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## Results of 1<sup>st</sup> and 2<sup>nd</sup> Mongolian-Czechoslovak entomological and botanical expedition to Mongolia

### No. 30: Heteroptera (3): Nabidae, Tingidae, Reduviidae, Aradidae, Piesmidae, Lygaeidae, Cydnidae, Scutelleridae and Pentatomidae

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In the following part, the third in the series, I present a contribution of further results of work on the Heteroptera, families Nabidae, Tingidae, Reduviidae, Aradidae, Piesmidae, Lygaeidae, Cydnidae, Scutelleridae and Pentatomidae, collected by J. Dlabola during the 1<sup>st</sup> and 2<sup>nd</sup> entomological and botanical expedition to Mongolia. To the families Cydnidae, Scutelleridae and Pentatomidae, already published under number 25 of this set of papers, are here added a few species to complete only the distributional data in Mongolia.

In the following paper there are mentioned 19 species not previously recorded from the area of the Mongolian Peoples Republic, of which two species, *Dictyonota (Dictyonota) dlabolai* and *Phimodera dlabolai* are new to science and are named after their collector, my friend Dr. Jiří Dlabola.

Grateful acknowledgment is made to Dr. I. M. Kerzhner, Leningrad, for determination of the species of the family Nabidae and for making *Phimodera testudo* Jakovlev available for comparative study.

#### Nabidae

##### *Stalia daurica* (Kiritschenko, 1911)

1 ♀ and 1 ♂ — C. Mongolia, Uburchangaj aimak, between Bulgan and Bogd Somon near somon Bogd, 1200 m., 23. VIII. 1966 (loc. no. 49).

Species recorded from East Ukraine, Turkey, Central Asia (Kirgizia), Siberia, Far East, China and Kurile Islands. Previously not recorded from Mongolia.

##### *Halonabis ? sinicus* Hsiao, 1964

1 ♀ — N. Mongolia, Chubsugul Lake, east part, N. E. of Chadchal, 18. VIII. 1965 (loc. no. 29).

It was not possible to find any differences between females of *Halonabis sa-reptanus* and *Halonabis sinicus*, but the locality of present specimen stands among known localities of both species and just *Halonabis sinicus* is the species

occurring in region of Mongolian steppes (according to a letter from January 1973 of I. M. Kerzhner).

Species of Siberian distribution, in Mongolia recorded from Lake Bajan-Nur and Lake Orog-Nur (Kerzhner, 1968).

### ***Dolichonabis limbatus* (Dahlbom, 1850)**

1 ♂ — N. Mongolia, Bulgan, 1200–1600 m., 5. VIII. 1965 (loc. no. 15–16).

Species occurring in forest zone of Europe and Asia, recorded from West Europe to Kamchatka and further occurring in Sakhalin, Kurile Islands. N. E. China and N. Korea. Previously not recorded from Mongolia.

### ***Dolichonabis americolimbatus* (Carayon, 1961)**

4 ♀♀ — N. Mongolia, Bulgan, 1200–1600 m., 6. VIII. 1965 (loc. no. 17); 1 ♀ — Central Aimak, Ulaanbaator, 2. IX. 1966 (loc. no. 57).

Species described from North America and recently recorded from Eastern parts of USSR and from Sakhalin. In Mongolia recorded from three localities in N. E. part of the country (Benedek, 1971).

### ***Dolichonabis nigrovittatus* (J. Sahlberg, 1878)**

2 ♂♂ nad 2 ♀♀ — N. Mongolia, between Baga-Tenger and Zaisan, North Bogdo-ul Mountains, 22. VII. 1965 (loc. no. 2); 3 ♀♀ — Ulaanbaator — Baga-Tenger, 26. VII. 1965 (loc. no. 6); 1 ♀ — Songino, 28.–29. VII. 1965 (loc. no. 8–9); 1 ♂ and 1 ♀ — Zaisan near Ulaanbaator, Bogdo-ul Mountains, 30.–31. VII. 1965 (loc. no. 10–11).

Species recorded from Siberia, Central Asia, China, USA, South Canada and recently from numerous localities in Mongolia (Kerzhner, 1962, 1968 and Benedek, 1971).

### ***Nabicula flavomarginata* (Scholtz, 1847)**

1 ♂ and 6 ♀♀ — N. Mongolia, Ulaanbaator — Baga-Tenger, 26. VII. 1965 (loc. no. 6); 2 ♂♂ nad 5 ♀♀ — Zaisan near Ulaanbaator, Bogdo-ul Mountains, 30.–31. VII. 1965 (loc. no. 10–11); 17 ♂♂ and 24 ♀♀ — Bulgan, 1200–1600 m., 5. VIII. 1965 (loc. no. 15–16); 2 ♂♂ and 4 ♀♀ — Bulgan, 1200–1600 m., 6. VIII. 1965 (loc. no. 17); 1 ♂ and 2 ♀♀ — Tarialan (Tarjalang) somon between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24); 3 ♀♀ — Chubsugul Lake near Chadchal, N. of somon, 1630–1700 m., 16. VIII. 1965 (loc. no. 27); 2 ♂♂ and 2 ♀♀ — Chubsugul Lake, 17. VIII. 1965 (loc. no. 28); 1 ♀ — Chubsugul Lake, East part. N. E. of Chadchal, 18. VIII. 1965 (loc. no. 29); 1 ♀ — C. Mongolia, Uburchangaj-Aimak, vicinity of Baruun-Bajan-Ulaan Somon, 5 km. W. of Iche Bogdo, 1200 m., 17. VIII. 1966 (loc. no. 43); 1 ♀ — Uburchangaj Aimak, between Bulgan and Bogd Somone, 40 km. of Somon Bogd, 1200 m., 23. VIII. 1966 (loc. no. 49).

Species of Holarctic distribution, recently recorded from numerous localities in Mongolia (Josifov and Kerzhner 1967, Wagner 1967 and Benedek 1971).

### ***Nabis ferus* (Linnaeus, 1758)**

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

Species occurring in Europe, Siberia and recently from numerous localities in Mongolia (Josifov and Kerzhner 1967, Wagner 1967 and Benedek 1971).

## **Nabis feroides mimoferus** Hsiao, 1964

2 ♂♂ — N. Mongolia, Ulaanbaator — Baga-Tenger, 26. VII. 1965 (loc. no. 6); 2 ♂♂ — Songino, 28.—29. VII. 1965 (loc. no. 8–9); 1 ♂ — Zaisan near Ulaanbaator, Bogdo-ul Mountains, 30.—31. VII. 1965 (loc. no. 10–11); 1 ♂ and 1 ♀ — Bulgan, 1200–1600 m., 5. VIII. 1965 (loc. no. 15–16); 1 ♀ — Bulgan, 7. VIII. 1965 (loc. no. 18); 1 ♂ and 1 ♀ — Bajan-Agt (somon), 110 km. W. of Bulgan, 1400–1700 m., 8. VIII. 1965 (loc. no. 19); 4 ♂♂ and 6 ♀♀ — Uñt (somon), 65 m., N. W. of Bulgan, 1200–1600 m., 10. VIII. 1965 (loc. no. 21); 3 ♂♂ and 2 ♀♀ — Uñt, 11. VIII. 1965 (loc. no. 22); 7 ♂♂ and 10 ♀♀ — Chubsugul Lake, East part, N. E. of Chadchal, 18. VIII. 1965 (loc. no. 29); 1 ♀ — Bajan-Agt (somon) 21.—22. VIII. 1965 (loc. no. 32–33).

Subspecies recorded from Siberia, Manchuria and Mongolia (Josifov and Kerzhner 1967, Wagner 1967 and Benedek 1971).

