

Contribution to the knowledge of the Iranian Orthopteroid insects I. (Plates 61, 62)

by

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The present paper contains faunistical data on 157 Iranian Orthopteroid insects (*Grylloidea* 4, *Stenopelmatoidea* 2, *Tettigonioidea* 33, *Acridoidea* 110, *Phasmatodea* 1, *Blattodea* 5, *Dermaptera* 2) collected mostly by the Hungarian zoological expeditions during the last nine years. One species (*Labidura riparia* (PALLAS, 1773)) is new to the fauna of Iran.

The nomenclature used follows Eades, D.C. & D. Otte. *Orthoptera Species File Online*. Version 2.0/3.4. [retrieval date]. <<http://Orthoptera.SpeciesFile.org>>.

Keywords: Orthopteroid insects, Iran, faunistic, taxonomy.

Introduction

The Orthoptera fauna of Iran is relatively well known as a result of several entomological, and in particular Orthopterological, expeditions. The earliest explorations of this vast country were led by Russian explorers during the last years of 19th Century. The first scientific reports were the publications by UVAROV, B. P. (1912- 1942), RAMME, W. (1939, 1952) and later ALEXANDROV, N.V. (1947). The first comprehensive study on the Iranian Orthoptera was included in the volumes on the Orthoptera fauna of the late Soviet Union and adjacent territories by BEY-BIENKO, G. J. and MISTSHENKO L. L. (1948-1965). Meanwhile, the expeditions of RICHTER, W., SCHAUFFEL, F. KRAL, K. in 1954 and 1956 also provided a huge amount of *Orthoptera* material from Iran, details of which were elaborated and published by BEY-BIENKO, G. J. in 1958 and 1960.

In 1963, the definitive paper on the Iranian Acridoidea of SHUMAKOV, E.M. was issued, which included several unpublished data on Iranian Orthoptera on material collected by the former Russian expeditions (by ZARUDNOVO in 1885-1901, KIRICHENKO, A.N., NESTEROV, P.V. & FON-VICA S.N. in 1914, SHIYAZOV, M.M. in 1927, MORITZ, N. A. in 1928, MAKSIMOV, V.A. in 1930-1931, PERDTSHENKI & MISTSHENKO in 1930-1931) and from the collection of the Zoological Institute in St Petersburg (= Leningrad).

The Orthoptera material from the Czechian entomological expeditions to Iran during the 1970's was published in the series by ČEJCHAN, A. (1969, etc.).

In the scientific exploration of the Iranian Orthoptera fauna, some excellent Iranian Orthopterologists from the middle of the last century have had an essential role, such as MIRZAYANS, H., HASHEMI, A., SOLTANI, A. A., later NEYESTANAK, M.M. and HODJAT S.H.). As a result of their scientific activity, an enormous collection of *Orthoptera* is deposited in the Plant Pests and Diseases Research Institute, Tehran, Iran, from which faunistical contributions and description of newly discovered species were been published (MIRZAYANS H., 1951, 1959, 1969, 1990, 1991, 1998; HASHEMI, A. 1976; SOLTANI, A. A., 1978; NEYESTANAK, M.M. 2000 a,b,c; 2002, 2003) NEYESTANAK, M.M. & GHANBALANI, G.N. (2000).

Since the end of the 20th Century, there have been several Hungarian entomological expeditions to Iran to continue the research, their discoveries having produced more and more Orthopteroid material from various parts of Iran. In the present paper, a faunistic checklist and data on the Orthopteroid insects which were collected are given, together with material donated by some foreign amateur entomologists. The *Mantodea* and some other Orthopteroid taxa from the collected material, which require further study, are not included here.

Material and method

During our own expeditions, all the standard methods of collecting *Orthoptera* were used. Most of the *Caelifera* were collected by day, by systematic searching and netting. Some *Acrotylus*, *Aiolopus*, *Eremippus*, *Sphingonotus*

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species are active also at night and were then taken by lamping and with the use of a black light trap. Species of the genera *Nocarodes*, *Paranothrotres*, *Saxetania*, *Tropidauchen* are most easily found at early sunrise, when they become active, but are still sluggish. Most *Ensifrea* species are not very active during the hot daytime hours and lie hidden in bushes or under stones. We found most of them at night by torchlight, locating the males by their voice and finding females with them, or finding the singing males on vegetation, waiting for the females. In some cases, especially the wingless ones, they were found on the ground, either hunting or searching on foot for other sex. Many interesting species were found in the container of the black light trap, or near the trap, where they had been hunting during the night, or next morning under stones in the vicinity of the trap. The *Grylloidea*, *Blattodea*, *Labidura* and most of the *Mantodea* were also collected at night, by lamping or with the use of a torch. Some other entomological expeditions were conducted by specialists in other insects, who collected *Orthoptera* for us only accidentally or with standard insect net, or provided us with specimens collected at light.

The identification was checked by the author using the publications referring to the Iranian Orthoptera, especially by the Russian and Iranian specialists and the series of Orthoptera species files of Mr. DANIEL OTTE, Orthoptera Species File Online by EADES, D.C. & OTTE D. <[HTTP://ORTHOPTERA.SPECIESFILE.ORG](http://Orthoptera.SpeciesFile.org)> (see in the references). The *Gratidia spinulosa* BRUNNER V. WATELWYL, 1907 was identified by Mr. OLIVER ZOMPRO.

List of localities

Expedition of A. GARAI & P. GYULAI in 2000

1. IRAN, Prov. Azerbaijan, Kuha -ye-Sabalan Taran - Nir, 2100 m., 20 -21. 08. 2000 (1. Nir/2000)
2. IRAN, Prov. Azerbaijan, 25 km of Khartal, 4 km N of Kivi, 1500 m., 21. 08. 2000. (2. Kivi/2000)
3. IRAN, Prov. Azerbaijan, pass to Esalim, 2450 m., 21 -22. 08. 2000 (3. Esalim/2000)
4. IRAN, Prov. Gilan, n. Cabukser, 150 m., Caspian sea shore, 22. 08. 2000. (4. Cabukser/2000)
5. IRAN, Prov. Mazandaran, C - Alborz, Mazandaran v., 15 km E of Razan, 1100 m., 22 - 23. 08. 2000. (5. Razan/2000)
6. IRAN, prov. Mazandaran, C. Alborz Mts., 1500 m., Mazandaran v., 8 km E of Razan, 22 - 23. 08. 2000. (6. Razan/2000)
7. IRAN, Prov. Mazandaran, C. Alborz Mts., 1700 m., Mazandaran v., 15 km W of Taker to Balade ; 23. 08. 2000. (7. Taker/2000)
8. IRAN, Prov. Mazandaran, C. Alborz Mts., 2400 m., Mazandaran v., 5 km E of Minac; 23 - 24. 08. 2000 (8. Minac/2000)
9. IRAN, Prov. Mazandaran, C. Alborz Mts., 2500 m., Mazandaran v., 5 km W of Minac; 23 - 24. 08. 2000. (9. Minac I/2000)
10. IRAN, Prov. Mazandaran, C - Alborz, Mazandaran v., 9 km W of Minac, 3150 m., 23 - 24. 08. 2000. (10. Minac II/2000)
11. IRAN, Prov. Mazandaran, Alborz, Demavend, n. Lardam, 2700m., 24 - 25. 08. 2000. (11. Lardam/2000)
12. IRAN, Prov. Khorasan, near Aliabad, 25. 08. 2000. (12. Aliabad/2000)
13. IRAN, Prov. Khorasan, Golestan NP, 2000 m., Karabyl - Gharet, 25 -26. 08. 2000. (13. Gharet/2000)
14. IRAN, Prov. Khorasan, Kopet Dag, 2100 m., 1 km W of Jevenly, 27 - 28. 08. 2000. (14. Jevenly/2000)
15. IRAN, Prov. Khorasan, Jowzak NP, 1350 m., 2 km W of Jowzak, 28 - 29. 08. 2000. (15. Jowzak/2000)
16. IRAN, Prov. Khorasan, Golestan NP, 10 km W of Karabyl, 29. 08. 2000. (16. Karabyl/2000)
17. IRAN, Prov. Mazandaran, C. Alborz, 800 m., 20 km N of Geshlagh, 29. 08. 2000. (17. Geshlagh/2000)
18. IRAN, Prov. Mazandaran, C- Alborz, 1750 m., Geshlagh valley, 29 -30. 08. 2000., (18. Geshlagh valley/2000)
19. IRAN, Prov. Esfahan, Kùhha Qohrud range, 1500 m., 25 km SE of Kasan, 3 - 4. 09. 2000. (19. Kasan/2000)
20. IRAN, Prov. Esfahan, 2850 m., C - Zagros ,Golestan Khuh NP, 10 km S of Khansar 5 - 6 . 09. 2000 (20. Khansar/2000)
21. IRAN, prov. Hamadan, Avadj pass, 2400 m., near Razan, 6 - 7. 09. 2000. (6. Razan/2000)
22. IRAN, Prov. Hamadan, Komijan - Farmahin, 2000 m.; 6. 09. 2000. (22. Farmahin/2000)
23. IRAN, Prov. Zanjan, 2 km SW of Takestan, 1800 m.; 7. 09. 2000. (23. Takestan/2000)
24. IRAN, Prov. Sarqi, 1500 m., 45 km W of Miyane, 7- 8. 09. 2000. (24. Miyane/2000)

Expedition of A. GARAI & P. GYULAI in 2001

25. IRAN, prov. Azerbaijan, E-Sharqi, Evoglu, near Marand, 10 -11. 09. 2001. (25. Evoglu/2001)
26. IRAN, prov. Azerbaijan, E-Sharqi, Kuh-e-Qoshrud, 25 km SE of Bostanabad, 1800 m; 10 -11. 09. 2001. (26. Bostanabad/2001)
27. IRAN, prov. Zanjan, 2350m., W - Alborz range, Tarom v., 20 km NE of Zanjan, 11 - 12. 09. 2001. (27. Zanjan/2001)
28. IRAN, prov. Tehran, C- Alborz, 2800m., Azad - Ber, 12 -13. 09. 2001. (28. Azad-Ber/2001)
29. IRAN, prov. Mazandaran, C- Alborz, 2600m., Nur valley, 13. 09. 2001. (29. Nur/2001)
30. IRAN, prov. Mazandaran, C-Alborz, n. pass, 3100 m., Mazandan valley, 13-14. 09. 2001 (30. Mazandaran pass/2001)
31. IRAN, prov. Mazandaran, 2400 m., C- Alborz, Mazandaran valley, 2 km W of Vniknamde, 14 - 15. 09. 2001 (31. Vniknamde/2001)
32. IRAN, Prov. Tehran, Alborz, Demavend, n. Lardam, 2700m., 15 -16. 09. 2001., (32. Lardam/2001)
33. IRAN, prov. Esfahan, C-Zagros, 2080 m., 5 km NE of Tharg, 17-18. 09. 2001. (33. Tharg/2001)
34. IRAN, prov. Esfahan, C- Zagros, 2600m., 2 km NE of Semirom, 18 -19. 09. 2001. (34. Semirom/2001)
35. IRAN, prov. Boyerahmad-va- Kohgiluyeh, SE- Zagros, 2900m., Kuh-e-Dena, n. Bijan pass, 6 km N of Cisakht; 19 - 20. 09. 2001. (35. Bijan/2001)
36. IRAN, prov. Boyerahmad-va- Kohgiluyeh, SE- Zagros, 2400 m., Kuh-e-Dena, 5 km SW of Cisakht, 20 - 21. 09. 2001. (36. Cisa- kht/2001)
37. IRAN, prov. Esfahan, 2750m., C- Zagros, Golestan Kuh, 10 km S of Khansar, 21 - 22. 09. 2001. (37. Khansar/2001)
38. IRAN, prov. Azerbayejan, E-Sharqi; Kùh-e-Qoshrud, 25 km SE of Bostanabad, 1800 m.; 24 - 25. 09. 2001. (38. Bostanabad II/2001)

