

**RESULTS OF THE CZECHOSLOVAK-IRANIAN ENTOMOLOGICAL  
EXPEDITIONS TO IRAN 1970, 1973 AND 1977****Heteroptera: Rhopalidae**

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**Abstract.** The fauna of Rhopalidae occurring in Iran consists, for the time being, of 25 species, predominantly of Palaearctic distribution; in the present paper three species are recorded from Iran for the first time and three another species are given the first exact localities.

This paper is based on specimens taken primarily by three expeditions of the National Museum (Nat. Hist.) in Prague to Iran in 1970, 1973 and 1977. Family Rhopalidae is a less characteristic group of Heteroptera in the fauna of Iran. Twenty five species known in this territory are predominantly of Palaearctic distribution, most of them are of Mediterranean origin, two species (*Stictopleurus ribauti* Vid. and *Agraphopus* (A.) *suturalis* Reut.) are Eremian in distribution and six species (*Corizomorpha janowskyi* Jak., *Corizus fenestella fenestella* (Horv.) *Brachycarenum languidus* (Horv.), *Limacocarenum curtulus* Kirit., *Stictopleurus angustus* Reut. and *Maccevethus corsicus persicus* (Jak.) occur in S. W. Asia or in Soviet Middle Asia.

To the 22 species of Rhopalidae previously known from Iran we add *Rhopalus* (R.) *conspurcatus* (Fieb.) *Stictopleurus crassicornis* (Lin.) and *Chorosoma gracile* Jos., for the first time, from Iran. In the following species *Stictopleurus punctatonervosus* (Goeze), *Stictopleurus abutilion* (Rossi) and *Agraphopus* (A.) *lethyerryi* Stål we give for the first time, exact localities from Iran.

***Corizomorpha janowskyi* Jakovlev, 1833**

1 ♂ — N. Iran, Gorgan, Hutton N. of Gonbad-e qabus, 5. 5. 1956 M. Sa-favi collected (National Museum, Praha).

This species is especially restricted to foothills of Armenia, Azar-baidjan, Turkomanistan, Tadjikistan, Uzbekistan and South Kirghizia in SSSR and from Turkey, West China and Iran (Shahrud, Putshkov 1986). This interesting species is the only representative of the genus and tribe Corizomorphini.

***Corizus hyoscyami* (Linnaeus, 1758)**

2 ♂♂ — N. W. Iran, Azarbaidjan, Sufian, 30 km. W. of Tabriz, 20.—21. 6. 1970 (loc. no. 27), 5 ♂♂ and 7 ♀♀ — N. Iran, Tehran-Evin, 1700—2000 m., 9.—10. 3. 1973 (loc. no. 123), 1 ♀ — E. Iran, Kerman province, Mahan, 1700 m., 29. 4. 1973 (loc. no. 183), 3 ♂♂ and 2 ♀♀ — E. Iran, Kerman province, Deh Bakri, Kuh-e Jebal Barez, 1700—1750 m., 30. 4.—3. 5. 1973 (loc. no. 186), 1 ♂ — E. Iran, Kerman province, Mohammadabad, 35 km. N. N. V. of Sabzevaran, 1600 m., 3.—5. 5. 1973 (loc. no. 187), 1 ♀ — E. Iran, Kerman province, 33 km. W. of Sabzevaran, 1100 m., 6.—7. 5. 1973 (loc. no. 189) 1 ♂ — S. Iran, Fars, Dasht-e Arzhan 54 km. E. of Kazerun, 1700 m., 9. 6. 1973 (loc. no. 230), 2 ♀♀ — S. Iran, Fars, 28 km. N. of Masiri, 1650 m. 12. 6. 1973 (loc. no. 236), 1 ♀ — S. Iran, Fars, Sisakht, 2400 m., 13. 6. 1973 (loc. no. 240), 1 ♀ — S. Iran, Fars, 29 km. E. of Yassuj and 10 km. N. W. of Karun, 2300 m., 16.—17. 6. 1973 (loc. no. 245), 1 ♀ — W. Iran, Azarbaidjan, Jebal Kandi, 38 km. N. of Rezaiyeh, 6. 7. 1973 (loc. no. 270), 1 ♀ — N. W. Iran, Azarbaidjan, 26 km. S. S. E. of Khoy, 6. 7. 1973 (loc. no. 267), 1 ♂ and 1 ♀ — Tehran-Evin, 1700—2000 m., 2.—7. 4. 1977 (loc. no. 276) 1 ♀ — S. Iran, Hormozgan, Kuh-e Genu, 1600—2100 m., 5. 5. 1977 (loc. no. 322), 4 ♂♂ and 3 ♀♀ — S. Iran, Kerman province, Chashmeh-ye Sargaz, 50 km. W. of Sabzevaran, 1650 m., 21. 5. 1977 (loc. no. 339), 1 ♂ — N. Iran, Gilan, Kuh-e Almas, 20 km. N. N. W. of Khalkhal (Heroabad), 2160 m., 29. 6.—1. 7. 1977 (loc. no. 391). Collected by the Czechoslovak—Iranian expeditions.

Further material examined: 1 ♂ and 1 ♀ — N. Iran, Golhak near Tehran, 1400 m., 9.—10. 1961, 1 ♀ — N. Iran, Alborz, valley of the river Valen, 1700 m., 13.—20. 10. 1961 J. Klapperich collected. 1 ♂ — N. E. Iran, Khorassan, Shahrud — Shahkuh, 2150 m., 15. 6. 1974 A. Radjabi and A. Pazuki collected.

Species of wide Palaearctic distribution, in Near East recorded from Cyprus, Israel, Syria, N. Iraq, Transcaucasia, Caucasia and Iran: N. Iran, Shahrud (Jakovlev 1877), Esfahan (China 1938), Karadj (Lindberg 1938), 17 km. of Aliabad, Shakhisane (Kiritshenko 1949), Mazandaran, Shahi, Tehran — Ghorogh, Karadj (Hoberlandt 1954), Jahrom (Kiritshenko 1966), Gorgan, Kalardasht, Kazerun (Wagner 1968); Oshanin 1906 and 1912. In Middle Asia recorded from Turkomanistan.

***Corizus fenestella fenestella* (Horváth, 1917)**

1 ♂ — N. W. Iran, Azarbaidjan, 23. km. S. W. of Marand, 17. 8. 1970 (loc. no. 97), 1 ♂ — N. Iran, Tehran province, Kandavan, valley N. of tunnel, 2545 m., 11. 8. 1910 (loc. no. 86), 1 ♂ — S. Iran, Fars E. Zagros, Kuh-e Dena, S. W. slope 5 km. N. E. of Sisakht, 2500—3000 m., 13.—14. 6. 1973 (loc. no. 241), 1 ♀ — W. Iran, Azarbaidjan, 21 km. S. E. of Shahpur, 6. 7. 1973 (loc. no. 269), 1 ♂ — N. Iran, Tehran — Evin, 1700—2000 m., 2.—7. 4. 1977 (loc. no. 276), 2 ♂♂ and 1 ♀ — N. E. Iran, Khorassan, Soghand, S. slope of Kuh-e Binalud, 15 km. N. E. of Nishabur, 1600—2300 m., 13. 6. 1977 (loc. no. 365), 2 ♂♂ and 3 ♀♀ — N. Iran, Tehran province, Alborz, south slope, Kandavan pass, 2780 m., 4.—9. 7. 1977 (loc. no. 395),

2 ♂♂ — N. Iran, Tehran province, 8 km. N. E. of Ziaran, 2400 m., 10.—16. 7. 1977 (loc. no. 400). Collected by the Czechoslovak-Iranian expeditions.

Further material examined: 1 ♂ — N. Iran, Golhak near Tehran, 1700 m., 9.—13. 6. 1961, 1 ♂ — N. Iran Alborz, valley of the river Vallen, 1700 m., 17.—20. 10. 1961 collected by J. Klapperich, 1 ♂ — N. Iran, Tehran — Evin, 26. 7. 1971 collected by Sabzevaran.

Distribution of *Corizus fenestella fenestella* (Horváth, 1917) is restricted to Armenia (Erevan and Etshmiadzin) and Azarbaidjan (in several places of Nachitshevan and Talish) in USSR. Further distributed in East Anatolia and Iran: N. Iran, Shahrud (Kiritshenko 1938, Göllner-Scheiding 1983, Kerzhner 1962 and Putshkov 1986). In East Iran and Afghanistan this subspecies forms transition to *Corizus fenestella subsimilis* (Horváth 1917) according to Putshkov 1986.

