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Results of 1st Mongolian-Czechoslovak entomological and botanical expedition to Mongolia

No. 17: Heteroptera (Berytidae, Pyrrhocoridae, Coreidae, Rhopalidae, Acanthosomatidae, Cydnidae, Scutelleridae and Pentatomidae)

By

LUDVÍK HOBERLANDT

(Department of Entomology, National Museum [Nat. Hist.], Praha)

In a series of similar papers I shall present results of the material of Heteroptera collected by Dr. J. Dlabola during the expedition to Mongolia (1965 and 1966).

Berytidae

Neides propinquus Horváth, 1901

1 ♂ — N. Mongolia: Bulgan, 16 km W. of the town, 5. VIII. 1965 (loc. no. 15—16).

Species recorded only from Siberia (type locality: Minusinsk).

Pyrrhocoridae

Pyrrhocoris tibialis Stål, 1874

2 ♂♂ and 1 ♀ — N. Mongolia: Lake Chubsugul (east shore), taiga N. W. of Chadchal, 18. VIII. 1965 (loc. no. 29).

Species recorded from East Siberia, North China, Korea and Japan.

Coreidae

Coriomeris scabricornis (Panzer, 1809)

1 ♂ and 1 ♀ — N. Mongolia: Uñt (Somon), 65 km N. W. of Bulgan, 1200—1600 m, 10. VIII. 1965 (loc. no. 21); 1 ♀: Lake Chubsugul (subalpine zone), 17. VIII. 1965 (loc. no. 28); 1 ♂ and 1 ♀: Lake Chubsugul (east shore), taiga N. W. of Chadchal, 18. VIII. 1965 (loc. no. 29); 1 ♀: Bajan-Agt, 21.—22. VIII. 1965 (loc. no. 32—33).

Species of Eurosiberian distribution, recorded from Tuva by Tscherepanov and Kiritschenko (1962).

Alydus calcaratus (Linnaeus, 1758)

1 nymph — N. Mongolia: Ulaanbaator (Tola), 21. VII. 1965 (loc. no. 1); 1 ♂ and 1 ♀ and 1 nymph: Ulaanbaator, in the vicinity of the town between bridge of Tola

and Baga-Tenger, 28. VII. 1965 (loc. no. 6); 1 ♂: Songino near Ulaanbaator (Tola bridge), 28.—29. VII. 1965 (loc. no. 8—9); 1 ♂ and 2 ♀♀: between Zaisan and Nucht near Ulaanbaator, 30.—31. VII. 1965 (loc. no. 10—11); 2 ♂♂: Bulgan, 16 km W. of the town, 15. VIII. 1965 (loc. no. 15—16); 2 ♂♂: Bajan-Agt (Somon), 110 km N. W. of Bulgan, 1200—1300 m, 10. VIII. 1965 (loc. no. 19); 1 ♂; Uñt (Somon), 65 km N. W. of Bulgan, 1200—1600 m, 10. VIII. 1965 (loc. no. 21); 1 nymph: Lake Chubsugul (alpine zone), 17. VIII. 1965 (loc. no. 28); 2 ♀♀ and 1 nymph: Bajan-Agt, 21.—22. VIII. 1965 (loc. no. 32—33); 1 nymph: near Bajan-Agt, 105 km W. of Bulgan (salt lake), 23. VIII. 1965 (loc. no. 34).

Species of Holarctic distribution, recorded from Tuva by Tsherepanov and Kiritshenko (1962). Horváth (1901) and Oshanin (1906 and 1912) record from Mongolia the form *hirsutus* Kolenati.

Megalotomus junceus (Scopoli, 1763)

1 ♀ — N. Mongolia, Uñt (Somon), 65 km N. W. of Bulgan, 1400—1700 m, 10. VIII. 1965 (loc. no. 21).

Species of Eurosiberian distribution. Not previously recorded from Mongolia.

Megalotomus ornaticeps (Stål, 1858)

1 ♀ — N. Mongolia: Ulaanbaator, Bogdo-ul Mountains, between Baga-Tenger and Zaisan, 22. VII. 1965 (loc. no. 2); 1 ♂: Ulaanbaator, in the vicinity of the town between bridge of Tola and Baga-Tenger, 28. VII. 1965 (loc. no. 6); 1 ♂ and 4 ♀♀: between Zaisan and Nucht near Ulaanbaator, 30.—31. VII. 1965 (loc. no. 10—11); 2 ♂♂: Bulgan, 16 km W. of the town, 15. VIII. 1965 (loc. no. 15—16); 4 ♂♂, 3 ♀♀ and 1 nymph: Uñt (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22).

