

## Hemiptera of Iraq. V. Heteroptera, Lygaeidae

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An annotated list is presented of the 102 species of Lygaeidae known to occur in Iraq.

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Very few records have been published on the Lygaeidae fauna of Iraq (Hoberlandt 1949, 1953, Linnavuori 1984, 1990, Seidenstücker 1960). A list of 102 species is published below, based on material I collected in 1979–1981 in Iraq. From the zoogeographical point of view a strong penetration of the Mediterranean element into the steppe and mountain regions of northern Iraq is noticeable. This region also has numerous species of Syrio-Anatolian or Irano-Turanian origin. The fauna of the semidesert and desert zone resembles that of the adjacent parts of Saudi Arabia, although many species typical to the main parts of the Arabian deserts seem to be absent, undoubtedly owing to differences in climatic and edaphic factors.

The material collected is the property of the American Museum of Natural History, but at present is kept in the author's collection. Some material preserved in the Plant Protection Department of the Ministry of Agriculture (AG), Abu Ghraib, Iraq, is also included. The material is presented in the following order: number of specimens, collection locality, and the date; if no collector is mentioned, the material has been collected by me. Possibly notes on collecting habitats and/or methods, and finally remarks on the general distribution of each taxon are also given.

### Lygaeinae

*Lygaeus equestris* (Linnaeus, 1758)

Many exx from Aqra, 28.VIII.1980; Jabal Sinjar,

14.XI.1979, 8.V.1981; Qora, 16.XI.1979; Rashidiya, 8.VI.1981; Zawita, 15.XI.1979; Duhok, 17.III.1944, M. Hassan; Mosul, 1.XII.1961, S. Al-Safar; Sardoor, 13.XI.1965, J. Alani; Shaqlawa, 22.I.1968, collector unknown; Sulaymaniya, 27.I.1968, Ronak; Zakho, 29.IX.1952, S. Alyasiri, in coll. AG (Abu Ghraib); Bishapur (Hoberlandt 1949:3). — On hilly steppes of northern Iraq. — Euro-Siberian.

Note: *L. equestris* v. *murinus*, recorded from Shaqlawa by Hoberlandt (1953:378), undoubtedly refers to dark specimens of *L. equestris*. The genuine *L. murinus* Kiritshenko, 1913, is, according to Winkler & Kerzhner (1977), a valid species, which occurs in Middle and Central Asia.

*Lygaeus creticus* Lucas, 1854

3 exx Abu Ghraib, 19.IX.1967, J. Khalil; 2 exx Baghdad, 25.XI.1964, I. Gorgis; 1 ex Mansur, 21.XI.1964, N. Babik, in coll. AG. — Pontomediterranean; recorded from Iraq (Stichel 1959:311).

*Spilostethus saxatilis* (Scopoli, 1763)

Many exx from Qora, 16.XI.1979; Amadia, 24.IX.1956, A. Isa; Grdelle, 27.III.1944, Y. Fathi; Sandoor, 7.X.1967, F. Matti; Sulaymaniya, 12.IV.1954, collector unknown, in coll. AG. Also recorded from Bishapur and Shaqlawa (Hoberlandt 1949:3, 1953:379). — On hilly habitats of northern Iraq. — Earlier known from Europe.

*Spilostethus pandurus* (Scopoli, 1763)

Many exx from Rutba-Al Qaim, 5.V.1980; Sinjar,

14.XI.1979; Abu Ghraib, 4.VII.1966, collector unknown; Ana, 9.V.1958, S. Ebraheem; Falluja, 21.VI.1966, collector unknown; Heet, 10.III.1958, S. Alyasiri; Nasiriya, 5.XI.1968, J. Alani; Kani Khesman, 10.III.1944, S. Hassan; Ramadi, 9.III.1958, Younis; Rutba, 16.IV.1969, J. Alani, coll. AG. Shaqlawa (Hoberlandt 1953:380). — In sandy habitats and fields. — Palearctic.

*Melanocoryphus tristrami* (Douglas & Scott, 1868)

1 ex Abu Ghraib, 11.I.1961, Haidari, in coll. AG. — Pontomediterranean; recorded from Iraq (Stichel 1959:313).

*Horvathiolus syriacus* (Reuter, 1885)

1 ex Shaykh Addi, 11.V.1981; several exx from Chenchend, 26.I.1968, collector unknown; Neneva, 10.XI.1965, collector unknown; Sulaymaniya, 16.IV.1968, Ronak, in coll. AG. — On steppes in northern Iraq. — Irano-Turanian.

*Horvathiolus kiritshenkoi* Josifov, 1965

1 ex Abu Ghraib, 11.XI.1969, M. Younis; 1 ex Mosul, 15.XI.1967, S. Al-Safar, in coll. AG. — Caucasian, recorded from Armenia, Turkey and SW Iran.