### ***Brachycarenum tigrinus* (Schilling, 1829)**

1 ♂ and 1 ♀ — N. W. Iran, Azarbaidjan, Zonus Chay 66 km. W. of Marand 20. 6. 1970 (loc. no. 25), 1 ♂ — N. Iran, Mazandaran, Bandar-e Shah, 1. 8. 1970 (loc. no. 79), 2 ♂♂ — N. Iran, Tehran — Evin, 1700—2000 m., 9.—10. 3. 1973 (loc. no. 123) 1 ♀ — E. Iran, Kerman province, Mahan, 1700 m., 23.—24. 3. 1973 (loc. no. 133), 6 ♂♂ and 6 ♀♀ — E. Iran, Baluchestan, Kuh-e Taftan, Valley Tamandan, 2100 m., 17.—18. 4. 1973 (loc. no. 167), 1 ♀ — E. Iran, Kerman province, Rafsanjan, 26.—28. 4. 1973 (loc. no. 181), 1 ♂ and 1 ♀ — E. Iran, Kerman province, Mohammadabad, 35 km. N. N. W. of Sabzevaran, 1600 m., 3.—5. 5. 1973 (loc. no. 187), 2 ♂♂ — S. Iran, Fars, E. Zagroa, 7 km. N. W. of Shul and 32 km. S. E. of Ardakan, 2100m., 17. 6. 1973 (loc. no. 247), 1 ♂ and 1 ♀ — N. Iran, Tehran — Evin, 1700—2000 m., 26. 6.—2. 7. 1973 (loc. no. 260), 1 ♂ — N. W. Iran, Gillan, 10 km. N. W. of Zanjan, 4.—5. 7. 1973 (loc. no. 264), 1 ♂ and 1 ♀ — N. W. Iran, Azarbaidjan, 20 km. S. E. of Marand, 5.—6. 7. 1973 (loc. no. 266) —1 ♂ and 1 ♀ — S. Iran, Hormozgan, Bagh-e Tang, 6 km. W. of Genu, 50 km. N. of Bandar Abbas, 410 m., 7.—9. 5. 1977 (loc. no. 323), 5 ♂♂ — S. E. Iran, Kerman province, Shahdad, 670 m., 31. 5.—1. 6. 1977 (loc. no. 353), 1 ♂ — N. E. Iran, Khorassan, 36 km. N. of Gonabad, 830 m., 7.—8. 6. 1977 (loc. no. 361), 1 ♂ — N. E. Iran, Khorassan, Mashhad, 9.—11. 6. 1977 (loc. n. 362), 1 ♀ — N. E. Iran, Khorassan, Assadli, 30 km. S. of Bojnurd, 1970 m., 17.—18. 6. 1977 (loc. no. 374), 3 ♂♂ — N. Iran, Mazandaran, Golestan Forest, Mazarli 20 km. N. W. of Dasht, 530 m., 19.—21. 6. 1977 (loc. no. 376), 1 ♀ — N. Iran, Tehran province, 8 km. N.E. of Ziaran, 2400 m., 10.—16. 7. 1977 (loc. no. 400), 1 ♂ — N. W. Iran, Azarbaidjan, 20 km. W. of Shahpur, 27. 7. 1977 (loc. no. 405). Collected by the Czechoslovak-Iranian expeditions.

Further material examined: 2 ♂♂ — N. Iran. Mazandaran, Bandare Pahlavi, 24. 7. 1961 collected by J. Klapperich. 1 ♀ — N. Iran, Tehran — Evin, 8. 8. 1971 collected by M. Safavi.

Species of Euro-Siberian distribution with southern extension, in

S. W. Asia recorded from Anatolia, Israel, Transcaucasia, Caucasia, Afghanistan and Iran: Karadj (Lindberg 1938), Shahrud — Shakhiasane (Kiritshenko 1949), Zahedan (Kiritshenko 1966), Kurdistan, Akinlou (Wagner 1961, Putshkov 1986). In Soviet Middle Asia recorded from Tadzhikistan and Transalai, further recorded from N. W. India (Kashmir), W. China and Mongolia.

### ***Brachycarenum languidus* (Horváth, 1891)**

1 ♀ — E. Iran, Kerman province, Mahan, 1700 m., 23.—24. 3. 1973 (loc. no. 133), 2 ♀♀ — S. E. Iran, Baluchestan, Kuh-e Taftan, Valley Tarmandan, 2100 m., 17.—18. 4. 1973 (loc. no. 167), 1 ♂ — S. Iran, Kerman province, Gardaneh-e Besan, 15 km. N. W. of Furk, 1000—1400 m., 28.—29. 5. 1973 (loc. no. 218), 1 ♂ — S. Iran, Fars, E. Zagros, mountain pass 27 km. E. of Yassuj and 10 km. N. W. of Karun, 2650 m., 16. 6. 1973 (loc. no. 244), 1 ♂ and 1 ♀ — S. Iran, Fars, E. Zagros, 7. km. N. W. of Shul and 32 km. S. E. of Ardakan, 2100 m., 17. 6. 1973 (loc. no. 247), 1 ♀ — N. W. Iran, Azarbaijan, 26 km. S. S. E. of Khoy, 6. 7. 1973 (loc. no. 267), 1 ♀ — S. Iran, Hormozgan, Bagh-e Tang, 6 km. W. of Genu, 50 km. N. of Bandar Abbas, 410 m., 7.—9. 5. 1977 (loc. no. 323). Collected by the Czechoslovak—Iranian expeditions.

Further material examined: 1 ♀ — N. Iran, Alborz, Abu Ask, 2000 m., 22. 8. 1960 collected by J. Klapperich, 1 ♀ — S. Iran, Fars, Shiraz-Fassa, collected by M. Safavi.

Distribution of this species is restricted to Armenia, Nakhitshevan, Uzbekistan and Turkomanistan in USSR, to Anatolia and Iran: Tabriz (V. G. Putshkov — P. V. Putshkov 1979, Göllner — Scheiding 1983 and Putshkov 1986) and Irak-Adzhemi (Putshkov 1986).

### ***Limacocarenum curtulus* Kiritshenko, 1914**

1 ♂ and 1 ♀ — N. Iran, Tehran — Evin, 1700—2000 m., 9.—10. 3. 1973 (loc. no. 123), 1 ♂ — N. Iran, Tehran — Evin, 1700—2000 m., 2.—7. 4. 1977 (loc. no. 276). Collected by the Czechoslovak—Iranian expeditions.

Recorded from the most parts of S. W. and Middle Asia; Kirghizia, Uzbekistan, Afghanistan, Anatolia and Iran: Tabriz, vicinity of Tehran (Putshkov 1986).

### ***Liorhyssus hyalinus* (Fabricius, 1794)**

1 ♀ — N. W. Iran, Azarbaijan, Sufian, 30 km. W. of Tabriz, 20.—21. 6. 1970 (loc. no. 27), 1 ♂ and 1 ♀ — S. Iran, Fars, Fassa, 9. 7. 1970 (loc. no. 50), 1 ♂ — N. Iran, Mazandaran, Alborz, valley of the river Haraz, Gazanak (Ask), 1400 m., 20.—21. 7. 1970 (loc. no. 63), 1 ♀ — N. Iran, Mazandaran, Alborz, Damavand, Lajran, 2400 m., 21. 7. 1970 (loc. no. 64), 1 ♀ — N. Iran, Mazandaran, Babol — Shahi, 24. 7. 1970 (loc. no. 70), 1 ♂ — N. Iran, Mazandaran, Bandare Shah, 1. 8. 1970 (loc. no. 79), 1 ♂ and 1 ♀ — N. Iran, Tehran province, Alborz, Kandavan, valley N. of tunnel, 2545 m., 11. 8. 1970 (loc. no. 86), 1 ♂ and 1 ♀ — N. W. Iran, Azarbaijan,