Expedition of A. GARAI & P. GYULAI in 2002

39. IRAN, prov. Azerbayegan, E-Sharqi, Kuh-e-Qoshrud, 25 km SE of Bostanabad, 1800 m; 4 - 5. 05. 2002. (39. Bostanabad/2002)
40. IRAN, prov. Busher, Kazerun, 5. 05. 2002., (40. Kazerun/2002)
41. IRAN, prov. Ilam, 75 km E of Ilam to Darresahr; 6 - 7. 05. 2002. (41. Darresahr/2002)
42. IRAN, prov. Lorestan, 7,5 km to Bababahram vill., N of Peldokhtan, Bababahram valley; 7 - 8. 05. 2002. (42. Bababahran/2002)
43. IRAN, prov. Esfahan, C-Zagros, 3 km W of Tangkoloreh; 9. 05. 2002. (43. Tangkoloreh/2002)
44. IRAN, prov. Boyerahmad-va-Kohgiluyeh, SE- Zagros, 2400 m., Kuh-e-Dena, 5 km SW of Sisakht, 10 - 11. 05. 2002. (44. Sisa-kht/2002)
45. IRAN, prov. Fars, Zagros, 5 km above Thangebolhayat (to Shiraz), 1750m., 11 -12. 05. 2002. (45. Thange/2002)
46. IRAN, prov. Fars, Zagros, 7 km N of Sivand, 12 -13. 05. 2002. (46. Sivand/2002)
47. IRAN, prov. Lorestan, 5 km NE of Khoramabad, 13. 05. 2002 (47. Khoramabad/2002)
48. IRAN, prov. Fars, 5 km NE of Khorambid, 13. 05. 2002 (48. Khorambid/2002)
49. IRAN, prov. Yazd, 2200m., Shirkuh Mts., 6 km W of Taft -Aliabad; 13 -14. 05. 2002. (49. Taft I/2002)
50. IRAN, prov. Esfahan, Khuh-e Kohrud, 3 km SE of Natanz, 14 - 15. 05. 2002. (50. Natanz I/2002)
51. IRAN, prov. Esfahan, 7 km NW of Natanz, 15 - 16. 05. 2002 (51. Natanz II/2002)
52. IRAN, prov. Azerbaijan, E-Sharqi, 10 km NW of Miyane; 17 - 18. 05. 2002. (52. Miyane I/2002)
53. IRAN, prov. Azerbaijan, E-Sharqi, 7 km NW Miyane; 29 - 30. 09. 2002 (53. Miyane II/2002)
54. IRAN, prov. Mazandaran, C- Alborz, Nur valley, 2400m.; 1. 10. 2002. (54. Nur/2002)
55. IRAN, Prov. Mazandaran, C.-Alborz, Chalus - Yush road crossing, 1. 10. 2002. (55. Yush/2002)
56. IRAN, prov. Mazandaran, C- Alborz, 3 km W of the Kendevevan tunel, Gachsar, 1. 10. 2002. (56. Kendevevan/2002)
57. IRAN, prov. Tehran, C- Alborz, Azad - Beer, 2800m., 1 - 2. 10. 2002. (57. Azad-Beer/2002)
58. IRAN, prov. Esfahan 7 km NW of Natanz (to Kashan), Kuh-e-Karkas, 1500 m., 2 - 3. 10. 2002. (58. NatanzIII/2002)
59. IRAN, prov. Esfahan, Kuh-e-Karkas, 1700m., 3 km SE of Natanz, 3 - 4. 10. 2002. (59. NatanzIV/2002)
60. IRAN, prov. Yazd, 2200m., Shirkuh Mts., 6 km W of Taft-Aliabad; 4 - 5. 10. 2002. (60. Aliabad/2002)
61. IRAN, prov. Fars, 5 km NE of Khorambid, 5. 10. 2002. (48. Khorambid/2002)
62. IRAN, prov. Fars, Zagros, 7 km N of Sivand, 5 - 6. 10. 2002. (62. Sivand/2002)
63. IRAN, prov. Fars, Zagros, 15 km SE of Dasht-e Arjan, 6. 10. 2002. (63. Arjan/2002)
64. IRAN, prov. Fars, Zagros, 5 km above Thangebolhayat (to Shiraz), 1750m., 6 - 7. 10. 2002. (64. Thangebolhayat/2002)
65. IRAN, prov. Boyerahmad-va-Kohgiluyeh, SE- Zagros, 35 km S E of Yasuj, 2600m., 7 - 8. 10. 2002. (65. Yasuj/2002)
66. IRAN, prov. Markazi, 35 km SE of Erak, 8. 10. 2002 (66. Erak/2002)
67. IRAN, prov. Boyerahmad-va-Kohgiluyeh, SE- Zagros, 2400 m., Kuh-e-Dena, 4 km SW of Sisakht; 9. 10. 2002. (44. Sisa-kht/2002)
68. IRAN, prov. Esfahan, C - Zagros, 1950m., 25 km SW of Sahreza, 9 - 10. 10. 2002. (68. Sahreza/2002)
69. IRAN, prov. Esfahan, C - Zagros, 15 km SE of Daran, 10. 10. 2002. (69. Daran/2002)
70. IRAN, prov. Esfahan, 2750m., C - Zagros, Golestan Khuh, 10 km S of Khansar, 10 - 11.10. 2002. (70. Khansar/2002)
71. IRAN, prov. Hamadan, 2550m., C- Zagros, Kuh-e Alvand, 15 km S of Hamadan, n. pass, 11 - 12. 10. 2002. (71. Hamadan/2002)
72. IRAN, prov. Hamadan, Razan pass, 2400 m., 5km SW of Razan, 12. 10. 2002. (72. Razan/2002)
73. IRAN, prov. Azerbaijan E-Sharqi, 7 km NW of Miyane; 12 - 13. 10. 2002. (73. Miyane III/2002)
74. IRAN, Prov. Hamadan, Razan pass, 2400 m., 3km N of Razan, 12. 10. 2002. (74. Razan/2002)

Expedition of A. GARAI & P. GYULAI in 2003

75. IRAN, prov. Azerbaijan, E - Sharqi, 7 km NW of Miyane; 15 - 16. 10. 2003 (75. MiyaneI/2003)
76. IRAN, prov. Zanjan, 2350m., W-Alborz range, Tarom v., 20 km NE of Zanjan, 16 - 17. 10. 2003. (76. Zanjan/2003)
77. IRAN, prov. Mazandaran, C - Alborz, Nur valley, 2300m.; 17 - 18. 10. 2003. (77. Nur/2003)
78. IRAN, prov. Esfahan 7 km NW of Natanz (to Kashan), Kuh-e-Karkas, 1500 m., 18 - 19. 10. 2003. (78. NatanzI/2003)
79. IRAN, prov. Esfahan, Kuh-e-Karkas, 1700m., 3 km SE of Natanz, 19 - 20. 10. 2003. (79. NatanzII/2003)
80. IRAN, prov. Boyerahmad- va-Kohgiluyeh, SE- Zagros, near Margon, 2700 m., 21 - 22. 10. 2003. (80. Margon/2003)
81. IRAN, prov. Boyerahmad-va-Kohgiluyeh, SE- Zagros, 2500 m., Kuh-e-Dena, 2 km N of Sisakht; 22 - 23. 10. 2003. (81. Sisa-kht/2003)
82. IRAN, prov. Boyerahmad-va-Kohgiluyeh, SE- Zagros, 35 km S E of Yasuj, 2600m., 23 - 24. 10. 2003. (82. Yasuj/2003)
83. IRAN, prov. Busher, S - Zagros, near Dalekhi, 400 m. 24 - 25. 10. 2003 (83. Dalekhi/2003)
84. IRAN, prov. Fars, S - Zagros, 7 km N of Sivand; 26 - 27. 10. 2003. (84. Sivand/2003)
85. IRAN, Prov. Hamadan, Razan pass, 2400 m., 10 km SW of Avadj, 28-29. 10. 2003. (85. Avadj/2003)

Expedition of A. GARAI & P. GYULAI in 2005

86. IRAN, prov. Azerbaijan, E-Sharqi, 10 km NW of Miyane; 31.05.- 01. 06. 2005. (86. Miyane I/2005)
87. IRAN, prov. Hamadan, 5 km SW of Avadj pass to Razan, 2500 m., 01 - 02. 06. 2005. (87. Avadj/2005)
88. IRAN, prov. Hamadan, 8 km S of Arak , 02 - 03. 06. 2005. (88. Arak/2005)
89. IRAN, prov. Esfahan, C-Zagros, SW of Mahallat, 03. 06. 2005 (89. Mahallat/2005)
90. IRAN, prov. Esfahan, C - Zagros, 3 km S of Mara; 03. 06. 2005. (90. Mara/2005)
91. IRAN, prov. Esfahan, C - Zagros, 2600 m., 2 km NE of Semirom, 03 - 04. 06. 2005 (91. Semirom/2005)
92. IRAN, prov. Esfahan, C-Zagros, KÙh-i Sirun Baseki, to Sisakht; 4. 06. 2005 (92. Baseki/2005)
93. IRAN, prov. Boyerahmad-va-Kohgiluyeh, SE- Zagros, Kuh-e-Dena, 2450 m; 5 km SW of Sisakht, 04-05. 06. 2005 (93. Dena/2005)
94. IRAN, prov. Boyerahmad-va- Kohgiluyeh, SE- Zagros, 3000 m, Kuh-e-Dena, n. Bijan pass, 6 km N of Sisakht; 5 - 6. 06. 2005. (94. Bijan/2005)

95. IRAN, prov. Boyerahmad-va-Kohgiluyeh, SE-Zagros, 35 km SE of Yasuj, 2600m., 06 - 07. 06. 2005. (95. Yasuj/2005)
96. IRAN, prov. Busher, Kunar Takhte, 07. 06. 2005. (96. Kunar/2005)
97. IRAN, prov. Busher, 2 km N of Borazjan, 250 m.; 07. 06. 2005. (97. Borazjan/2005)
98. IRAN, prov. Busher, S -Zagros, Thang e Ram, near Dalekhi, 400 m., 07 - 08. 06. 2005. (98. Daleki/2005)
99. IRAN, prov. Busher, 47 km S of Kazerun, 08. 06. 2005. (99. Kazerun/2005)
100. IRAN, prov. Fars, S-Zagros, 8 km NE of Thangebolhayat (to Shiraz), 1750m., 08 - 09. 06. 2005. (100. Thange/2005)
101. IRAN, prov. Fars, S -Zagros, 45 km W of Shiraz, n. Hoseyn Abad, 09 . 06. 2005. (101. Hoseyn Abad/2005)
102. IRAN, prov. Fars, S - Zagros, 25 km W of Shiraz ; Deh Seykh, 09 . 06. 2005. (102. Deh Seykh/2005)
103. IRAN, prov. Fars, S - Zagros, 40 km SW of Sivand; 09 -10. 06. 2005. (103. Sivand/2005)
104. IRAN, prov. Fars, 1700m., SE - Zagros Zagros, Safashar; 10. 06. 2005. (104. Safashar/2005)
105. IRAN, prov. Yazd, Shirkuh Mts., 6 km NW of Taft -Aliabad, 2200m., 10 - 11. 06. 2005 (105. Taft/2005)
106. IRAN, prov. Yazd, 1600m., Shirkuh Mts., 1 km SW of Eslamiieh; 11. 06. 2005 (106. Eslamiieh/2005)
107. IRAN, prov. Esfahan, Kuh - e - Karkas, 1600m., 7 km NW of Natanz, 11 - 12. 06. 2005. (107. Natanz I/2005)
108. IRAN, prov. Esfahan, Kuh - e - Karkas, 1700m., 3 km SE of Natanz, 11 - 12. 06. 2005. (108. Natanz II/2005)
109. IRAN, prov. Zanjan, 2350m., W - Alborz range, Tarom v., 20 km NE of Zanjan, 13 - 14. 06. 2005. (109. Zanjan/2005)
110. IRAN, prov. Azerbaijan , E - Sharqi, 10 km NW of Miyane; 14 - 15. 06. 2005.(110. Miyane II/2005)

Expedition of A. GARAI & P. GYULAI in 2006

111. IRAN, prov. Azerbaijan E-Sharqi, Kuh-e-Qoshrud, 1800m., 25 km SE of Bostanabad to Charachaman, 12-13. 09. 2006. (111. Charachaman/2006)
112. IRAN, Prov. Tehran, C. Alborz Mts., 2550 m., Qazvin to Alamout , 13 - 14. 09. 2006 (112. Quazvin/2006)
113. IRAN, Prov. Semnan, E. Alborz Mts., 2300 m., 20 km E of Semnan, 14 - 15. 09. 2006 (113. Semnan/2006)
114. IRAN, Prov. Semnan, E- Alborz, 2400 m., Khoshyela, 15 - 16. 09. 2006 (114. Khoshyela/2006)
115. IRAN, Prov. Khorasan, Jowzak NP, 1350 m., 2 km W of Jowzak, 16 - 17. 09. 2006 (115. Jowzak/2006)
116. IRAN, Prov. Khorasan, 38 km NW of Binaloud, 18 - 19. 09. 2006. (116. Binaloud/2006)
117. IRAN, Kerman, 2 km W of Zeyn-od-Din (to Mehriz), 1600 m., 22 -23. 09. 2006 (117. Mehriz/2006)
118. IRAN, prov. Esfahan, Kuh - e - Karkas, 1700m., 3 km SE of Natanz, 23 -24. 09. 2006. (118. Natanz/2006)
119. IRAN, prov. Tehran, natron flat n. W shore of Nemek lake, ~1100 m., 85 km SE of Tehran; 24-25. 09. 2006 (119. Natronflat/2006)

Expedition of K. GASKÓ in 1999 and 2000

120. IRAN , prov. Fars, Yasug, Zagros Mts., 4. 15. 1999 (120. Yasug/1999)
121. IRAN, prov. Bahtaran, Zagros Mts., Mahmud Abad, 40 km W of Kermansah, 12 -13. 4. 2000. (121. Mahmud/2000)
122. IRAN, prov. Hormozgan, Bastak, Kùh-e Puh-al-e Hamir Mts., 18. 4. 2000. (122. Bastak/2000)
185. IRAN, prov. Khorasan, (near Kùh-e Binalud) Dogan, 27-28. 2000. (186. Dogan /2000)
123. IRAN, prov. Khorasan, Kopet Dagh., Piscalc, 29. 4. - 1. 5. 2000.(123. Piscalc II/2000)
124. IRAN , prov. Kordestan, Zagros Mts., Zageje Bala, 16 -17. 6. 2000. (124. Zageje Bala/2000)
125. IRAN , prov. Markazi, Zagros Mts., Far, 17 -18. 6. 2000. (125. Far/2000)
126. IRAN, prov. Lorestan, Zagros Mts., Sepidas, 25 km S of Dorud, 20-21. 06. 2000. (126. Sepidas/2000)
127. IRAN, Lorestan, Zagros Mts., Bidak, 21 -22. 6. 2000. (127. Bidak/2000)
128. IRAN, prov. Fars, Dehdib, Kuh-e Hatan, 22 6. 2000 (128. Dehdib/2000)
129. IRAN , prov. Fars, Sangar, Zagros Mts. (Shiraz - Yasag), 22 -23. 6. 2000. (129. Sangar/2000)
130. IRAN , prov. Fars, Safe Abad (to Lar), 23 - 24. 6. 2000. (130. Safe Abad/2000)
131. IRAN , prov. Fars, Zagros Mts, Fasa, 23 - 24. 6. 2000 (131. Fasa/2000)
132. IRAN , prov. Hormozgan, Taizan (near Bander E Abbas), 24 - 25. 6. 2000. (132. Taizan/2000)
133. IRAN , prov. Khorasan, 10 km W of Mashad, 26 -27. 6. 2000. (133. Mashad/2000)
134. IRAN, prov. Khorasan, Kopet Dagh, Bargovein Mts., Sahrkohne, 27. 6. 2000. (134. Sahrkohne/2000)
135. IRAN, prov. Tehran, Elburz Mts., 2800 m., Demavend, 30.6.-1.7.2000 (135. Demavend/2000)