*Apterola lowni* (Saunders, 1876)

1 ex Darbandikhan, 13.V.1980; 1 ex Al Qosh, 17.XI.1979; 2 exx Salahuddin, 16.XI.1979; 1 ex Shah Razoore, 6.XI.1961, Haidar. — On hilly habitats in northern Iraq. — Pontomediterranean.

*Lygaeosoma reticulatum* (Herrich-Schaeffer, 1838)

5 exx Al Qosh, 10.V.1981; Shaqlawa (Hoberlandt 1953:380). — On hilly steppes of northern Iraq. — Holomediterranean, with a wide range in Central Europe and Central Asia.

*Lygaeosoma anatolicum* Seidenstücker, 1960

2 exx Al Kabaish, 27–28.VI.1980; Mukdadia (Seidenstücker 1960:8). — Under plants in a clayey habitat. — Anatolian, recorded from Turkey and Iraq.

*Lygaeosoma parvulum* Kiritshenko, 1914

1 ex Ana, 10.IV.1981; 1 ex Najaf-Shabakah, 23.VI.1981; Haditha (Seidenstücker 1960:7). — Under plants in dry habitats. — Irano-Turanian.

**Orsillinae**

*Nysius (Macroparius) graminicola* (Kolenati, 1846)

= *Nysius (Macroparius) graminicola karaganus* Hoberlandt 1949:3–7.

Numerous exx from Ana-Al Qaim, 5.V.1980; Aqra, 29.VIII.1980; Ash Sharqat, 7.IV.1980; Baghdad, VI–VII.1980; Dawra, 15.IX.1979; Dukan, 12.VI.1981; Falluja, 5.X.1979; Haditha-Tikrit, 6.V.1980; Al Hadr, 6.V.1981; Hilla, 21.IX.1979; Jebel Sinjar, 14.XI.1979; Muhammadi, 8.X.1979; Penjwin, 11.VI.1980; Al Qosh, 10.V.1981; Rashidiya, 8.VI.1981; Rawah-Al Hadr, 6.V.1981; Rutba-Al Qaim, 8–9.III.1980; Samawa, 21.X.1979; Shaqlawa, 16.XI.1979; Shaykh Addi, 15.XI.1979; Tharthar lake, 20.X.1980; Wadi Mandali, 29.IX.1979; Karagan near Hanekin, Djebel Hamrin (Hoberlandt 1949:5). — Very common in semideserts, steppes and fields. — Holomediterranean.

Note: *N. graminicola karaganus*, based on two females with an unusually broad pronotum, fits within the variation of *N. graminicola*, and is not a distinct subspecies.

*Nysius (Macroparius) cymoides* (Spinola, 1837)

Numerous exx from Amara, 23–24.X.1979; Ana, 8.X.1979; Ana-Al Qaim, 9.X.1979; Baghdad, V–VII.1980; Al Hadr, 6.V.1981; Khan Ruhaba, 24.VI.1981; Khorsabad, 11.V.1981; Najaf-Shabakah, 23.VI.1981; Al Qosh, 10.V.1981; Rutba-Al Qaim, 9.IV.1981; As Salman, 18.IV.1980; As Salman-Shabakah, 4.IV.1981; Sarsang, 25–28.VIII.1980; Sinjar, 14.XI.1979; Sinoni, 8–9.V.1981; Waqisah, 1.V.1980. — Very common in semideserts, steppes and fields. — Holomediterranean.

*Ortholomus jordani* Hoberlandt, 1953

1 ex Shaykh Addi, 11.V.1981; Shaqlawa (Hoberlandt 1953:382). — On a hilly steppe. — Endemic.

*Camptocoris longicornis* (Puton, 1874)

Several exx from Ana, 8.X.1979; Baghdad, IV–VIII.1980; Falluja, 5.X.1979; Al Hadr, 6.V.1981; Najaf-Shabakah,

23.VI.1981; Rutba-Al Qaim, 9.IV.1981; As Salman, 18.IV.1980; Shabakah-Waqisah, 5.IV.1981; Waqisah, 5.IV.1981. — Eremian, extending from North Africa to Middle Asia.

*Camptocoris typus* (Distant, 1918)

= *Camptocoris lindbergi* Wagner 1958:44 (Linnavuori & Al-Safadi 1993: 14–15).

4 exx Brozah, 13.V.1981; 1 ex Al Hadr, 6.V.1981; 2 exx Al Qosh, 10.V.1981; 3 exx Sarsang, 26–28.VIII.1980; 1 ex Shaykh Addi, 11.V.1981; Ash Sharqat, 7.IV.1980. — On steppes of northern Iraq. — Palearctic; widely distributed in Africa, Yemen, and India.