23 km. S. W. of Marand, 17. 8. 1970 (loc. no. 97), 1 ♂ and 1 ♀ — N. W. Iran, Azarbaijan, 21 km. E. of Marand, 18. 8. 1970 (loc. no. 98), 1 ♂ — S. E. Iran, Baluchestan, 40 km. S. W. of Zaboli, 31. 3. 1973 (loc. no. 143), 6 ♂♂ and 4 ♀♀ — S. E. Iran, Baluchestan, valley of the river Sarbaz, 11 km. N. up to and 30 km. S. of Sarbaz, 1.—2. 4. 1973 (loc. no. 145), 1 ♀ — S. E. Iran, Baluchestan, 3 km. N. of Rask, 2.—3. 4. 1973 (loc. no. 146), 1 ♂ and 3 ♀♀ — S. E. Iran, Baluchestan, Bahu-Kalat, 68 km. S. of Rask, 3.—4. 4. 1973 (loc. no. 147), 2 ♂♂ and 1 ♀ — S. Iran, Baluchestan, valley of the river Pish mant Kowr, 55—78 km. N. N. W. of Tis, 5. 4. 1973 (loc. no. 151), 3 ♂♂ and 3 ♀♀ — S. E. Iran Baluchestan, valley of the river Nikshahr, 13 km. S. S. E. of Nikshahr, 8.—9. 4. 1973 (loc. no. 152), 2 ♀♀ — S. E. Iran, Baluchestan, 25 km. W. of Ghasre — Ghand, 34 km. E. of Nikshahr, 9.—10. 4. 1973 (loc. no. 153), 1 ♂ and 1 ♀ — S. E. Iran, Baluchestan, Kuh-e Taftan, valley Tamandan, 2100 m., 17.—18. 4. 1973 (loc. no. 167), 1 ♂ and 3 ♀♀ — S. E. Iran, Sistan, 37 km. N. W. of Zahedan, 22.—23. 4. 1973 (loc. no. 173), 1 ♂ — E. Iran, Sistan, Kahurak, 23.—24. 4. 1973 (loc. no. 176), 1 ♀ — E. Iran, Kerman province, Khutanabad, 70 km. N. W. of Bam, 25. 4. 1973 (loc. no. 179), 2 ♂♂ and 1 ♀ — E. Iran. Kerman province, Rafsanjan, 26.—28. 4. 1973 (loc. no. 181), 1 ♀ — E. Iran, Kerman province, 13 km S. W. of Kerman, 29. 4. 1973 (loc. no. 182), 5 ♂♂ and 3 ♀♀ — E. Iran, Kerman province, Mohammad-abad, 35 km. N. N. W. of Sabzevaran, 1600 m., 3.—5. 5. 1973 (loc. no. 187), 1 ♂ and 3 ♀♀ — S. Iran, Hormozgan, Issin, south slopes of Kuhha-ye Genu, 45 km. N. W. of Bandar Abbas, 11.—15. 5. 1973 (loc. no. 198), 1 ♂ — S. Iran, Hormozgan, Minab, 19.—20. 5. 1973 (loc. no. 203), 1 ♂ — S. Iran, Fars, Dasht-e Arzhan, 54 km. E. of Kazerun, 1700 m., 9. 6. 1973 (loc. no. 230), 1 ♂ — S. Iran, Fars, E. Zagros, pass 48 km. N. of Massiri, 2230 m., 12. 6. 1973 (loc. no. 238), 1 ♀ — S. Iran, Fars, E. Zagros, 13 km. S. S. W. of Yassuj, 1800 m., valley of the river Dasht-e Rum, 12.—13. 6. 1973 (loc. no. 239), 1 ♀ — S. Iran, Fars, E. Zagros, Sisakht, 2408 m., 15. 6. 1973 (loc. no. 240), 3 ♂♂ and 1 ♀ — S. Iran, Fars, E. Zagros, Yassuj, 1750 m., 16. 6. 1973 (loc. no. 243), 1 ♀ — S. Iran, Fars, E. Zagros, mountain pass 27 km. E. of Yassuj and 10 km. N. W. of Karum, 2650 m., 16. 6. 1973 (loc. no. 244), 1 ♀ — S. Iran, E. Zagros, 29 km. E. of Yassuj, 2300 m., 16.—17. 6. 1973 (loc. no. 245), 1 ♂ — S. Iran, Fars, E. Zagros, Komehr, 41 km. N. W. of Ardakan, 2000 m., 17. 6. 1973 (loc. no. 246), 7 ♂♂ and 1 ♀ — N. Iran, Tehran — Evin, 1700—2000 m., 26. 6.—2. 7. 1973 (loc. no. 260), 1 ♀ — N. W. Iran, Gillan, 10 km. N. W. of Zanjan, 4.—5. 7. 1973 (loc. no. 264), 1 ♀ — N. W. Iran, Azarbaijan, 26 km. S. S. E. of Khoy, 6. 7. 1973 (loc. no. 267), 1 ♂ — W. Iran, Azarbaijan, 21 km. S. E. of Shahpur, 6. 7. 1973 (loc. no. 269), 1 ♂ — S. W. Iran, Khuzestan, Shushtar, 13. 4. 1977 (loc. no. 287), 13 ♂♂ and 12 ♀♀ — S. Iran, Fars, Baghak, 15 km. W. of Ahram, 60 m., 19.—20. 4. 1977 (loc. no. 301), 1 ♂ — S. Iran, Fars, Jashak, 601 m. S. E. of Khormuj, 110 m., 20.—21. 4. 1977 (loc. no. 304), 1 ♀ — S. Iran, Fars, 12 km. N. W. of Kangan, 70 m., 21.—22. 4. 1977 (loc. na. 305), 6 ♂♂ and 12 ♀♀ — S. Iran, Fars, Konordan, 36 km. E. of Gav Bandi, 210 m., 20.—24. 4. 1977 (loc. no. 309), 12 ♂♂ and 13 ♀♀ — S. Iran, Fars, Golshan valley, vicinity of Galshan, 24. 4. 1977 (loc. no. 310), 1 ♀ — S. Iran, Hormozgan, Chah-

-kuh, 15 km. N. E. of Bandar-e Lengeh, 25.—26. 4. 1977 (loc. no. 313), 1 ♀ — S. Iran, Hormozgan, Bandar-e Mahtabi, 42 km. N. E. of Bandar-e Lengeh, 26. 4. 1977 (loc. no. 314), 1 ♂ and 1 ♀ — S. Iran, Hormozgan, Issin, 28. 4.—6. 5. 1977 (loc. no. 320), 1 ♀ — S. Iran, Hormozgan, Baghe Tang, 6 km. W. of Genu, 410 m., 7.—9. 5. 1977 (loc. no. 323), 1 ♀ — S. Iran, Hormozgan, Hassan Langi, 55 km. N. E. of Bandar-e Abbas, 9.—10. 5. 1977 (loc. no. 324), 2 ♂♂ — S. Iran, Kerman province, Saghdar, 30 km. N. N. E. of Sabzevaran, 1650 m., 17.—19. 5. 1977 (loc. no. 337), 2 ♂♂ and 4 ♀♀ — S. Iran Kerman province, Chashmeh-ye Sargaz, 50 km. W. of Sabzevaran, 1650 m., 20.—21. 5. 1977 (loc. no. 339), 1 ♂ — C. Iran, Kerman province, Ghanat-e Marvan, south foot of Kuh-e Lalehsar, 2850 m., 22.—24. 5. 1977 (loc. no. 245), 1 ♀ — S. E. Iran, Kerman province, Gowk (Golbaf), on the road Mahan — Shahdad, 31. 5. 1977 (loc. no. 352), 1 ♀ — C. Iran, Kerman province, desert Lut, Shahdad 670 m., 31. 5.—1. 6. 1977 (loc. no. 353), 1 ♂ — S. E. Iran, Kerman province, Fahraj, 2. 6. 1977 (loc. no. 354), 1 ♂ — E. Iran, Sistan, Kahurak, 130 km. E. N. E. of Bam, 510 m., 2.—3. 6. 1977 (loc. no. 355), 2 ♀♀ — N. E. Iran, Khorassan, 36 km. N. of Gonabad, 830 m., 7.—8. 6. 1977 (loc. no. 361), 1 ♀ — N. E. Iran, Khorassan, 20 km W. of Sabzevar, 16. 6. 1977 (loc. no. 370), 1 ♂ — N. E. Iran, Khorassan, Assadli, 30 km. S. of Bojnurd, 1970 m., 17.—18. 6. 1977 (loc. no. 374), 1 ♂ — N. Iran Mazandaran, Golestan forest, 53 km. N. of Dasht, 960 m., 18.—19. 6. 1977 (loc. no. 375), 1 ♀ — N. Iran, Mazandaran, Golestan forest, Mazarli, 20 km. N. W. of Dasht, 530 m., 19.—21. 6. 1977 (loc. no. 376), 2 ♀♀ — N. Iran, Tehran province, Hashtgerd on the road Karadj — Ghazvin, 10. 7. 1977 (loc. no. 399), 1 ♂ — N. Iran, Alborz, Kuh-e Tochal, peak zone, 3500—4000 m., 26. 7. 1977 (loc. no. 403), 1 ♂ — N. W. Iran, Azarbaidjan, 20 km. N. of Shahpur, 27. 7. 1977 (loc. no. 405), collected by the Czechoslovak—Iranian expeditions.

