

NEW FAUNISTIC DATA CONCERNING SCELIONID FAMILY (HYMENOPTERA: SCELIONIDAE) FROM THE REPUBLIC OF MOLDOVA

GÎRNEȚ Mariana

Abstract. The paper is based on the studies accomplished on the territory of the Republic of Moldova in the period 1991-2007. As result, 59 species of scelionids from 20 genera were registered: *Anteromorfa*, *Anteris*, *Apegus*, *Baeus*, *Eremioscelio*, *Gryon*, *Scelio*, *Duta*, *Telenomus*, *Trissolcus*, *Trimorus*, *Teleas Idris*, *Tiphodytes*, *Thoron*, *Xenomerus*, *Probaryconus*, *Psilanteris*, *Platytenomus*, *Macroteleia*. At the same time, we mention that the species: *Eremioscelio cultratus*, *E. tauricus*, *E. ukrainica*, *Scelio fulvipes* and *Macroteleia rufa* were recorded as new for the fauna of the Republic of Moldova.

Keywords: Scelionids, useful insects, monitoring.

Rezumat. Noi date faunistice privind familia scelionidelor (Hymenoptera: Scelionidae) din Republica Moldova. La baza lucrării au stat cercetările efectuate pe teritoriul Republicii Moldova în perioada 1991-2007. Ca rezultat, au fost evidențiate 59 specii de scelionide din 20 genuri: *Anteromorfa*, *Anteris*, *Apegus*, *Baeus*, *Eremioscelio*, *Gryon*, *Scelio*, *Duta*, *Telenomus*, *Trissolcus*, *Trimorus*, *Teleas Idris*, *Tiphodytes*, *Thoron*, *Xenomerus*, *Probaryconus*, *Psilanteris*, *Platytenomus*, *Macroteleia*. Totodată, menționăm că speciile: *Eremioscelio cultratus*, *E. tauricus*, *E. ukrainica*, *Scelio fulvipes* și *Macroteleia rufa* au fost identificate ca specii noi pentru fauna Republicii Moldova.

Cuvinte cheie: Scelionide, insecte folositoare, monitoring.

INTRODUCTION

Along with the development of optic devices, the attention of entomologists was directed to microhymenopterans, which represent an extremely divers group with great economic importance. Many of these microhymenopterans are oophagous parasitoids, which lay their eggs in other harmful insects laying (FABRIȚIUS & POPOVICI, 2007).

A special value in hymenoptera fauna studies in Moldova has the work of Talitkii V. Thus, in the late 1950's under his leadership the research of entomophagous orchard pests was initiated. The study involved the order Hymenoptera including scelionids. As a result of this research, it was published the catalog of hymenoptera in Moldova with 119 species of scelionids (TALITKII & KUSLITKII, 1990).

Subsequently, at the beginning of 1960's, Plugaru S. (PLUGARU, 1975) starts the study and evidence of forest pests and parasites, including scelionids. KIRIAK (1980) has also contributed considerably to the emphasizing of parasitic hymenopterans. As part of this research, it was also partially studied the fauna of scelionids.

An outstanding contribution to the study of scelionid fauna from Moldova had the researchers M. Kozlov and S. Kononova, which revealed several new species for the country fauna, as well as for science.

MATERIALS AND METHODS

The present research work was conducted in the Laboratory of Entomology of the Institute of Zoology of the ASM. The paper is based on the materials collected from different districts of Moldova, during the vegetation periods of the years 1991-2007, also on the collection of the Museum of Entomology Institute of Zoology covering the same period was used.

The faunistic material was collected from 45 localities in various biotypes: forests, skirt, (grassy vegetation, glades and different species of forest trees), in deciduous forests, pine plantations, parks, shelter belts, isolated plain forests, meadows, pastures on the hills and rocks, wet habitats near water basins and agricultural fields having different characters in terms of vegetation. Also the entomological material was collected from the reserves Padurea Domneasca, Plaiul Fagului, and Prutul de Jos.

The collection was performed by entomological sweep net, by cutting the grass vegetation, followed by selecting the hymenopterans with entomological vacuum and visually by collecting insect layings. Hymenopterans collected in the field were immediately immobilizes using ether. Then, in the laboratory, they are mounted and labeled according to the entomology standards.