**Cyminae**

*Cymus clavicolus* (Fallén, 1807)

1 ex Dukan, 11.VI.1980; 2 exx Halabja, 11.VI.1980. — On Cyperaceae and Juncaceae in damp habitats. — Euro-Siberian.

*Cymus minutus* Lindberg, 1938

Several exx from Ana, 8.X.1979; Baghdad, IV–V.1980; Jalula, 27.XI.1979; Al Kabaish, 27–28.VI.1980; Karbala-Ain Al Tamar, 20.X.1979; 50 km S Mosul, 13.XI.1979; Al Qaim, 10.X.1979; Al Salman-Samawa, 6.III.1980; Shaykh Addi, 11.V.1981. — On Cyperaceae and Juncaceae in damp habitats; on *Scirpus littoralis* at Al Qaim. — From North Africa to Iran and Middle Asia.

*Cymus melanocephalus* Fieber, 1861

1 ex Aqra, 29.VIII.1980; 1 ex Halabja, 11.VI.1980. — Habitats similar to those of the previous species. — Holomediterranean, extending to Central Europe and Middle Asia.

**Blissinae**

*Ischnodemus caspius* Jakovlev, 1871

3 exx Abu Ghraib, 18.V.1953, A. Derwish; several exx Basra, 25–29.V.1980, Haifa'a M. Jalal, in AG; numerous exx Al Kabaish, 26–28.VI.1980. On *Typha*, attracted to lamps. Very common in the marshes of Al Kabaish. — Pontomediterranean.

*Dimorphopterus blissoides* (Bärensprung, 1859)

1 ex Shaykh Addi, 11.V.1981. — On a hilly steppe in northern Iraq. — Pontomediterranean.

**Henestarinae**

*Henestaris laticeps* (Curtis, 1836)

= *Henestaris curtulus* Horv th, 1910 (Péricart 1992:253).  
= *Henestaris cypriacus* Wagner, 1949 (Péricart 1992:253).  
= *Henestaris oboussierae* Wagner, 1954 (Péricart 1992:253).  
2 exx Ain Al Tamar-Ramadi, 20.IV.1980. — On halophytes in a salt marsh. — Holomediterranean.

*Engistus exsanguis* Stål, 1873

Numerous exx from Amara, 23–24.X.1979; Ana-Al Qaim, 5.V.1980; Brozah, 13.V.1981; Hilla, 21.IX.1979; Karbala-Ain Al Tamar, 20.X.1979; Khan Ruhabah, 6.IV.1981; Muhammadi, 8.X.1979; Nasiriya-Abu Ghar, 15.IV.1980, 31.III.1981; Nukhayb- km 160, 8.IV.1981; Al Qaim, 10.X.1979; Rawah-Al Hadr, 6.V.1981; Razaza lake, 24.VI.1981; Rutba-Al Qaim, 8–9.III.1980; As Salman, 5.III.1980; As Salman-Shabakah, 4.IV.1981; Sawa lake, 21.X.1979; Tharthar lake, 2.VI.1980; Wadi Mandali, 29.IX.1979. Kuwait: Al Jahra, 17.III.1981. — On halophytes in sandy habitats and salt marshes. — Eremian.

**Geocorinae**

*Geocoris (Piocoris) erythrocephalus* (Le Peletier & Serville, 1825)

Many exx from Aqra, 29.VIII.1980; Brozah, 13.V.1981; Jebel Sinjar, 14.XI.1979, 8.V.1981; Al Qosh, 17.XI.1979; Shaykh Addi, 11.V.1981; Sinoni, 8–9.V.1981. Bishapur (Hoberlandt 1949:7). — Common in hilly scrubland in northern Iraq. — Holomediterranean.

*Geocoris (Piocoris) quercicola* Linnavuori, 1962

Several exx from Aqra, 29.VIII.1980; Dokan, 12.VI.1980; Jebel Sinjar, 14.XI.1979, 8.V.1981. — On *Quercus aegilops* in northern Iraq. — Previously known from Israel

*Geocoris (Piocoris) luridus* (Fieber, 1844)

Many exx from Ana-Al Qaim, 9.X.1979, 5.V.1980; Baghdad, 23.IX.1979; Brozah, 13.V.1981; Busayah-As Salman, 2.IV.1981; Darbandikhan, 13.V.1980; Dawrah, 15.IX.1979;

Hit, 8.X.1979; Penjwin, 11.VI.1980; Al Qaim, 10.X.1979; Samawa, 21.X.1979; Khan Ruhabah, 6.IV.1981; Tharthar lake, 20.X.1980. — On *Tamarix*. — Eremian, extending from North Africa to Turkestan. Recorded from Iraq (Stichel 1959:321).

*Geocoris (Geocoris) erythropros* (Dufour, 1857)

= *Geocoris scutellaris* Puton, 1866 (Péricart & Ribes 1992:79).