Further material examined: 1 ♀ — E. Iran, Kerman province, Kuh-e Jebal Barez, 8. 5. 1948 P. A., 2 ♀♀ — S. E. Iran, Baluchestan, Iranshahr, 16. 3. 1949, P. A. and 23.—30. 3. 1949 collected by G. Sharif, N. Iran, Tehran province, Alborz, Darband valley, 2400 m., 26. 5. 1961, 4 ♂♂ and 3 ♀♀ — N. Iran, Golhak near Tehran, 1400 m., 9.—23. 6. 1961 and 2. 10. 1961 collected by J. Klapperich, 1 ♀ — N. Iran, Lac Ghom, 27. 6. 1969 M. A. B., 1 ♀ — N. Iran, Roudhen, 27. 7. 1969 collected by H. Mirzayans and M. Abai, 4 ♂♂ and 3 ♀♀, N. Iran, Tehran — Evin, 16. 7. 1971, 21. 7. 1971 and 29. 9. 1973 collected by M. Safavi, 1 ♂ — W. Iran, Kurdistan, Sanandaj — Farah, 1.—15. 7. 1974 collected by A. Hashemi, 2 ♂♂ — S. W. Iran, Khuzistan, Dezful — Haft-tapeh, — 20 m., 13. 5. 1975 collected by A. Pazuki and A. Hashemi.

Cosmopolitan, except in cold areas. In S. W. Asia recorded from Anatolia, Israel, Syria, N. Iraq, Iran, Transcaucasia and Caucasia; Middle Asia.

In Iran previously recorded from N. Iran: Aliabad, Shahiasane (Kitritshenko 1949), Hormozgan, Kahuran near Putab, Nahu; Baluchestan, Iranshahr (Seidenstücker 1957); Kashan, Kerman, Anbar-abad (Seidenstücker 1958); Tehran, Varamin, Hormozgan (Makran), Baluchestan, Jalaq (Djalgh) (Hoberlandt 1959); Sabzevaran, Bam, Pirbakran near Esfa-

han (Wagner 1961); Bam; Kerman, Sabzevaran (Jiroft), Iranshahr, Bampur, Hadjiabad (Kiritshenko 1966); Hamadan (Brown 1966); Bandar Lengeh (Wagner 1968).

***Rhopalus (Aeschyntelus) maculatus* (Fieber, 1837)**

1 ♂ and 2 ♀♀ — N. Iran, Mazandaran, Khorram-abad, 90 m., 14. 8. 1970 (loc. no. 94). Collected by the Czechoslovak—Iranian expedition.

Species of wide Eurosiberian distribution. In S. W. Asia recorded from Caucasus, Transcaucasia, Iran, Iraq, in Middle Asia recorded from Kirghizia. In Iran previously recorded only from N. Iran: Nowshahr (Wagner 1968, Putshkov 1986).

***Rhopalus (Rhopalus) subrufus* (Gmelin, 1790)**

1 ♂ — S. Iran, Fars, Kazerun, 5.—6. 7. 1970 (loc. no. 45), 1 ♀ — N. Iran, Mazandaran, Alborz, Damavand, Lajran, 2400 m., 21. 7. 1970 (loc. no. 65), 1 ♂ — N. Iran, Tehran — Evin, 1700—2000 m., 9.—10. 3. 1973 (loc. no. 123), 1 ♂ and 1 ♀ — E. Iran, Kerman province, 33 km. W. of Sabzevaran, 1100 m., 6.—7. 5. 1973 (loc. no. 189), 1 ♀ — N. Iran, Tehran province, Alborz, Kandavan pass, south slope, 2780 m., 4.—9. 7. 1977 (loc. no. 395). Collected by the Czechoslovak—Iranian expeditions.

Further material examined: 2 ♀♀ — N. Iran, Tehran province, Kalar-dasht, 12. 5. 1965 collected by M. Safavi.

Species of Palaearctic distribution, in S. W. Asia recorded from Caucasus, Transcaucasia, Syria, Israel, Anatolia and Iran.: Rasht — Tahergurah (Seidenstücker 1957); N. Iran, Firuzabad (Wagner 1961); Gorgan (Putshkov 1986).

***Rhopalus (Rhopalus) distinctus* (Signoret, 1859)**

1 ♀ — N. Iran, Tehran province, Alborz, Kandavan pass, 3000 m., 11. 8. 1970 (loc. no. 87), 1 ♂ and 1 ♀ — S. E. Iran, Kerman province, Kuh-e Lalehsar, north slope 3200—3800 m., 24.—30. 5. 1977 (loc. no. 348). Collected by the Czechoslovak—Iranian expeditions.

Species of Euro-Siberian distribution with southern extension, in S. W. Asia recorded from Caucasus and Transcaucasia; in Iran recorded from N. Iran: Aliabad (Kiritshenko 1949).

***Rhopalus (Rhopalus) conspersus* (Fieber, 1837)**

1 ♀ — N. Iran, Mazandaran, 5 km. S. of Shahi, 1. 8. 1970 (loc. no. 80). Collected by the Czechoslovak-Iranian expedition.

Species of Euro-Siberian distribution with rather northern extension. In S. W. Asia recorded only from Transcaucasia (Talish). From Iran previously not recorded, first record.

**Rhopalus (Rhopalus) parumpunctatus** Schilling, 1829

4 ♂♂ and 8 ♀♀ — N. Iran, Mazandaran, Alborz, Gazanak, valley of the river Haraz, 1400 m., 20.—21. 7. 1970 (loc. no. 63), 1 ♂ and 8 ♀♀ — N. Iran, Tehran — Evin, 1700—2000 m., 9.—10. 3. 1973 (loc. no. 123), 1 ♀ — S. E. Iran, Baluchestan, 25 km. W. of Ghasre-Ghand, 34 km. E. of Nikshahr, 9.—10. 4. 1973 (loc. no. 153), 1 ♀ — S. Iran, Fars, Kushk, 42 km. N. of Masiri, 1800 m., 12. 6. 1973 (loc. no. 237), 3 ♀♀ — S. Iran, Fars, pass in E. Zagros 48 km. N. of Masiri, 2230 m., 12. 6. 1973 (loc. no. 238), 2 ♀♀ — S. Iran, Fars, E. Zagros, valley of the river Dasht-e Rum, 13 km. S. S. W. of Yassuj, 1800 m., 12.—13. 6. 1973 (loc. no. 239), 1 ♂ and 1 ♀ — S. Iran, Fars, E. Zagros, Sisakht, 2408 m., 13. 6. 1973 (loc. no. 240), 1 ♂ — S. Iran, Fars, E. Zagros, Yassuj, 1750 m., 16. 6. 1973 (loc. no. 243), 1 ♀ — S. Iran, Fars, E. Zagros, mountain pass 27 km. E. of Yassuj and 10 km. N. W. of Karun, 2650 m., 16. 6. 1973 (loc. no. 244), 2 ♀♀ — N. Iran, Tehran — Evin, 2. 7. 1973 (loc. no. 260). Collected by the Czechoslovak-Iranian expeditions.

Further material examined: 3 ♀♀ — S. Iran, Fars, Shiraz, 5. 7. 1959 collected by M. Safavi, 1 ♀ — N. Iran, Alborz, Abu Ask, 2000 m., 12. 8. 1960, 1 ♂ — N. Iran, Golhak near Tehran, 1400 m., 9.—10. 7. 1961, 1 ♂ and 3 ♀♀ — N. Iran Alborz, valley of the river Vallen, 1700 m., 13.—20. 9. 1961 collected by J. Klapperich, 1 ♀ — N. Iran, Damavand, 20. 7. 1970 collected by M. Safavi and A. Hashemi.