Expedition of T. HÁCZ & G. KÓSZEGI in 1999 and 2000

136. IRAN, Prov. Kordestan, Zagros Mts., 1800 m., Sanandagh, 18 - 19. 5. 1999 (136. Sanandagh/1999)
137. IRAN, prov. Khorasan, W - Kopet Dagh, Garmob, 800 m., 1. 6. 1999 (137. Garmob/1999)
138. IRAN, prov. Mazandaran, Azad Shar , 2. 6. 1999. (138. Azad Shar/1999)
139. IRAN, Prov. Zanjan, Shorkeh Dizay, 7. 06. 1999 (139. Dizay/1999)
140. IRAN, prov. Esfahan, Kashan, 900 m., 8-9. 04. 2000 (140. Kashan/2000)
141. IRAN, prov. Fars, Khomer, 3000m., 12-13. 04. 2000 (141. Khomer/2000)
142. IRAN, Prov. Busher, Deilan, 16. 04. 2000. (142. Deilan/2000)
143. IRAN, prov. Esfahan, Kashan, 900 m., 18. 04. 2000 (143. Kashan/2000)
144. IRAN, prov. Kerman, Kuh-e Madvar, 20 - 21. 04. 200. (144. Madvar/2000)
145. IRAN, prov. Tehran, Alborz Mts., Sahrak, 1800 m., 02. 07. 2000. (145. Sahrak/2000)
146. IRAN, prov. Hamadan, Zagros Mts., 25 km SE of Nehavand, 2000 m., 09. 07. 2000 (146. Nehavand/2000)
147. IRAN, prov. Kordestan, Kuh-e Garin, Gaslamab, 09. 07. 2000 (147. Gaslamab/2000)
148. IRAN, prov. Tehran, Dizin, 2600m., 11. 07. 2000. (148. Dizin/2000)
149. IRAN, prov. Khorasan, Kopet Dagh, Qucan, 2000 m., 13. 07. 2000. (149. Qucan/2000)
150. IRAN, prov. Boyerahmad-va Kohgiluyeh, SE-Zagros, Gachsran, Behbahan, 16. 07. 2000 (150. Behbahan/2000)

Expedition of Gy. FÁBIÁN & K. VIGH in 1999 and 2001

151. IRAN, prov. Esfahan, C-Zagros, Shahreza, 1. 05. 1999 (151. Shahreza/1999)
152. IRAN, prov. Azerbaijan-e Garbi, 1600 m., 16 km E of Mahabad, 45°35'12"E, 36°51'13"N, 26. 04. 2001. (152. Mahabad/2001)

153. IRAN, prov. Kordestan, 1600 m., 25 km N of Sanandagh, 45°59'14"E, 35°28'27"N, 27. 04. 2001. (153. Kordestan/2001)
 154. IRAN, prov. Esfahan, 2200 m., near Shareza, 12 km N of Qasr-e Cham; 51°44'13" E, 31° 50'14" N; 01. 05. 2001 (154. Qasr-e Cham/2001)
 155. IRAN, prov. Fars, 2500 m., 175 km NE of Shiraz, 53°11'10" E; 30° 42' 21"N, 02. 05. 2001 (155. NE Shiraz/2001)
 156. IRAN, prov. Fars, 1600 m., 25 km W of Shiraz, 52°10'11" E; 28° 42'11"N, 05. 05. 2001 (156. Shiraz/2001)
 157. IRAN, prov. Busher, 900 m., 25 km N of Borazgan, 51°17'16" E 29° 36'06" N, 07. 05. 2001 (157. Borazgan/2001)
 158. IRAN, prov. Markazi, 830 m., Houz-e Soltan, 3 km S of Kusk-e Nosrat, 50°55'26" E 35° 05'14" N, 09. 05. 2001. (158. Nosrat/2001)
 159. IRAN, prov. Gilan, Talesh Mts., 12 km E of Gilvan, 300 m., 15. 05. 2001 (159. Gilan/2001)
 160. IRAN, prov. Zanjan, 2350 m., 30 km NE of Zanjan, 49°51'12"E, 36°46'23"N, 16. 05. 2001. (160. Zanjan/2001)
 161. IRAN, prov. Azerbaijan, Marand, 18. 05. 2001 (161. Marand/2001)

Expedition of Gy. FÁBIÁN & K. SZÉKELY in 1999

162. IRAN, prov. Fars, 5 km S of Khomer, 2900 m., 51° 51'10" E; 30° 27'15" N, 19.04.1999. (162. Khomer/1999)
 163. IRAN, prov. Fars, Saadat-Shah, 1900 m., 53° 12'38" E; 30° 5'21" N, 20.04.1999. (163. Saadat/1999)
 164. IRAN, prov. Mazandaran, Ghare Ghach, 2000m., 24.04.1999. (164. Ghare/1999)
 165. IRAN, prov. Azerbaijan, 25 km E of Bostanabad, 1700 m., 47° 2'10" E; 37° 32'20"N; 30.04.1999 (165. Azerbaijan/1999)

Expedition of T. HÁCZ in 2004

166. IRAN, prov. Fars, 30 km NW of Qir, 11. 04. 2004. (166. Qir/2004)
 167. IRAN, prov. Fars, near Mahlakeh, 12. 04. 2004. (167. Mahlakeh/2004)
 168. IRAN, prov. Hormozgan, near Haji Abad, 14. 04. 2004 (168. Haji Abad/2004)
 169. IRAN, prov. Kerman, near Sirjan, 15. 04. 2004. (169. Sirjan/2004)

Expedition of I. JUHÁSZ in 1999 and 2000

170. IRAN, prov. Khorasan, Bozgan, Binaloud Mt., 27.04. 1999. (170. Bozgan/1999)
 171. IRAN, prov. Tehran, on the route to Demavend, April. 2000 (171. Demavend/2000)
 172. IRAN, prov. Khorasan, Kopet Dagh., Piscale, 29-30. 04. 2000. (172. Piscale/2000)

Expedition of FÁBIÁN Gy., SZÉCSÉNYI L., SZÉKELY K. in 2000

173. IRAN, prov. Markazi, 830 m., Houz-e Soltan, 3 km S of Kusk-e Nosrat, 50°55'26" E 35° 05'14" N, 28. 06. 2000. (173. Nosrat/2000)

Expedition of V. MAJOR in 1999 and 2005

174. IRAN, Fars prov., 2500 m., Zagros Mts., Dasht Arzhan, 8-10. 6. 1999., (174. Arzhan/1999)
 175. IRAN, Boyer Ahmed, Kühgilüye prov, Dinar Mts., 2600 m., Meymand, 16-17.6.1999. (175. Meymand/1999)
 176. IRAN, prov. Khorasan, Kuh-e Gamal, 20 km W of Deyhuk, 2200 m, 1. 6. 2005. (176. Deyhuk/2005)

Expedition of V. GURKO in 2000 and 2005

177. IRAN, prov. Tehran, Qom; 20.06.2000. (177. Qom/2000)
 178. IRAN, prov. Azerbaijan-e-Garbi, 20 km E of Makoo, 1000 m., 17. 07. 2005 (178. Makoo/2005)
 179. IRAN, prov. Yazd, 50 km W of Yazd, 400 m., 20. 07. 2005 (179. Yazd/2005)

Expedition of M. SZATYOR in 1998

180. IRAN, prov. Kordestan, Azerbaijan, 1998. 09. 8-12. (180. Azerbaijan/1998)
 181. IRAN, Kordestan, Zagros Mts., 1998. 09. 12-14. (181. Zagros/1998)

Expedition of A. KOVACS in 1995

182. IRAN, Prov. Tehran, E side of Demavend Mt., 1,5 km SW of Rieneh, 2200 m., 1995.08.24. (182. Rieneh/2005)

Expedition of Gy. FÁBIÁN in 2000

183. IRAN, prov. Zanjan, 2350 m., W-Alborz range, Tarom valley, 20 km NE of Zanjan, 24. 10. 2000. (183. Zanjan/2000)
 184. IRAN, prov. Gilan, Talesh Mts., 12 km E of Gilvan, 49° 11' 58" E, 36° 45' 52" N, 26. 10. 2000 (184. Gilan/2000)

Expedition of T. HÁCZ in 2005

185. IRAN, prov. Boyer Ahmad, 15 km N of Vazag, Kuh-e Dinar, N 30°30,140'; E 51° 42,376'; 2350 m., 29-30. 06. 2005 (185. Vazag/2005)

Abbreviations:

♂ = male; ♀ = female

Ensifera

Grylloidea

Gryllidae

Gryllinae

Gryllini

Gryllus bimaculatus (De GEER, 1773)

(Synonyms: *Acheta bimaculata* HERBST, 1788; *A. campestris* FABRICIUS, 1775; *A. capensis* FABRICIUS, 1775; *Gryllus interruptus* WALKER, 1869; *G. lugubris* STAL, 1855; *G. marginalis* WALKER, 1869; *G. (Acheta) rubricollis* STOLL, 1813)

Distribution: S-Europe, Africa, tropical Asia

Localities: 2♀, 6. Razan/2000; 1♀, 38. Bostanabad II/2001; 1♀, 36. Sisakht/2001; 1♀, 45. Thange/2002; 1♀, 53. Miyane II/2002; 1♂, 80. Margon/2003; 2♀, 98. Daleki/2005; 1♀, 100. Thange/2005

Modicogryllini

Modicogryllus (Modicogryllus) frontalis (FIEBER, 1845)

(Synonyms: *Gryllus alata* (JACOBSON & V.L. BIANCHI, 1904), *G. caudatus* (SINGER, 1869), *G. hemsdorfensis* (ZELLER, 1856), *G. pubescens* (EVERSMANN, 1859), *Acheta turanicus* (BEY-BIENKO, 1933), *Nemobius fasciatus* (WALKER, F., 1871))

Distribution: Eurasia

Localities: 1♂, 81. Sisakht/2003; 2♂, 162. Khomer/1999; 1♀, 62. Sivand/2002; 1♀, 82. Yasuj/2003

Mogoplistinae

Mogoplistini

Derectaotus alboniger BEY-BIENKO, 1967

Distribution: Iran

Localities: 1♂, 1♀, 93. Dena/2005

Oecanthinae

Oecanthini

Oecanthus turanicus UVAROV, 1912

Distribution: Lower Volga to Central Asia

Localities: 1♂, 15. Jowzak/2000; 1♀, 19. Kasan/2000; 7♂, 4♀, 53. Miyane II/2002; 1♀, 39. Bostanabad/2002; 1♀, 73. Miyane III/2002; 1♂, 64. Thangebolhayat/2002; 4♂, 3♀, 75. Miyanel/2003

Stenopelmatoidea

Gryllacrididae

Lezininae

Lezina zarudnyi ADELUNG, 1902

Distribution: Iran

Localities: 4♂, 163. Saadat/1999; 1m, 64. Thangebolhayat/2002; 1m, 84. Sivand/2003;

(?)*Lezina persica* ADELUNG 1902

Distribution: Iran

Localities: 1♂, 154. Qasr-e Cham/2001; 2♂, 95. Yasuj/2005

Tettigonioidae

Tettigoniidae

Bradyporinae

Callimemus latipes STAL, 1875

(Synonym: *Callimemus ferdinandi* BOLIVAR)

Distribution: Iran

Localities: 5♂, 4♀, 152. Mahabad/2001; 2♂, 4♀, 153. Kordestan/2001

Callimemus multituberculatus (FISCHER VON WALDHEIM, 1833)

(Synonym: *Callimemus brauneri* SHUGUROV, 1906; *C. obesus* FISCHER VON WALDHEIM, 1830)

Distribution: Europe (SW-Russia); N-Caucasus, Iran
Localities: 2♂♂, 1♀, 156. Shiraaz/2001; 9♂♂, 7♀♀, 155. NE Shiraaz/2001; 3♂♂, 89. Mahallat/2005; 1♂, 90. Mara/2005; 1♂ 104. Safashar/2005

Conocephalinae
Conocephalini

Conocephalus (Anisoptera) discolor THUNBERG, 1815
(Synonyms: *Conocephalus fuscus turanicus* SEMENOV, 1916, *C. (A.) dilatatus* RAMME, 1951, *Locusta fuscus* (FABRICIUS, 1793), *Xiphidium thoracicus* (FISCHER VON WALDHEIM, 1846), *X. concolor* (BOLIVAR, 1876-1878), *X. ponticus* (NEDELKOV, 1907))

