir, Krashennikova Bay, 14.VIII 1997 (A.L., S.S.); PA-97-ASL-021, 6 ♂, 1 ♀, Paramushir, Vasil'ev Bay, 16.VIII 1997 (A.L., S.S.); AN-97-ASL-019, 5 ♂, Antsyferova I., 15.VIII 1997 (A.L., S.S.); MK-97-ASL-023, 12 ♂, Makanrushi, 18.VIII 1997 (A.L., S.S.); KH-96-ASL-009, 20 ♂, Kharimkotan, 8.VIII 1996 (A.L.);

DISTRIBUTION. Russia: Kamchatka, *Kuril Islands (Shumshu, Paramushir, Antsyferova, Makanrushi, Kharimkotan). Japan (Honshu), North Europe (Finland, Sweden, Norway), U.S.A. (Alaska, Popoff Is.).

41. *Spiniphora leleji* Michailovskaya, 1998

MATERIAL. Russia, Kuril Islands: MK-97-ASL-023, 5 ♂, Makanrushi, 18.VIII 1997 (A.L., S.S.); KH-96-ASL-009, 2 ♂, Kharimkotan, 8.VIII 1996 (A.L.).

DISTRIBUTION. Russia: Kuril Islands (*Makanrushi, Kharimkotan, Urup).

42. *Triphleba crassinervis* (Strobl, 1910)

MATERIAL. Russia, Kuril Islands: IT-96-ASL-019, 1 ♂, Iturup, 5 km N Reydovo, 19. VIII 1996 (A.L.).

DISTRIBUTION. *Russia: Kuril Islands (Iturup). Western Europe.

43. *Triphleba renidens* Schmitz, 1927

MATERIAL. Russia, Kuril Islands: US-97-ASL006, 2 ♂, Ushishir, Yankicha I., 1.VIII 1997 (A.L., S.S.).

DISTRIBUTION. Russia: *Kuril Island (Ushishir), Primorskii krai, North of European part. Western Europe.

DISCUSSION

In spite of preliminary character of phorid fly list of Kuril Islands it is possible to make some notes about their distribution. The phorid flies are the most abundant in the South Kurils (Urup – 8 species, Iturup – 26, but Kunashir, Shikotan and Habomai not still investigated). In the largest North Kurils island Paramushir 11 species are recorded. The phorid fauna of Middle Kurils is the most poor and usually 1–4 species distributed on each island (except Makanrushi with 7 species).

ACKNOWLEDGMENTS

I am grateful to Drs. A. S. Lelej (member of IKIP-96 and IKIP-97) and S. Yu. Storozhenko (member of IKIP-97) who allow me to study the specimens collected by them from Kuril Islands and critical reading of this manuscript. This work was supported partly by the International Programs Division and Biological Sciences Directorate (Biotic Surveys and Inventories Program) of the U.S. National Science Foundation, grants No. DEB-9400821 and No. DEB-9505031, Theodore W. Pietsch, principal investigator; and by the Japan Society for the Promotion of Science, grant No. BSAR-401, Kunio Amaoka, principal investigator.

REFERENCES

- Colyer, C. N. 1966. Two new species of Phoridae (Diptera) from the Kuril Islands, Sakhalin District, USSR. – *Eesti NSV Teaduste Akadeemia Toimetised (Bioloogia)* 15: 72–76.
- Disney, R. H. L. 1978. A new species of afrotropical *Megaselia* (Diptera:Phoridae), with a re-evaluation of the genus *Plastophora*. – *Zeitschrift für Angewandte Zoologie* 65: 313–319.
- Disney, R. H. L. 1991. Family Phoridae. – *Catalogue of Palaearctic Diptera Dolichopodidae – Platypezidae*. Budapest 7: 143–204.
- Michailovskaya, M.V. 1988. [New species of the genus *Abaristophora* (Diptera, Phoridae) from Is. Sakhalin]. – *Zoologicheskyy Zhurnal* 67(3): 470–471. (In Russian).
- Michailovskaya, M.V. 1998. A review of the genus *Spiniphora* Malloch (Diptera, Phoridae) from the Russian Far East. – *Far Eastern entomologist* 52: 1–6.
- Naumov, A.N. 1992. [New species of the genus *Megaselia* (Diptera, Phoridae)]. – *Zoologicheskyy Zhurnal* 71(12): 144–147. (In Russian).

© **Far Eastern entomologist (Far East. entomol.)**

Editor-in-Chief: S.Yu. Storozhenko

Editorial Board: A.S. Lelej, Yu.A. Tshistjakov, N.V. Kurzenko

Address: Institute of Biology and Soil Sciences, Far East Branch of Russian Academy of Sciences, 690022, Vladivostok-22, Russia.

FAX: (4232) 310 193

E-mail: entomol@online.marine.su