Species recorded from Southern parts of USSR, Soviet Middle Asia and Siberia, recorded from Tuva by Tsherepanov and Kiritshenko (1962).

Rhopalidae

Rhopalus conspersus (Fieber, 1836)

2 ♂♂ — N. Mongolia: Uñt (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22); 1 ♀: Tarialan (Tarjalang), Somon, between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24).

Species of probably Eurosiberian distribution, however predominantly European with southern extension. Not previously recorded from Mongolia.

Rhopalus parumpunctatus (Schilling, 1817)

1 ♂ and 7 ♀♀ — N. Mongolia: Uñt (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22).

Species of Palearctic distribution, recorded from Tuva by Tsherepanov and Kiritshenko (1962).

Stictopleurus crassicornis (Linnaeus, 1758)

1 ♀ — N. Mongolia: between Zaisan and Nucht near Ulaanbaator, 30.—31. VII. 1965 (loc. no. 10—11); 2 ♂♂ and 1 ♀: Bulgan, 16 km of the town, 5. VIII. 1965 (loc. no. 15—16); 1 ♂ and 1 ♀: Lake Chubsugul, in the vicinity of Chadchal, N. of Somon,

1630—1700 m, 15. VIII. 1965 (loc. no. 27); 1 ♂: Lake Chubsugul (alpine zone), 17. VIII. 1965 (loc. no. 28); 1 ♀: Lake Chubsugul (east shore), taiga N. W. of Chadchal, 18. VIII. 1965 (loc. no. 29).

Species of Eurosiberian distribution, recorded from Tuva by Tsherepanov and Kiritshenko (1962).

***Stictopleurus nysioides* Reuter, 1891**

2 ♂♂ — N. Mongolia: Ulaanbaator (Tola), 21. VII. 1965 (loc. no. 1); 1 ♂: Ulaanbaator, in the vicinity of the town between bridge of Tola and Baga-Tenger, 28. VII. 1965 (loc. no. 6); 3 ♂♂ and 4 ♀♀: Songino near Ulaanbaator (Tola bridge), 28.—29. VII. 1965 (loc. no. 8—9); 1 ♂ and 1 ♀: between Zaisan and Nucht near Ulaanbaator, 30.—31. VII. 1965 (loc. no. 10—11).

Species of Siberian distribution (type locality: Vrhne Sujetuk), recorded from Tuva by Tsherepanov and Kiritshenko (1962).

***Stictopleurus punctatonervosus* (Goeze, 1778)**

1 ♀ — N. Mongolia: Bulgan, 16 km W. of the town, 5. VIII. 1965 (loc. no. 16).

Species of Eurosiberian distribution, recorded from Tuva by Tsherepanov and Kiritshenko (1962).

***Myrmus glabellus* Horváth, 1904**

2 ♀♀ — N. Mongolia: Songino near Ulaanbaator (Tola bridge), 28.—29. VII. 1965 (loc. no. 8—9).

Species recorded from Soviet Middle Asia, Siberia, China and Mongolia (Iche-Bogdo, Bishikte N. of Chalcha, river Chalchin-gol; Kerzhner 1966).

***Myrmus calcaratus* Reuter, 1891**

2 ♂♂ — N. Mongolia: Ulaanbaator, Bogdo-ul Mountains, between Baga-Tenger and Zaisan, 22. VII. 1965 (loc. no. 2); 1 ♀: Songino near Ulaanbaator, 29. VII. 1965 (loc. no. 8—9); 1 ♂: between Zaisan and Nucht near Ulaanbaator, 30.—31. VII. 1965 (loc. no. 10—11); 1 ♂ and 1 ♀: Uït (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22); 1 ♀: Lake Chubsugul (east shore), taiga N. W. of Chadchal, 18. VIII. 1965 (loc. no. 28); 5 ♂♂ and 5 ♀♀: Lake Chubsugul (east shore), taiga N. W. of Chadchal, 18. VIII. 1965 (loc. no. 29).

Species recorded from Southern parts of European USSR, from Soviet Middle Asia, from Siberia and China. From Tuva recorded by Tsherepanov and Kiritshenko (1962) and Kerzhner (1966). Not previously recorded from Mongolia.