Distribution: Europe, Palearctic Asia, N-Africa

Localities: 1♂, 4. Cabukser/2000

Copiphorini

Ruspolia nitidula (SCOPOLI, 1786)
(Synonyms: *Conocephalus ambiguus* (STAL, 1876), *C. ambiguus macroptercus* (BOLIVAR, 1890), *C. (Homorocoryphus) eurostratus* (JANNONE, 1936), *C. ambiguus minor* (BOLIVAR, 1890), *Locusta mandibularis* (GERMAR, 1817), *L. tuberculata* (ROSSIUS, 1790), *L. erythrosoma* (SAINT-FARGEAU & SERVILLE, 1825))

Distribution: Europe, Africa, Asia

Localities: 2♀♀, 4. Cabukser/2000

Phaneropterinae
Acrometopini

Acrometopa syriaca BRUNNER-WATTERWYL, 1878
(Synonyms: *Acrometopa elsae* WERNER, 1937, *Acrometopa festae* GIGLIO-TOS, 1893)

Distribution: East Aegean Islands (Samos, Vathy), Turkey, W- Asia, Lebanon, Syria, Iran

Localities: 1♂, 147. Gaslamab/2000; 2♂♂, 178. Makool/2005

Barbitistini

Dasycercodes iranicus BEY-BIENKO, 1951

Distribution: Iran

Localities: 1♂, 71. Hamadan/2002

Leptophyes (synonym *Haschtara*) **iranica** RAMME, 1939

Distribution: Iran

Localities: 1♀ (larva), 51. Natanz II/2002; 1♀, 57. Azad-Beer/2002

Orthocercodes zarudnyi UVAROV, 1929

Distribution: Iran

Localities: 1♂, 1♀, 50. Natanz I/2002; 2♂♂, 4♀♀, 107. Natanz I/2005; 2♂♂, 2♀♀, 89. Mahallat/2005; 1♂, 1♀, 106. Eslamiieh/2005; 1♀, 105. Taft/2005; 1♂, 109. Zanjan/2005

Polysarcus elbursianus (UVAROV, 1929)
(Synonym: *Poecilimon rechingeri* WERNER, 1939)

Distribution: N-Iran

Localities: 3♂♂, 3♀♀, 171. Demavend/2000

Phaneropterini

Nephoptera robusta (BEY-BIENKO, 1951)

Distribution: SW-Iran

Localities: 1♀, 64. Thangebollahay/2002

Phaneroptera cretacea UVAROV, 1929

Distribution: Iran

Localities: 1♂, 33. Tharg/2001

Phaneroptera falcata SERVIELLE, 1835

(Synonyms: *Locusta libellula* (STOLL, C., 1787), *Phaneroptera litifolia* SERVILLE, 1831, *Ph. sinensis* UVAROV, 1933)

Distribution: from Middle and S-Europe throughout Palaearctic Asia, N- and C- China, Japan with a wide distribution

Localities: 5♂♂, 2♀, 15. Jowzak/2000; 1♂, 64. Thangebolyhayat/2002; 1♀, Daleki/2003

Phaneroptera sparsa STAL, 1857

(Synonyms: *Phaneroptera conspersa* STAL, 1874, *Ph. lurida* WALKER, 1869, *Ph. tetrasticta* GERSTAECKER, 1869, *Ph. punctulata* BURR, 1900, *Ph. sexpunctata* NAVAS, 1928, *Ph. tenuicerca* RAMME, 1951, *Ph. africana* STEINMANN, 1966)

Distribution: Africa S of the Sahara, Lebanon, Turkey, Iran

Localities: 1♂, 1♀, 98. Daleki/2005

Tylopsini

Tylopsis lilifolia (FABRICIUS, 1793)

(Synonyms: *Tylopsis lilifolia* BOLIVAR, 1877, *Phaneroptera margineguttata* (SERVILLE, 1838), *Ph. praeusta* (Fischer von WALDHEIM, 1846), *Centrophorus spinosus* (FISCHER VON WALDHEIM, 1846), *Locusta thymifolia* (PETAGNA, 1792), *L. gracilis* (GERMAR, 1817))

Distribution: SW-, SE, E- Europe, Crimea, Caucasus, Azerbaijan, Iran

Localities: 1♂, 167. Mahlakeh/2004

Saginae

Sagini

Saga ehippigera ehippigera FISHER VON WALDHEIM, 1846

(Synonyms: *Saga monstrosa* KRAUSS, 1879, *S. uvarovi* RAMME, 1951)

Distribution: The Levante, Turkey, Caucasus range, Azerbaijan, NW-Iran

Localities: 1♂, 110. Miyane II/2005

Tettigoniinae

Decticini

Decticus albifrons (FABRICIUS, 1775)

(Synonym: *Decticus aeolicus* GUARINO, 1935)

Distribution: Europe, from Spain to Turkey, Madeira N-Africa, Palestine, Caucasus, Iraq, Iran,

Localities: 1♂, 178. Makoo/2005

Tessellana veyseli (KOCAK, 1984)

(Synonym: *T. vittata* (CHARPENTIER, 1825))

Distribution: Europe, W-Siberia, C-Asia, Caucasus, Iran

Localities: 1♂, 1♀, 112. Quazvin/2006; 1♂, 115. Jowzak/2006

Platycleidini

Platycleis (Platycleis) escalerae iranica ZEUNER, 1930

Distribution: Iran

Localities: 1♀, 180. Azerbaijan/1998; 2♀♀, 181. Zagros/1998; 1♂, 98. Daleki/2005; 1♀, 111. Charachaman/2006

Platycleis (Platycleis) intermedia mesopotamica RAMME, 1927

Distribution: Iraq, Iran

Localities: 1♂, 7. Taker/2000; 1♀, 15. Jowzak/2000; 1♀, 147. Gaslamab/2000; 1♀, 40. Kazerun/2002; 2♀♀, 45. Thange/2002; 1♀, 76. Zanjan/2003; 1♀, 88. Arak/2005; 1♀, 95. Yasuj/2005; 3♂♂, 4♀♀, 108. Natanz II/2005

Platycleis (Decorana) capitata UVAROV, 1917

Distribution: W- Asia, N-Iran

Localities: 1♂, 1♀, 181. Zagros/1998; 1♂, 2♀♀, 20. Khansar/2000

Remarks: the ovipositor of the specimens which were examined is somewhat longer (12,0-15,0 mm), than stated in the original description. The examples collected in Kordestan province are larger (body 24,5 mm; pronotum 8,5 mm; tegmina: 5,1 mm; hind femur 25 mm; ovipositor 15 mm).

Platycleis spec.

Localities: 1♀, 9. Minac I/2000

(body 20 mm; pronotum 6,1 mm; tegmina 11 mm; hind femur 20,8 mm; ovipositor 12 mm)

Localities: 1♀, 124. Zageja Bala/2000 (body 17 mm; pronotum 5,5 mm; tegmina 4,7 mm; hind femur 21,1 mm; ovipositor 13mm)

***Uvarovistia (U.) zebra* (UVAROV, 1916)**

Distribution: Lebanon, Syria, E-Turkey, N-Iraq, NW-Iran

Localities: 8♂♂, 7♀♀, 160. Zanjan/2001

***Uvarovistia (U.) bakhtiara* (UVAROV, 1934)**

Distribution: SW-Iran

Localities: 10♂♂, 5♀♀, 43. Tangkoloreh/2002

Tettigoniini

***Medecticus assimilis* (FIEBER, 1835)**

(Synonym: *Decticus syriacus* FIEBER, 1853)

Distribution: Asia-Temperate, Iran

Localities: 2♂♂, 5♀♀, 99. Kazerun/2005

***Mixodusa bocquilloni* (UVAROV, 1917)**

Distribution: Iran

Localities: 1♀, 184. Gilan/2000; 7♂♂, 13♀♀, 20. Khansar/2000; 1♀, 6. Razan/2000; 1♀, 37. Khansar/2001; 1♂, 70. Khansar/2002; 1♀, 74. Razan/2002

***Mixodusa siazovi* (UVAROV, 1929)**

Distribution: Iran

Localities: 2♂♂, 8. Minac/2000

***Pezodrymadusa magnifica* (WERNER, 1901)**

Distribution: Turkey, NW-Iran

Localities: 1♂, 3♀♀, 161. Marand/2001; 1♀, 178. Makoo/2005

***Scotodrymadusa cincta* BEY-BIENKO, 1958**

Distribution: Iran

Localities: 1♀, 107. Natanz I/2005; 1♀, 118. Natanz/2006

***Scotodrymadusa persa* (UVAROV, 1917)**

Distribution: Iran

Localities: 2♂♂, 1♀, 6. Razan/2000; 1♀, 81. Sisakht/2003

Scotodrymadusa spec.

Distribution: Iran

Localities: 1♂, 1♀, 20. Khansar/2000

Remark: In external features similar to *S. persa* (CHOPARD, 1921) but these specimens have tegmina 4.1 – 4.5 mm.

***Tettigonia viridissima* (LINNAEUS, 1758)**

(Synonyms: *Tettigonia viridissima cantatrix* DE GEER, 1773, *T. caudata flava* NEDELKOV, 1907, *T. paoli intermedia* JANNONE, 1937, *T. v. meridionalis* SHUGUROV, 1912, *T. paoli* CAPRA, 1936, *T. trinacriae* JANNONE, 1937)

Distribution: Palaearctic region

Localities: 1♀, 150. Behbahan/2000

Tettigonia caudata (CHARPENTIER, 1845)

(Synonyms: *Tettigonia longicauda* EVERS-MANN, 1848, *T. prasina* FIEBER, 1852, *T. caudata armeniaca* TARBINSKY, 1940, *Conocephalus kolenatii* (FISCHER VON WALDHEIM, 1846))

Distribution: Middle, SE-, S-Europe, SW-Siberia, Caucasus range, Turkey, Levante, Iraq, Iran

Localities: 1♀, 29. Nur/2001

(?) *Bergiola persica* UVAROV, 1928

Distribution: Iran

Localities: 2♀ ♀, 15. Jowzak/2000; 1♀, 6. Razan/2000

Caelifera
Acridoidea
Acrididae
Acridinae
Acridini

Acrida oxicephala PALLAS, 1771

(Synonyms: *Acrida turrita deserti* UVAROV, 1916, *A. caspica* DIRSH, 1949, *A. persa* DIRSH, 1949, *A. turca* DIRSH, 1949)

Distribution: Turkey, N-Caucasus, Transcaucasus, Iran, Afghanistan, Kazakhstan, W- China

Localities: 1♂, 118. Natanz/2006; 1♀, 116. Binaloud/2006

Truxalini

Truxalis mesopotamica DIRSH, 1950

Distribution: Iraq, Iran

Localities: 1♀, 137. Garmob/1999; 1♀, 143. Kashan/2000; 1♀, 156. Shiraz/2001; 2♂♂, 26. Bostanabad/2001; 2♂♂, 88. Arak/2005; 3♂♂, 110. Miyane II/2005

Truxalis eximia EICHWALD, 1830

Distribution: Arabian Peninsula, Turkey, Caucasus, Iran, Beludshistan, India, Russian C-Asia

Localities: 1♀, 137. Garmob/1999; 1♀, 143. Kashan/2000; 1♀, 156. Shiraz/2001

Calliptaminae
Calliptamini

Calliptamus barbarus cephalotes FISHER- WALDHEIM, 1846

Distribution: N-Africa, Caucasus, Turkey, Iran, N-Afghanistan, Kazakhstan, Mongolia, W-China, Siberia

Localities: 6♀ ♀, 181. Zagros/1998; 1♂, 1♀, 38. Bostanabad II/2001; 1♂, 28. Azad-Ber/2001; 1♂, 32. Lardam/2001; 1♀, 68. Sah-reza/2002; 1♂, 2♀ ♀, 66. Erak/2002; 1♂, 76. Zanjan/2003; 3♂♂, 1♀, 178. Makoo/2005

Calliptamus italicus (LINNAEUS, 1758)

(Synonyms: *Gryllus germanicus* (FABRICIUS, 1775), *G. affinis* (THUNBERG, 1815), *Acridium fasciatum* (HAHN, 1836), *Calliptamus italicus blandus* IVANOV, 1888, *C.i. bilineata* PUSCHNIG, 1910, *C.i. anachoretus* BARANOV, 1925, *C.i. gilvognigricans* VORONCOVSKIJ, 1927, *C.i. grandis* RAMME, 1927, *C.i. reductus* RAMME, 1927, *C. i. insularis* RAMME, 1951, *C. afghanus* RAMME, 1952, *C. cerisanus* SERVILLE, 1838, *C. marginellus* SERVILLE, 1838, *C. marmoratus* FISCHER VON WALDHEIM, 1846))

Distribution: N-Africa, Turkey, from Caucasus through Iran, Afghanistan, W-Pakistan, to NW-Mongolia and W-China and W-Siberia

Localities: 1♂, 3♀ ♀, 7. Taker/2000

Calliptamus tenuicercis TARBINSKY, 1930

(Synonyms: *C. italicus aurantiacus* RAMME, 1930, *C. i. aurantipes* RAMME, 1951, *C. i. iracus* MARAN, 1951, *C. i. syriacus* RAMME, 1951, *C. iranicus* RAMME, 1930, *C. persa* UVAROV, 1938)