## **Reduviolus inscriptus** Kirby, 1837

1 ♂ — N. Mongolia, Tarialan (Tarjalang) somon between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24); 1 ♂ and 2 ♀♀ — Chubsugul Lake, near Chadchal, N. of somon, 1630–1700 m., 16. VIII. 1965 (loc. no. 27).

Species of Holarctic distribution with rather northern extension. In Mongolia recorded from numerous localities (Kerzhner 1963 and Benedek 1971).

### Tingidae

## **Dictyonota (Alcletha) tricornis tricornis** (Schrank, 1801)

3 ♂♂ — N. Mongolia, Ulaanbaator — Baga-Tenger, 26. VII. 1965 (loc. no. 6).

Species of Palaearctic distribution. In Mongolia recorded only from Čojr by Josifov and Kerzhner (1967).

## **Dictyonota (Dictyonota) dlabolai** sp. n.

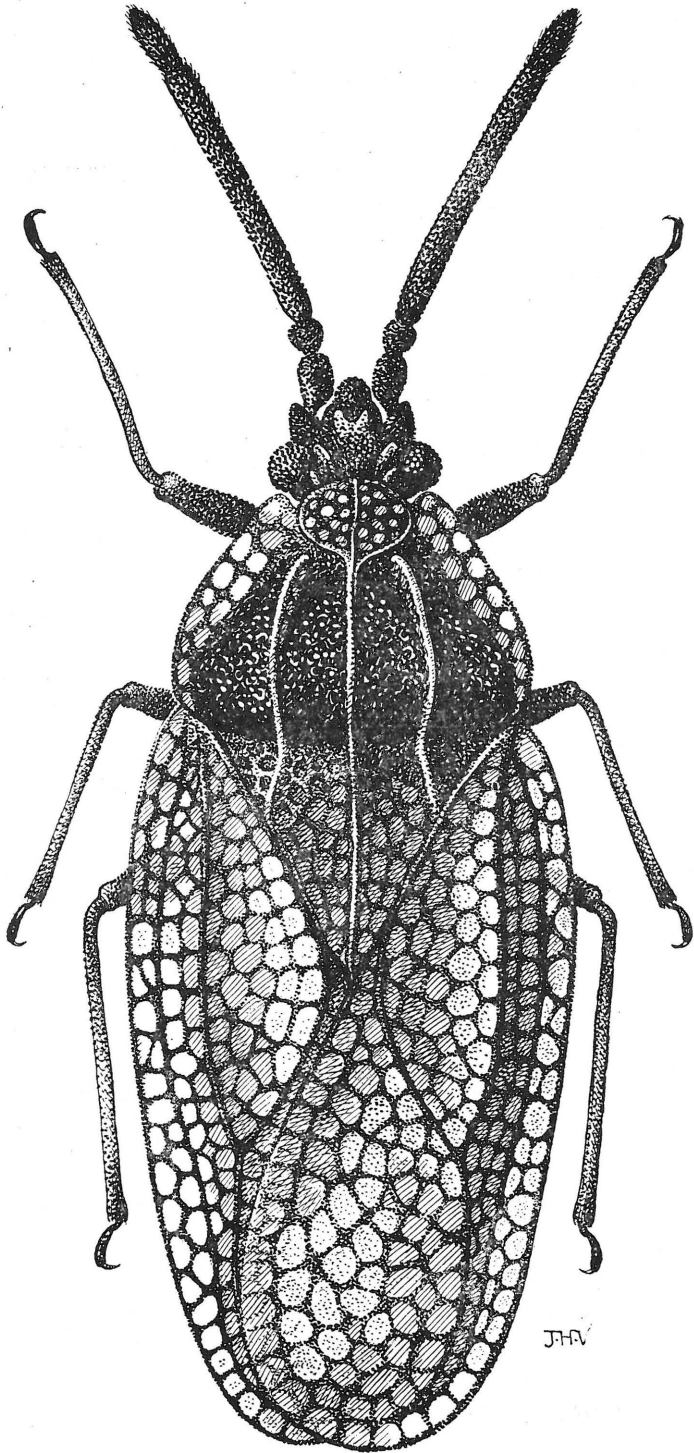
Male, macropterous. Length 3.08–3.32 mm., width 1.28–1.36 mm. Head: length 0.36 mm, width 0.56 mm., synthlipsis 0.28 mm. Antennae: length of segment I, 0.16 mm., II, 0.1 mm., III, 0.88 mm., IV, 0.28 mm. Pronotum: length 1.54 mm., width 1.12 mm.

General shape of the body oval, 2.4 times as long as broad.

Head seen from above 1.5 times as broad across eyes as long, portion of head in front of eyes 1.5 times as long as the length of eye. Disc of head arched, anteriorly declivous, apically obtuse. Disc of head with some irregular granules, upper surface of head with two pairs of short spines, anterior pair well reduced, very short tubercle like, posterior pair short decumbent, touching posterointerior angles of eyes. Eyes small, globular, projecting. Bucculae broad, with three rows of areolae, anteriorly narrowed and reaching to the apex of head, open in front. Rostrum reaches to the anterior margin of 3<sup>rd</sup> abdominal segment.

Antennal tubercles distinctly projecting, curved anteriorly. Antennae very stout and long, 2.6 times as long as the width of head; first antennal segment subcylindrical, second segment globular, third segment stoutest, cylindrical, along the whole length of equal width, fourth segment slightly slenderer than the third one, spindle-like. Surface of antennae with distinct globulars with short adpressed hairs. Relative lengths of antennal segments 4:2.5:22:7.

Pronotum 1.35 times as long as broad, posteriorly projecting in a triangular process, apex narrowly rounded, disc of the pronotum in the middle arched;



paranota narrow, exterior margin only slightly rounded, nearly straight, antero-lateral angles truncate, not projecting beyond the anterior pronotal margin, anteriorly with two rows, posteriorly with one row of large irregular areolae, pronotal hood small irregularly subcubital with about 24 areolae and with a medial longitudinal well defined straight vein. Pronotal surface smooth, pronotal disc with rather dense regular pits distinctly smaller than large irregular areolae behind pronotal disc, the areolae being more or less subquadriangulate posteriorly distinctly larger than those which are close to pronotal disc. Pronotal collar with irregular small areolae. Pronotum tricarinate, middle carina percurrent from hood to apex of pronotum, lateral carinae anteriorly not touching pronotal collar, posteriorly slightly divergent and reaching to the pronotal margin. Carinae very low, with one row of small regular areolae, carinae in general outline following the form of pronotal disc. Laminae on prosternum reduced, not conspicuous, those of mesosternum low with straight border, and on mesosternum roundedly projecting.

Legs long and slender, femora apically narrowed in front to apex distinctly constricted, tibiae slightly sinuate, tarsi robust; legs with very small granules and short adpressed hairs.

Hemelytra macropterous, 1.5 times as long as the length of pronotum, exterior margin of hemelytra anteriorly regularly rounded, in posterior third rather straightened; discoidal area 3.3 times as long as broad, with subquadriangulate or subquinqueangulate areolae of rather equal size, in the widest area with five areolae, subcostal area with two rows of rather large areolae of equal size, only in extreme posterior part of three areolae and then passing into single row of areolae, costal area narrow in apical third slightly widened with large irregular unequal areolae in either one or two rows, hypocostal lamina of one row of small regular areolae, sutural area with large areolae in the middle with rather larger one and at most with 7 areolae across the width of sutural area.