***Myrmus miriformis miriformis* (Fallen, 1807)**

2 ♂♂ and 1 ♀ — N. Mongolia: Ulaanbaator, Bogdo-ul Mountains, between Baga-Tenger and Zaisan, 22. VII. 1965 (loc. no. 2); 1 ♂: Songino near Ulaanbaator, 29. VII. 1965 (loc. no. 8—9); 2 ♂♂ and 1 ♀: between Zaisan and Nucht near Ulaanbaator, 30.—31. VII. 1965 (loc. no. 10—11); 8 ♂♂ and 8 ♀♀: Bulgan, 16 km W. of the town, 5. VIII. 1965 (loc. no. 15—16); 1 ♀: Uït (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22); 1 ♀: Bulgan, 1200—1600 m, 6. VIII. 1965 (loc. no. 17); 4 ♂♂ and 1 ♀: Bulgan, 7. VIII. 1965 (loc. no. 18); 3 ♂♂ and 2 ♀♀: Tarialan (Tarjalang), Somon, between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24); 1 ♂: Lake

Chubsugul, in the vicinity of Chadchal (Somon), 15. VIII. 1965 (loc. no. 26); 9 ♂♂ and 4 ♀♀: Lake Chubsugul, in the vicinity Chadchal, N. of Somon, 1630—1700 m, 15. VIII. 1965 (loc. no. 27); 3 ♂♂ and 1 ♀: Lake Chadchal (east shore), taiga N. W. of Chadchal, 18. VIII. 1965 (loc. no. 28).

Species of Eurosiberian distribution, in Mongolia recorded from Northern part Southwards as far as Dzhavchlant (Uljasuntaj) and the river Kerulen (Kerzhner 1966).

Chorosoma schillingi (Schilling, 1817)

1 ♀ — N. Mongolia: Ulaanbaator (Tola), 1300 m, 21. VII. 1965 (loc. no. 1); 1 ♂: Ulaanbaator, Bogdo-ul Mountains, between Baga-Tenger and Zaisan, 22. VIII. 1965 (loc. no. 2); 5 ♂♂ and 3 ♀♀: Ulaanbaator, in the vicinity of the town, between bridge of Tola and Baga-Tenger, 28. VII. 1965 (loc. no. 6); 3 ♂♂ and 5 ♀♀: Songino near Ulaanbaator (Tola bridge), 28.—29. VII. 1965 (loc. no. 8—9); 2 ♂♂: Bulgan, 16 km W. of the town, 5. VIII. 1965 (loc. no. 15—16); 1 ♂ and 1 ♀: between Zaisan and Nucht near Ulaanbaator, 30.—31. VII. 1965 (loc. no. 10—11); 1 ♀: 80 km S. E. of Bulgan (Tola), 800—1000 m, 4. VIII. 1965 (loc. no. 14); 1 ♀: Bulgan, 7. VIII. 1965 (loc. no. 18); 12 ♂♂ and 17 ♀♀: Bajan-Agt (Somon), 110 km N. W. of Bulgan, 1400—1700 m, 8. VIII. 1965 (loc. no. 19); 1 ♂ and 4 ♀♀: Uñt (Somon), 65 km N. W. of Bulgan, 1200—1600 m, 10. VIII. 1965 (loc. no. 21); 18 ♂♂ and 12 ♀♀: Uñt (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22); 4 ♂♂ and 6 ♀♀: Lake Chubsugul (east shore), taiga N. W. of Chadchal, 18. VIII. 1965 (loc. no. 29).

Species of Eurosiberian distribution.

Acanthosomatidae

Elastostethus interstinctus (Linnaeus, 1758)

1 ♂ — N. Mongolia: near Bajan-Agt, 105 km of Bulgan (salt lake), 23. VIII. 1965 (loc. no. 34); 1 ♂: between Zaisan and Nucht near Ulaanbaator, 30.—31. VII. 1965 (loc. no. 10—11); 1 ♀: Ulaanbaator, VII. 1966 (coll. Soběslavský).

Species of Eurosiberian distribution, recorded by Tsherepanov and Kiritschenko (1962).

Elastostethus brevis Lindberg, 1934

1 ♂ and 1 ♀ — N. Mongolia: Songino near Ulaanbaator, 29. VIII. 1965 (loc. no. 8—9).