Many exx from Ain Al Tamar, 17.VII.1980; Baghdad, IV–VI.1980; Khan Ruhabah, 24.VI.1981; Najaf-Shabakah, 23.VI.1981; Nasiriya-Abu Ghar, 15.IV.1980; Nukhayb-km 160, 3.V.1980; Rawah-Al Hadr, 6.V.1981; As Salman-Shabakah, 4.IV.1981; Tharthar lake, 2.VI.1980; Waqisah, 1.V.1980. Shaqlawa (Hoberlandt 1953:379). — Under plants in desert habitats and fields. — Eremian, extending from North Africa to Iraq.

*Geocoris (Geocoris) pallidipennis* (Costa, 1843)

Several exx from Baghdad, IV–VI.1980; Dawrah, 15.IX.1979; Al Hadr, 6–7.V.1981; Rutba-Al Qaim, 8–9.III.1980. — Under plants in fields and desert habitats. — Paletropical.

*Geocoris (Geocoris) megacephalus* (Rossi, 1790)

2 exx Aqra, 29.VIII.1980; 1 ex Penjwin, 11.VI.1980; 1 ex Salahuddin, 16.XI.1979. — Under plants in hilly steppes of northern Iraq. — Holomediterranean.

*Geocoris (Geocoris) pubescens* (Jakovlev, 1871)

5 exx Baghdad, 23.IX.1979; 1 ex Al Kabaish, 27–28.VI.1980. — Under plants in dry habitats. — Eremian, extending from N Africa to Middle Asia.

*Geocoris (Geocoris) fedtshenkoi* Reuter, 1885

Many exx from Al Amara, 23–24.X.1979; Ana-Al Qaim, 5.V.1980; Baghdad, IV–V.1980; Razaza lake, 20.X.1979; Tharthar lake, 2.VI and 20.X.1980. Syria: several exx Raqqa-Deir es Zor, 11.VIII.1979. — On grasses in moist habitats. — Irano-Turanian; also known from Saudi Arabia.

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

1 ex Brozah, 13.V.1981; 1 ex Dukan, 12.VI.1980. Syria: 2

exx Raqqa-Deir es Zor, 11.VIII.1979. — Under plants in hilly steppes of northern Iraq. — Euro-Siberian.

*Geocoris (Geocoris) ningal* Linnavuori, 1984

Holotype ♂ Abu Ghar-Busaya, 1.IV.1981; paratype ♀ Khan Ruhabah, 24.VI.1981, in coll. Linnavuori. — On *Zilla spinosa* and *Zizyphus* sp. in sandy habitats. — Endemic.

*Geocoris (Geocoris) collaris* Puton, 1878

Several exx from Hilla, 21.IX.1979; Razaza lake, 20.X.1979; Sawa lake, 20.X.1979; Tharthar lake, 20.X.1980. — On halophytes such as *Suaeda pruinosa* in saline habitats. — Eremian, extending from North Africa to the Arabian Peninsula and Iraq.

*Geocoris (Eilatus) chloroticus* Puton, 1888

= *Geocoris nigriceps* Reuter, 1891 (Péricart & Ribes 1992:79).

3 exx Amara, 23–24.X.1979; 1 ex Baghdad, IV–V.1980; 3 exx Najaf-Shabakah, 23.VI.1981; 2 exx Tharthar lake, 5.X.1979. — On *Zygophyllum* and other plants in sandy habitats. — Eremian, extending from North Africa through the Arabian peninsula to Central Asia.

*Geocoris (Eilatus?) marduk* Linnavuori, 1984

Holotype ♂ and 5 paratypes Al Hillah, 21.IX.1979, in coll. Linnavuori. — On halfa grass (*Desmostachya bipinnata*) in a sandy habitat. — Endemic.

**Artheneinae**

*Artheneis hyrcanica* (Kolenati, 1845)

Several exx Halabja, 11.VI.1980. — On *Tamarix* on the shore of Darbandikhan lake. — Caucasian, recorded from Astrakhan, Caucasia, Turkey, and Turkestan.

*Artheneis turangae* Kerzhner (in press)

2 exx Baghdad, VI–VII.1980; many exx Dawra, 15.IX.1979. — At Dawra found on *Solanum dulcamara* in a forest of *Populus euphratica*. Kerzhner (pers. comm.) reported the species from *Populus* sp. — Previously known from Middle Asia.

*Artheneis deserticola* Kerzhner (in press)

Many exx from Baghdad, VI.VII.1980; Tharthar lake, 2.VI.1980. — On *Tamarix*. — Irano-Turanian, known from Middle Asia, Iran and Saudi Arabia.

*Artheneis aegyptiaca* Lindberg, 1939

1 ex Dawra, 15.IX.1979. — On *Tamarix*. — Eremian, extending from North Africa to Iraq.