To identify the species and to control their validity the following works were used: KOZLOV, 1978; KOZLOV & KONONOVA, 1983; KOZLOV & KONONOVA, 1990; KONONOVA, 1992; KONONOVA & KOZLOV, 2001.

RESULTS AND DISCUSSIONS

As result of the studies accomplished in Moldova, 59 species of scelionids from 20 genera were registered.

The material is presented in the form of a faunistic list that includes: number of individuals, gender, locality (arranged in the list on North-South direction) and author of the collection.

Abbreviations: Res. – Reserve, D. – District, OD – town, leg. – author of the collection.

Genus *Anteromorfa* DODD 1913

1. *A. frequens* (PRIESNER 1951) – Res. Plaiul Fagului (D. Călărași) 1♂-June 22, 2005, Băcioi (M. Chișinău) 1♂-July 3, 2006 leg. M. Gîrneț; Bucovăț (D. Strășeni) 1♀-July 2, 2007 leg. G. Manic.

Genus *Anteris* FOERSTER, 1856

2. *A. simulans* KIEFFER 1908 – Res. Plaiul Fagului (D. Călărași) 1♂- June 22, 2007 leg. M. Gîrneț.

Genus *Apegus* FOERSTER 1856

3. *A. minor* KIEFFER 1913 –Bucovăț (D. Strășeni) 1♀- July 2, 2007, Gura Bîcului (D. Anenii Noi) 1♂- July 3, 2006 leg. G. Manic.
4. *A. leptocerus* KIEFFER 1908 – Cioburciu (D. Ștefan-Vodă) 1♂-May 21, 2004 leg. V. Derjanschi.

Genus *Baeus* HALIDAY 1833

5. *B. siminulum* HALIDAY 1833 – Ustia (D. Dubăsari) 2♂-August 4, 2007 leg. M. Gîrneț; Horești (D. Ialoveni) 1♀-July 1, 1993, Costiujeni (M. Chișinău) 2♂-July 18, 1993 leg. I. Chiriac.

Genus *Eremioscelio* PRIESNER 1951

6. *E. cultratus* KOZLOV 1971 – Tudora (D. Ștefan - Vodă) 1♀-August 9, 2007 leg. M. Gîrneț.
7. *E. cydnooides* PRIESNER, 1951 – Res. Plaiul Fagului (D. Călărași) 1♀-August 18, 2005, Tudora (D. Ștefan - Vodă) 1♀-1♂-August 9, 2007 leg. M. Gîrneț.
8. *E. lymantriae* (MASNER 1958) – Res. Plaiul Fagului (D. Călărași) 1♂-June 22, 2007 leg. M. Gîrneț.
9. *E. tauricus* KOZLOV & KONONOVA 1990 – Res. Pădurea Domnească (D. Glodeni) 1♂-July 27, 2007 leg. G. Manic.
10. *E. ukrainika* KOZLOV & KONONOVA 1990 – Gura Bîcului (D. Strășeni) 1♂-September 18, 2007 leg. G. Manic; Grădinița (D. Ștefan-Vodă) 1♂-1♀-September 10, 2007 leg. M. Gîrneț.