Distribution: Asia-Minor, Syria, Israel, Iran

Localities: 3♂♂, 11♀ ♀, 181. Zagros/1998; 1♂, 133. Mashad/2000; 1♂, 135. Demavend/2000; 1♂, 1♀, 9. Minac I/2000; 1♂, 6. Razan/2000; 1♂, 4♀ ♀, 7. Taker/2000; 2♂♂, 3♀ ♀, 17. Geshlagh/2000; 1♂, 2. Kivi/2000; 1♂, 53. Miyane II/2002; 1♂, 55. Yush/2002; 4♂♂, 2♀ ♀, 59. NatanzIV/2002; 1♂, 2♀ ♀, 60. Aliabad/2002; 2♂♂, 1♀, 48. Khorambid/2002; 1♂, 63. Arjan/2002; 1♂, 2♀ ♀, 64. Thangebolhayat/2002; 2♂♂, 1♀, 74. Razan/2002;

Calliptamus coelesyriensis GIGLIO-TOS, 1893

(Synonyms: *C. anatolicus* MARAN, 1951, *Kripta coelesyriensis angustus* (UVAROV, 1934), *C. italicus carbonaria* UVAROV, 1914, *C. hissaricus* MISHCHENKO, 1951, *Metromerus intricatus* (MISHCHENKO, 1951))

Distribution: Samos Island, Turkey, Caucasus range, Azerbaijan, NW- and C-Iran

Localities: 1♂, 6. Razan/2000; 1♀, 158. Nosrat/2001; 4♂♂, 1♀, 107. Natanz I/2005; 3♀♀, 108. Natanz II/2005

Sphodromerus luteipes luteipes UVAROV, 1933

Distribution: E-Iraq, NW- Iran

Localities: 1♀, 58. NatanzIII/2002; 4♀♀, 59. NatanzIV/2002; 1♀, 79. NatanzII/2003

Sphodromerus luteipes rubripes UVAROV, 1943

Distribution: NE and E Iran, S-Turkmenia, W-Pakistan

Localities: 1♂, 6. Razan/2000

Cyrtacanthacridinae

Cyrtacanthacridini

Anacridium aegyptium aegyptium (LINNAEUS, 1758)

(Synonyms: *Gryllus nubecula* THUNBERG, 1815, *Acridium tataricum* BURMEISTER, 1838, *A. albidiferum* WALKER, F., 1870, *A. indecisum* WALKER, F., 1870, *Podisma appulum* COSTA, O.G., 1836, *P. campanum* COSTA, O.G., 1836, *Flamiruizia stuardoi* LIEBERMANN, 1943)

Distribution: SW-Europe, Middle-Africa, Asia Minor, Caucasus, Kazakhstan, Iran, Afghanistan

Localities: 1♀, 138. Azad Shar/1999; 1♀, 141. Khomer/2000; 1♂, 157. Borazgan/2001

Anacridium rubispinum BEY- BIENKO, 1948

Distribution: Iran, Afghanistan, W-Pakistan

Localities: 2♂♂, 1♀, 180. Azerbaijan/1998; 1♂, 184. Gilan/2000

Catantopinae

Paraconophymatini

Paraconophyma nana POPOV, 1951

Distribution: Iran (Zagros)

Localities: 1♂, 1♀, 95. Yasuj/2005

Paraconophyma pusilla BEY- BIENKO, 1958

Distribution: Iran (Zagros)

Localities: 5♂♂, 5♀♀, 44. Sisakht/2002; 1♂, 4♀♀, Yasug/2002; 1♀, 82. Yasuj/2003

Egnatiinae

Egnatiini

Charora crassivenosa SAUSSURE, 1888

Distribution: Caucasus, Iran (Alborz)

Localities: 1♂, 7♀♀, 8. Minac/2000; 6♂♂, 1♀, 9. Minac I/2000; 1♀, 31. Vniknamde/2001; 1♂, 2♀♀, 29. Nur/2001; 3♂♂, 56. Kendevan/2002

Charora similis BEY-BIENKO, 1951

Distribution: Iran

Localities: 4♂♂, 2♀♀, 90. Mara/2005; 4♂♂, 3♀♀, 92. Baseki/2005

Charora zarudnyi UVAROV, 1933 (the taxonomic status of this taxon is uncertain)

Distribution: Iran

Localities: 1♀, 181. Zagros/1998; 1♀, 158. Nosrat/2001

Egnatioides coeruleans (KRAUSS, 1893)

Distribution: Iran

Localities: 1♂, 34. Semirom/2001; 2♂♂, 1♀, 60. Aliabad/2002

Egnatioides farsistanicus UVAROV, 1933

Distribution: Iran

Localities: 6♂♂, 6♀♀, 99. Kazerun/2005

Egnatioides spaerifer BEY-BIENKO, 1951

Distribution: Iran

Localities: 1♂, 2♀♀, 146. Nehavand/2000

Egnatius apicalis STAL, 1876

Distribution: from lower Volga range through Kazakhstan, C-Asia and Iran

Localities: 2♂♂, 1♀, 104. Safashar/2005; 1♂, 113. Semnan/2006

Eyprepocnemidinae
Eyprepocnemidini

Eyprepocnemis plorans plorans (CHARPENTIER, 1825)

(Synonyms: *Heteracris consobrina* (WALKER, 1870), *Cyrtacanthacris ornatipes* (WALKER, 1870), *Eyprepocnemis plorans senegalensis* BOLIVAR, 1914, *E. p. pallida* UVAROV, 1921, *Acridium reticulatus* (FISCHER VON WALDHEIM, 1839), *Calliptamus tarsius* (FISCHER VON WALDHEIM, 1846))

Distribution: W- Europe, N-Africa, Levante, Turkey, Caucasus, Iraq, Iran, Afghanistan, W-Pakistan

Localities: 1♂, 13. Ghareh/2000

Heteracris adpersa adpersa (REDTENBACHER, 1889)

Distribution: S-Europe, N-Africa, Cyprus, Arabian Peninsula, Israel, Syria, Iraq, Iran, Caucasus, Kazakhstan, Afghanistan, W-Pakistan

Localities: 1♂, 17. Geshlagh/2000

Gomphocerinae
Arcypterini

Arcyptera (Pararcyptera) microptera elbursiana BEY-BIENKO, 1948

Distribution: N-Iran

Localities: 2♂♂, 2♀♀, 135. Demavend/2000; 2♀♀, 124. Zageja Bala/2000

Arcyptera (Pararcyptera) microptera transcaucasica UVAROV, 1917

Distribution: W-Iran, Caucasus range, Azerbaijan

Localities: 2♂♂, 1♀, 92. Baseki/2005

Leva hemiptera (UVAROV, 1952)

Distribution: Caucasus, Iraq, N-Iran, Kazakhstan, N- Afghanistan, Arabian Peninsula

Localities: 11♂♂, 10♀♀, 8. Minac/2000

Ramburiella foveolata TARBINSKY, 1931

Distribution: Caucasus range, Iran, Afghanistan, W-Pakistan, C-Asia

Localities: 2♂♂, 3♀♀, 50. Natanz I/2002; 5♂♂, 48. Khorambid/2002; 1♂, 90. Mara/2005; 2♂♂, 102. Deh Seykh/2005; 1♂, 104. Safashar/2005

Ramburiella turcomana (FISCHER VON WALDHEIM, 1846)

(Synonyms: *Oedipoda truchomana* FISCHER VON WALDHEIM, 1846, *Stenobothrus formosus* (BECKER, A., 1864))

Distribution: SE-Europe, Turkey, Levante, Iran, Afghanistan, C-Asia

Localities: 1♀, 2. Kivi/2000; 1♂, 1♀, 88. Arak/2005; 1♀, 110. Miyane II/2005

Dociostaurini

Dociostaurus (Dociostaurus) diamesus BEY-BIENKO, 1948

Distribution: Iran

Localities: 2♂♂, 5♀♀, 105. Taft/2005

Dociostaurus (Dociostaurus) maroccanus (THUNBERG, 1815)

(Synonyms: *Gryllus cruciatus* (CHARPENTIER, 1825), *Dociostaurus maroccanus degeneratus* BARANOV, 1925, *D. m. xanthocnema* TARBINSKY, 1932), *Epacromia oceanica* (WALKER, F., 1870), *Oedipoda vastator* (FISCHER VON WALDHEIM, 1833), *Oedaleus pendulus* (STEINMANN, 1965))

Distribution: Canary Islands, Madeira, N-Africa, S-Europe, Turkey, Levante, Caucasus, S-Kazakhstan, Iran, Afghanistan, C-Asia,

Localities: 2 ♀♀, 64. Thangebollahayat/2002; 2 ♀♀, 76. Zanjan/2003; 4 ♀♀, 107. Natanz I/2005; 1 ♂, 1 ♀, 96. Kunar/2005; 1 ♂, 2 ♀♀, 112. Quazvin/2006

Dociostaurus (Dociostaurus) tartarus SHCHELKANOVTSSEV, 1921

Distribution: Caucasus, Iraq, N-Iran, N-Afghanistan, Kazakhstan

Localities: 4 ♂♂, 2 ♀♀, 130. Safe Abad/2000

Dociostaurus (Stauronotulus) hauensteini cappadocicus (AZAM, 1913)

(Synonym: *Dociostaurus iranicus* RAMME, 1951)

Distribution: Caucasus range, Turkey, Syria, Israel, Iran

Localities: 4 ♂♂, 5 ♀♀, 43. Tangkoreh/2002; 3 ♂♂, 1 ♀, 50. Natanz I/2002; 1 ♀, 42. Bababahr/2002; 4 ♂♂, 41. Darresahr/2002; 1 ♂, 46. Sivand/2002; 1 ♂, 91. Semirom/2005; 1 ♂, 5 ♀♀, 108. Natanz II/2005; 2 ♂♂, 2 ♀♀, 86. Miyane I/2005; 1 ♀, 87. Avadj/2005; 2m, 1 ♀, 88. Arak/2005; 1 ♀, 93. Dena/2005;

Notostaurus albicornis albicornis (EVERSMANN, 1848)

Distribution: E-Europe, Caucasus range, Mongolia, W-Siberia, N-Iran

Localities: 1 ♂, 7 ♀♀, 6. Razan/2000; 1 ♀, 114. Khoshyela/2006

Notostaurus anatolicus (KRAUSS, 1896)

(Synonyms: *Stauronotus anatolicus castaneopicta* KRAUSS, 1896, *S. castaneopictus* JACOBSON, 1905)

Distribution: N- and W-Iran, Caucasus range, Turkey, Greece, Syria, Jordan, Israel

Localities: 4 ♀♀, 181. Zagros/1998; 2 ♀♀, 2. Kivi/2000; 1 ♀, 23. Takestan/2000; 1 ♂, 27. Zanjan/2001; 1 ♂, 66. Erak/2002; 1 ♂, 1 ♀, 76. Zanjan/2003; 2 ♂♂, 3 ♀♀, 107. Natanz I/2005; 1 ♀, 108. Natanz II/2005; 2 ♂♂, 2 ♀♀, 112. Quazvin/2006

Remarks: Specimens from the C- and S-Zagros are slightly different, and further investigation is required.

Eremippus guttatus MISTSHENKO, 1951

Distribution: Iran

Localities: 4 ♂♂, 2 ♀♀, 32. Lardam/2001;

Eremippus tenellus MISTSHENKO, 1951

Distribution: Armenia, Iran (Azerbaijan)

Localities: 1 ♂, 2 ♀♀, 184. Gilan/2000

Eremippus persicus UVAROV, 1929

(Synonym: *Stenohippus uvarovi* MORITZ, 1928)

Distribution: Armenia, Iran, Turkmenistan, S-Kazakhstan, Afghanistan, Uzbekistan

Localities: 1 ♂, 1 ♀, 146. Nehavand/2000; 2 ♂♂, 50. Natanz I/2002; 2 ♂♂, 1 ♀, 51. Natanz II/2002; 8 ♂♂, 3 ♀♀, 59. Natanz IV/2002; 1 ♂, 65. Yasuj/2002; 1 ♂, 63. Arjan/2002; 3 ♂♂, 5 ♀♀, 80. Margon/2003; 1 ♀, 82. Yasuj/2003; 1 ♂, 79. Natanz II/2003; 5 ♂♂, 5 ♀♀, 83. Dalekhi/2003; 1 ♂, 168. Haji Abad/2004; 1 ♂, 119. Natronflat/2006

Gomphocerini

Chorthippus (Chorthippus) albomarginatus karelini (UVAROV, 1910)

Distribution: Ural region, Iran

Localities: 5 ♂♂, 3 ♀♀, 38. Bostanabad II/2001; 1 ♀, 85. Avadj/2003

(?) *Glyptobothrus macrocerus assimilis* (MISHCHENKO, 1951)

Distribution: W-Asia

Localities: 5 ♂♂, 4 ♀♀, 7. Taker/2000

Ochrilidini

Gonista sagitta (UVAROV, 1912)

Distribution: Azerbaijan, Iran, Afghanistan, C-Asia

Localities: 1♀, 159. Gilan/2001

Ochrilidia geniculata (BOLIVAR, 1913)

(Synonyms: *Platypterna pruinosa agedabiae* (SALFI, 1928), *P. kraussi* (BOLIVAR, 1913), *P. ladakiae* (SALFI, 1931), *P. lybica* (SALFI, 1925), *P. nilotica* (SALFI, 1931), *P. pictipes* (UVAROV, 1922), *P. rothschildi* (BOLIVAR, 1913), *P. variopicta* (SALFI, 1931, *Platypternopsis bivittata* (CHOPARD, 1947))

Distribution: Arabian Peninsula, N-Africa, Levante (Syria, Lebanon), Iran, Afghanistan, W-Pakistan