*Artheneis balcanica* (Kormilev, 1938)

1 ex Al Qosh, 25.VIII.1980; 1 ex Sinjar, 7.V.1981. — Pontomediterranean, known from the Balcan Peninsula.

*Artheneidea tenuicornis* Kiritschenko, 1914

Numerous exx from Baghdad, VI–VII.1980; Khan Ruhabah, 24.VI.1980; Tharthar lake, 2.VI.1980. — On *Tamarix*. — Irano-Turanian, extending from Egypt to Middle Asia.

*Holcocranum diminutum umbrinum* Linnavuori, 1984

Holotype ♂ Baghdad, VI–VII.1980; 2 paratypes Bawa Nur, 10.V.1980; 1 paratype Halabja, 11.VI.1980; 1 paratype Tharthar lake, 2.VI.1980, in coll. Linnavuori. — On *Salix* sp. At Tharthar lake found on *Tamarix*. — Endemic; the nominate subspecies, *H. diminutum diminutum* Horváth, 1898, known from Middle and Central Asia.

*Holcocranum saturejae* (Kolenati, 1845)

= *Holcocranum bergevini* Poppius, 1912 (Péricart, 1994) ricart, 1994)  
= *Holcocranum karumense* Bergevin, 1913 (Péricart, 1994)  
1 ex Baghdad, IX.1979; several exx Al Kabaish, 27–28.VI.1980; 1 ex Safwan, 25.VI.1980; 1 ex Samawa, 21.X.1979. — On *Typha*; attracted to lamps. — Holomediterranean.

**Pachygronthinae***Cymophyes ochroleuca* Fieber, 1870

1 ex Falluja, 5.X.1979; 6 exx Hilla, 21.IX.1979; 1 ex Al

Kabaish, 27–28.VI.1980; 1 ex Sawara Tuka, 28.VII.1980; 2 exx Shaykh Addi, 11.V.1981; 1 ex Sinjar, 14.XI.1979. — On grasses in steppes, shores and edges of fields. — Pontomediterranean, also known from Egypt, Israel, Yemen, Saudi Arabia, and Middle Asia.

*Cymophyes essabchana* Seidenstücker, 1953

Many exx from Baghdad, IX.1979; Brozah, 15.V.1981; Hilla, 21.IX.1979; Karbala-Ain Al Tamar, 20.X.1979; Rawah-Al Hadr, 6.V.1981; Sawa lake, 21.X.1979; Tharthar lake, 5.X.1979. — Habitats as those of the preceding species. — Eremian, known from Syria and Saudi Arabia.

**Heterogastrinae***Heterogaster artemisiae* Schilling, 1829

1 ex Shaqlawa, 27.II.1967, J. Safar, in coll. AG. — Holomediterranean.

**Oxycareninae***Jakowleffia inanna* Linnavuori, 1984

Holotype ♂ Ain Al Tamar-Ramadi, 20.IV.1980, in coll. Linnavuori. — On *Suaeda vermiculata* in a salt marsh. — Endemic.

*Leptodemus minutus* (Jakovlev, 1874)

Many exx from Ain Al Tamar, 17.VII.1980; Aqra, 9.VIII.1980; Baghdad, V–VIII.1980; Falluja, 5.X.1979; Jebel Sinjar, 8.V.1981; Najaf-Shabakah, 23.VI.1981; Nasiriya-Abu Ghar, 29.VI.1980; Nukhaib- km 160, 6.IV.1981; Al Qosh, 10.V.1981; Rutba-Al Qaim, 9.IV.1981; As Salman-Samawa, 16.IV.1980; As Salman-Shabakah, 4.IV.1980; Shaykh Addi, 11.V.1981; Tharthar lake, 23.VIII.1979; Ukhaidir-Nukhaib, 7.IV.1981; Waqisah, 10.IV.1981. — Under plants in steppes and semideserts. — Eremian, extending from North Africa to the Arabian Peninsula and Middle Asia.

*Leptodemus bicolor* Lindberg, 1924

1 ex Darbandikhan, 13.V.1980; 1 ex Al Hadr-Sinjar, 7.V.1981; 1 ex Kuysanjag-Irbil, 12.VI.1980; 2 exx Al Qosh, 17.XI.1979; several exx Sawarah Tuka, 28.VIII.1980. — On grasses in dry habitats. — Eremian, extending from Egypt and Cyprus to Middle Asia.

*Microplax interrupta* (Fieber, 1836)

Many exx from Ash Sharqat, 7.IV.1980; Bawa Nur, 10.VI.1980; Darbandikhan, 13.V.1980; Al Hadr, 6.V.1981; Jebel Sinjar, 14.XII.1979; Khan Ruhabah, 24.VI.1981; Najaf-Shabakah, 23.VI.1981; Al Qosh, 17.XI.1979; Salahuddin, 13–14.VI.1980; Shaykh Addi, 11.V.1981. — On semideserts, steppes and hilly habitats in central and northern Iraq. — Holomediterranean.