General colour of the body brown with contrasting black, shining. Head above, antennae, eyes and anterior pair of frontal reduced spines black, shining; bucculae black with lower margin yellowish brown. Hairs of antennae silvery shining. Disc of the pronotum deep black, shining, hood brown with dark brown veins, paranota with brownish veins and transparent areolae, pronotum behind disc with brown veins and pale areolae. Pronotal carinae blackish, lateral ones posteriorly parallel. Sternum and abdomen entirely black, anterior margin of pronotum yellowish. Femora blackish, apically brownish, tibiae brown, basally darkened, tarsi dark. Hemelytra pale brownish with blackish or dark brown veins.

2 ♂♂ (holotype and paratype) — North Mongolia, Songino, 15 km. of Ulaanbaator near to the river Tola, 28.—29. VII. 1965 (loc. no. 8—9). Holotype and paratype in the collections of the Department of Entomology of National Museum, Praha.

The new species belongs to the subgenus *Dictyonota* s. str. and seems to be most nearly allied to the Mediterranean *Dictyonota marmorea* Baerensprung. The new species is rather smaller and differs in conspicuously narrower shape of paranota and its nearly straight lateral margins whilst in *Dictyonota marmorea* Baer. the paranota are rather broad with distinctly rounded margins; frontal pair of discal spines on head in the new species rather reduced, whilst in *Dictyonota marmorea* Baer. distinctly projecting. The costal area of the he-

melytra in the new species is rather irregularly areolate and it is for the most part irregularly biseriolate and only in the middle of its length consists of a single row of two to five regular areolae, whilst in the other species the costal area is nearly along the whole length regularly alternately uni- and biareolate. Pronotal carinae in the new species are paralell, whilst in *Dictyonota marmorea* Baer. are distinctly sinuate.

### **Derephysia foliacea** (Fallén, 1807)

1 ♀ — N. Mongolia, Uñt (somon), 65 km. N. W. of Bulgan, 1200–1600 m., 10. VIII. 1965 (loc. no. 21).

Species of Euro-Siberian distribution; previously not recorded from Mongolia.

### **Galeatus spinifrons** (Fallén, 1807)

1 ♀ — N. Mongolia, Ulaanbaator-Bulgan, 80 km. S. E. Bulgan, near Tola river, 800–1000 m., 4. VIII. 1965 (loc. no. 14); 8 ♂♂ and 2 ♀♀ — Bulgan, 1200–1600 m., 5. VIII. 1965 (loc. no. 15–16); 4 ♂♂ and 1 ♀ — Chubsugul Lake, 17. VIII. 1965 (loc. no. 28).

Species of Holarctic distribution; in Mongolia recorded from Suche-Baator by Josifov and Kerzhner (1967).

### **Elasmotropis distans** (Jakovlev, 1903)

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

Species recorded only from Mongolia: Mountains Changai (Jakovlev 1903, Horváth 1906 and Josifov and Kerzhner 1967) and Gorchi near Ulaanbaator (Josifov and Kerzhner 1967).

### **Tingis (Tropidocheila) pilosa** Hummel, 1825

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

Species of Palaearctic distribution. From Mongolia is recorded *Tingis (Tropidocheila) pilosa* var. *antennalis* Puton (Horváth 1906, Oshanin 1909, Josifov and Kerzhner 1967).

### **Physatocheila costata** (Fabricius, 1894)

1 ♀ — N. Mongolia, Uñt, 11. VIII. 1965 (loc. no. 22).

Species of Palaearctic distribution; not previously recorded from Mongolia.

### **Dictyla platyoma** (Fieber, 1861)

2 ♂♂ — N. Mongolia, Ulaanbaator, 21. VII. 1965 (loc. no. 1); 2 ♀♀ — S. Mongolia, South Gobi aimak, Dalan-Dzadagad somon, 80 km. N. of the town, 1400–1600 m., 26. VIII. 1966 (loc. no. 51); 1 ♀ — Central aimak, Songino, 1300 m., on the river Tola, 3. IX. 1966 (loc. no. 58).

Species of Palaearctic distribution: not previously recorded from Mongolia.

**Monosteira (Monosteira) discoidalis** (Jakovlev, 1883)

1 ♂ — C. Mongolia, Uburchangaj aimak. Baruun-Bajan-Ulaan somon, direction to Iche Bogdo, 17. VIII. 1966 (loc. no. 43).

Species distributed in Central Asia; Not previously recorded from Mongolia.

**Agramma (Agramma) laetum** (Fallén, 1807)

2 ♂♂ — Ulaanbaator, in the vicinity of the town, between bridge of Tola and Baga-Tenger, 28. VII. 1965 (loc. no. 6).

Species of Palaearctic distribution; from Mongolia recorded only by Drake (1965).

Reduviidae

**Coranus hammarstroemi** Reuter, 1892

1 ♀ — N. Mongolia, Ulaanbaator (Tola), 1300 m., 21. VII. 1965 (loc. no. 1); 1 ♀ and 1 nymph — Nucht near Ulaanbaator, 1500—1800 m., 24. VII. 1965 (loc. no. 3—4); 1 ♀ — Zaisan near Ulaanbaator, Bogdo-ul Mountains, 30.—31. VII. 1965 (loc. no. 10—11); 2 ♂♂ and 2 ♀♀ — Bulgan, 1200—1600 m., 5. VIII. 1960 (loc. no. 15—16); 1 ♀ (macropterous) — Muren — Chadchal, 60 km. N. of Muren, 15. VII. 1965 (loc. no. 26); 2 ♀♀ — Chubsugul Lake, N. E. of Chadchal, 18. VIII. 1965 (loc. no. 29); 1 ♀ — Chubsugul Lake, 20—25 km. N. W. of Chadchal, 2500 m., 19. VIII. 1965 (loc. no. 30).

Species of Siberian distribution, in Mongolia recorded from numerous localities by Jakovlev 1904, Josifov and Kerzhner 1967, Wagner 1967 and Hoberlandt 1968a. From Tuva ASSR recorded by Reuter 1892.

**Rhinocoris dauricus** Kiritshenko, 1926

1 nymph — N. Mongolia, Nucht near Ulaanbaator, 1500—1800 m., 24. VII. 1965 (loc. no. 3—4); 1 ♂ and 1 ♀ — Songino near Ulaanbaator (Tola bridge), 28.—29. VII. 1965 (loc. no. 8—9).

Recorded only from a few localities in Mongolia (Kiritshenko 1926 and Josifov and Kerzhner 1967).

**Holotrichius sibiricus** Reuter, 1891

1 ♀ — N. Mongolia, Bulgan, 7. VIII. 1965 (loc. no. 18).

Species recorded only from Central Asia (type locality: Dzungaria, Tarbagatai; Reuter 1891). Not previously recorded from Mongolia.

Aradidae

**Aradus (Aradus) vitiosus** Jakovlev, 1889

1 ♂ and 1 ♀ — N. Mongolia, Ulaanbaator, 25. VII. 1965 (loc. no. 5); 2 ♂♂ — Central aimak, Songino, 1300 m., 3. IX. 1966 (loc. no. 58).

Species recorded only from Transbaikalia, from region of Amur and recently in Mongolia from Chjargas-nur (Wagner 1967).

## Piesmidae

### *Piesma capitatum* (Wolff, 1804)

1 ♀ — N. Mongolia, Uburchangaj aimak, vicinity of Arbaj-Chere, 30–40 km. S. of the town, near Tacyn-Cagan-nur, 1800–2100 m., 15.–16. VIII. 1966 (loc. no. 42).

Species of Palaearctic distribution. In Mongolia recorded from a few localities (Horváth 1906, Oshanin 1909 and Josifov and Kerzhner 1967).