Genus *Gryon* HALIDAY 1833

11. *G. monspeliensis* PICARD 1924 – Zăicana (D. Criuleni) 1♂-September 4, 2007, Calfa (D. Anenii Noi) 1♂-September 18, 2007, Tudora (D. Ștefan-Vodă) 1♀-August 9, 2007 leg. M. Gîrneț; Țiganca (D. Cantemir) 1♂-June 25, 2006, Bugeac (D. Cimișlia) 2♂-June 16, 2007, Roșu (D. Cahul) 1♀-June 25, 2006 leg. G. Manic; Slobozia Mare (D. Cahul) 1♂-June 16, 2007, Vulcănești 2♂-June 24, 2006 leg. M. Gîrneț.
12. *G. misellus* HALIDAY 1833 – Roșu (D. Cahul) 1♀-June 25, 2006 leg. G.Manic; Res. Prutul de Jos (D. Cahul) 1♂-June 15, 2007 leg. M. Gîrneț.
13. *G. howardi* MOKRZERCKI I & OGLOBLIN 1931 – Ivancea (D. Orhei) 1♀-July 29, 2007, Ciucur-Mingir (D. Cimișlia) 1♂-June 16, 2007 leg. M. Gîrneț.
14. *G. muscaeformis* NEES 1834 – Calfa (D. Anenii Noi) 1♂-September 18, 2007 leg. M. Gîrneț; Țiganca (D. Cantemir) 1♂-June 15, 2007 leg. G. Manic; Bugeac (D. Cimișlia) 1♀-June 16, 2007, Ciucur-Mingir (D. Cimișlia) 1♂-June 16, 2007, Ciumai (D. Taraclia) 1♂-June 16, 2007 leg. M. Gîrneț.
15. *G. reduviophagus* KOZLOV 1971 – Res. Plaiul Fagului (D. Călărași) 2♀-August 18, 2005, Băcioi (M. Chișinău) 1♀-1♂-May 24, 2006 leg. M. Gîrneț; Cuporani (D. Leova) 1♂-July 3, 2007 leg. G. Manic.
16. *G. fasciatus* PRIESNER 1951 - Res. Pădurea Domnească (D. Glodeni) 1♂-July 27, 2007, Zăicana (D. Criuleni) 3♀-August 4, 2007, Res. Codrii (D. Strășeni) 3♀-August 28, 2007 leg. G. Manic; Calfa (D. Anenii Noi) 1♀-September 18, 2007, Cobusca Nouă (D. Anenii Noi) 1♀-September 3, 2007, 2♂-1♀-18.09.07, Bugeac (D. Cimișlia) 1♂-June 16, 2007 leg. M. Gîrneț.
17. *G. hungaricus* SZABO 1966 – Res. Pădurea Domnească (D. Glodeni) 1♂-July 27, 2007, OD. Căușani 1♂-1♀-September 3, 2007 leg. G. Manic; Bugeac (D. Cimișlia) 1♂-June 16, 2007 leg. M. Gîrneț;
18. *G. prolongatus* KOZLOV 1971 – Ciumai (D. Taraclia) 1♀-June 16, 2007 leg. M. Gîrneț.

Genus *Scelio* LATREILLE 1805

19. *S. fulvipes* FOERSTER 1856 – Brînzani (D. Edineț) 1♂-July 4, 1995 leg. A. Lozan; Ciucur-Mingir (D. Cimișlia) 1♂-June 16, 2007, Ciumai (D. Taraclia) 2♂-1♀-June 16, 2007 leg. M. Gîrneț.
20. *S. rugosulus* LATREILLE, 1805 – Brînzani (D. Edineț) 1♀-April 20, 2006 leg. I. Chiriac; Res. Pădurea Domnească (D. Glodeni) 1♂-July 27, 2007, 2♀-28.07; Pănășești (D. Strășeni) 1♂-August 24, 2007, Bucovăț (D. Strășeni) 1♀-July 2, 2007, Res. Codrii (D. Strășeni) 1♂-1♀-July 9, 2007, 1♀-June 25, 2007, 2♀-1♂-September 29, 2007, 1♀-September 17, 2007 leg. G. Manic; Troița Nouă (D. Anenii Noi) 1♀-August 20, 2006, Calfa (D. Anenii Noi) 3♂-4♀-September 18, 2007 leg. M. Gîrneț; Gura Bîcului (D. Anenii Noi) 2♀-September 18, 2007, OD. Căușani 2♂-September 3, 2007, Țiganca (D. Cantemir) 1♂-June 15, 2007 leg. G. Manic; Răscăieți (D. Ștefan-Vodă) 1♂-June 21, 2004 leg. V. Derjanschi; Ciucur-Mingir (D. Cimișlia) 2♂-June 30, 2006, 2♀-June 16, 2007, Bugeac (D. Cimișlia) 1♀-June 16, 2007, Ciumai (D. Taraclia) 2♀-1♂-June 16, 2007 leg. M. Gîrneț.

21. *S. inermis* (ZETTERSTEDT 1838) – Res. Codrii (D. Strășani) 1♂-1♀-July 26, 2007 leg. G. Manic.

Genus *Duta* NIXON 1933

22. *D. longimarginatus* (DODD 1920) – Res. Pădurea Domnească (D. Glodeni) 1♂-July 27, 2007 leg. G. Manic.