*Microplax limbata* Fieber, 1864

Several exx from Darbandikhan, 13.V.1980; Dukan, 12.VI.1980; Salahuddin, 13–14.VI.1980; Shaykh Addi, 11.V.1981. — On hilly steppes in northern Iraq. — Syrio-Anatolian.

*Oxycarenus hyalinipennis* (Costa, 1847)

2 exx Dawra, 15.IX.1979; 1 ex Falluja, 5.X.1979; 2 exx Rashidiya, 8.VI.1981; 1 ex Samawa, 21.X.1979. — On Malvaceae, such as *Abutilon*. — Cosmopolitan in warm regions.

*Oxycarenus pallens* (Herrich-Schaeffer, 1850)

Many exx from Aqra, 9.VIII.1980; Brozah, 13.V.1981; Darbandikhan, 13.V.1980; Dukan, 12.VI.1980; Al Hadr-Sinjar, 7.V.1981; Halabja, 11.IV.1980; Jebel Sinjar, 8.V.1981; Khorsabad, 11.V.1981; Penjwin, 11.VI.1980; Al Qosh, 10.V.1981; Rawah-Al Hadr, 6.V.1981; Salahuddin, 13–14.VI.1980; Shaykh Addi, 11.V.1981; Sinjar, 7.V.1981; Sinoni, 8–9.V.1981. — On steppes and hilly habitats in northern Iraq. — Holomediterranean.

*Macroplax fasciata* (Herrich-Schaeffer, 1835)

Recorded from Bishapur (Hoberlandt 1949:7). — Holomediterranean.

*Macroplax blancae* Hoberlandt, 1943

Holotype ♂, allotype ♀, 1 paratype ♂, Shaqlawa, Kalalova-Di Lotti, in the National Museum in Prague. My material: 1 ex Dukan, 12.VI.1980. — On a hilly steppe in northern Iraq. — Also known from Iran.

*Auchenodes utu* Linnavuori, 1984

Holotype ♂ near Salahuddin, 13–14.VI.1980, in coll. Linnavuori. — On xerophytes on a dry hill slope. — Also

known from the Asir Province in Saudi Arabia.

*Barberocoris astragali* Linnavuori, 1984

Holotype ♂ and many paratypes Nograd Salman, 3.IV.1981; 1 paratype Ana, 10.IV.1981; 6 paratypes Rutba-Al Qaim, 9.IV.1981, in coll. Linnavuori. — On *Astragalus spinosus* on stony banks of small wadis and slopes of hills. — Also known from Iran.

**Bledionotinae***Bledionotus systellonotooides* Reuter, 1878

Many exx Al Qosh, 17.XI.1979, 25.VIII.1980. — Among herbs such as *Parietaria* on precipices of a mountain valley. The specimens were found together with a small red ant species. — Irano-Turanian, recorded from Syria, Turkey, Afghanistan, Turkestan, and Tadzhikistan.

**Rhyparochrominae****Phasmosomini***Phasmosomus araxis* Kiritshenko, 1938

1 ex. Al Qosh, 10.V.1981. Shaqlawa (Hoberlandt 1953:377). — Under an unidentified Leguminosae plant on top of a small hill in northern Iraq. — Iranian, known from Caucasia, Iran, Iraq, and Afghanistan.

*Phasmosomus priesneri* (Wagner, 1958)

= *Marmottania priesneri* Wagner 1958:469–471.

= *Phasmosomus priesneri*, Linnavuori 1994:59.

= *Phasmosomus hoberlandti* Kiritshenko 1963:376 (Linnavuori 1994:59).

3 exx Sarsang, 27–28.VIII.1980. — Collected at lamp in a hilly habitat with *Quercus* and other deciduous trees and abundant herbaceous vegetation. — Iranian, known from Iran and Afghanistan, an isolated range in the Sinai Peninsula and the adjacent parts of the Negev Desert in Israel. Note: Possibly only macropterous form of *P. araxis*.

**Plinthisini***Plinthisus longicollis* Fieber, 1861

1 ex Al Qosh, 10.V.1981; 3 exx Salahuddin, 16.XI.1979. — Among detritus in a planted *Cupressus* and *Pinus* forest

in northern Iraq. — Holomediterranean.

Pontomediterranean.

### **Stygnocorini**

*Acompus rufipes* (Wolff, 1804)

Iraq (Stichel 1959:330). — Euro-Siberian.

*Lethaeus lethierryi* (Puton, 1869)

1 ex Ana, 8.X.1979; numerous exx Abu Ghuraib, 28.XI.1955, M. Alrawi (AG). — Collected at lamp. — Eremian.