Species widely distributed throughout the forest region of USSR from Sakhalin as far as the region of Leningrad (the type locality being Sutshan, Tigrovaja in Soviet Far East). In Mongolia recorded from the confluence of the rivers Zakhonigol and Menzja (Kerzhner 1964).

Elastomucha grisea (Linnaeus, 1758)

2 ♀♀ — N. Mongolia, between Zaisan and Nucht near Ulaanbaator, 30.—31. VII. 1965 (loc. no. 10—11); 7 ♂♂ and 7 ♀♀: Uñt (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22); 1 ♀: Ulaanbaator, VII. 1966 (coll. Soběslavský).

Species of Eurosiberian distribution, recorded from Tuva by Tsherepanov and Kiritschenko (1962), from Mongolia by Oshanin (1912).

Cydnidae

Legnotus picipes (Fallen, 1807)

1 ♀ — N. Mongolia: Songino near Ulaanbaator (Tola bridge), 28.—29. VII. 1965 (loc. no. 8—9); 1 ♀: Uñt (Somon), 65 km S. W. of Bulgan, 1000—1600 m, 10. VIII. 1965 (loc. no. 21).

Species distributed through Europe, North Africa, S. W. Asia and Soviet Middle Asia, Siberia and penetrating eastwards as far as Tuva (Tsherepanov and Kiritshenko, 1962). Not previously recorded from Mongolia. From Siberia, China and North Mongolia further recorded an another species *Legnotus notatus* (Jakovlev).

Canthophorus niveimarginatus Scott, 1874

3 ♀♀ — N. Mongolia: Lake Chubsugul, 20—25 km N. W. of Chadchal, W. of the road Chadchal — Rinčinulchumbe, 2500 m, 18. VIII. 1965 (loc. no. 30); 3 ♂♂ and 2 ♀♀: Bajan-Agt, 21.—22. VIII. 1965 (loc. no. 32—33).

Species occurring in Finland, Siberia, China and Japan. Not previously recorded from Mongolia, however recorded from Tuva (Tsherepanov and Kiritshenko 1962).

Scutelleridae

Irochrotus mongolicus Jakovlev, 1902

1 ♀ — N. Mongolia: Ulaanbaator, in the vicinity of the town between bridge of Tola and Baga-Tenger, 28. VII. 1965 (loc. no. 6); 11 ♀♀ and 1 nymph: Lake Chubsugul (alpine zone), 17. VIII. 1965 (loc. no. 28); 1 ♂: Aršant (Somon), 20. VIII. 1965 (loc. no. 31).

Species widely distributed through Siberia, recorded from Tuva by Tsherepanov and Kiritshenko (1962) and also from Kirghizia and Kazakhstan in Middle Asia. In Mongolia recorded from mouth of the river Saityk-bogdo (type locality), (Jakovlev 1902 and Oshanin 1906 and 1912).

Irochrotus caspius Jakovlev, 1875

1 ♂ — N. Mongolia: Uñt (Somon), 65 km N. W. of Bulgan 1000—1600 m, 10. VIII. 1965 (loc. no. 21); 1 ♀: Tarialan (Tarjalang), Somon, between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24); 1 ♂ and 3 ♀♀: Lake Chubsugul, in the vicinity of Chadchal, N. of Somon, 1630—1700 m, 15. VIII. 1965 (loc. no. 27); 2 ♀♀: Lake Chubsugul (alpine zone), 17. VIII. 1965 (loc. no. 28); 1 ♂ and 3 ♀♀: Lake Chubsugul, 20—25 km N. W. of Chadchal, W. of the road Chadchal — Rinčinulchumbe, 2500 m, 19. VIII. 1965 (loc. no. 30).

Species recorded from the steppe region of Volga and from West Kazakhstan. There is a record from Siberia (Minusinsk) by Horváth (1901), but not previously recorded from Mongolia.

Phimodera nodicollis (Burmeister, 1835)

1 ♂ — N. Mongolia: Uñt (Somon), 65 km N. W. of Bulgan, 1200—1600 m, 10. VIII. 1965 (loc. no 21).

Species of Eurosiberian distribution, recorded from S. and S. E. Europe and Siberia (W. Altai, Bernaul; Minusinsk). In the Middle Asia recorded from Kazakhstan. Not previously recorded from Mongolia.