### *Piesma maculatum* (Laporte, 1832)

1 ♀ — N. Mongolia, Bulgan, 1200–1600 m., 5. VIII. 1965 (loc. no. 15–16); 1 ♀ — Tarialan (Tarjalang) somon between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24); 1 ♂ — Chubsugul Lake, 20–25 km. N. W. of Chadchal, 2500 m., 19. VIII. 1965 (loc. no. 30).

Species of Palaearctic distribution. In Mongolia recorded from a few localities (Horváth 1906, Oshanin 1909, Josifov and Kerzhner 1967).

### *Piesma variabilis* (Fieber, 1844)

1 ♂ and 1 ♀ — S. Mongolia, South Gobi aimak, Dalan-Dzadagad somon, 80 km. N. of the town, 1400–1600 m., 26. VIII. 1966 (loc. no. 51).

Species of Palaearctic distribution, not previously recorded from Mongolia.

## Lygaeidae

### *Lygaeus hanseni* Jakovlev, 1883

1 ♂ — N. Mongolia, Zaisan near Ulaanbaator, Bogdo-ul Mountains, 30.–31. VII. 1965 (loc. no. 10–11).

Species recorded from Central Asia, Siberia and China; from Mongolia recorded by Jakovlev 1893, Oshanin 1912, Josifov and Kerzhner 1967 and Wagner 1967: Uvs-nur. From Tuva ASSR is recorded by Reuter 1892.

### *Nithecus jacobae* (Schilling, 1829)

6 ♂♂ and 2 ♀♀ — N. Mongolia, Bulgan, 1200–1600 m., 5. VIII. 1965 (loc. no. 15–16).

Species of Eurosiberian distribution, not previously recorded from Mongolia.

### *Nysius (Nysius) thymi* (Wolff, 1804)

1 ♂ — N. Mongolia, Ulaanbaator, 21. VII. 1965 (loc. no. 1); 22 ♂♂ and 12 ♀♀ — Ulaanbaator, Bogdo-ul Mountains, between Baga-Tenger and Zaisan, 22. VII. 1965 (loc. no. 2); 15 ♂♂ and 22 ♀♀ — Ulaanbaator, in the vicinity of the town, between bridge of Tola and Baga-Tenger, 28. VII. 1965 (loc. no. 6); 21 ♂♂ and 32 ♀♀ — between Zaisan and Nucht near Ulaanbaator, 30.–31. VII. 1965 (loc. no. 10–11); 1 ♂ — Bulgan, 1200–1600 m., 5. VIII. 1965 (loc. no. 15–16); 37 ♂♂ and 10 ♀♀ — Lake Chubsugul, in the vicinity of Chadchal (somon), 15. VIII. 1965 (loc. no. 26); 20 ♂♂ and 3 ♀♀ — Lake Chubsugul, in the vicinity of Chadchal, N. of somon, 1630–1700 m., 15. VIII. 1965 (loc. no. 7); 6 ♂♂ and 2 ♀♀ — Lake Chubsugul (alpine zone), 17. VIII. 1965 (loc. no. 28); 1 ♂ and 1 ♀ — Aršant (somon), 20. VIII. 1965; 2 ♂♂ — Bajan-Agt, 21.–22. VIII. 1965 (loc. no. 32–33).

Species of Palaearctic distribution; in Mongolia recorded from numerous localities by Horváth 1901, Josifov and Kerzhner 1967 and Wagner 1967.



### *Nysius (Nysius) ericae* (Schilling, 1829)

3 ♂♂ and 10 ♀♀ — N. Mongolia, Ulaanbaator, 21. VII. 1965 (loc. no. 1); 103 ♂♂ and 145 ♀♀ — Ulaanbaator, Bogdo-ul Mountains, between Baga-Tenger and Zaisan, 22. VII. 1965 (loc. no. 2); 1 ♀ — Nucht near Ulaanbaator, 1500–1800 m., 23. VII. 1965 (loc. no. 3–4); 10 ♂♂ and 13 ♀♀ — Ulaanbaator, in the vicinity of the town, between bridge of Tola and Baga-Tenger, 28. VII. 1965 (loc. no. 6); 2 ♀♀ — Songino near Ulaanbaator (Tola bridge), 28.–29. VII. 1965 (loc. no. 8–9); 72 ♂♂ and 86 ♀♀ — between Zaisan and Nucht near Ulaanbaator, 30.–31. VII. 1965 (loc. no. 10–11); 1 ♂ and 1 ♀ — Bulgan, 7. VIII. 1965 (loc. no. 18); 1 ♀ — Tarialan (Tarjalan), somon, between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24); 62 ♂♂ and 39 ♀♀ — Lake Chubsugul, in the vicinity of Chadchal (somon), 15. VIII. 1965 (loc. no. 26); 68 ♂♂ and 69 ♀♀ — Lake Chubsugul, in the vicinity of Chadchal, N. of. somon, 1630–1700 m., 15. VIII. 1965 (loc. no. 27); 5 ♂♂ and 19 ♀♀ — Lake Chubsugul (alpine zone), 17. VIII. 1965 (loc. no. 28); 2 ♂♂ and 1 ♀ — Lake Chubsugul, 20–25 km. N. W. of Chadchal, W. of the road Chadchal-Rinčinulchumbe, 2500 m., 18. VIII. 1965 (loc. no. 30); 3 ♀♀ — Aršan (somon), 20. VIII. 1965 (loc. no. 31); 1 ♂ and 2 ♀♀ — Bajan-Agt, 105 km. W. of Bulgan, near to the river Chanuj, 1000–1200 m., 23. VIII. 1965 (loc. no. 34); 1 ♂ and 3 ♀♀ — Dašinčilin (somon), near Chan-Mogile (Boročinij chondij), Charuchigol river, 1000 m., 24. VIII. 1965 (loc. no. 35); 2 ♂♂ and 6 ♀♀ — Uburchangaj aimak, vicinity of Arbaj-Chere, 50 km. E. of the town, 1800–1900 m., 14. VIII. 1966 (loc. no. 41); 1 ♂ — C. Mongolia, Uburchangaj aimak, vicinity of Baruun-Bajan-Ulaan somon, near Iche Bogdo, 1200 m., 17. VIII. 1966 (loc. no. 43); 1 ♂ — Uburchangaj aimak, between Bulgan and Bogd Somone near somon Bogd, 1200 m., 23. VIII. 1966 (loc. no. 49).

Species of Palaearctic distribution, in Mongolia recorded from few localities recorded by Stichel 1960, Josifov and Kerzhner 1967, and Wagner 1967.

### *Nysius (Macroparius) eximius* Stal, 1858

6 ♂♂ and 1 ♀ — N. Mongolia, Zaisan near Ulaanbaator, Bogdo-ul Mountains, 30.–31. VII. 1965 (loc. no. 10–11); 2 ♀♀ — Bulgan, 1200–1600 m., 5. VIII. 1965 (loc. no. 15–16); 3 ♂♂ and 2 ♀♀ — Central aimak, Dzun-Mod, 1400–1500 m., 30. VIII. 1966 (loc. no. 55).

Species recorded from Siberia; not previously recorded from Mongolia.