*Stygnocorisella mayeti* (Puton, 1879)

1 ex Baghdad, IV–V.1980. — Collected at lamp. — Pontomediterranean.

*Camptocera glaberrima* (Walker, 1872)

Numerous exx from Ain Al Tamar, 17.VII.1980; Al Amara, 23–24.X.1979; Ana, 8.X.1979; Baghdad, IV–VII.1981; Haditha, 13.VIII.1979; Mosul, 28.VIII.1980; Najaf-Shabakah, 23.VI.1981; Sarsang, 26–28.VIII.1980; Tharthar lake, 23.VIII.1979; Basra, 7.VII.1968, M. Kareem (AG). — Collected at lamps. — Eremian.

*Hyalochilus fasciatus* Linnavuori, 1984

Holotype ♂, many paratypes Al Qosh, 17.XI.1979; 2 paratypes Aqra, 12.V.1981, in coll. Linnavuori. — Among herbs such as *Parietaria* on precipices of mountain valleys. — Endemic.

### **Drymini**

*Scolopostethus affinis* (Schilling, 1829)

3 exx Shaykh Addi, 15.VII.1979. — In a mountain valley with rich vegetation. — Euro-Siberian.

### **Antillocorini**

*Tropistethus lanternae* Linnavuori, 1960

Several exx Sarsang, 26–27.VIII.1980. — Collected at lamp in a hilly habitat with *Quercus* and other deciduous trees and abundant herbaceous vegetation. — Syrio-Anatolian.

### **Myodochini**

*Remaudiereana annulipes* (Bärensprung, 1859)

Many exx from Ain Al Tamar, 17.VII.1980; Baghdad, IV–VII.1980; Al Kabaish, 27–28.VI.1980; Nasiriya, 22.X.1979; Tharthar lake, 31.V.1981; Abu Ghuraib, 2.VI.1958, A. Isa; Baquba, 15.VII.1980, Haifa'a M. Jalal; Basra, 13.VII.1968, M. Kareem (AG). — Under plants in gardens, fields and shores. — Holomediterranean, with a wide range in Africa and Oriental Region.

### **Lethaeini**

*Lethaeus picipes* (Herrich-Schaeffer, 1850)

Numerous exx Sarsang, 26–28.VIII.1980; 2 exx Shaqlawa, 5.VIII.1971, Hadi (AG). — Collected at lamp in the same habitat as the preceding species. — Irano-Turanian.

*Peritrechus pusillus* Horváth, 1884

1 ex Baghdad, IV–V.1980. — Under plants in a garden. — Pontomediterranean.

*Lethaeus fulvovarius* Puton, 1884

Several exx Baghdad, IV–VII.1980; 1 ex Baquba, 15.VII.1980, Haifa'a M. Jalal (AG). — Collected at lamp. — Eremian.

*Peritrechus rhomboidalis* Puton, 1877

1 ex Salahuddin, 13–14.VI.1980; 1 ex Shayk Addi, 11.V.1981. — On hilly steppes of northern Iraq. — Pontomediterranean, recorded from Greece, Caucasia, Israel, and Syria.

*Lethaeus cribratissimus* (Stål, 1858)

1 ex Baghdad, Mansoor, 1980, Haifa'a M. Jalal. —

*Peritrechus variegatus* Kiritshenko, 1914

Several exx from Baghdad, IV–VII.1980; Al Kabaish, 27–28.VI.1980. — Collected at lamps in moist localities, common in the marshes of Al Kabaish. — Irano-Turanian, known from Saudi Arabia, Iran and Turkestan.

*Aellopus sumulailu* Linnavuori, 1984

Holotype ♂ Salahuddin, 16.XI.1979; paratype ♀ Tall Askit, 17.XI.1979, in coll. Linnavuori. — Found among fallen needles in a *Pinus halepensis* plantation, and under stones on a calcareous hill. — Also known from Iran.

*Rhyparochromus (Xanthocilus) saturnius* (Rossi, 1790)

1 ex Bawa Nur, 16.VI.1980; 3 exx Qora, 16.XI.1979; 3 exx Sarsang, 26–28.VIII.1980. — Under plants on hilly terrain in northern Iraq. — Holomediterranean.

*Rhyparochromus (Xanthocilus) minusculus* (Reuter, 1885)

1 ex Qora, 16.XI.1979; 2 exx Al Qosh, 10.V.1981. — Habitats as in the preceding species. — Holomediterranean.

*Rhyparochromus (Raglius) confusus* (Reuter, 1886)

Recorded from Shaqlawa (Hoberlandt 1953:379). — Holomediterranean.

*Rhyparochromus (Raglius) tisifone* Linnavuori, 1990

Holotype ♀ Shaqlawa, 29.XI.1967, S. Safar, in coll. Linnavuori. — Endemic.