Genus *Telenomus* HALIDAY 1833

23. *T. macroceps* SZABO 1957 – Res. Pădurea Domnească (D. Glodeni) 2♀-July 28, 2007 leg. G. Manic; Slobozia Mare (D. Cahul) 1♂-June 16, 2007 leg. M. Gîrnet.

24. *T. dalmani* (RATZEBURG 1844) – Res. Pădurea Domnească (D. Glodeni) 1♂-1♀-July 27, 2007 leg. G. Manic.

25. *T. heydeni* MAYR 1879 – Cura Bîcului (D. Anenii Noi) 1♂-September 18, 2007 leg. G. Manic; Talmaza (D. Ștefan-Vodă) 1♀-October 2, 2007 leg. M. Gîrnet.

26. *T. chloropus* (THOMSON 1860) – Brînzei (D. Edineț) 2♂-August 15, 2007 leg. I. Chiriac; Res. Pădurea Domnească 8♀-2♂-July 28, 2007, Iablona (D. Glodeni) 1♀-July 29, 2007, Res. Codrii 1♂-August 18, 2007, Bucovăț 2♂-July 2, 2007, Lozova (D. Strășeni) 5♀-3♂-May 15, 2006, 1♀-May 30, 2007, OD. Strășeni 1♀-July 2, 2007 leg. G. Manic; Costiujăni 1♀-July 18, 1993, Băcioi (M. Chișinău) 1♂-1♀-July 23, 1998 leg. Chiriac; Ghidighici (M. Chișinău) 1♂-July 2, 2007 leg. G. Manic; Cobusca Nouă (D. Anenii Noi) 2♂-April 14, 2006; 1♀-July 14, 2006, 3♂-1♀-September 23, 2006, Răscăieți 1♂-May 23, 2006, 1♀-September 21, 2006, Tudora (D. Ștefan-Vodă) 1♂-August 9, 2007, Ciucur-Mingir 1♂-June 30, 2006, 1♀-June 16, 2007, Bugeac (D. Cimișlia) 1♀-June 30, 2006, Slobozia Mare (D. Cahul) 1♀-July 1, 2006 leg. M. Gîrnet.

27. *T. minimus* KOZLOV 1967 – OD. Leova 1♀-June 15, 2007 leg. G. Manic.

28. *T. harpyiae* MAYR 1879 – Lozova (D. Strășeni) 1♀-July 24, 2007, Cura Bâcului (D. Anenii Noi) 1♂-September 18, 2007 leg. G. Manic; Talmaza 1♀-October 2, 2007, Răscăieți (D. Ștefa-Vodă) 1♂-September 21, 2006, Ciucur-Mingir (D. Cimișlia) 1♂-September 23, 2006 leg. M. Gîrnet; Res. Prutul de Jos (D. Cahul) 1♀-June 15, 2007 leg. G. Manic.

29. *T. tetratomus* THOMSON 1860 – Res. Pădurea Domnească 1♀-July 28, 2007; Petrunca (D. Glodeni) 1♂-July 29, 2007, Pănăsești ♀-July 24, 2007, Res. Codrii (D. Strășeni) 1♂-August 18, 2007, 1♀-July 26, 2007 leg. G. Manic; Băcioi (M. Chișinău) 1♀-July 16, 1997 leg. Chiriac; Cobusca Nouă (D. Anenii Noi) 1♀-July 14, 2006 leg. M. Gîrnet; Roșu (D. Cahul) 1♂-May 17, 2006 leg. G. Manic.

30. *T. nitidulus* (THOMSON 1860) – Res. Pădurea Domnească 2♂-July 28, 2007, Petrunca (D. Glodeni) 1♀-July 29, 2007 leg. G. Manic; Răscăieți (D. Ștefan-Vodă) 1♀-September 21, 2006 leg. M. Gîrnet.

31. *T. acrobates* GIARD 1895 – Res. Plaiul Fagului (D. Călărași) 3♀-June 11, 2005 leg. M. Gîrnet; Pănăsești (D. Strășeni) 1♂-August 24, 2007 leg. G. Manic; Talmaza 1♂-August 24, 2005, Grădinița 2♀-August 24, 2005, Răscăieți (D. Ștefan-Vodă) 2♀-September 21, 2006, Slobozia Mare (D. Cahul) 1♂-1♀-May 15, 2006 leg. M. Gîrnet; Delta Dunării 1♀-August 20, 1993 leg. A. Lozan.