Localities: 2♀♀, 140. Kashan/2000; 1♂, 2♀♀, 168. Haji Abad/2004

Stenobothrini

Stenobothrus weneri iranicus RAMME, 1951

Distribution: Caucasus range, Iran

Localities: 2♂♂, 135. Demavend/2000

Stenobothrus zubowskyi BOLIVAR, 1899

(Synonyms: *Stenobothrus zubovskiy* SHUMAKOV, 1963, *St. zubowskii* ÜNAL, 1997)

Distribution: Turkey, Iran

Localities: 2♀♀, 76. Zanjan/2003

Oedipodinae

Acrotolini

Acrotylus insubricus SCOPOLI, 1786

(Synonyms: *Acrotylus versicolor* BURR, 1898, *A. insubricus biskrensis* MARAN, 1958, *Gryllus fasciatus* FABRICIUS, 1793, *Oedipoda inficita* WALKER, 1870, *Oe. maderae* SERVILLE, 1838, *Oe. a variegata* WALKER, 1870, *Acrydium maculatum* OLIVIER, 1791)

Distribution: S- and E Europe, N-Africa, Turkey, Arabian Peninsula, Iran, W-Pakistan, Afghanistan, India, S-Siberia

Localities: 1♂, 181. Zagros/1998; 1♂, 165. Azerbaijan/1999; 1♂, 129. Sangar/2000; 1♂, 2♀♀, 126. Sepidas/2000; 1♂, 2♀♀, 2. Kivi/2000; 4♂♂, 7♀♀, 17. Geshlagh/2000; 1♂, 184. Gilan/2000; 1♂, 3. Esalim/2000; 1♂, 6. Razan/2000; 6m, 3♀♀, 26. Bostanabad/2001; 1♂, 1♀♀, 53. Miyane II/2002; 1♂, 2♀♀, 64. Thangebolhayat/2002; 3♂♂, 1♀, 66. Erak/2002; 1♀, 51. Natanz II/2002; 3♂♂, 5♀♀, 58. NatanzIII/2002; 1♀, 59. NatanzIV/2002; 1♂, 1♀, 72. Razan/2002; 1♀, 48. Khorambid/2002; 1♀, Miyane III/2002; 1♂, 4♀♀, 63. Arjan/2002; 1♂, 82. Yasuj/2003; 3♂♂, 7♀♀, 80. Margon/2003; 1♂, 91. Semirom/2005; 1♀, 111. Charachaman/2006; 1♂, 116. Binaloud/2006

Aiolopini

Aiolopus thalassinus thalassinus (FABRICIUS, 1781)

(Synonyms: *Aiolopus thalassinus kivuensis* SJÖSTEDT, 1923, *A. acutus* UVAROV, 1953, *Epacromia angustifemur* (GHILIANI, 1869), *E. lurida* (BRANCSIK, 1895), *E. rufipes* (IVANOV, 1888), *Gryllus flavovirens* (FISCHER VON WALDHEIM, 1846), *Acridium grossum* (COSTA, 1836), *A. laetum* (BRULLÉ, 1840))

Distribution: S- and C-Europe, N-Africa, Caucasus, Turkey, Iran, Afghanistan, C-Asia, Indian subcontinent, China, SW-Siberia

Localities: 1♀, 13. Gharet/2000; 4♂♂, 5♀♀, 4. Cabukser/2000; 1♀, 17. Geshlagh/2000; 1♂, 1♀, 55. Yush/2002; 1♀, 53. Miyane II/2002; 1♂, 73. Miyane III/2002; 1♂, 2♀♀, 58. NatanzIII/2002; 1♂, 168. Haji Abad/2004; 1♂, 98. Daleki/2005

Aiolopus simulatrix simulatrix (WALKER, 1870)

(Synonyms: *Epacromia affinis* BOLIVAR, 1902, *Aiolopus strepens deserticola* UVAROV, 1922, *A. laticosta* BOLIVAR, 1912, *Heteropternis savignyi* KRAUSS, 1890)

Distribution: N- and E-Africa, SW-Asia

Localities: 1♂, 1♀, 119. Natronflat/2006

Duroniella lucasii BOLIVAR, 1881

Distribution: S- and N-Africa, Iran, Afghanistan, SW-Asia

Localities: 1♂, 153. Kordestan /2001

Hilethera hierichonica UVAROV, 1923

Distribution: W-Asia, Iran

Localities: 2♂♂, 1♀, 97. Borazjan/2005; 1♀, 130. Safe Abad/2000

Hilethera maculata (KARNY, 1907)

(Synonym: *Lerina buxtoni* UVAROV, 1922)

Distribution: Azerbaijan, Iraq, Iran, Afghanistan

Localities: 3♂♂, 1♀, 140. Kashan/2000; 1♂, 123. Piscale II/2000; 1♀, 119. Natronflat/2006

Locustini

Brunnerella mirabilis SAUSSURE, 1888

Distribution: Armenia, Iran, Turkmenistan

Localities: 1♂, 1♀, 127. Bidak/2000

Remark: ssp. *siasovi* MORITZ, 1928 in Khorasan, Turkmenistan only

Locusta migratoria migratoria LINNAEUS, 1758

(Synonyms: *Pachytylus australis* SAUSSURE, 1884, *Gryllus (Locusta) danicus*, *Locusta gallica* REMAUDIÈRE, 1947, *L. rossica* UVAROV & ZOLOTAREVSKY, 1929, *L. migratoria solitaria* CARTHU, 1955)

Distribution: S- and E- Europe, Iran, C- Asia, W- China, Mongolia, Korea, Siberia

Localities: 1♀, 180. Azerbaijan/1998; 1♀, 159. Gilan/2001; 1♀, 178. Makoo/2005

Oedaleus senegalensis (KRAUSS, 1877)

(Synonyms: *Ctyphippus arenivolans* BUTLER, 1881, *Oedaleus senegalensis dimidiatus* BOLIVAR, 1889, *Oe. mlokosewitshi* BOLIVAR, 1887, *Pachytylus mlokoziewitzcki* BOLIVAR, 1884)

Distribution: S-Europe, N- Africa, Caucasus range, Turkey, Iran, Afghanistan, C- Asia, W-China

Localities: 4♂♂, 3♀♀, 167. Mahlakeh/2004

Oedaleus decorus GERMAR, 1826

Distribution: N- Africa, Caucasus range, W- Asia, C- Asia, W-Pakistan, Afghanistan, N- India

Localities: 2♀♀, 182. Rieneh/2005; 1♀, 181. Zagros/1998; 1♂, 2♀♀, 135. Demavend/2000; 2♂♂, 55. Yush/2002; 1♀, 107. Natanz I/2005

Pyrgodera armata FISHER WALDHEIM, 1846

Distribution: Volga range, Caucasus, Iran, Afghanistan, C- Asia

Localities: 2♂♂, 3♀♀, 131. Fasa/2000; 2♀♀, 135. Demavend/2000; 2♀♀, 145. Sahrak/2000; 1♀, 149. Qucan/2000; 1♂, 146. Nehavand/2000; 1♂, 2♀♀, 124. Zageja Bala/2000; 1♀, 125. Far/2000; 2♀♀, 158. Nosrat/2001; 1♂, 2♀♀, 48. Khorambid/2002; 1♂, 1♀, 88. Arak/2005; 1♀, 108. NatanzII/2005; 1♀, 104. Safashar/2005; 1♀, 109. Zanjan/2005; 1♀, 110. Miyanell/2005; 1♂, 92. Baseki/2005; 1♂, 105. Taft/2005

Scintharista notabilis brunneri SAUSSURE, 1884

(Synonym: *Oedipoda brullei* SAUSSURE, 1884, *Acridium miniatum* BRULLÉ, 1840)

Distribution: N-Iran, Kashmir, NW-India

Localities: 1♂, 129. Sangar/2000

Oedipodini

Mioscirtus wagneri rogenhoferi (SAUSSURE, 1888)

(Synonym: *Mioscirtus varentzovi* ZUBOVSKI, 1896)

Distribution: lower Volga range, Ukraine, Caucasus, Iran, Afghanistan, Kazakhstan, C- Asia, W-China

Localities: 1♀, 129. Sangar/2000; 2♂♂, 1♀, 168. Haji Abad/2004; 1♂, 167. Mahlakeh/2004; 11♀♀, 25. Evoglu/2001; 1♂, 92. Borazjan/2005

Oedipoda caerulescens LINNAEUS, 1758

(Synonyms: *Acrydium coeruleipenne* DE GEER, 1773, *Ctyphippus caerulescens coerulescens* SEOANE, 1878)

Distribution: W-, C- and S-Europe, Turkey, Syria, Iran, W-China

Localities: 1♀, 181. Zagros/1998; 1♀, 54. Nurl/2002

Oedipoda miniata PALLAS, 1771

(Synonyms: *Acrydium germanicum* COSTA, 1833, *Oedipoda gratiosa* SERVILLE, 1838, *Oedipoda perurbana* STEINMANN, 1965, *Oedipoda miniata salina* JACOBSON, 1905, *Gryllus salinus* GMELIN, 1790)

Distribution: Caucasus, Iran, Tajikistan, Afghanistan, W- Pakistan, India, C- Asia, W-Siberia

Localities: 2♀♀, 181. Zagros/1998; 7♂♂, 2♀♀, 24. Miyane/2000; 1♂, 18. Geshlagh valley/2000; 1♂, 1♀, 14. Jevently/2000; 1♂, 1♀, 16. Karabyl/2000; 3♀♀, 17. Geshlagh/2000; 2♂♂, 2♀♀, 6. Razan/2000; 1♂, 1♀, 131. Fasa/2000; 1♀, 129. Sangar/2000; 1♂, 2♀♀, 13. Gharet/2000; 1♂, 1♀, 124. Zageja Bala/2000; 1♀, 2. Kivi/2000; 1♀, 32. Lardam/2001; 1♂, 1♀, Yasug/2002; 1♂, 66. Erak/2002; 1♂, 1♀, 73. MiyaneIII/2002; 2♀♀, 64. Thangebolhayat/2002; 1♂, 1♀, 48. Khorambid/2002; 1♀, 54. Nur/2002; 1♀, 53. MiyaneII/2002; 5♂♂, 10♀♀ NatanzIII/2002; 1♂, 1♀, 76. Zanjan/2003; 1♂, 84. Sivand/2003; 1♂, Miyane I/2003; 2♂, 2♀♀, 182. Rieneh/2005; 1♂, 88. Arak/2005; 1♂, 1♀, 116. Binaloud/2006; 1♀, 112. Quazvin/2006/2006

Oedipoda schochi SAUSSURE, 1884

Distribution: Turkey, Syria, Caucasus, Iran

Localities: 3♂♂, 11♀♀, 181. Zagros/1998; 2♂♂, 5♀♀, 135. Demavend/2000; 3♂♂, 1♀, 9. Minac I/2000; 3♂♂, 32. Lardam/2001; 1♀, 38. Bostanabad II/2001; 3♂♂, 5♀♀, 30. Mazandaran pass/2001; 2♂♂, 3♀♀, 56. Kendevan/2002; 2♀♀, 72. Razan/2002; 2♂♂, 3♀♀, 76. Zanjan/2003; 2♂♂, 104. Safashar/2005; 1♂, 1♀, 112. Quazvin/2006/2006

Sphingonotini

Heliapteryx humeralis (KUTHY, 1907)

Distribution: Turkey, Azerbaijan, Armenia, Iran

Localities: 1♂, 129. Sangar/2000; 1♀, 124. Zageja Bala/2000

Helioscirtus moseri moseri SAUSSURE, 1884

Distribution: Caucasus range, Iraq, Iran, Afghanistan, W-Pakistan, C-Asia, W-China

Localities: 1♀, 158. Nosrat/2001

Pseudocoles persa SAUSSURE, 1884

(Synonyms: *Pseudocoles demavendi* DIRSH, 1949, *D. elbursi* DIRSH, 1949, *P. popovi* DIRSH, 1949, *P. tari* DIRSH, 1949, *Talponema persa ab.violacea* MORITZ, 1928)

Distribution: Armenia, Iran, Turkmenistan

Localities: *ab. roseipennis* 4♀♀, 6. Razan/2000; 2♂♂, 29. Nur/2001; 1♂, 29. Nur/2001; 1♀, 56. Kendevan/2002; *ab.violacea*: 4♀♀, 76. Zanjan/2003; *ab. coeruleipennis*: 1♀, 56. Kendevan/2002

Remark: the aberrations were described in *Sarancevüye fauna SSSR I sopredelnüh stran I-II.* (*Orthoptera* fauna of the USSR and the adjacent countries: 608) by BEY - BIENKO, G.J.- MISTSHENKO, L.L.(1951);

Sphingonotus coerulipes coerulipes UVAROV, 1922

Distribution: Crimea, Lower Volga range, Caucasus, Turkey, Iran, Kazakhstan, Mongolia, S-Siberia