*Beosus maritimus* (Scopoli, 1763)

Recorded from Shaqlawa (Hoberlandt 1953:379). — European, but reaching SW Asia as well.

*Beosus quadripunctatus* (Müller, 1766)

1 ex Zawita, 26.VIII.1980. Shaqlawa (Hoberlandt

1953:379). — Swept from vegetation in a cultivated valley in northern Iraq. — Holomediterranean.

*Dieuches armipes* (Fabricius, 1794)

Numerous exx from Baghdad, IV–VIII.1980; Ain Al Tamar, 17.VII.1980. Recorded from Baghdad and Fao (Eyles 1973:110). — Collected at lamps. — Known from central and eastern parts of Saudi Arabia, Iraq, Iran, and Pakistan.

*Dieuches mucronatus* (Stål, 1866)

4 exx Waqisah, 1.V.1980. — Under *Citrullus colocynthis* in sandy habitats. — Eremian.

**Megalonotini***Proderus amabilis* Puton, 1873

1 ex Abu Ghuraib, 1.IX.1966, collector unknown. — Eremian, extending from Algeria to Iraq and Iran.

*Piezoscelis ferruginea* Kiritshenko, 1925

1 ex Shaqlawa, IV–VI.1931, V. Kalalova, in Mus. Nat. Prague. — Also known from Transcaspia.

*Piezoscelis elegans* Linnavuori, 1986

Holotype ♂ Sulaymaniyah, 16.IV.1968, Ronak; paratype ♀ Baghdad, Mansoor, Haifa'a, M. Jalal, in coll. Linnavuori. — Endemic.

*Megalonotus colon* Fieber & Puton, 1874

1 ex Al Qosh, 10.V.1981. — Under plants in a hilly valley in northern Iraq. — Pontomediterranean.

*Megalonotus praetextatus* (Herrich-Schaeffer, 1835)

1 ex Salahuddin, 13–14.VI.1980. Shaqlawa (Hoberlandt 1953:379). — Under plants in a hilly steppe in northern Iraq. — European, but extending to SW Asia as well.

*Megalonotus maximus* (Puton, 1895)

2 exx Jebel Sinjar, 8.V.1981; 1 ex Mosul, 28.VIII.1980; 4 exx Sarsang, 26–28.VIII.1980. — Under plants in hilly



steppes of northern Iraq. — Syrio-Anatolian.

*Lamprodema maurum* (Fabricius, 1803)

4 exx Baghdad, IV–VII.1980. — Under plants in a garden. — Holomediterranean.

*Lasiocoris anomalus* (Kolenati, 1845)

3 exx Al Qosh, 10.V.1981. — Under plants in a hilly valley in northern Iraq. — Holomediterranean.

**Gonianotini**

*Alampes nanulus* Seidenstücker, 1966

6 exx Qora, 16.XI.1979; 1 ex Sulaf, 27.VIII.1980. — Under an unidentified Boraginaceae and bushes on dry slopes of hills in northern Iraq. — Anatolian.

*Neurocladus brachiidens* (Dufour, 1851)

2 exx Abu Ghuraib, 8.VII.1967, collector unknown (AG). — Holomediterranean.

*Ischnopeza pallipes* Puton, 1892

3 exx Al Qosh, 10.VI.1981; 1 ex Tell Askit, 17.XI.1979. — Under plants in hilly habitats in northern Iraq. — Syrio-Anatolian.

*Emblethis amplus* Seidenstücker, 1987

Paratype ♂ Jabal Sinjar, 8.V.1981, in coll. Linnavuori. — Under plants in a hilly habitat. — Known from Iran, Turkey and Iraq.

*Emblethis angustus* Montandon, 1890

3 exx Al Qosh, 10.V.1981. — Under plants in a hilly valley. — Holomediterranean.

*Emblethis osmanus* Seidenstücker, 1963

Several exx Baghdad, V–VI.1981; 1 ex Jebel Sinjar, 8.V.1981; 1 ex Sarsang, 25–28.VIII.1980. 1 ex

Sulaymaniyah, 10.XI.1980, A. Meymarian. — Under plants in dry habitats. — Anatolian.

*Emblethis ciliatus* Horváth, 1875

Recorded from Shaqlawa (Hoberlandt 1953:379). — Pontomediterranean.

*Emblethis dilaticollis* (Jakovlev, 1874)

= *Emblethis brachypterus* Linnavuori, 1953 (Péricart, pers. comm.)

1 ex Ain Al Tamar, 7.III.1980; 1 ex Razaza lake, 20.X.1979. — Under plants in sandy habitats. — Eremian, known from Palestine and Saudi Arabia to Mongolia

*Emblethis gracilicornis* Puton, 1883

1 ex As Salman, 3.IV.1981. — Under plants in desert habitats. — Eremian.

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