Genus *Trissolcus* ASHMEAD 1893

32. *T. grandis* (THOMSON 1860) – Res. Pădurea Domnească 1♂-July 27, 2007, Iablona (D. Glodeni) 2♂-1♀-July 29, 2007 leg. G. Manic; Ivancea (D. Orhei) 1♂-1♀-July 29, 2007, Res. Plaiul Fagului 2♂-September 23, 2005, Sipoteni (D. Călărași) 3♀-September 23, 2005 leg. M. Gîrnet; Romanesti 2♀-July 29, 2007, Bucovăț 1♂-1♀-July 2, 2007, Res. Codrii (D. Strășeni) 3♂-2♀-August 18, 2007, 4♀-2♂-July 26, 2007, OD. Strășeni 1♀-July 2, 2007 leg. G. Manic; Băcioi (M. Chișinău) 2♂-♀-July 16, 1997 leg. I. Chiriac; Răscăieți 2♂-June 23, 2004 leg. V. Derjanschi; Tudora (D. Ștefan-Vodă) 1♀-August 9, 2007, Ciucur-Mingir (D. Cimișlia) 1♂-1♀-June 30, 2006, 2♀-June 16, 2007 leg. M. Gîrnet; OD. Leova 1♂-June 16, 2007 leg. G. Manic; Slobozia Mare (D. Cahul) 1♂-July 1, 2006, Res. Prutul de Jos (D. Cahul) 1♀-June 15, 2007 leg. M. Gîrnet.

33. *T. rufiventris* (MAYR 1908) – Res. Pădurea Domnească 1♀-July 27, 2007, Iablona (D. Glodeni) 2♀-July 29, 2007 leg. G. Manic; Zăicana (D. Criuleni) 1♂-1♀-August 4, 2007 leg. V. Derjanschi; Res. Plaiul Fagului (D. Călărași) 2♂-May 23, 2005, 1♀-August 15, 2005; 1♂-1♀-September 19, 2005, Răciula (D. Călărași) 2♂-1♀-July 27, 2007, Ustia (D. Dubăsari) 1♀-August 4, 2007 leg. M. Gîrnet; OD. Strășeni 2♀-July 17, 2005, Bucovăț 2♂-2♀-July 2, 2007, Res. Codrii (D. Strășeni) 1♂-August 28, 2007, Stolniceni (D. Hîncești) 1♂-August 16, 2007, OD. Leova 1♀-June 15, 2007 leg. G. Manic; Calfa (D. Anenii Noi) 2♀-September 18, 2007 leg. M. Gîrnet; OD. Căușani 2♂-September 3, 2007 leg. G. Manic; Răscăieți 1♂-September 21, 2006, Tudora 2♀-August 9, 2007, Olănești (D. Ștefan-Vodă) 1♂-1♀-September 3, 2007, Bugeac (D. Cimișlia) 1♀-June 16, 2007, Slobozia Mare (D. Cahul) 1♂-September 20, 2005 leg. M. Gîrnet.

34. *T. djadetschko* (RJACHOVSKY 1959) – Brînzei (D. Edineț) 1♂-July 21, 1997, 2♀-August 25, 2005 leg. I. Chiriac; Cuhnești 1♀-July 28, 2007, Iablona 2♀-1♂-July 29, 2007, Petrunca (D. Glodeni) 1♀-July 29, 2007 leg. G. Manic; Zăicana (D. Criuleni) 1♀-August 4, 2007, Răciula (D. Călărași) 1♂-1♀-August 23, 2005 leg. V. Derjanschi; Bucovăț 2♂-1♀-July 2, 2007, Lozova 1♂-July 24, 2007, Res. Codrii (D. Strășeni) 1♂-September 29, 2007, Ghidighici (M. Chișinău) 1♀-July 2, 2007 leg. G. Manic; Bugeac (D. Cimișlia) 1♀-September 5, 2005 leg. V. Derjanschi; Slobozia Mare (D. Cahul) 1♂-July 4, 2006 leg. M. Gîrnet.

35. *T. flavipes* (VIKTOROV 1964) – Brînzei (D. Edineț) 1♀-April 22, 2006 leg. I. Chiriac; OD. Leova 2♂-June 16, 2007 leg. G. Manic.