Localities: 3♂♂, 4♀♀, 181. Zagros/1998; 3♂♂, 3♀♀, 17. Geshlagh/2000; 1♂, 1♀, 2. Kivi/2000; 3♀♀, 5. Razan/2000; 1♀, 7. Taker/2000; 1♀, 8. Minac/2000; 3♂♂, 5♀♀, 9. Minac I/2000; 4♂♂, 8♀♀, 6. Razan/2000; 1♀, 22. Farmahin/2000; 1♂, 1♀, 20. Khansar/2000; 1♂, 1♀, 11. Lardam/2000; 1♂, 32. Lardam/2001; 2♂♂, 27. Zanjan/2001; 4♂♂, 3♀♀, 31. Vniknamde/2001; 1♂, 1♀, 56. Kendevan/2002; 1♂, 66. Erak/2002; 3♂♂, 8♀♀, 56. Kendevan/2002; 1♂, 54. Nur/2002; 5♂♂, 3♀♀, 57. Azad-Beer/2002; 1♀, 69. Daran/2002; 1♀, 76. Zanjan/2003; 1♂, 2♀♀, 178. Makool/2005; 1♂, 2♀♀, 114. Khoshyela/2006

Sphingonotus coerulipes kermanicus PREDTETSHENSKII, 1936

Distribution: Iran

Localities: 1♂, 126. Sepidas/2000; 1♀, 129. Sangar/2000; 1♀, 34. Semirom/2001; 1♀, 35. Bijan/2001; 4♂♂, 2♀♀, 65. Yasuj/2002; 1♀, 44. Sisakht/2002; 1♂, 1♀, 60. Aliabad/2002; 2♂♂, 2♀♀, 82. Yasuj/2003; 1♀, 115. Jowzak/2006

Sphingonotus eurasius eurasius MISTSHENKO, 1936

(synonym: *Sph. e. bazylukii* STEINMANN, 1968)

Distribution: Lower Volga range, Precaucasus, Kazakhstan, Near - and Middle East, Iran, Afghanistan, N-Africa

Localities: 1♀, 16. Karabyl/2000; 1♂, 134. Sahrkohne/2000; 1♀, 8. Minac/2000

Sphingonotus fuscus mistshenkoi PREDTECHENSKII, 1936

Distribution: Iran

Localities: 1♂, 38. Bostanabad II/2001; 2♂♂, 24. Miyane/2000; 2♀♀, 58. NatanzIII/2002; 1♂, 59. NatanzIV/2002; 4♂♂, 3♀♀, 68. Sahreza/2002; 3♂♂, 2♀♀, 82. Yasuj/2003

***Sphingonotus nebulosus persa* SAUSSURE, 1884**

Distribution: NE-Turkey, Caucasus, N and W-Iran to C-Iran

Localities: 1♀, 182. Rieneh/2005; 1♂, 4♀♀, 181. Zagros/1998; 1♂, 17. Geshlagh/2000; 1♂, Khorambid/2000; 2♂♂, 1♀, 128. Dehdib/2000; 1♂, 129. Sangar/2000; 1♂, 24. Miyane/2000; 1♀, 31. Vniknamde/2001; 1♀, 58. NatanzIII/2002; 1♀, 101. Hoseyn Abad/2005; 1♂, 178. Makool/2005; 1♂, 2♀♀, 106. Eslamiieh/2005; 5♀♀, 185. Vazag/2005

***Sphingonotus nebulosus discolor* UVAROV, 1933**

Distribution: NE-Iran, W-Pakistan, Tajikistan, Kazakhstan

Localities: 1♂, 137. Garmob/1999; 2♂♂, 1♀, 127. Bidak/2000; 2♂♂, 1♀, 148. Dizin/2000; 1♀, 16. KarabyI/2000; 1♂, 8. Minac/2000; 1♂, 30. Mazandaran pass/2001; 1♀, 29. Nur/2001; 2♀♀, 77. Nur/2003; 1♀, 176. Deyhuk/2005

***Sphingonotus obscuratus brunneri* SAUSSURE, 1884**

Distribution: Iran, Afghanistan

Localities: 1♂, 137. Garmob/1999; 2m, 1f, 158. Nosrat/2001

***Sphingonotus pilosus* SAUSSURE, 1884**

(Synonym: *Sphingonotus pilocus* BEY-BIENKO & MISHCHENKO, 1951)

Distribution: Caucasus range, Turkey, Iran, Turkmenistan

Localities: 1♀, 14. Jevenly/2000; 2♀♀, 18. Geshlagh valley/2000; 6♂♂, 3♀♀, 58. NatanzIII/2002; 1♂, 1♀, 54. Nur/2002; 1♂, 2f, 64. Thangebolhayat/2002; 1♂, 2f, 48. Khorambid/2002; 1♂, 2f, 53. Miyane II/2002; 1f, 70. Khansar/2002; 3♂♂, 2f, 79. NatanzII/2003; 3♂♂, 1f, 83. Dalekhi/2003

***Sphingonotus rubescens rubescens* WALKER, 1870**

Distribution: S- and E-Europe, N-Africa, SW-Asia, W-Pakistan, India, S-Siberia

Localities: 2♀♀, 181. Zagros/1998; 4♀♀, 183. Zanjan/2000; 2♂♂, 3♀♀, 144. Madvar/2000; 19♂♂, 13♀♀, 159. Gilan/2001; 1♀, 27. Zanjan/2001; 1♀, 51. Natanz II/2002; 1♂, 1♀, 146. Nehavand/2000

***Sphingonotus rubescens fasciatus* MISTSHENKO, 1936**

Distribution: Iran, Kazakhstan

Localities: 1♂, 130. Safe Abad/2000; 3♂♂, 7♀♀, 168. Haji Abad/2004; 5♂♂, 2♀♀, 167. Mahlakeh/2004; 1♂, 1♀, 166. Qir/2004; 1♀, 117. Mehriz/2006

***Sphingonotus satrapes decarinatus* UVAROV, 1933**

Distribution: Caucasus range, Israel, Iran, Afghanistan, C-Asia,

Localities: 1♀, 181. Zagros/1998; 9♂♂, 12♀♀, 137. Garmob/1999; 1♂, 184. Gilan/2000; 1♀, 186. Dogan

***Sphingonotus salinus* (PALLAS, 1773)**

(Synonyms: *Sph. suschkini* ADELUNG, 1906, *Oedipoda zinini* (KITTARY, 1849))

Distribution: Lower Volga range, Caucasus, Iran, Afghanistan, C-Asia, W-China

Localities: 1♂, 167. Mahlakeh/2004

***Sphingonotus savignyi savignyi* SAUSSURE, 1884**

Distribution: N- Africa, Palestine, Arabian Peninsula, Azerbaijan, Grusia, Iran, W-Pakistan, C- Asia, Kashmir

Localities: 1♂, 137. Garmob/1999; 2♂♂, 1♀, 158. Nosrat/2001

***Sphingonotus theodori theodori* UVAROV, 1923**

Distribution: Turkey, Israel, Sinai Peninsula, Iran, Afghanistan

Localities: 12♂♂, 7♀♀, 130. Safe Abad/2000; 1♀, 177. Qum/2000

***Sphingonotus theodori iranicus* MISTSHENKO, 1936**

Distribution: Iran

Localities: 4♀♀, 98. Daleki/2005

Trilophidiini

***Trilophidia annulata* (THUNBERG, 1815)**

Distribution: Iran, E- and SE-Asia, Indian subcontinent

Localities: 1♀, Dir (prov. Hormozgan)

Leptopternis gracilis (EVERSMANN, 1848)

(Synonyms: *Sphingonotus angustipennis* (SAUSSURE, 1884), *Sph. grobbeni* (WERNER, F., 1905), *Hyalorrhypis maculipennis* (CHOPARD, 1949))

Distribution: N-Africa, Lower Volga range, Caucasus range, Iran, Afghanistan, C-Asia, W-China, Mongolia

Localities: 1♀, 177. Qum/2000; 1♂, 2♀♀, 173. Nosrat/2000

Acrididae
Teratodinae

Lyrotyloides viridis BEY-BIENKO, 1956

Distribution: SW-Iran

Localities: 1♂, 1♀, 101. Hoseyn Abad/2005

Lyrotylus kermanicus SCHUMAKOV, 1956

Distribution: SW-Iran

Localities: 3♀♀, 68. Sahreza/2002; 1♂, 1♀, 106. Eslamiieh/2005

Lyrotylus modestus BEY-BIENKO, 1956

Distribution: SW-Iran

Localities: 1♂, 49. Taft I/2002; 1♀, 155. NE Shiraz/2001

Dericorythidae
Dericorythinae

Dericorys albidula SERVIELLE, 1838

(Synonyms: *Dericorys acutispina* STAL, 1875, *Derocorystes curvipes* REDTENBACHER, 1889, *Cyphophorus tibialis* FIEBER, 1853))

Distribution: N-Africa, Syria, Iraq, Iran, Afghanistan, Turkmenistan, Uzbekistan, Tajikistan, W-Pakistan

Localities: 1♂, 3♀♀, 127. Bidak/2000; 1♂, 135. Demavend/2000; 1♀, 128. Dehdib/2000; 1♀, 108. NatanzII/2005

Dericorys cyrtosterna UVAROV, 1933

Distribution: Iran

Localities: 2♂♂, 132. Taizan/2000

Dericorys tibialis PALLAS, 1773

(Synonyms: *Dericorys fumipennis* ADELUNG, 1906, *Acridium gibbosum* FISCHER VON WALDHEIM, 1839, *Cyphophorus maculatus* FISCHER VON WALDHEIM, 1846)

Distribution: Caucasus range, Turkey, Iraq, Iran, Afghanistan, C-Asia

Localities: 1♂, 151. Shahreza/1999; 1♂, 184. Gilan/2000

Dericorys xenosterna UVAROV, 1933

Distribution: Iran, W-Pakistan

Localities: 4♀♀, 181. Zagros/1998

Pamphagidae
Nocarodesinae

Nocarodes schelkovnikovi UVAROV, 1917

Distribution: Iran (Zanjan, Kerman)

Localities: 4♂♂, 5♀♀, 160. Zanjan/2001; 1♂, 2♀♀, 76. Zanjan/2003; 7♂♂, 7♀♀, 109. Zanjan/2005

? *Nocarodes crispus* MISHCHENKO, 1951

Distribution: N-Iran

Localities: 4♀♀, 153. Kordestan/2001; 1♀, 160. Zanjan/2001

Nocarodes spec.

Localities: 2♀♀, 156. Shiraz/2001

Bufo

Localities: 1♂, 3♀♀, 87. Avadj/2005; 1♂, 1♀, 109. Zanjan/2005; 1♂, 3♀♀, 49. Taft I/2002; 1♂, 105. Taft/2005; 1♀, 50. Natanz I/2002; 1♀, 158. Nosrat/2001

Prionotropisinae

Eremopeza gibbera reducta (UVAROV, 1934)

Distribution: S-Iran

Localities: 10♂♂, 3♀♀, 99. Kazerun/2005; 1♂, 121. Mahmod/2000; 1♀, Mahlake/2004; 1♂, 157. Borazgan/2001

Eremopeza bicoloripes (MORIC, 1928)

(Synonym: *Eremopeza paludani* RAMME, 1952)

Distribution: SW- and S-Iran, Afghanistan

Localities: 1♂, 136. Sanandagh/1999

Eremopeza gigas (KIRBY, 1914)

(Synonym: *Tmethis hotsoni* UVAROV, 1922)

Distribution: Iran, Pakistan, Indian Subcontinent

Localities: 1♀, 169. Sirjan/2004; 1♂, 176. Deyhuk/2005

Eremopeza cinerascens cinerascens (STAL, 1875)

Distribution: Iran

Localities: 2♂♂, 1♀, 105. Taft/2005; 1♀, 106. Eslamiieh/2005; 1♂, 1♀, 90. Mara/2005

Eremopeza cinerascens virescens (UVAROV, 1933)

Distribution: Iran, Iraq

Localities: 3♂♂, 1♀, 50. Natanz I/2002; 1♀, 107. Natanz I/2005; 1♀, 88. Arak/2005; 1♂, 127. Bidak/2000; 1♂, 2♀♀, 146. Nehavand/2000

Eremopeza saussurei saussurei (UVAROV, 1918)

(Synonym: *Tmethis gibber* UVAROV, 1916)

Distribution: Iran

Localities: 1♂, 131. Fasa/2000

Remark: because the distribution overlaps with that of *E. s. violacea* (UVAROV, 1922) in Fars province, the taxonomic status of this taxon needs further investigation.