### *Ortholomus punctipennis* (Herrich Schaeffer, 1839)

4 ♂♂ and 2 ♀♀ — N. Mongolia, Songino, 28.–29. VII. 1965 (loc. no. 8–9); 3 ♀♀ — Zaisan near Ulaanbaator, Bogdo-ul Mountains, 30.–31. VII. 1965 (loc. no. 10–11); 1 ♂ — Bulgan, 1200–1600 m., 5. VIII. 1965 (loc. no. 15–16); 3 ♂♂ and 11 ♀♀ — Bulgan, 7. VIII. 1965 (loc. no. 18); 9 ♂♂ and 20 ♀♀ — Bajan Agt (somon), 110 km. N. W. of Bulgan, 1400–1700 m., 8. VIII. 1965 (loc. no. 19); 1 ♂ and 3 ♀♀ — Uñt (somon), 65 km. N. W. of Bulgan, 1200–1600 m., 10. VIII. 1965 (loc. no. 21); 15 ♂♂ and 16 ♀♀ — Uñt (somon), 65 km. N. W. of Bulgan, 11. VIII. 1965 (loc. no. 22); 3 ♀♀ — Tarialan (Tarjalan), somon, between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24); 31 ♂♂ and 41 ♀♀ — Lake Chubsugul, in the vicinity of Chadchal (somon), 15. VIII. 1965 (loc. no. 26); 10 ♂♂ and 14 ♀♀ — Lake Chubsugul (east shore) taiga N. E. of Chadchal, 18. VIII. 1965 (loc. no. 29); 1 ♂ — Aršan (somon), 20. VIII. 1965 (loc. no. 31); 1 ♀ — Bajan-Agt, 21.–22. VIII. 1965 (loc. no. 32–33).

Species of Eurosiberian distribution with the exception of northernmost areas; not previously recorded from Mongolia.

### *Cymus glandicolor* (Hahn, 1831)

1 ♀ — N. Mongolia, Ulaanbaator (Tola), 21. VII. 1965 (loc. no. 1); 5 ♂♂ and 1 ♀ — Ulaanbaator, Bogdo-ul Mountains, between Baga-Tenger and Zaisan, 22. VIII. 1965 (loc. no. 2); 1 ♀ — Bulgan, 1200–1600 m., 6. VIII. 1965 (loc. no. 17); 1 ♂ — Tarialan

(Tarjalang), somon, between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24); 1 ♀ - Central aimak, Bogdo-ul Mountains, 2000-2250 m., 11. VIII. 1966 (loc. no. 39).

Species of Eurosiberian distribution; in Mongolia recorded only from Ulaanbaator (Wagner 1967).

### ***Geocoris grylloides* (Linnaeus, 1761)**

1 ♀ - N. Mongolia, Songino, 28.-29. VII. 1965 (loc. no. 8-9); 1 ♀ - 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 ♀ - Uburchangaj Aimak, vicinity of Arbaj-Chere near Tacyn-Cagan-nur, 1800-2100 m., 15.-16. VIII. 1966 (loc. no. 42).

Species of Eurosiberian distribution; in Mongolia recorded only from Darchan (Josifov and Kerzhner 1967).

### ***Geocoris dispar* (Waga, 1839)**

1 ♀ - N. Mongolia, Songino near Ulaanbaator (Tola bridge), 28.-29. VII. 1965 (loc. no. 8-9); 2 ♀♀ - between Zaisan and Nucht near Ulaanbaator, 30.-31. VII. 1965 (loc. no. 10-11); 1 ♂ and 2 ♀♀ - Uñt (somon), 65 km. N. W. of Bulgan, 1200-1600 m., 10. VIII. 1965 (loc. no. 21); 1 ♀ - Tarialan (Tarjalang), somon, between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24); 1 ♀ - Bajan-Agt, 21.-22. VIII. 1965 (loc. no. 32-33).

Species of Eurosiberian distribution, from Mongolia not previously recorded.

### ***Geocoris variabilis minusculus* Kerzhner and Josifov, 1966**

1 ♀ - N. Mongolia, between Zaisan and Nucht near Ulaanbaator, 30.-31. VII. 1965 (loc. no. 10-11); 1 ♂ and 1 ♀ - Uñt (somon), 65 km., N. W. of Bulgan, 1200-1600 m., 10. VIII. 1965 (loc. no. 21).

Subspecies recorded hitherto only from Mongolia: Iche-Bogdo, Gobi-Altai, Ulaanbaator (Tola) and Zutge-gin-obo (Kerzhner and Josifov 1966, Josifov and Kerzhner 1967).

### ***Geocoris lapponicus* (Zetterstedt, 1840)**

2 ♀♀ - N. Mongolia, Ulaanbaator, Bogdo-ul Mountains, between Baga-Tenger and Zaisan, 22. VIII. 1965 (loc. no. 2); 3 ♀♀ - Nucht near Ulaanbaator, 1500-1800 m., 23. VII. 1965 (loc. no. 3); 2 ♂♂ and 7 ♀♀ - Bajan-Agt, 21.-22. VIII. 1965 (loc. no. 32-33); 1 ♀ - Chanuj river near Bajan-Agt, 1000-1200 m., 23. VIII. 1965 (loc. no. 34); 1 ♀ - Central aimak, Bogdo-ul Mountains, 2000-2250 m., 11. VIII. 1966 (loc. no. 39).

Species of Eurosiberian distribution, in Mongolia recorded from Ulaanbaator (Horváth 1901, Josifov and Kerzhner 1967, Hoberlandt 1968), Tarialan, Char-chingol (Wagner 1967).

### ***Geocoris ater* (Fabricius, 1787)**

1 ♂ and 1 ♀ - N. Mongolia, Nucht near Ulaanbaator, 1500-1800 m., 23. VII. 1965 (loc. no. 3-4).

Species of Holarctic distribution; not previously recorded from Mongolia.

### **Heterogaster distinctus** Jakovlev, 1881

1 ♂ — C. Mongolia, Uburchangaj aimak, between Bulgan and Bogd Somone, 40 km. of Somon Bogd, 1200 m., 23. VIII. 1966 (loc. no. 49).

Species occurring in S. W. Asia; not previously recorded from Mongolia or from other part of Central Asia.

### **Jakowleffia setulosa** (Jakovlev, 1874)

1 ♂ (macropterous) — N. Mongolia, Ulaanbaator, in the vicinity of the town, between bridge of Tola and Baga-Tenger, 28. VII. 1965 (loc. no. 6); 1 ♂ (brachypterous) — Uburchangaj aimak, vicinity of Arbaĭ-Chere near Tacyn-Cagan-nur, 1800–2100 m., 15.–16. VIII. 1966 (loc. no. 42); 1 ♂ (macropterous) — C. Mongolia, Uburchangaj aimak, between Bulgan and Bogd Somone, 1200 m., 23. VIII. 1966 (loc. no. 49); 2 ♂♂ (macropterous) and 2 ♀♀ (macropterous) and 2 ♀♀ (brachypterous) — S. Mongolia, South Gobi aimak, Dalan-Dzadagad somon, 80 km. N. of the town, 1400–1600 m., 26. VIII. 1966 (loc. no. 51); 12 ♂♂ (brachypterous) and 2 ♀♀ (macropterous) and 9 ♀♀ (brachypterous) — N. Mongolia, Central aimak, Dzun-Mod, 1400–1500 m., 30. VIII. 1966 (loc. no. 55).

Species recorded from Central Asia; from Tuva ASSR recorded by Reuter 1892. Not previously recorded from Mongolia.

### **Plinthisus (Dasythisus) vestitus** Jakovlev, 1889

1 ♂ (macropterous) — N. Mongolia, Ulaanbaator, in the vicinity of the town, between bridge of Tola and Baga-Tenger, 28. VII. 1965 (loc. no. 6); 1 ♀ (brachypterous) — Bulgan, 1200–1600 m., 5. VIII. 1965 (loc. no. 15–16); 1 ♂ (macropterous) — Bulgan, 1200–1600 m., 6. VIII. 1965 (loc. no. 17); 2 ♀♀ (macropterous) — Central aimak, Bogdoul Mountains, 2000–2250 m., 11. VIII. 1966 (loc. no. 39); 1 ♂ (brachypterous) — C. Mongolia, Uburchangaj aimak, Baga-Bogdo Mountains, 1300–1600 m., 20. VIII. 1966 (loc. no. 45).