Species of wide Palaearctic distribution, in S. W. Asia recorded from Caucasia, Transcaucasia and Iran: Shahiasane — Shahrud, Bedesht (Kiritshenko 1949), Jurdan near Esfahan, Shiraz, Varamin, Gharaagadj (Brown 1966), as *Rhopalus rufus* var. *lepidus* Fieber. Oshanin 1906.

**Stictopleurus punctatonervosus** (Goeze, 1778)

1 ♂ — N. Iran, Mazandaran, Babol — Shahi, 24. 7. 1970 (loc. no. 70). Collected by the Czechoslovak-Iranian expedition.

Species of wide Palaearctic distribution, in Iran recorded without exact locality by Putshkov 1978.

**Stictopleurus crassicornis** (Linnaeus, 1758)

1 ♂ — N. E. Iran, Khorassan, Kalat on the road Esfaraen — Bojnurd, 17. 6. 1977 (loc. no. 373). Collected by the Czechoslovak-Iranian expedition.

Species of Palaearctic distribution, in S. W. Asia recorded from Caucasia, Transcaucasia, Israel, Anatolia, in Middle Asia recorded from Kazakhstan and Kirghizia. Previously not recorded from Iran, first record.

**Stictopleurus abutilion** (Rossi, 1790)

2 ♂♂ and 2 ♀♀ — N. Iran, Mazandaran, Alborz, Gazanak (Ask), 1400 m. in the valley of river Haraz, 20.—21. 7. 1970 (loc. no. 63), 1 ♂ — N. Iran, Tehran province, 12 km. N. W. of Hesarak, 5. 3. 1973 (loc.

no. 122), 2 ♂♂ and 3 ♀♀ — N. Iran, Tehran — Evin, 1700—2000 m., 10. 3. 1973 (loc. no. 123 and 124), 2 ♂♂ — S. E. Iran, Baluchestan, 30 km. N. of Bampur on the road between Bampur and Bazman, 12.—13. 4. 1973 (loc. no. 159), 1 ♂ and 1 ♀ — E. Iran, Kerman province, Mohammad-Abad, 35 km. N. N. W. Sabzavaran, 1600 m., 3.—5. 5. 1973 (loc. no. 187) 1 ♂ — S. Iran, Hormozgan, Issin, south slopes of Kuhha-ye Genu, 45 km. N. W. of Bandar Abbas, 11.—15. 5. 1973 (loc. no. 198), 1 ♂ — S. Iran, Fars, Mian Jangal, 30. 5.—5. 6. 1973 (loc. no. 223), 10 ♂♂ and 20 ♀♀ — S. Iran, Fars, 30 km. E. of Kazerun, 1300 m., 8.—10. 5. 1973 (loc. no. 229), 4 ♂♂ and 4 ♀♀ — S. Iran, Fars, E. Zagros, 48 km. N. of Massiri, 2230 m., 12. 6. 1973 (loc. no. 238), 1 ♀ — S. Iran, Fars, E. Zagros, Sisakht, 2408 m., 15. 6. 1973 (loc. no. 240), 2 ♀♀ — S. Iran, Fars, E. Zagros, Kuhe Dena, S. W. slope, 5 km. N. E. of Sisakht, 2500—3000 m., 13.—14. 6. 1973 (loc. no. 241), 2 ♀♀ — S. Iran, Fars, E. Zagros, 29 km. E. of Yassuj and 10 km. N. W. of Karun, 2300 m., 16.—17. 6. 1973 (loc. no. 245), 1 ♂ and 3 ♀♀ — S. Iran, Fars, Komehr, 41 km. N. W. of Ardakan, 2000 m., 17. 6. 1973 (loc. no. 246), 2 ♂♂ and 2 ♀♀ — N. Iran, Tehran — Evin, 26. 6. 1973 (loc. no. 260). Collected by the Czechoslovak-Iranian expeditions.

Further material examined: 1 ♂ — S. Iran, Hormozgan, Jask, 29. 11. 1949 collected by Behboudi, 1 ♂ — S. W. Iran, Bakhtiari, Zarbkuh, 2400 m., 16. 3. 1976 collected by H. Burumand and A. Pazuki.

Species of Euro-Siberian distribution with a southern extension across the Mediterranean, in S. W. Asia recorded from Caucasia, Anatolia, Israel, Syria, Iraq, Cyprus, Afghanistan, Iran and from Soviet Middle Asia; in Iran previously recorded by Putshkov 1978, 1986, without exact locality.

### ***Stictopleurus riveti* Royer, 1923**

1 ♀ — E. Iran, Kerman province, Rafsanjan, 26.—28. 4. 1973 (loc. no. 181), 1 ♂ — E. Iran, Kerman province, Mohammad-abd, 35 km. N. N. W. of Sabzevaran, 1600 m., 3.—5. 5. 1973 (loc. no. 187), 2 ♂♂ and 2 ♀♀ — S. Iran, Fars, Mian Jangal, 30. 5.—5. 6. 1973 (loc. no. 223), 1 ♂ and 4 ♀♀ — S. Iran, Fars, 30 km. E. of Kazerun, 1300 m., 8.—10. 6. 1973 (loc. no. 229), 1 ♂ — S. Iran, Fars, 48 km. N. of Massiri, pass in E. Zagros, valley of the river Dasht-e Rum, 2230 m., 12. 6. 1973 (loc. no. 238), 1 ♂ and 1 ♀ — S. Iran, Fars, E. Zagros, mountain pass 27 km. E. of Yassuj and 10 km. N. W. of Karun, 2650 m., 16. 6. 1973 (loc. no. 244), 1 ♂ — S. Iran, Fars, E. Zagros, 29 km. E. of Yassuj, 2300 m., 16.—17. 6. 1973 (loc. no. 245), 1 ♀ — N. E. Iran, Khorassan, 36 km. N. of Gonabad, 830 m., 7.—8. 6. 1977 (loc. no. 361). Collected by the Czechoslovak-Iranian expeditions.

Species of Mediterranean distribution, in S. W. Asia recorded from Anatolia, Cyprus, Caucasia and Transcaucasia, Iran, in Soviet Middle Asia recorded from Turkomanistan, Uzbekistan, Tadzhikistan and Kirghizia; in Iran recorded from Shahrud (Putshkov 1978 and 1986) and Bampur in Baluchestan (Putshkov 1986).

***Stictopleurus angustus* Reuter, 1900**

1 ♂ — N. Iran, Tehran province, Robat-e Tork, 29. 6. 1970 (loc. no. 34). Collected by the Czechoslovak-Iranian expedition.

Species with characteristic distribution in Soviet Middle Asia (Turkomanistan, Uzbekistan, Kazakhstan), however recorded from Iraq, Central Anatolia, Afghanistan and Iran: Kerman, Anbar-abad (Seidenstücker 1958) and Shahrud (Seidenstücker 1968, Putshkov 1978 and 1986).

