

NEW *SCELIONIDAE* SPECIES (HYMENOPTERA, PLATYGASTROIDEA, SCELIONIDAE) FOR ROMANIA'S FAUNA

BY

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Key words: *Scelionidae*, fauna, Romania.

In this paper we present 13 new species for Romania's fauna: *Calliscelio ruficollis* Kozlov & Kononova; *Gryon rufiventris* Kononova; *Gryon fasciatus* Priesner; *Trissolcus manteroi* Kieffer; *Trissolcus oobius* Kozlov; *Trissolcus djadetshko* Rjachovsky; *Trissolcus waloffae* Javahery; *Trissolcus cantus* Kozlov & Le; *Telenomus etiellae* Kozlov; *Telenomus rudis* Kozlov; *Telenomus pinnatus* Kozlov & Kononova; *Telenomus lineolatus* Kozlov; *Trimorus angustipennis* Kieffer. *Calliscelio* genus is cited for the first time in Romania's fauna.

Introduction

Scelionidae are a hymenoptera parasitoid group, attacking the eggs of different species of arthropods. For this reason, *Scelionidae* are an important limitative factor for different species of arthropods.

Until this moment, in literature, 150 genera with approximately 3000 species described, but there are thought to be over 7000 species in the world (Henri Goulet & John Huber, 1993).

In Romania, this family was studied by dr. Klaus Fabritius and dr. Irina Teodorescu.

The Hungarian researcher J. B. Szabo had described many species of Scelionidae over the west and north of Romania.

As a result, until this moment, in Romania's fauna, 77 species of *Scelionidae* are mentioned.

In Ukraine, 148 species of *Scelionidae* are mentioned by Kononova (1992), 58 species in Denmark (1994) and 56 (2001) in Germany, respectively, by Buhl.

Material and methods

Almost all the species were collected by entomological netting, sweeping through vegetation, in large plains with lucerne and alongside of the forest. *Telenomus etiellae* Kozlov, *Telenomus pinnatus* Kozlov & Kononova, *Telenomus lineolatus* Kozlov were obtained from *Lymantria dispar* L. eggs.

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The hymenoptera were collected from different places on the eastern part of Romania (Botoşani, Suceava, Iaşi, Bacău districts) and from Constanţa.

Results

I. Subfamilies *Scelioninae*:

1). *Calliscelio ruficollis* Kozlov & Kononova, 1985

Material examined: 1♀ collected on 31.08.02 from Bacău, 1♂ collected on 30.06.02 from Holboca (Iaşi district). Both of the species were collected from the plains with lucerne.

Host: Unknown

Geographical distribution: Palearctic (Ukraine, Uzbekistan)

2). *Gryon rufiventris* Kononova

Material examined: 2 ♀ collected on 24.08.99 from Vadu (Constanţa district)

Host: Unknown

Geographical distribution: Ukraine, Georgia

3). *Gryon fasciatus* Priesner, 1951

Material examined: 1♂ collected on 20.08.02 from Iaşi (Botanical Garden)

Host: Unknown

Geographical distribution: Palearctic (Rep. Of Moldavia, Ukraine, Russia)

II. Subfamilies *Telenominae*

4). *Trissolcus manteroi* (Kieffer, 1909)

Material examined: 1♀ collected on 24.08.99 from Vadu (Constanţa district)

Host: *Eurygaster* sp., *Dolycoris* sp., *Carpocoris* sp., and *Staria lunata* Hahn.

Geographical distribution: Palearctic (Rep. of Moldavia, Armenia, Turkmenia, Russia, Turkey).

5). *Trissolcus oobius* Kozlov, (1972)

Material examined: 1♀ collected on 24.08.99 from Vadu (Constanţa district)

Host: *Aelia sibirica* Reut.

Geographical distribution: Palearctic (Ukraine, Mongolia)

6). *Trissolcus djadetshko* (Rjachovsky, 1959)

Material examined: 1♀ collected on 15.08. 02 from Valea lui David Natural Reserve (Iaşi district)

Host: *Dolycoris baccarum* L., *Eurydema ventralis* Kol., *E. ornata* L., *Eurygaster integriceps* Put., *Carpocoris pudicus* Poda. *Eurydema oleracea* L., *Aelia rostrata* Boh., *Graphosoma lineatum* L., *Graphosoma semipunctatum* F., *Holcostethus vernalis* Wolff., and *H. sphacelatus* F.

Geographical distribution: Palearctic region

7). *Trissolcus waloffae* (Javahery, 1968)

Material examined: 1♀ collected on 9.07.2000 from Agigea (Constanţa district)

Host: *Aelia acuminata* L., *Neottiglossa pussila* Gmel.

Geographical distribution: Palearctic (United Kingdom)

8). *Trissolcus cantus* Kozlov & Le, 1977

Material examined: 1♀ collected on 18.08.02 from Iași (Botanical Garden)

Host: Unknown

Geographical distribution: Palearctic (Ural)

9). *Telenomus etiellae* Kozlov, 1967

Material examined: 1♀ collected on 13.03.03 from Roma (Botoșani district)

Host: *Etiella zinckenella* Tr. (8), but we obtained it from *Lymantria dispar* L.

eggs.

Geographical distribution: Palearctic (Urali)

10). *Telenomus rudis* Kozlov, 1972

Material examined: 1♀ collected on 7.09.02 from Iezer (Botoșani district)

Host: Unknown

Geographical distribution: Palearctic (Mongolia)

11). *Telenomus pinnatus* Kozlov & Kononova, 1983

Material examined: 1♀ collected on 13.03.03 from Roma (Botoșani district)

Host: *Euproctis chrysorrhoea* L (8), but we obtained it from *Lymantria dispar*

L. eggs.

Geographical distribution: Palearctic (Armenia)

12). *Telenomus lineolatus* Kozlov, 1967

Material examined: 1♀ collected on 13.03.03 Roma (Botoșani district)

Host: Unknown.(8), but we obtained it from *Lymantria dispar* L. eggs.

Geographical distribution: Palearctic (Eastern of ex-URSS)

III. Subfamilies Teleasinae

13). *Trimorus angustipennis* Kieffer, 1908

Material examined: 1♀ 24.08.02 from Iași (Botanical Garden)

Host: Unknown

Geographical distribution: Palearctic (United Kingdom, Russia)

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