Species recorded from Eastern Siberia. New record for Mongolia.

### **Rhyparochromus (Rhyparochromus) pini** (Linnaeus, 1758)

1 ♀ — N. Mongolia, Ulaanbaator, in the vicinity of the town, between bridge of Tola and Baga-Tenger, 28. VII. 1965 (loc. no. 6); 1 ♀ — between Zaisan and Nucht near Ulaanbaator, 30.–31. VII. 1965 (loc. no. 10–11); 3 ♂♂ and 4 ♀♀ — Bulgan, 1200–1600 m., 5. VIII. 1965 (loc. no. 15–16); 7 ♂♂ and 7 ♀♀ — Bulgan, 7. VIII. 1965 (loc. no. 18); 3 ♂♂ and 2 ♀♀ — Bajan-Agt (somon), 110 km. N. W. of Bulgan, 1400–1700 m., 8. VIII. 1965 (loc. n. 19); 2 ♀♀ — Ünt (somon), 65 km. N. W. of Bulgan, 1200–1600 m., 10. VIII. 1965 (loc. no. 21); 1 ♀ — Ünt (somon), 65 km N. W. of Bulgan, 11. VIII. 1965 (loc. no. 22); 1 ♀ — Lake Chubsugul (east shore) taiga N. E. of Chadchal, 18. VIII. 1965 (loc. no. 29); 1 ♀ — Bajan-Agt, 21.–22. VIII. 1965 (loc. no. 32–33).

Species of Palaearctic distribution, in Mongolia recorded from Burgaltai, Ulaanbaator (Horváth 1901, Josifov and Kerzhner 1967, Wagner 1967, Hoberlandt 1968) and from Somon Bajanzurch (Tola) (Wagner 1967).

### **Rhyparochromus (Panaorus) adpersus** (Mulsant and Rey, 1852)

1 ♂ — N. Mongolia, Songino near Ulaanbaator (Tola bridge), 28.–29. VII. 1965 (loc. no. 8–9); 1 ♂ and 3 ♀♀ — Bajan-Agt (somon), 110 km. N. W. of Bulgan, 1400–1700 m., 8. VIII. 1965 (loc. no. 19); 1 ♂ nad 3 ♀♀ — Ünt (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; in Mongolia recorded from Zaisan and Songino by Josifov and Kerzhner (1967) and from Ulaanbaator by Wagner (1967). From Tuva ASSR recorded by Reuter (1892).

### **Peritrechus convivus** (Stal, 1858)

1 ♂ and 1 ♀ — N. Mongolia, Ulaanbaator (Tola), 21. VII. 1965 (loc. no. 1); 3 ♂♂ and 12 ♀♀ — Ulaanbaator, Bogdo-ul Mountains, between Baga-Tenger and Zaisan, 22. VIII. 1965 (loc. no. 2); 1 ♀ — Nucht, 15 km. SSW of Ulaanbaator, 1500–1800 m., 24. VII. 1965 (loc. no. 4); 2 ♂♂ and 1 ♀ — Ulaanbaator, between bridge of Tola and Baga-Tenger, 28. VII. 1965 (loc. no. 6); 2 ♀♀ — Songino near Ulaanbaator (Tola bridge), 28.–29. VII. 1965 (loc. no. 8–9); 2 ♂♂ — between Zaisan and Nucht near Ulaanbaator, 30.–31. VII. 1965 (loc. no. 10–11).

Species of Siberian distribution; in Mongolia recorded from Zaisan, Gorchi and Nucht by Josifov and Kerzhner 1967, Ulaanbaator by Josifov and Kerzhner 1967 and Wagner 1967 and from Char-us-nur, somon Bajandalgar, Ajagin-Choncher by Wagner 1967.

### **Sphragisticus nebulosus** (Fallén, 1807)

1 ♀ — Uñt (somon), 65 km. N. W. of Bulgan, 11. VIII. 1965 (loc. no. 22).

Species of Holarctic distribution; not previously recorded from Mongolia.

### **Pterotmetus staphyliniformis** (Burmeister, 1835)

1 ♂ — N. Mongolia, Bulgan, 7. VIII. 1965 (loc. no. 18).

Species of Eurosiberian distribution; not previously recorded from Mongolia.

### **Pionosomus monochrous** Jakovlev, 1889

1 ♀ — N. Mongolia, Nucht, 15 km. S. S. W. of Ulaanbaator, 1500–1800 m., 24. VII. 1965 (loc. no. 4).

Species of Eurosiberian distribution; in Mongolia recorded only from Cencher-Somon (Wagner 1967).

### **Trapezonotus (Gnopherus) subtilis** Jakovlev, 1889

1 ♂ — N. Mongolia, Songino near Ulaanbaator (Tola bridge), 28.–29. VII. 1965 (loc. no. 8–9).

Species recorded from East Siberia and Mongolia: Orchon (Jakovlev 1893 and Josifov and Kerzhner 1967).

### **Trapezonotus (Trapezonotus) arenarius** (Linnaeus, 1758)

1 ♀ — N. Mongolia, Nucht, 15 km. S. S. W. of Ulaanbaator, 1500–1800 m., 24. VII. 1965 (loc. no. 4); 5 ♂♂ and 11 ♀♀ — Bulgan, 1200–1600 m., 5. VIII. 1965 (loc. no. 15–16); 1 ♀ — Bulgan, 1200–1700 m., 6. VIII. 1965 (loc. no. 17); 1 ♀ — Uñt (somon), 65 km. N. W. of Bulgan, 11. VIII. 1965 (loc. no. 22); 1 ♂ and 1 ♀ — Lake Chubsugul, 17. VIII. 1965 (loc. no. 28).

Species of Palaearctic distribution; not previously recorded from Mongolia.

### *Emblethis brachynotus* Horváth, 1897

1 ♀ — N. Mongolia, Nucht, 15 km. S. S. W. of Ulaanbaator, 1500–1800 m., 24. VII. 1965 (loc. no. 4); 1 ♀ — between Zaisan and Nucht near Ulaanbaator, 30.–31. VII. 1965 (loc. no. 10–11); 1 ♂ — Bajan-Agt, 21.–22. VIII. 1965 (loc. no. 32–33); 1 ♀ — Chanuj river near Bajan-Agt, 1000–1200 m., 23. VIII. 1965 (loc. no. 34); 1 ♂ — South Mongolia, South Gobi aimak, Dalan-Dzadagad somon, 20 km. S. S. W. of Cogt-Ovo, 1400–1600 m., 26. VIII. 1966 (loc. no. 51).

Species of Eurosiberian distribution; in Mongolia recorded from Chara-gol, Burgaltai, Ulaanbaator (Horváth 1901, Josifov and Kerzhner 1967) and Zaisan, Ulaanbaator (Josifov and Kerzhner 1967, Wagner 1967 and Hoberlandt 1968a).