***Stictopleurus ribauti* Vidal, 1952**

1 ♀ — S. E. Iran, Baluchestan, valley of the river Sarbaz, 11 km. N. up to and 30 km. S. of Sarbaz, 1.—2. 4. 1973 (loc. no. 145), 1 ♀ — S. E. Iran, Baluchestan, Bahu-Kalat, 68 km. S. of Rask, 3.—4. 4. 1973 (loc. no. 147), 1 ♂ and 1 ♀ — S. E. Iran, Baluchestan, 15 km. N. E. of Bandar-e Chah Bahar, 5. 4. 1973 (loc. no. 148), 1 ♂ and 1 ♀ — S. E. Iran, Baluchestan, 25 km. W. of Ghasre-Ghand and 34 km. E. of Nikshahr, 9.—10. 4. 1973 (loc. no. 153), 23 ♂♂ and 40 ♀♀ — S. E. Iran, Kerman province, 13 km. S. W. of Kerman, 29. 4. 1973 (loc. no. 182), 16 ♂♂ and 26 ♀♀ — E. Iran, Kerman province, Mohammad-abad 35 km. N. N. W. of Sabzavaran, 1600 m., 3.—5. 5. 1973 (loc. no. 187), 1 ♂ — S. Iran, Kerman province, 24 km. S. S. W. of Hajiabad, 9.—10. 5. 1973 (loc. no. 194), 1 ♀ — S. Iran, Kerman province, 7. km. W. of Kahkom, 20 km. S. W. of Hajiabad, 28. 5. 1973 (loc. no. 215), 5 ♂♂ and 7 ♀♀ — S. Iran, Kerman province, Gardaneh-e Besan, 15 km. N. W. of Furk, 1000—1400 m., 28.—29. 5. 1973 (loc. no. 218), 2 ♀♀ — S. Iran, Fars, Mian Jangal, 30. 5.—5. 6. 1973 (loc. no. 223), 1 ♂ and 1 ♀ — S. Iran, Fars, Tange-e Chogan-e Ilia, valley near of Bishapur, 10.—11. 6. 1973 (loc. no. 234), 1 ♀ — S. W. Iran, Khuzestan, Siahmakan, 200 m., about 70 km. N. of Bandard Genaveh, 17.—18. 4. 1977 (loc. no. 295), 1 ♂ and 8 ♀♀ — S. Iran, Fars, Konardan, 36 km. E. of Gav Bandi, 210 m., 23.—24. 4. 1977 (loc. no. 309), 2 ♂♂ and 4 ♀♀ — S. Iran, Hormozgan, 7 km. W. of Bandar-e Charak, 24.—25. 4. 1977 (loc. no. 311), 1 ♀ — S. Iran, Hormozgan, Issin, 28. 4.—6. 5. 1977 (loc. no. 320), 6 ♂♂ and 16 ♀♀ — S. Iran, Hormozgan, Bagh-e Tang, 6 km. W. of Genu, 410 m., 50 km. N. of Bandar Abbas, 7.—9. 5. 1977 (loc. no. 323), 1 ♂ — S. Iran, Hormozgan, Minab, 13. 5. 1977 (loc. no. 328), 1 ♀ — S. Iran, Hormozgan, Ziarat, 23 km. N. W. N. of Bila'i, 14.—15. 5. 1977 (loc. no. 330). Collected by the Czechoslovak-Iranian expeditions.

Further material examined: 1 ♂ — S. Iran, Hormozgan, Bandar Abbas, Reyvan, 23. 4. 1949 collected by E. Esfandiari.

Species of Eremian distribution, recorded from aride regions of Morocco, Algeria, Saudi Arabia, Iraq and Iran: Kerman, Bandar Abbas, Hoberlandt 1959, erroneously determined as *Stictopleurus sericeus* (Horváth) a species of East-Palaearctic distribution and consequently this species must be excluded from the list of Iranian *Stictopleurus*-species, Anbar-abad, Seidenstücker 1964, Jiroft (Sabzeravan), Kahkom, Kiritshenko 1966; Putshkov 1978, Göller-Scheiding 1983 and Putshkov 1986.



***Maccevethus errans caucasicus* (Kolenati, 1845)**

1 ♀ — S. Iran, Fars, Kazerun, 5.—6. 7. 1970 (loc. no. 45), 1 ♂ and 2 ♀♀ — N. Iran, Mazandaran, Robate-Ghareh Bil, east part of Wildlife Park, 1000 m., 30. 7. 1970 (loc. no. 78), 1 ♂ and 4 ♀♀ — N. Iran, Thran — Evin, 1700—2000 m., 9.—10. 3. 1973 (loc. no. 123), 1 ♀ — S. Iran, Fars, Mian Jangal, 5. 6. 1973 (loc. no. 223), 1 ♀ — S. Iran, Fars, Daryache-ye Maharlu (south bank of the lake), 5.—6. 6. 1973 (loc. no. 227), 3 ♀♀ — S. Iran, Fars, E. Zagros, mountain pass 27 km. E. of Yassuj, 2650 m., 16. 6. 1973 (loc. no. 244), 1 ♂ — S. Iran, Fars, E. Zagros, 29 km. E. of Yassuj and 10 km. N. W. of Karun, 2300 m., 16.—17. 6. 1973 (loc. no. 245), 2 ♂♂ — S. W. Iran, Lorestan, Pol-e Tang, 60 km. N. W. of Andimesk on the river Saimareh, 490 m., 10.—11. 4. 1977 (loc. no. 284), 3 ♂♂ — N. Iran, Mazandaran, 53 km. N. of Dasht, Golestan forest, 960 m., 18.—19. 6. 1977 (loc. no. 375), 3 ♀♀ — N. Iran, Mazandaran, Golestan forest, Mazarli, 20 km. N. W. of Dasht, 530 m., 19.—21. 6. 1977 (loc. no. 376), 1 ♀ — N. Iran, Tehran province, Alborz Kandavan pass, south slope, 2780 m., 4.—9. 7. 1977 (loc. no. 395), 3 ♀♀ — N. Iran, Tehran province, 8 km. N. E. of Ziaran, 2400 m., 10.—16. 7. 1977 (loc. no. 400), 2 ♂♂ and 2 ♀♀ — N. W. Iran, Azarbaijan, 20 km. N. of Shahpur, 27. 7. 1977 (loc. no. 405), 1 ♀ — S. E. Iran, Baluchestan, Kuh-e Taftan, Valley Tamandan, 2100 m., 17.—18. 4. 1973 (loc. no. 167), 1 ♀ — N. E. Iran, Khorassan, Soghand, S. slope of Kuh-e Binalud, 15 km. N. E. of Nishabur, 1600—2300 m., 13. 6. 1977 (loc. no. 365), 1 ♂ — Sarbaz, 11 km. N. up to and 30 km. S. of Sarbaz, 1.—2. 4. 1973 (loc. no. 145), 1 ♂ and 1 ♀ — S. E. Iran, Baluchestan, 3 km. N. of Rask, 2.—3. 4. 1973 (loc. no. 146), ♂ and 10 ♀♀ — S. E. Iran, Baluchestan, Bah-Kalat, 68 km. S. of Rask, 3.—4. 4. 1973 (loc. no. 147), 1 ♀ — S. E. Iran, Baluchestan, Tis, 6.—7. 4. 1973 (loc. no. 150), 4 ♂♂ and 2 ♀♀ — S. E. Iran, Baluchestan, 15 km. S. S.E. of Nikshahr, valley of the river Nikshahr, 8.—9. 4. 1973 (loc. no. 152), 1 ♂ and 3 ♀♀ — S. E. Iran, Baluchestan, 25 km. W. of Ghasre-Ghand, 34 km. E. of Nikshahr, 9.—10. 4. 1973 (loc. no. 153), 2 ♂♂ and 3 ♀♀ — E. Iran, Kerman province, Mohammad-abad, 35 km. N. N. W. of Sabzevaran on the road between Deh Bakri and Sabzevaran on the road between Deh Bakri and Sabzevaran, 1600 m., 3.—5. 5. 1973 (loc. no. 187), 2 ♀♀ — S. Iran, Kerman province, Dowlatabad, 85 km. E. of Hajiabad on the road Sowghan and Hajiabad, 8.—9. 5. 1973 (loc. no. 192), 1 ♀ — S. Iran, Kerman province, 7 km W. of Kakhom, 20 km. S. W. of Hajiabad, 28. 5. 1973 (loc. no. 215), 1 ♂ and 5 ♀♀ — S. Iran, Kerman province, Gardaneh-e Besan, 1000—1400 m., 15 km. N. W. of Furk, 28.—29. 5. 1973 (loc. no. 218), 1 ♂ — S. Iran, Fars, Tang-e Chogan-e Olia (ruins of Bishapur), 1000 m., 10. 6. 1973 (loc. no. 233), 1 ♀ — S. Iran, Hormozgan, Bila'i, 40 m., 13.—14. 5. 1977 (loc. no. 329), 1 ♀ — S. Iran, Fars, Konardan, 30 km. E. of Gav Bandi, 210 m., 23.—24. 4. 1977 (loc. no. 309), 1 ♀ — S. Iran, Hormozgan, Kuh-e Genu, 1600—2100 m., 5. 5. 1977 (loc. no. 322), 1 ♀ — S. Iran, Hormozgan, Bagh-e Tang, 6 km. W. of Genu, 410 m., 50 km. N. of Bandar Abbas, 7.—9. 5. 1977 (loc. no. 323), 2 ♂♂ and 2 ♀♀ — S. Iran, Hormozgan, Senderk, S. of Bashagerd, 220 m., 12.—13. 5.



