

NEW SPECIES OF *PLATYGASTRIDAE* (HYMENOPTERA, *PLATYGASTROIDEA*, *PLATYGASTRIDAE*) TO ROMANIA' FAUNA

BY

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Key words: *Platygastridae*, fauna, Romania.

In this paper 7 new species for Romanian fauna are presented: *Inostemma opacum* Thomson, *Inostemma curtum* Szelenyi, *Sactogaster subaequalis* Förster, *Leptacis curvispinus* Kozlov, *Pseudaphanomerus hyalinatus* Szelenyi, *Piestopleura catilla* Walker, *Amblyaspis tritici* Walker. Genres: *Pseudaphanomerus*, *Piestopleura* and *Amblyaspis*, are mentioned for the first time in Romanian fauna.

Introduction:

Platygastridae are a group of parasitoid hymenoptera, they are small (1 – 2 mm), usually black, without iron glance. Most are parasitoids on diptera larvae of *Cecidomyiidae* family, but there are many species of them which parasite coleoptera and homoptera eggs, or in young larvae of *Coccoidea* and *Aleyrodidae*.

At present, from this family approximately 1100 species are described in the world, but there are many other species (thousands) (Henri Goulet and John Huber 1993).

In Romania, these species were studied by dr. Klaus Fabritius, and by other authors like Kieffer and Szelenyi.

Until this moment, in Romanian fauna, 25 species of *Platygastridae* are cited, comparatively with Germany where 80 species are cited (Buhl, 2001), or Denmark, 109 species, respectively (Buhl, 1994).

Material and methods:

All species have been collected with entomological netting in vegetation.

Results:

1). *Inostemma opacum* Thomson, 1859

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

Host: *Contarinia medicaginis* Kieffer on *Medicago sativa* L.; *Jaapiella veronicae* Vallot on *Veronica* sp. (Vlug, 1995)

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Geographical distribution: Palearctic (Sweden, R. Moldova)

2). *Inostemma curtum* Szelenyi, 1938

Material examined: 1♀ collected on 21.08.02 from Iași (Botanical Garden)

Host: Unknown

Geographical distribution: Palearctic (Hungary, ex-Czechoslovakia, Denmark).

3). *Synopeas (Sactogaster) subaequalis* (Forster, 1856)

Material examined: 2♀ collected on 15.05.03 from Bârnova (Iași district)

Host: Unknown

Geographical distribution: Palearctic (Germany)

4). *Leptacis curvispinus* Kozlov, 1978

Material examined: 2♀ collected on 10.07.02 from Fălticeni (Suceava district)

Host: Unknown

Geographical distribution: Palearctic (R. Moldova)

5). *Pseudaphanomerus hyalinatus* Szelenyi, 1941

Material examined: 1♂ collected on 16.07.02 from Bucecea (Botosani district)

Host: Unknown

Geographical distribution: Holarctic (Hungary, Spain)

6). *Piestopleura catilla* (Walker, 1835)

Material examined: 1♂ and 1♀ collected on 14.08.03 from Falticeni (Suceava district)

Host: *Thomasiniana theobaldi* Barnes

Geographical distribution: Palearctic (United Kingdom, Denmark, Spain, Moldova, Russia)

7). *Amblyaspis tritici* (Walker, 1835)

Material examined: 1♀ collected on 16.08.02 from Piatra Craiului

Host: associated with *Gramineae* and *Salix* sp.

Geographical distribution: Palearctic (Scotland, England, Denmark, European part of ex-URRS)

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