Phimodera laevilinea Stål, 1873

1 ♂ and 1 nymph — N. Mongolia: Uñt (Somon), 65 km N. W. of Bulgan, 1200—1600 m, 10. VIII. 1965 (loc. no. 21); 2 ♂♂ and 1 ♀: Lake Chubsugul, 20—25 km N. W. of Chadchal, W. of the road Chadchal—Rinčinulchumbe, 2500 m, 19. VIII. 1965 (loc. no. 30).

Species of Siberian distribution, recorded from Dauriya and Tuva (Tsherepanov and Kiritshenko 1962) and from Turcomania (Oshanin 1906).

Phimodera kiborti Jakovlev, 1902

1 ♀ — N. Mongolia: Lake Chubsugul, 20—25 km N. W. of Chadchal, W. of the road Chadchal—Rinčinulchumbe, 2500 m, 19. VIII. 1965 (loc. no. 30).

Species described from Siberia [according to one female (holotype) from Targeshino near Krasnojarsk] and one additional female has been collected in Altai. Not previously recorded from Mongolia.

Eurygaster maurus Linnaeus, 1758

1 ♀ — N. Mongolia: Tarialan (Tarjalang) Somon, between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24).

Species of Palaearctic distribution. Not previously recorded from Mongolia.

Eurygaster testudinarius (Geoffroy, 1785)

1 ♂ — N. Mongolia: Tarialan (Tarjalang) Somon, between Bulgan and Muran, 13. VIII. 1965 (loc. no. 24).

Species of Eurosiberian distribution. Recorded from Tuva (Tsherepanov and Kiritshenko 1962).

Pentatomidae

Sternodontus similis (Stål, 1857)

1 ♂ — N. Mongolia: Bajan-Agt Somon, 110 km N. W. of Bulgan, 1400—1700 m, 8. VIII. 1965 (loc. no. 19); 2 ♂♂: Uñt Somon, 65 km N. W. of Bulgan, 1200—1600 m, 10. VIII. 1965 (loc. no. 21); 1 ♂: Uñt (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22); 1 ♂: Lake Chubsugul (east shore), taiga N. E. of Chadchal, 18. VIII. 1965 (loc. no. 29); 1 ♀: Lake Chubsugul, 20—25 km N. W. of Chadchal, W. of the road Chadchal—Rinčinulchumbe, 2500 m, 19. VIII. 1965 (loc. no. 30); 3 ♂♂ and 3 ♀♀: Bajan-Agt, 21.—22. VIII. 1965 (loc. no. 32—33).

Species distributed in East Siberia, Tuva and Mongolia (Putshkov 1965).

Sciocoris (Sciocoris) distinctus Fieber, 1851

4 ♂♂ — N. Mongolia: Lake Chubsugul, in the vicinity of Chadchal, N. of Somon, 1630—1700 m, 15. VIII. 1965 (loc. no. 27); 1 ♀: Lake Chubsugul (east shore), taiga N. E. of Chadchal, 18. VIII. 1965 (loc. no. 29).

Species of Eurosiberian distribution reaching through North of Asia to the Eastern parts of Europe and at its most westerly in Western areas of Czechoslovakia, in Saxonia in Germany and Vienna in Austria.

In Siberia recorded from Yenisejsk and Tuva (Tsherepanov and Kiritshenko 1962).

Sciocoris (Aposciocoris) microphthalmus poppiusi Wagner, 1965

2 ♂♂ and 3 ♀♀ — N. Mongolia: Ulaanbaator, in the vicinity of the town between bridge of Tola and Baga-Tenger, 18. VIII. 1965 (loc. no. 6); 2 ♀♀: Bulgan, 16 km W. of the town, 5. VIII. 1965 (loc. no. 15—16); 1 ♂: Bulgan 1200—1600 m, 6. VIII. 1965 (loc. no. 17); 18 ♂♂ and 17 ♀♀: Uñt (Somon), 65 km N. W. of Bulgan, 1200—1600 m, 10. VIII. 1965 (loc. no. 21); 1 ♀; Bajan-Agt, 21.—22. VIII. 1965 (loc. no. 32—33).

Species of Eurosiberian distribution. The subspecies *poppiusi* is recorded only from Bulgaria (Mountains Vitoshka and Rhodope), W. Siberia and Mongolia (Wagner 1965).