Eremopeza saussurei cyanea BEY-BIENKO, 1951

Distribution: Iran

Localities: 8♂♂, 7♀♀, 124. Zageja Bala/2000; 1♂, 125. Far/2000.; 1♂, Nosrat/ 2001; 1♀, 176. Deyhuk/2005; 1♂, 110. Miyane II/2005

Eremopeza saussurei violacea (UVAROV, 1922)

Distribution: Iran

Localities: 5♂♂, 2♀♀, 47. Khoramabad/2002; 5♂♂, 2♀♀, 92. Baseki/2005; 1♂, 93. Dena/2005; 1♂, 2♀♀, Hosseyn Abad/2005; 1♂, 156. Shiraz/2001

Eremotmethis carinatus (FABRICIUS, 1775)

(Synonyms: *Tmethis aegyptius* UVAROV, 1924, *T. moritzi* UVAROV, 1929, *Eremobia continuata* SERVILLE, 1838)

Distribution: N- Africa, Iran, Asia-Temperate

Localities: 1♀, 139. Dizay/1999; 1♀, 122. Bastak/2000

Tropidaucheninae

Paranothrotres opacus apicalis (BOLIVAR, 1912)

Distribution: Iran

Localities: 3♀♀, 152. Mahabad/2001

***Paranothrotres opacus ornatus* MISTSHENKO, 1951**

Distribution: Iran
Localities: 4 ♀♀, 184. Gilan/2000

***Saxetania decumana* MISCHENKO, 1951**

Distribution: Iran
Localities: 1 ♂, 3 ♀♀, 99. Kazerun/2005; 2 ♂♂, 2 ♀♀, 142. Deilan/2000

***Saxetania dehbibi* (DIRSH, 1952)**

Distribution: Iran
Localities: 1 ♂, 3 ♀♀, 127. Bidak/2000; 7 ♂♂, 1 ♀, 48. Khorambid/2002; 1 ♂, 135. Demavend/2000; 1 ♀, 128. Dehdib/2000; 1 ♀, 108. NatanzII/2005; 1 ♂, 157. Borazgan/2001

***Saxetania edentulum* (UVAROV, 1923)**

Distribution: Iran
Localities: 1 ♂, 1 ♀, 49. Taft I/2002

***Saxetania escalerae* (BOLIVAR, 1912)**

Distribution: Iran
Localities: 3 ♂♂, 2 ♀♀, 156. Shiraz/2001

***Saxetania spinosa* MISCHENKO, 1951**

(Synonym: *Saxetania nizwai* DIRSH, 1952)

Distribution: Iran
Localities: 1 ♂, 172. Piscale/2000

***Tropidauchen flavipes* MISTSHENKO, 1951**

Distribution: Iran
Localities: 1 ♂, 3 ♀♀, 127. Bidak/2000; 1 ♂, 135. Demavend/2000; 1 ♀, 128. Dehdib/2000; 1 ♀, 108. NatanzII/2005

***Tropidauchen marginatum* BOLIVAR, 1912**

(Synonym: *Tropidauchen alexandrovi* BEY-BIENKO, 1950)

Distribution: Iran
Localities: 1 ♂, 174. Arzhan/1999; 1 ♀, 175. Meymand/1999; 2 ♂♂, 1 ♀, 141. Khomer/2000; 7 ♂♂, 3 ♀♀, 94. Bijan/2005; 3 ♂♂, 1 ♀, 101. Hoseyn Abad/2005

**Pyrgomorphaeidea
Pyrgomorphidae
Pyrgomorphinae
Chrotogonini**

***Chrotogonus (Chrotogonus) trachypterus robertsi* KIRBY, 1914**

Distribution: Iran, Afghanistan, Pakistan
Localities: 1 ♂, 2 ♀♀, 179. Yazd/2005

Pyrgomorphini

***Pyrgomorpha bispinosa deserti* BEY-BIENKO & MISHCHENKO, 1951**

Distribution: Iran, Afghanistan, C-Asia, India
Localities: 1 ♂, 159. Gilan/2001; 1 ♀, 168. Haji Abad/2004; 1 ♂, 1 ♀, 88. Arak/2005; 1 ♀, 100. Thange/2005; 2 ♂♂, 1 ♀, 98. Daleki/2005

***Pyrgomorpha guentheri* BURR, 1899**

(Synonyms: *P. brachyptera* Bolivar, l., 1884, *P. brevipennis* BOLIVAR, 1904, *P. ozeki* KARABAG, 1953, *Pyrgomorphella predtetschenskii* (BEY-BIENKO, 1951), *P. turcica* (KARABAG, 1961))

Distribution: Caucasus range, Turkey, Iran, Afghanistan, C-Asia
Localities: 2 ♀♀, 38. Bostanabad II/2001; 1 ♀, 28. Azad-Ber/2001; 3 ♂♂, 4 ♀♀, 53. Miyane II/2002; 1 ♀, 64. Thangebolsay/2002

Tetrigoidea
Tetrigidae
Tetriginae

Depressotetrix depressa (BRISOUT DE BARNEVILLE, 1848)

(Synonyms: *Tetrix acuminata* (BRISOUT DE BARNEVILLE, 1850), *T. charpentieri* (FIEBER, 1853), *T. elevata* (FIEBER, 1853), *T. rudis* (WALKER, F., 1871))

Distribution: S-Europe, N-Africa, Iran, Afghanistan

Localities: 13 ♀, 162. Khomer/1999; 1 ♀, 26. Bostanabad/2001

Phasmatodea
Pachymorphidae
Gratidiini

Gratidia spinulosa BRUNNER V. WATELWYL, 1907

Distribution: Iran

Localities: 1 ♀, 73. Miyane III/2002

Blattoptera
Blattidae

Polyphaga aegyptiaca LINNAEUS, 1758

Distribution: N-Africa, SE-Europe, Caucasus range, Turkey, Levante, Iraq, Iran

Localities: 1 ♀, 170. Bozgan/1999

Polyphaga indica WALKER, 1868

Distribution: Iran, India, C- and SE-Asia

Localities: 1 ♂, 103. Sivand/2005; 1 ♂, 100. Thange/2005; 1 ♂, 98. Daleki/2005

Arenivaga persica CHOPARD, 1921

Distribution: Iran

Localities: 4 ♂♂, 19. Kasan/2000; 1 ♂, 50. Natanz I/2002; 1 ♂, 51. Natanz II/2002; 1 ♂, 62. Sivand/2002; 1 ♂, 58. Natanz III/2002; 3 ♂♂, 59. Natanz IV/2002; 4 ♂♂, 79. Natanz II/2003; 1 ♂, 78. Natanz I/2003; 1 ♂, 107. Natanz I/2005

Blatta orientalis LINNAEUS, 1758

Distribution: cosmopolitan

Localities: 2 ♀♀, 164. Ghare/1999; 7 ♂♂, 45. Thange/2002; 5 ♂♂, 100. Thange/2005

Ectobiidae

Ectobius spec.

Localities: 1 ♂, 36. Sisakht/2001

Dermaptera
Forficulidae
Forficulinae

Anechura asiatica SEMENOV, 1903

Distribution: Asia, E-Iran, Afghanistan, W-Tajikistan

Localities: 1 ♂, 2 ♀♀, 1. Nir/2000; 4 ♂♂, 1 ♀, 27. Zanjan/2001; 4 ♂♂, 6 ♀♀, 56. Kendeivan/2002; 1 ♀, 57. Azad-Beer/2002

Labiduridae

Labidura riparia (PALLAS, 1773)

Distribution: Europe, Turkey, Iran, Afghanistan

Localities: 1 ♂, 178. Makoo/2005

Taxonomic and faunistic notes

Most species of Orthoptera show great individual variability in size, colour, wing-length, sometimes in population level as well, depending on the weather, food plant, type and colour of soil and rock, etc. Hence in Iran, populations of the widely distributed species live under very different ecological conditions, and the same species can occur in

very different phenotypes; most of these are only local forms, ecotypes, without a distinct and stable distribution. Even so, several subspecies have been described from Iran, and author is not convinced whether or not they have any real taxonomic value, or if they are really merit subspecific status. This refers especially to some species in which 2-3 subspecies have been described, such as the *Eremopeza saussurei*-complex (*Eremopeza s. saussurei* (UVAROV, 1918), *Eremopeza s. cyanea* BEY-BIENKO, 1951, *Eremopeza s. violacea* (UVAROV, 1922)), the *Eremopeza cinerascens*-complex (*Eremopeza c. cinerascens* (STAL, 1875), *Eremopeza c. virescens* (UVAROV, 1933)) and the *Eremopeza gibbera*-complex (*Eremopeza g. angusta* (UVAROV, 1934), *Eremopeza g. lata* (UVAROV, 1934)) etc. With regard to the distribution of *Eremopeza* subspecies, there is discrepancy among the different publications (MIRZAYAN, 1951, 1960, 1998; HASEMI, 1976; ABIVARDI, 2001). The distributional pattern of each subspecies is shown to overlap, sometimes with that of the nominotypical subspecies, indicating that the subspecific characterisations (or the determination) were incorrect or that some of these taxa do not meet the taxonomic and zoogeographical requirements of subspecific rank. On the distributional maps provided by EADES & OTTE, each subspecies is shown to occur throughout Iran, which must of course be incorrect. This implies that the older descriptions and records based on the body size, body and wing colour, etc., without acceptable (or with poor and few) figures are unreliable. Reliance on these characters alone, especially with older material in collections, is very risky and has given rise to most of the taxonomic errors and uncertainties. Taxonomic investigation at a molecular level is needed to clarify whether the described taxa are really subspecies, or merely local forms. A detailed study of the taxonomic problems concerning the Orthoptera of Iran can establish a comprehensive faunistic and zoogeographical overview.

No new species or subspecies are described here, although there are a few specimens among the material which has yet to be studied that are suspected as being possible new taxa. Detailed investigation of these specimens had to be postponed because the type material of some allied species is deposited in museums to which access is presently impossible. Further, in the case of some undetermined taxa, only one or two specimens have been found or only one of the sexes is represented in the collected material.

Zoogeography

It was not the aim of this essentially faunistic contribution to elaborate on the zoogeography of the Iranian Orthoptera. However, a rather short evaluation of the zoogeography of the species included in this study seemed to be necessary. The terms used here below are based on those used in the publications of de LATTIN (1967), WILTSHIRE (1957), HEPPNER (1991) and HACKER (2001) with slight modifications. It was necessary to introduce the Mediterranean-Iranian-Turkestanian element because a few species have this distributional pattern and the Afro-Palaeotropical because a few species included here occur also in C- and SE-Africa. The zoogeographical categories of the Orthoptera are as follows (there are some uncertain categorizations):

Zoogeographical categories	Number of taxa	% in the rate of the total number (149) of species
Palaearctic-arboreal group	121	81,2
Mediterranean-Iranian-Turkestanian	7	4,7
Ponto-Mediterranean	5	3,4
Anatolian-Iranian	18	12,1
Iranian	56	37,6
Caspian	1	0,7
Turkestanian-Iranian	27	18,1
Siberian	7	4,7
Eremic-group	22	14,8
Syro-Eremic	1	0,7
Irano-Eremic	7	4,7
Turano-Eremic	9	6,0
Pan-Eremic	2	1,3
Saharo-Ermic	3	2,0
Tropical-group	6	4,0
Asiatic-Tropical	2	1,3
Afro-Palaeotropical	4	2,7
Total	149	100,0

In the Palaearctic Arboreal group, most of the taxa are either Iranian, endemic in Iran, or with a narrow distribution pattern near the borders of neighbouring countries. Two other types of fauna elements (Turkestanian-Iranian and Anatolian-Iranian) are also represented by a lot of species, demonstrating well the close evolutionary connections to Asia Minor and Central Asia. In the eremic group, a very similar tendency is seen, but with essentially fewer species, eremic habitats being poor in species. A few species are extremely widely distributed, occurring from the Western Mediterranean to Eastern C-Asia, or from the subtropical-tropical parts of Western Africa to the subtropical and tropical parts of Asia and SE-Asia, adapting to very various extreme circumstances.

In the present paper, 157 species and subspecies of Orthopteroid insects, of which 149 are Orthoptera, with the exception of Mantodea, are included. Previous publications on the Iranian Orthoptera fauna have given very different numbers of taxa. SHUMAKOV (1963) mentioned 269 Caelifera species (without subspecies) from Iran and referred to 44 further species, already recorded in the late Soviet Union and in Pakistan, close to the Iranian border, as potentially occurring in Iran. MIRZAYAN (1959) indicated 383 taxa of Orthopteroid insects (Acroidea 292, Ensifera 53, Grylloidea and Gryllotalpidae 14) including the 24 species of Cockroach, with the exception of Mantodea. During the last fifty years, records of 38 Orthoptera species have been published, as new taxa or new records to the Iranian fauna [RAGGE (1959): 1 species; BEY-BIENKO (1958): 4 species; BEY-BIENKO (1960): 9 species; MIRZAYAN et MORALES (1969): 1 species; KALTENBACH (1980): 1 species; MIRZAYAN (1991): 3 species; GHANBALANI and NEYESTANAK (2000): 7 species; NEYESTANAK (2000 a,b,c): 9 species; ; NEYESTANAK (2003): 2 species; ÜNAL (2006): 1 species].

Judging from the numbers given above and our own investigations, the estimated total of Orthoptera taxa recorded from Iran is currently 421. In future, it is expected that some unconfirmed or misidentified taxa will have to be removed, but on the whole an increase is likely with the discovery of more and more new species. Changes in the number of accepted species are influenced in the following ways:

- some new taxa will be discovered and described following more zoological expeditions and more detailed studies on the larger collections, and several species new to Iran are likely to be found.
- corrections of previous misidentifications and incorrect descriptions, including reassessment of certain synonyms, will also result in readjustments. In a few genera such as *Calliptamus* SERVIELLE, 1831, *Saxetania* MISTSHENKO, 1951, *Tropidauchen* SAUSSURE, 1987 and *Pyrgomorpha* SERVIELLE, 1838, the different taxa can only be identified with difficulty and, especially in the past, errors have occurred.
- taxonomical difficulties, especially at subspecific level, discussed above.

It is anticipated that about 397 Orthoptera taxa will eventually be known from Iran. There has been no available comparison of the number of species of Orthoptera recorded in Iran and that of the whole Palaearctic. BEY-BIENKO, G.J.- MISTSHENKO, L.L. (1951) claim that 833 species of Caelifera are known from the Palaearctic Region, excluding W- and S- Europe, N-Africa and most parts (W, C, S and SE) of China, Afghanistan, Korea, Japan. Extrapolating from this, the total number of Caelifera in the Palaearctic region can be estimated at 1280-1300 species. The number of Ensifera species is estimated at 420-450, which means that the total number of Orthoptera species is likely to be between 1700-1750. Comparing this with the number of Iranian taxa, the Iranian Orthoptera fauna represents about the 22.7 –23.4% of that of the Palaearctic Region, excluding Mantodea.

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