1977 (loc. no. 327), 1 ♂ — S. Iran, Hormozgan, Minab, 13. 5. 1977 (loc. no. 328), 1 ♀ — S. Iran, Kerman province, Saghdar, 30 km. N. N. E. of Sabzevaran and 6 km. S. of Mohammad-abad, 1650 m., 17.—19. 5. 1977 (loc. no. 337), 1 ♀ — E. Iran, Sistan, Kuh-e Khajeh, 490 m., 3.—5. 6. 1977 (loc. no. 357). Collected by the Czechoslovak-Iranian expeditions.

Further material examined: 1 ♂ and 3 ♀♀ — N. Iran, Golhak near Tehran, 1400 m., 6.—8. and 9. 10. 1961 collected by J. Klapperich.

Species of Mediterranean distribution, in S. W. Asia ranging in Anatolia, Israel, Lebanon, Syria and Iran: Tehran, Karadj, Lindberg 1938, Putshkov 1986. Determined as *Maccecethus lineola* (Fab.).

### ***Maccevethus corsicus persicus* Jakovlev, 1882**

1 ♂ — N. Iran, Tehran province, Ghazvin, 24. 6. 1970 (loc. no. 29), 1 ♀ — E. Iran, Kerman province, Mahan 1700 m., 29. 4. 1973 (loc. no. 183), 2 ♂♂ — S. Iran, Fars, E. Zagros, 29 km. E. of Yassuj and 10 km. N. W. of Karun, 2300 m., 16.—17. 6. 1973 (loc. no. 245), 1 ♂ — S. Iran, Fars, E. Zagros, 48 km. N. of Massiri, pass on the road Massiri — Yassuj, 2230 m., 12. 6. 1973 (loc. no. 238). Collected by the Czechoslovak-Iranian expeditions.

Further material examined: 1 ♂ — N. Iran, Gharaghadj, 12. 9. 1947 collected by Abaspour. 1 ♂ — N. Iran, Golhak near Tehran, 1700 m., 9.—23. 6. 1961 collected by J. Klapperich. 1 ♀ — N. Iran, Ghorogh, 25. 10. 1957, 1 ♀ — N. W. Iran, Ilam, 10. 4. 1962, 1 ♂ — N. Iran, Damavand, 23. 8. 1973, 1 ♀ — N. Iran, Karadj, 7. 10. 1973 collected by M. Safavi.

Species recorded from Iran (Shaku, Jakovlev 1877, Josifov 1966, Gölner—Scheiding 1983, Shahrud, Reuter 1900, Putshkov 1986, Tehran, Karadj, Ghorogh, Hoberlandt 1959), Turkomanistan, Tadjikistan, Uzbekistan and Mongolia.

### ***Agraphopus (Leptoceraea) viridis* (Jakovlev, 1873)**

2 ♂♂ and 7 ♀♀ — S. E. Iran, Baluchestan, valley of the river Sarbaz, 11 km. N. of Sarbaz, 1.—2. 4. 1973 (loc. no. 145), 1 ♂ and 1 ♀ — S. E. Iran, Baluchestan, 3 km. N. of Rask, 2.—3. 4. 1973 (loc. 146), 1 ♂ and 12 ♀♀ — S. E. Iran, Baluchestan, Bahu-Kalat, 68 km. S. of Rask, 3.—4. 4. 1973 (loc. no. 147), 1 ♀ — S. E. Iran, Baluchestan, Tis, 6.—7. 4. 1973 (loc. no. 150), 2 ♀♀ — S. E. Iran, Baluchestan, 13 km. S. S. E. of Nikshahr, valley of the river Nikshahr, 8.—9. 4. 1973 (loc. no. 152), 1 ♂ and 1 ♀ — S. E. Iran, Baluchestan, 25 km. W. of Ghasre-Ghand, 9.—10. 4. 1973 (loc. no. 153), 2 ♂♂ and 4 ♀♀ — E. Iran, Kerman province, Mohammad-abad, 35 km. N. N. W. of Sabzevaran, 3.—5. 5. 1973 (loc. no. 187), 2 ♀♀ — S. Iran, Kerman province, Dowlatabad, 85 km. E. of Hajiabad, 8.—9. 5. 1973 (loc. no. 192), 1 ♀ — S. Iran, Kerman province, 7 km. W. of Kahkom, 20 km. S. W. of Hajiabad, 28. 5. 1973 (loc. no. 215), 1 ♂ and 5 ♀♀ — S. Iran, Kerman province, Gardaneh-e Besan, 15 km. N. W. of Furk, 1000—1400 m., 28.—29. 5. 1973 (loc. no. 218), 1 ♂ — S. Iran, Fars, Tang-e

Chogan-e Olia, ruins of Bishapur, 1000 m., 10. 6. 1973 (loc. no. 233), 1 ♀ — S. Iran, Fars, Konardan, 36 km. E. of Gav Bandi, 210 m., 23.—24. 4. 1977 (loc. no. 309), 4 ♀♀ — S. Iran, Hormozgan province, 7 km. W. of Bandar-e Charak, 24.—25. 4. 1977 (loc. no. 311), 1 ♀ — S. Iran, Hormozgan province, Kuh-e Genu, 1600—2100 m., 5. 5. 1977 (loc. no. 322), 1 ♂ — S. Iran, Hormozgan province, Bagh-e Tang, 6 km. W. of Genu, 410 m., 7.—9. 5. 1977 (loc. no. 323), 1 ♂ — S. Iran, Hormozgan province, Minab, 13. 5. 1977 (loc. no. 328), 2 ♂♂ and 2 ♀♀ — S. Iran, Hormozgan, Senderk, S. of Bashagerd, 220 m., 12.—13. 5. 1977 (loc. no. 327), 1 ♀ — S. Iran, Hormozgan province, Bila'i, 40 m., 13.—14. 5. 1977 (loc. no. 329), 1 ♀ — E. Iran, Sistan, Kuh-e Khvajeh, 490 m., 3.—5. 6. 1977 (loc. no. 357). Collected by the Czechoslovak-Iranian expeditions.

Species of Mediterranean distribution ranging around the Black and Caspian Sea and penetrating to Soviet Middle Asia, China and Pakistan; in S. W. Asia recorded from Turkey, Cyprus, Israel and Iran: Sistan, Putshkov 1986 and N. E. Iran, Göllner—Scheiding 1983], Sistan, Berag [Hoherlandt 1959, as *Leptoceraea femoralis* (Horv.)].

#### **Agraphopus (Agraphopus) lethierryi Stål, 1872**

5 ♂♂ and 3 ♀♀ — N. Iran, Tehran province, Robate-Tork, 29. 6. 1970 (loc. no. 34), 1 ♀ — S. Iran, Hormozgan, 7 km. W. of Bandar-e Charak, 24.—25. 4. 1977 (loc. no. 311), 2 ♂♂ — S. Iran, Hormozgan, Issin, 28. 4.—6. 5. 1977 (loc. no. 320), 1 ♂ and 1 ♀ — S. Iran, Hormozgan, Bagh-e Tang, 6 km. W. of Genu, 410 m., 50 km. N. of Bandar Abbas, 1.—9. 5. 1977 (loc. no. 323), 2 ♂♂ — S. Iran, Hormozgan, Ziarat, 23 km. N. W. of Bila'i or 57 km. S. of Minab, 14.—15. 5. 1977 (loc. no. 330), 1 ♀ — S. E. Iran, Kerman province, Kuh-e Lalehsar, Ghanat-e Marvan, 3000—3100 m., 24. 5. 1977 (loc. no. 346), 2 ♀♀ — E. Iran, Sistan, Kuh-e Khajeh, 490 m., 3.—5. 6. 1977 (loc. no. 357). Collected by the Czechoslovak-Iranian expeditions.

Species of Mediterranean origin penetrating in Soviet Middle Asia, China, N. India and Afrotropical region; in S. W. Asia recorded from Cyprus, Turkey, Syria, Israel and Iran [Putshkov 1986].