36. *T. semistriatus* (NEES 1834) – Cuhnești (D. Glodeni) 1♀-July 27, 2007, Pănăsești (D. Strășeni) 1♂-August 24, 2007, Ghidighici (M. Chișinău) 1♀-July 2, 2007, Stolniceni (D. Hîncești) 1♀-August 16, 2007, OD. Leova 2♂, 2♀-June 16, 2007 leg. G. Manic; Calfa (D. Anenii Noi) 1♀-September 18, 2007 leg. M. Gîrneț.

37. *T. volgensis* (VIKTOROV 1964) – Cuhnești (D. Glodeni) 1♀-July 28, 2007, OD. Strășani 1♀-July 18, 2007, Romanești (D. Strășeni) 1♀-July 29, 2007 leg. G. Manic; Ustia (D. Dubăsari) 2♀-August 4, 2007, Ciucur-Mingir (D. Cimișlia) 2♂-2♀-June 16, 2007, Prutul de Jos (D. Cahul) 1♂-June 15, 2007 leg. M. Gîrneț.

38. *T. pseudoturesis* (RJACHOVSKY 1959) – Res. Codrii (D. Strășeni) 1♀-August 18, 2007, OD. Căușeni 1♀-September 3, 2007, Cuporani (D. Leova) 1♂-July 3, 2007 leg. G. Manic.

39. *T. kozlovi* RJACHOVSKY, 1975 – Zăicana (D. Criuleni) 1♀-August 4, 2007 leg. M. Gîrneț.

40. *T. simoni* (MAYR 1879) – Lozova 1♂-August 7, 1991 (D. Strășeni) leg. I. Chiriac; Bugeac (D. Cimișlia) 1♀-June 16, 2007 leg. M. Gîrneț.

Genus *Trimorus* FORESTER 1856

41. *T. arenicola* THOMSON 1859 – Res. Pădurea Domnească (D. Glodeni) 1♀-July 27, 2007, 1♂-July 28, 2007 leg. G. Manic; Vadul lui Vodă (M. Chișinău) 2♂-1♀-April 26, 2006, 1♂-23.05.06, OD. Chișinău 1♂-April 24, 2006, Răscăieți (D. Ștefan-Vodă) 2♂-2♀-September 21, 2006 leg. M. Gîrneț; Gura Bîcului (D. Anenii Noi) 1♂-September 18, 2007 leg. G. Manic; Cumai (D. Taraclia) 1♂-June 16, 2007 leg. M. Gîrneț.

42. *T. pallidimanus* KIEFFER 1908 – Res. Pădurea Domnească (D. Glodeni) 1♂-July 28, 2007, Gura Bîcului (D. Anenii Noi) 1♀-September 18, 2007 leg. G. Manic; Calfa (D. Anenii Noi) 1♂-September 18, 2007, Cobusca Nouă (D. Anenii Noi) 1♂-September 18, 2007 leg. M. Gîrneț.

43. *T. bohemicus* MASNER 1962 – Brînzeni (D. Edineț) 1♀-June 13, 2006 leg. I. Chiriac; Copanca (D. Căușeni) 1♂-October 2, 2007 leg. G. Manic; Bugeac (D. Cimișlia) 1♀-June 30, 2006 leg. M. Gîrneț.

44. *T. puncticollis* THOMSON 1859 – Cuhnești (D. Glodeni) 1♀-July 28, 2007, Gura Bîcului (D. Anenii Noi) 1♂-September 18, 2007 leg. G. Manic; Calfa (D. Anenii Noi) 1♂-September 18, 2007, Cobusca Nouă (D. Anenii Noi) 1♀-June 14, 2006.

45. *T. elongatus* KIEFFER 1908 – Res. Plaiul Fagului (D. Călărași) 1♂-June 26, 2007 leg. M. Gîrneț.

Genus *Teleas* LATREILLE 1805

46. *T. rugosus* KIEFFER 1908 – Băcioi (M. Chișinău) 2♀-1♂-July 16, 1997 leg. I. Chiriac; Cobusca Nouă (D. Anenii Noi) 1♀-June 14, 2006, Răscăieți (D. Ștefan-Vodă) 1♂-September 21, 2006 leg. M. Gîrneț; OD. Căușeni 1♀-September 3, 2007 leg. G. Manic.