### *Lygyrocoris sylvestris* (Linnaeus, 1758)

1 ♀ — N. Mongolia, Ulaanbaator (Tola), 1300 m., 21. VII. 1965 (loc. no. 1); 1 ♀ — between Baga-Tenger and Zaisan, North Bogdo--ul Mountains, 22. VII. 1965 (loc. no. 2); 3 ♀♀ — Nucht, 15 km. S. S. W. of Ulaanbaator, 1500–1800 m., 24. VII. 1965 (loc. no. 4); 1 ♀ — Ulaanbaator — Baga-Tenger, 26. VII. 1965 (loc. no. 6); 1 ♀ — Songino, 28.–29. VII. 1965 (loc. no. 8–9); 7 ♀♀ — between Zaisan and Nucht near Ulaanbaator, 30.–31. VII. 1965 (loc. no. 10–11); 5 ♂♂ and 9 ♀♀ — Bulgan, 1200–1600 m., 5. VIII. 1965 (loc. no. 15–16); 5 ♂♂ and 44 ♀♀ — Bulgan, 7. VIII. 1965 (loc. no. 18); 7 ♀♀ — Bajan-Agt (somon), 110 km. W. of Bulgan, 1400–1700 m., 8. VIII. 1965 (loc. no. 19); 3 ♀♀ — Uñt (somon), 65 km., N. W. of Bulgan, 1200–1600 m., 10. VIII. 1965 (loc. no. 21); 1 ♂ — Tarialan (Tarjalang) somon, between Bulgan and Muren, 13. VIII. 1965 (loc. no. 24); 1 ♀ — Lake Chubsugul, in the vicinity of Chadchal, N. of somon, 1630–1700 m., 15. VIII. 1965 (loc. no. 27); 2 ♂♂ and 3 ♀♀ — Lake Chubsugul (alpine zone), 17. VIII. 1965 (loc. no. 28); 2 ♀♀ — Lake Chubsugul, 20–25 km. N. W. of Chadchal, W. of the road Chadchal-Rinčinulchumbe, 2500 m., 18. VIII. 1965 (loc. no. 30); 2 ♂♂ and 1 ♀ — Bajan-Agt, 21.–22. VIII. 1965 (loc. no. 32–33).

Species of Holarctic distribution, recorded from Tuva ASSR and in Mongolia from Ulaanbaator (Hoberlandt 1968a).

### Cydnidae

#### *Aethus flavicornis* (Fabricius, 1794)

1 ♂ — C. Mongolia, Uburchangaj aimak, between Bulgan and Bogd somone, 40 km. somon Bogd, 1200 m., 23. VIII. 1966 (loc. no. 49).

Species occurring in South Europe, Middle Asia and South Siberia; in Mongolia recorded from numerous localities by Kerzhner 1972 and Kiritschenko and Kerzhner 1972.

#### *Adomerus notatus* (Jakovlev, 1882)

1 ♂ — N. Mongolia, Central aimak, Bogdo-ul Mountains, 2000–2250 m., 11. VIII. 1966 (loc. no. 39); 1 ♂ — Central aimak, Zaisan near Ulaanbaator, 1400 m., 1. IX. 1966 (loc. no. 56); 2 ♀♀ — Nucht, 13. IX. 1966 (Vašak coll.).

Species of Siberian distribution, occurring in West from Altai to region of Amur and Eastern China in East. In Mongolia recorded only from Ulaanbaator by Josifov and Kerzhner 1967 and Kiritschenko and Kerzhner 1972.

### Scutelleridae

#### *Phimodera dlabolai* sp. n.

Male. Length 6.2 mm., maximum width (across abdomen) 4.3 mm. Head: length 0.8 mm., width 2.1 mm., synthlipsis 1.2 mm. Antennae: length of seg-

ment I, 0.25 mm.; II, 0.3 mm.; III, 0.25 mm.; IV, 0.4 mm.; V, 0.7 mm. Pronotum: length 1.7 mm., width 3.8 mm. Scutellum: length 3.8 mm., width (anteriorly) 3.0 mm., maximum width 4.3 mm.

The body in general nearly roundish, only 1.4 times as long as broad, in posterior direction conspicuously widened, being widest in  $\frac{2}{3}$  of the body length.

Head seen from above 2.6 times as broad across eyes as long, strongly declivous, when seen from front 1.6 times as broad as high, seen from side 1.8 times

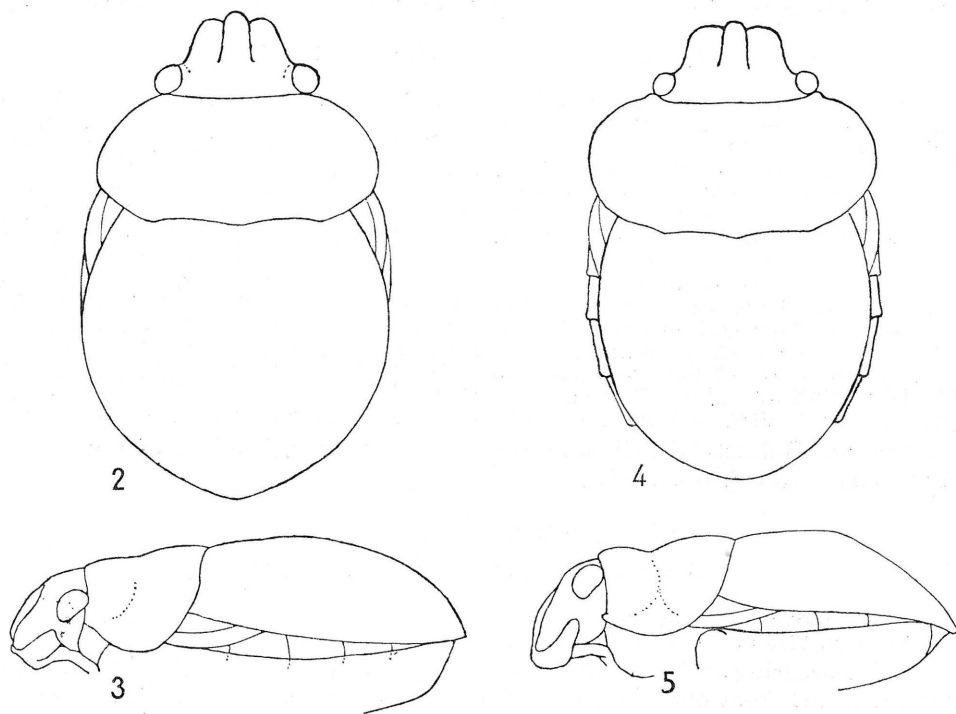


Fig. 2: *Phimodera dlabolai* sp. n. — outline of the male seen from above; fig. 3: *Phimodera dlabolai* sp. n. — outline seen from side; fig. 4: *Phimodera testudo* Jak. — outline of the male seen from above; fig. 5: *Phimodera testudo* Jak. — outline seen from side.

as high as long. Bucculae narrow roundish, posteriorly rather broadened, anteriorly convergent. Lateral margins of head nearly straight, only slightly convergent anteriorly, jugae apically broadly roundish, clypeus elevated and slightly projecting, apically obtuse. Disc of head regularly convex, jugae close to subapical part of clypeus, slightly depressed leaving the terminal arched part of clypeus more projecting than on base. Surface of head with fine dense puncturation and sparse, long, erect, curved silvery hairs, which are more conspicuous on outline of head. Eyes globular 1.4 times longer than broad, distinctly stylate and projecting posteriorly. Rostrum reaches to posterior coxae. Antennae aris-

ing below eyes near to the posterior margin of head, very slender and long, first and second segment slender, cylindrical, third segment stouter than first and second, slightly widened apically, fourth and fifth segment stoutest, spindle-like, relative lengths of antennal segments 2,5 : 3 : 2,5 : 4 : 7.