Sciocoris (Aposciocoris) placidus Jakovlev, 1903

1 ♂ — N. Mongolia: Uñt (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22); 3 ♂♂ and 8 ♀♀: Lake Chubsugul, in the vicinity of Chadchal, N. of Somon, 1630—1700 m, 15. VIII. 1965 (loc. no. 27); 1 ♂ and 2 ♀♀: Lake Chubsugul (alpine zone), 17. VIII. 1965 (loc. no. 28).

Species described from E. Siberia, Transbaicalian region (type locality: Bum). Further recorded from Tuva (Tsherepanov and Kiritshenko 1962 and N. Mongolia (Wagner 1965).

Masthletinus abbreviatus Reuter, 1879

7 ♂♂ and 12 ♀♀ — N. Mongolia: Uñt (Somon), 65 km N. W. of Bulgan, 1200—1600 m, 10. VIII. 1965 (loc. no. 21); 1 ♂: Uñt (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22); 5 ♂♂ and 3 ♀♀: Bajan-Agt, 21.—22. VIII. 1965 (loc. no. 32—33); 4 ♀♀: near Bajan-Agt, 105 km W. of Bulgan (salt lake), 25. VIII. 1965 (loc. no. 34).

Species of wide Siberian distribution, recorded from Tuva by Tsherepanov and Kiritshenko (1962).

Aelia sibirica Reuter, 1886

1 ♂ — N. Mongolia: Ulaanbaator, in the vicinity of the town, between bridge of Tola and Baga-Tenger, 28. VII. 1965 (loc. no. 6); 1 ♀: Bulgan, 7. VIII. 1965 (loc. no. 18); 1 ♂ and 4 ♀♀: Uñt (Somon), 65 km N. W. of Bulgan, 1200—1600 m, 10. VIII. 1965 (loc. no. 21); 1 ♂: Lake Chubsugul, in the vicinity of Chadchal, N. of Somon, 1630—1700 m, 15. VIII. 1965 (loc. no. 27); 2 ♂♂ and 2 ♀♀: Bajan-Agt, 21.—22. VIII. 1965 (loc. no. 32—33).

Species of wide distribution in Asia, recorded from Kazakhstan, Siberia, recorded from Tuva (Tsherepanov and Kiritshenko 1962), from Mongolia, Dzshungaria, Kasgharia, Tibet (Putshkov 1965). Widely dispersed in the European part of USSR and newly recorded from Iran (Brown 1962).

Neottiglossa metallica (Jakovlev, 1876)

2 ♂♂ and 1 nymph — N. Mongolia: Bulgan, 1200—1600 m, 6. VIII. 1965 (loc. no. 17).

Species of Siberian distribution (Irkutsk, Kultuk and Ussuri region), recorded from Tuva by Tsherepanov and Kiritshenko (1962). Not previously recorded from Mongolia.

Rubiconia intermedia (Wolff, 1811)

2 ♂♂ — N. Mongolia: Bulgan, 7. VIII. 1965 (loc. no. 18); 1 ♂: Uñt (Somon), 65 km N. W. of Bulgan, 1200—1600 m, 10. VIII. 1965 (loc. no. 21); 1 ♂ and 1 ♀: Uñt (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22); 2 ♀♀: near Bajan-Agt, 105 km W. of Bulgan (salt lake), 23. VIII. 1965 (loc. no. 34); 1 ♂: Lake Chubsugul (east shore), taiga N. W. of Chadchal, 18. VIII. 1965 (loc. no. 29).

Species of Eurosiberian distribution, recorded further from Japan, China and Mongolia (Oshanin 1906, 1912).

Carpocoris (Carpocoris) purpureipennis (De Geer, 1773)

1 ♂ — N. Mongolia: Bajan-Agt (Somon), 110 km N. W. of Bulgan, 1400—1700 m, 8. VIII. 1965 (loc. no. 19); 1 ♂: Uñt (Somon), 65 km N. W. of Bulgan, 1200—1600 m, 10. VIII. 1965 (loc. no. 21); 1 ♂ and 2 ♀♀: Uñt (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22); 1 ♂: Ulaanbaator, VII. 1966 (coll. Soběslavský).

Species of Palaearctic distribution, in Middle Asia recorded from Kazakhstan and Kirgizia, in Mongolia from Kemtshik (Reuter 1891).

Anthemina eurynota (Horváth, 1907)

1 ♂: Bulgan, 1200—1600 m, 6. VIII. 1965 (loc. no. 17).

Species recorded from Tadzhikistan (Alai Mountains), from West Pamir and N. Mongolia (Putshkov 1965).