#### **Agraphopus (Agraphopus) suturalis Reuter, 1900**

1 ♂ — N. W. Iran, Azarbaidjan, Zonus Chay, 66 km. W. of Marand, 20. 6. 1970 (loc. no. 25), 1 ♂ — N. Iran, Tehran province, Kushke-nosrat, 28. 6. 1970 (loc. no. 33), 3 ♂♂ and 5 ♀♀ — N. Iran, Tehran province, Robat-e Tork, 29. 6. 1970 (loc. no. 34), 1 ♀ — E. Iran, Kerman province, Mohammad-abad 35 km. N. N. W. of Sabzevaran, 1600 m., 3.—5. 5. 1973 (loc. no. 187), 1 ♂ — S. Iran, Kerman province, 24 km. S. S. W. of Haji-abad, 9.—10. 5. 1973 (loc. no. 194), 2 ♂♂ and 1 ♀ — S. Iran Hormozgan, Hassan Langi, 62 km. E. of Bandar Abbas, 16.—17. 5. 1973 (loc. no. 200), 3 ♂♂ — S. Iran, Hormozgan, Minab, 19.—20. 5. 1973 (loc. no. 203), 1 ♀ — S. Iran, Hormozgan, 20 km. S. E. of Minab, 21. 5. 1973 (loc. no. 204), 2 ♀♀ — S. W. Iran, Khuzestan, Mollassani, 45 km. N. W. of Ahwaz, 90 m.,

13.—14. 4. 1977 (loc. no. 288), 1 ♂ — S. W. Iran Khuzestan, 40 km. N. of Ahwaz, 70 m., 15.—16. 4. 1977 (loc. no. 291), 1 ♀ — S. Iran, Hormozgan, Bangh-e Tang, 6 km. W. of Genu, 50 km. N. of Bandar Abbas, 410 m., 7.—9. 5. 1977 (loc. no. 323), 1 ♀ — S. Iran, Hormozgan, Minab, 13. 5. 1977 (loc. no. 328), 1 ♂ — S. E. Iran, Kerman province, South Lut, Shahdad, 670 m., 31. 5.—1. 6. 1977 (loc. no. 352), 6 ♂♂ and 8 ♀♀ — E. Iran, Sistan, Kuh-e Khajeh, 490 m., 3.—5. 6. 1977 (loc. no. 357), 1 ♂ — N. E. Iran, Khorassan, 36 km. N. of Gonabad, 830 m., 7.—8. 6. 1977 (loc. no. 361), 1 ♂ — N. W. Iran, Azarbaidjan, 20 km. N. of Shahpur, 27. 7. 1977 (loc. no. 405). Collected by the Czechoslovak-Iranian expeditions.

Species of Eremian distribution, ranging through Soviet Middle Asia (Buchara, Turkomanistan, Tadjikistan) as far as Afghanistan, Sudan, Israel, Egypt and Iran: Baluchestan, Iranshahr, Seidenstücker 1957 and Zahedan, Wagner 1968 as *Agraphopus pallens* K. Schmidt; Putshkov 1986.

### ***Chorosoma gracile* Josifov, 1968**

1 ♂ — N. Iran, Mazandaran, Alborz, Damavand, Lajran (Ab-Garm), 2400 m., 21. 7. 1970 (loc. no. 64), 2 ♀♀ — S. Iran, Fars, Mian Jangal, 30. 5.—5. 6. 1973 (loc. no. 223), 2 ♂♂ — S. Iran, Fars, E. Zagros, 29 km. E. of Yassuj and 10 km. N. W. of Karun, 2300 m., 16.—17. 6. 1973 (loc. no. 245), 1 ♀ — N. Iran, Tehran — Evin, 1700 m., 26. 6.—2. 7. 1973 (loc. no. 260), 1 ♀ — S. Iran, Kerman province, Saghdar, 30 km. N. N. E. of Sabzevaran and 6 km. S. of Mohammad-abad, 1650 m., 17.—19. 5. 1977 (loc. no. 337), 1 ♀ — N. E. Iran, Khorassan, 36 km. N. of Gonabad, 830 m., 7.—8. 6. 1977 (loc. no. 361), 1 ♀ — N. E. Iran, Khorassan, Kuh-e Hezar Masjed, 25 km. S. W. of Kalat-e Naderi, 1600 m., 11.—12. 6. 1977 (loc. no. 363), 3 ♂♂ and 4 ♀♀ — N. E. Iran, Khorassan, Hares-abad, 10 km. S. of Sabzevar, 940 m., 15.—16. 6. 1977 (loc. no. 368), 1 ♂ and 1 ♀ — N. E. Iran, Khorassan, Sabzevar, 16. 6. 1977 (loc. no. 369), 1 ♂ — N. Iran, Mazandaran, 53 km. N. of Dasht, Golestan forest, 960 m., 18.—19. 6. 1977 (loc. no. 375), 1 ♀ — N. Iran, Mazandaran, Nahar Khoran, 6 km. E. S. E. of Gorgan, 21. 6. 1977 (loc. no. 377). Collected by the Czechoslovak-Iranian expeditions.

Further material examined — 1 ♂ and 1 ♀ — W. Iran, Bakhtiari, Zardkuh, 2400 m., 16. 8. 1976 collected by H. Burumand and A. Pazuki, 1 ♀ — N. Iran, Gorgan, Hutton, 7. 6. 1956 collected by M. Safavi, 1 ♀ — S. Iran, Fars, Zagros, Kohkiluyeh, 12 k. S. E. Sisakht, 1920 m., 15. 8. 1978 collected by A. Pazuki and H. Burumand.

Species of East-Mediterranean distribution, penetrating to Southern parts of USSR, Kazkhstan and Turkey. From Iran previously not recorded, first record.

### ***Chorosoma schillingii* (Schilling, 1829)**

1 ♂ — N. Iran, Tehran province, Alborz, Kuhhayeh Tochal, 2000—2500 m., 18.—19. 7. 1970 (loc. no. 59), 1 ♂ and 1 ♀ — S. Iran, E. Zagros, 29 km. E. of Yassuj, 2300 m., 16.—17. 6. 1973 (loc. no. 245), 2 ♂♂ and 1 ♀

— N. W. Iran, Azarbaidjan 30 km. N. W. of Mianeh, 5. 7. 1973 (loc. no. 265), 1 ♂ and 5 ♀♀ — N. Iran, Tehran province, 8 km. N. E. of Ziaren, 2400 m., 10.—16. 7. 1977 (loc. no. 400). Collected by the Czechoslovak-Iranian expeditions.

Species of Mediterranean origin penetrating far to the North and to steppe zone of USSR, Soviet Middle Asia and Afghanistan. In S. W. Asia recorded from Turkey, Cyprus, Israel, Iraq and Iran: N. Iran, Gharagadj near Varamin (Brown 1966, Putshkov 1986).

## Conclusion

All species of the family Rhopalidae in the fauna of Iran belong to seven different distributional elements of Palaearctic region (in disregard to Cosmopolitan species *Liorhyssus hyalinus* (Fab.)).

The summary of respective faunal elements in Iranian Rhopalidae is given in following survey:

Species of wide Palaearctic distribution:

*Corizus hyoscyami* (Lin.)

*Rhopalus* (R.) *parumpunctatus* Schill.

*Rhopalus* (R.) *subrufus* (Gmel.)

*Stictopleurus punctattonervosus* (Goeze)

*Stictopleurus crassicornis* (Lin.)

Species of Euro-Siberian distribution:

*Brachycarenum tigrinus* (Schill.)

*Rhopalus* (A.) *maculatus* (Fieb.)

*Rhopalus* (R.) *distinctus* (Sig.)

*Rhopalus* (R.) *conspersus* (Fieb.)

Species of Mediterranean distribution:

*Stictopleurus riveti* Royer

*Maccevethus errans caucasicus* (Kol.)

*Agraphopus* (L.) *viridis* (Jak.)

*Agraphopus* (A.) *lethyerryi* Stål

*Chorosoma gracile* Jos.

*Chorosoma schillingii* (Schill.)

Species ranging in Middle Asia and mountainous areas of S. W. Asia:

*Brachycarenum languidus* (Horv.)

*Limacocarenum curtulus* Kirit.

*Stictopleurus angustus* Reut.

*Maccevethus corsicus persicus* Jak.

Species with restricted distribution to Middle Asia:

*Corizomorpha janowskyi* Jak.

Species with restricted distribution to S. W. Asia:

*Corizus fenestella fenestella* (Horv.)

Species of Eremian distribution:

*Stictopuleurus ribauti* Vid.

*Agraphopus* (A.) *suturalis* Reut.

Species of Cosmopolitan distribution:

*Liorhyssus hyalinus* (Fab.)

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