Pronotum very broad, 2,5 times as broad as long, lateral margins of the pronotum regularly rounded, only slightly narrowing in anterior direction but smoothly passing into anterior as well as into posterior broadly rounded pronotal angles. Anterior pronotal margin straight, posterior margin at the level of scutellum moderately wavy. Disc of pronotum moderately convex, anteriorly rather declivous. Surface of the pronotum finely and rather dense regularly, but not very conspicuously punctured. Dics of the pronotum in anterior third with a distinct transverse impression, on each side with a subtriangular sulcous cicatrice. Lateral margins of pronotum with sparse very fine erect hairs 0.15–0.175 mm long. Scutellum 1.13 times as broad as long, in general shape nearly roundish, anterior scutellar margin 0.7 times as broad as maximum width of scutellum, terminal part of scutellum not so regularly rounded and very moderately projecting; disc of scutellum distinctly and regularly arched, close to pronotal margin rather plain, with a slight indication of a callosity projecting posteriorly in a short obsolete medial carina, lateroanteriorly slightly depressed; scutellar disc posteriorly slightly declivous. Surface of the scutellum with fine dense puncturation similar to that of the pronotum. Corial visible margin of hemelytra rounded, slightly projecting over maximum width of pronotum, lateral margins with similar hairs as on pronotal margins.

Legs very short, stout; femora very short, not visible when seen from above, cylindrical with long sparse fine erect hairs, coxae with rather dense erect long pale hairs, trochanters with sparse erect hairs and with very small obsolete tubercle. Tibiae anteriorly depressed, basally sinuate, with numerous short stout spines and very sparse and long erect hairs, mainly on base of tibiae; tarsi of thickness equal to tibiae, with long bristles, third tarsal segment of hind legs as long as first and second segment together.

Abdomen below strongly convex, with dense, rather regular and distinct puncturation and with sparse long fine erect hairs which are of the same length as those on pronotum and additionally with rather dense very short erect pubescence. Lateral connexival margins rather straight, posterior corners not conspicuously projecting and not visible from above.

9th male abdominal segment perpendicularly terminated, above on each side, with fine transverse impression. Puncturation of the 9th male abdominal segment similar to that of the whole abdomen.

Colour of the body in general unicolorous pale yellowish. Antennae black, first and second antennal segments proximally and distally yellowish, third segment distally and fourth segment proximally yellowish, fifth segment entirely black. Rostrum yellow, third and fourth segment blackish. Borders of head and sutures of clypeus narrowly darkened, eyes brown; borders of pronotum and corial margin darkened; puncturation of upper surface pale brownish, puncturation of lower surface blackish, sutures of ventral segments rather darkened. Acetabula darkened, coxae yellowish with darkened margin, trochantera dark spotted; femora black and yellowish marbled, tibiae distinctly darkened, proximally with distinct blackish stripes, tarsi darkened; spines on tibiae dark brown, hairs on borders of pronotum, corium, legs and below silvery.

1 ♂ (holotype) — South Mongolia, South Gabi aimak, Dalan-Dzadagad somon 80 km. W. of the town, 1400–1600 m., and 20 km. S. S. W. near to Cogt-Ovo, 26. VIII. 1966 (loc. no. 51). In the collections of the Department of Entomology of National Museum, Praha.

The new species is closely allied to another very little known Mongolian species *Phimodera testudo* Jakovlev, however it differs in having unicolours pale yellow body whilst in *Phimodera testudo* Jakovlev the body is pale yellowish brown with small disperse irregular black spots on head, pronotum, corium and scutellum. Upper surface of the body in the new species is not differentiated whilst in *Phimodera testudo* Jak. the upper surface of the body is characterized by numerous impressions and depressions, mainly by a conspicuous transverse impression in front to the middle of pronotal disc as well as on anterior part of scutellum. Hairs on the border of head, pronotum and corium of *Phimodera dlabolai* sp. n. are distinctly longer being 0.15–0.175 mm long whilst similar hairs in *Phimodera testudo* Jak. are only 0.05–0.063 mm. long. Tibiae of the new species with numerous stout spines and very sparse and long erect hairs, mainly on base of tibiae, whilst in *Phimodera testudo* Jak, the tibiae are without spines but with denser hairs. Venter of the new species with sparse long erect hairs and with rather dense, very short, erect pubescence whilst in *Phimodera testudo* Jak. the venter has only one type of hairs, rather dense and not extremely long, suberect.

I examined one male of *Phimodera testudo* Jakovlev from Mongolia, E. of Ulaanbaator (Urga), Shara-Sharotuj, collected by Klemnc, 14. VIII. 1967 (Zoological Institute, Academy of Sciences, Leningrad).

#### Pentatomidae

##### **Sciocoris (Aposciocoris) placidus** Jakovlev, 1903

1 ♀ — N. Mongolia, Nucht, 15 km. S. S. W. of Ulaanbaator, 1500–1800 m., 24. VII. 1965 (loc. no. 42).

Species of Siberian distribution, in Mongolia recorded from numerous localities by Wagner 1965, Josifov and Kerzhner 1967, Hoberlandt 1968b and Kiritshenko and Kerzhner 1972.

##### **Dymantis ellipticus ellipticus** (Herrich Schaeffer, 1840)

1 ♀ — N. Mongolia, Uburchangaj aimak, vicinity of Arbaj-Chere near Tacyn-Caganur, 1800–2100 m., 15.–16. VIII. 1966 (loc. no. 4); 1 ♂ — Nucht, 13. IX. 1966 (Vašák coll.).

Species occurring in Soviet Central Asia and North China. In Mongolia recorded from numerous localities by Horváth 1903, Hoberlandt 1968a, 1968c, Kerzhner 1972 and Kiritshenko and Kerzhner 1972.

##### **Aelia klugi** Hahn, 1831

1 ♀ — N. Mongolia, Central aimak, Zaisan, 1400–2000 m., 9. VIII. 1966 (loc. no. 38).

Species of Eurosiberian distribution; in Mongolia recorded from numerous localities by Wagner 1967 and Kiritshenko and Kerzhner 1972.



### **Carpocoris coreanus iranus** Tamanini, 1953

1 ♂ — S. Mongolia, South Gobi aimak, Gurban-Sajchan Mountains, 1600–2000 m., 24.–25. VIII. 1966 (loc. no. 50).

Species distributed in the Mediterranean, Middle East and Central Asia. In Mongolia recorded from numerous localities by Wagner 1967 and Kiritschenko and Kerzhner 1972.

### **Eurydema gebleri** Kolenati, 1856

1 ♂ and 1 ♀ — N. Mongolia, Ulaanbaator, N. N. W. of the town, 25. VII. 1965 (loc. no. 5).

Species recorded from Easternmost Europe and distributed through Siberia and Kazakhstan as far as to the Far East. In Mongolia seems to be very common and is recorded by Stichel 1962, Wagner 1967, Hoberlandt 1968a, 1968b, 1968c and Kiritschenko and Kerzhner 1972.

### **Eurydema fieberi** Fieber, 1836

1 ♀ — N. Mongolia, Uburchangaj aimak, vicinity of Arbaj-Chere near Tacyn-Caganur, 1800–2100 m., 15.–16. VIII. 1966 (loc. no. 42).

Species of rather West-Palaeartic distribution. From Mongolia recorded by Kiritschenko and Kerzhner 1972.

### **Pentatoma rufipes** (Linnaeus, 1758)

1 ♀ — N. Mongolia, Nucht, 15 km. S. S. W. of Ulaanbaator, 1500–1800 m., 24. VII. 1965 (loc. no. 4); 1 ♂ — Central aimak, Zaisan, 1400–2000 m., 9. VIII. 1966 (loc. no. 38).

Species of forest zone of the Palaeartic and in Mongolia recorded from numerous localities by Wagner 1967, Josifov and Kerzhner 1967, Hoberlandt 1968b and 1968c and Kiritschenko and Kerzhner 1972.

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