Anthemina aliena (Reuter, 1891)

1 ♂ and 1 ♀ — N. Mongolia: Lake Chubsugul (east shore), taiga N. W. of Chadchal, 18. VIII. 1965 (loc. no. 29).

Species distributed in Northern parts of Europe and Asia, Finland, Northern parts of European USSR, Siberia (Reuter, 1891; Oshanin, 1906), recorded from Tuva by Tsherepanov and Kiritshenko (1962).

Codophila varicornis (Jakovlev, 1874)

1 ♀ — N. Mongolia: Bulgan, 16 km W. of the town, 15. VIII. 1965 (loc. no. 15—16); 1 ♂: Tarialan (Tarjalang), Somon, between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24).

Species widely distributed through Southern parts of European USSR, Austria, Italy, Balkan Peninsula, Asia Minor, Middle Asia, Far East, Siberia, recorded from Tuva by Tsherepanov and Kiritshenko (1962).

Dolycoris baccarum (Linnaeus, 1758)

1 ♂ — N. Mongolia: Bulgan, 16 km W. of the town, 15. VIII. 1965 (loc. no. 15—16).

Species of Holarctic distribution.

Eurydema gebleri Kolenati, 1846

1 ♀ — N. Mongolia: Ulaanbaator (Tola), 21. VII. 1965 (loc. no. 1); 1 ♀: between Zaisan and Nucht near Ulaanbaator, 30.—31. VII. 1965 (loc. no. 10—11); 2 ♀♀: Bulgan, 7. VIII. 1965 (loc. no. 18); 1 ♂: Bajan-Agt (Somon), 110 km N. W. of Bulgan, 1400—1700 m, 8. VIII. 1965 (loc. no. 19); 2 ♂♂: Uñt (Somon), 65 km N. W. of Bulgan, 1200—1600 m, 10. VIII. 1965 (loc. no. 21); 1 ♂: Uñt (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22); 1 ♀: Tarialan (Tarjalang), Somon, between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24); 1 ♂ and 1 ♀: near Bajan-Agt, 105 km W. of Bulgan (salt lake), 23. VIII. 1965 (loc. no. 34); 2 ♀♀: Ulaanbaator, VII. 1966 (coll. Soběslavský).

Species of Siberian distribution, penetrating to S. W. as far as Kazan and Eastwards to China. Record from Tuva by Tsherepanov and Kiritshenko (1962).

Pentatoma rufipes (Linnaeus, 1758)

1 ♀ — N. Mongolia: Bulgan, 16 km W. of the town, 5. VIII. 1965 (loc. no. 15—16); 1 nymph: Bulgan, 1200—1600 m, 6. VIII. 1965 (loc. no. 17); 1 nymph: Bajan-Agt (Somon), 110 km N. W. of Bulgan, 1400—1700 m, 8. VIII. 1965 (loc. no. 19); 2 ♀♀: Uñt (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22); 1 nymph: Tarialan (Tarjalang), Somon, between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24); 1 ♀: near Bajan-Agt, 105 km W. of Bulgan (salt lake), 23. VIII. 1965 (loc. no. 34); 2 ♂♂: Ulaanbaator, VII. 1966 (coll. Soběslavský).

Species of Eurosiberian distribution, recorded from Tuva by Tsherepanov and Kiritshenko (1962).

Picromerus bidens fuscoannulatus Stål, 1858

2 ♂♂ and 1 ♀ — N. Mongolia: Bulgan, 16 km of the town, 15. VIII. 1965 (loc. no. 15—16); 2 ♀♀: Uñt (Somon), 65 km N. W. of Bulgan (Larix and Betula taiga), 11. VIII. 1965 (loc. no. 22).

Species of Eurosiberian distribution, the distribution of subspecies *fuscoannulatus* is Siberian only.

Jalla subcalcarata Jakovlev, 1884

2 ♂♂ — N. Mongolia: Lake Chubsugul (east shore), taiga N. W. of Chadchal, 18. VIII. 1965 (loc. no. 29); 1 ♂: Lake Chubsugul, 20—25 km N. W. of Chadchal, W. of the road Chadchal—Rinčinulchumbe, 2500 m, 19. VIII. 1965 (loc. no. 30).

Species distributed in Kirghizia, Kazakhstan, Siberia, China, Tibet and Mongolia (Dzshungaria, Toslas; Reuter 1891, Oshanin 1906, 1912).

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