47. *T. reticulatus* KIEFFER 1908 – the Danube Delta 2♂-1♀-August 20, 1993 leg. I. Chiriac; OD. Strășani 1♀-July 2, 2007 leg. G. Manic.

48. *T. lamellatus* SZABO 1957 – Calfa 1♂-September 18, 2007, Roșcani (D. Anenii Noi) 3♀-September 3, 2007 leg. M. Gîrneț; Stolniceni (D. Hîncești) 1♂-August 16, 2007 leg. G. Manic; Olănești (D. Ștefan-Vodă) 1♂-1♀-September 3, 2007 leg. M. Gîrneț.

49. *T. quinquespinosus* SZABO 1957 – Res. Codrii (D. Strășeni) 1♀-July 26, 2007 leg. G. Manic; Băcioi (M. Chișinău) 1♂-July 16, 2007 leg. M. Gîrneț.

Genus *Tiphodytes* BRADLEY 1902

50. *T. gerriphagus* (MARCHAL 1900) – Pădurea Domnească (D. Glodeni) 1♀-July 28, 2007 leg. G. Manic.

Genus *Thoron* HALIDAY 1833

51. *T. metallicus* HALIDAY 1833 – Res. Plaiul Fagului (D. Călărași) 2♂-June 26, 2007 leg. M. Gîrneț.

Genus *Xenomeres* WALKER 1836

52. *X. ergenna* WALKER 1836 – Răscăieți (D. Ștefan-Vodă) 1♀-June 21, 2007 leg. M. Gîrneț.

Genus *Idris* FOERSTER 1856

53. *I. krygeri* KIEFFER 1910 – Bucovăț (D. Strășani) 1♂-July 2, 2007 leg. G. Manic; Tudora (D. Ștefan-Vodă) 1♂-August 9, 2007 leg. M. Gîrneț.

54. *I. striativentris* KIEFFER 1908 – Bucovăț (D. Strășani) 1♂-July 2, 2007 leg. G. Manic; Tudora (D. Ștefan-Vodă) 1♂-August 9, 2007 leg. M. Gîrneț.

55. *I. piceiventris* KIEFFER 1908 – Res. Pădurea Domnească (D. Glodeni) 1♀-July 28, 2007, Pănăsești (D. Strășani) 1♀-August 24, 2007 leg. G. Manic; Bugeac (D. Cimișlia) 2♂-June 16, 2007 leg. M. Gîrneț.

Genus *Probaryconus* KIEFFER 1908

56. *P. spinosus* KIEFFER 1908 – Calfa (D. Anenii Noi) 1♀-August 18, 2007, Copanca (D. Căușeni) 1♂-July 3, 2007 leg. M. Gîrneț; Răscăieți (D. Ștefan-Vodă) 2♀-May 3, 2001 leg. V. Derjanschi; Olănești (D. Ștefan-Vodă) 2♂-1♀-September 3, 2007 leg. M. Gîrneț.

Genus *Psilanteris* KIEFFER 1916

57. *P. bicolor* KIEFFER 1908 – Res. Plaiul Fagului (D. Călărași) 1♀-August 18, 2007 leg. M. Gîrneț; Res. Codrii (D. Strășeni) 1♀-September 15, 2005 leg. V. Derjanschi.

Genus *Platytelenomus* DODD 1914

58. *P. danubialis* SZELENYI 1939 – Res. Codrii (D. Strășeni) 2♀-June 25, 2007, Roșcani (D. Anenii Noi) 1♂-September 3, 2007 leg. G. Manic.

Genus *Macroteleia* WESWOOD 1835

59. *M. rufa* SZELENYI 1941 – Res. Pădurea Pomnească (D. Glodeni) 1♀-June 16, 2006 leg. G. Manic.

CONCLUSIONS

Although previously the scelionid fauna of the Republic was studied to a certain extent five new species were recorded for Moldova.

Other new species will be recorded, because the collection of scelionids is rather complicated due to holding niches of these species, which are difficult to access in the ground and even in the aquatic environment.

The data collected can be used in the expanding of Cadastre of animal world of Moldova.

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Gîrneț Mariana

Institute of Zoology, Academy of Sciences of Moldova
Street Academy, 1, Chisinau Republic of Moldova
E-mail: gmariana_83@yahoo.com

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