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**A REVIEW OF PALEARCTIC SPECIES OF THE GENUS  
*PSEUDERIMERUS* (HYMENOPTERA, TORYMIDAE)  
WITH A DESCRIPTION OF ONE NEW SPECIES FROM IRAN**

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**A Review of Palearctic Species of the Genus *Pseuderimerus* (Hymenoptera, Torymidae) with a Description of One New Species from Iran.** Zerova M. D., Seryogina L. Ya. — The Genus *Pseuderimerus* includes 9 species in the World fauna, six of them are Palearctic. *Pseuderimerus irani* Zerova et Seryogina, sp. n. is described. A key to all palearctic species is given. The holotype and paratypes of the new species are deposited in the collection of the Institute of Zoology, National Academy of Sciences of Ukraine (Kyiv).

**Key words:** Hymenoptera, Torymidae, *Pseuderimerus*, Iran, new species.

**Обзор палеарктических видов рода *Pseuderimerus* (Hymenoptera, Torymidae) с описанием нового вида из Ирана.** Зерова М. Д., Серегина Л. Я. — Род *Pseuderimerus* включает 9 видов (мировая фауна), большинство из которых — палеарктические (6 видов), в том числе и описываемый в данной работе — *Pseuderimerus irani* Zerova et Seryogina, sp. n. Приведена таблица для определения палеарктических видов рода. Голотип и паратипы нового вида находятся в коллекции Института зоологии НАН Украины (Киев).

**Ключевые слова:** Hymenoptera, Torymidae, *Pseuderimerus*, Иран, новый вид.

According to E. Grissell's world catalog of Torymidae species (Grissell, 1995) there are 8 species in Genus *Pseuderymerus* in world fauna. After publishment of these data, *Pseuderymerus* (= *Lochitimorpha*) *semiaenea* (Szelenyi) was transferred to Genus *Idiomacromerus* (Зерова, Серегина, 1999). One species, *Pseuderimerus bouceki* Zerova, Seryogina, 1994 was described from Turkmenistan and one more is described in this article. Now the genus *Pseuderimerus* includes 9 species, among them 6 from the Palearctic Region.

**Key to *Pseuderimerus* species of the Palearctic Region**

**Таблица для определения видов *Pseuderimerus* Палеарктической области**

- 1 (4). Antennae with 2 anelli and 6 flagellomeres.
- 2 (3). Ovipositor 1/3 of the abdomen length. Sudan, India. .... *P. indicus* Subba Rao et Bhatia, 1962
- 3 (2). Ovipositor two times longer than abdomen. Turkmenistan. .... *P. bouceki* Zerova et Seryogina, 1994
- 4 (1). Antennae with 3 anelli and 5 flagellomeres.
- 5 (8). Ovipositor long, exactly one-third length of gaster or equal to gaster length.
- 6 (7). Head and mesepisternum green, the last part of body yellow, ovipositor as 1/3 length of abdomen. Tajikistan. .... *P. luteolus* Zerova et Seryogina, 1990
- 7 (6). Body yellow except of two brown spots on axillae. Iran. .... *P. irani* Zerova et Seryogina, sp. n.
- 8 (5). Ovipositor short. Body yellow.
- 9 (10). Ovipositor length equal to three last tergits of abdomen. Anelli long. Tadjikistan. ....  
..... *P. flavus* (Nikolskaja, 1952)
- 10 (9). Ovipositor short. Anelli transverse. Czech Republic, Hungary, Ukraine. .... *P. luteus* Bouček, 1954

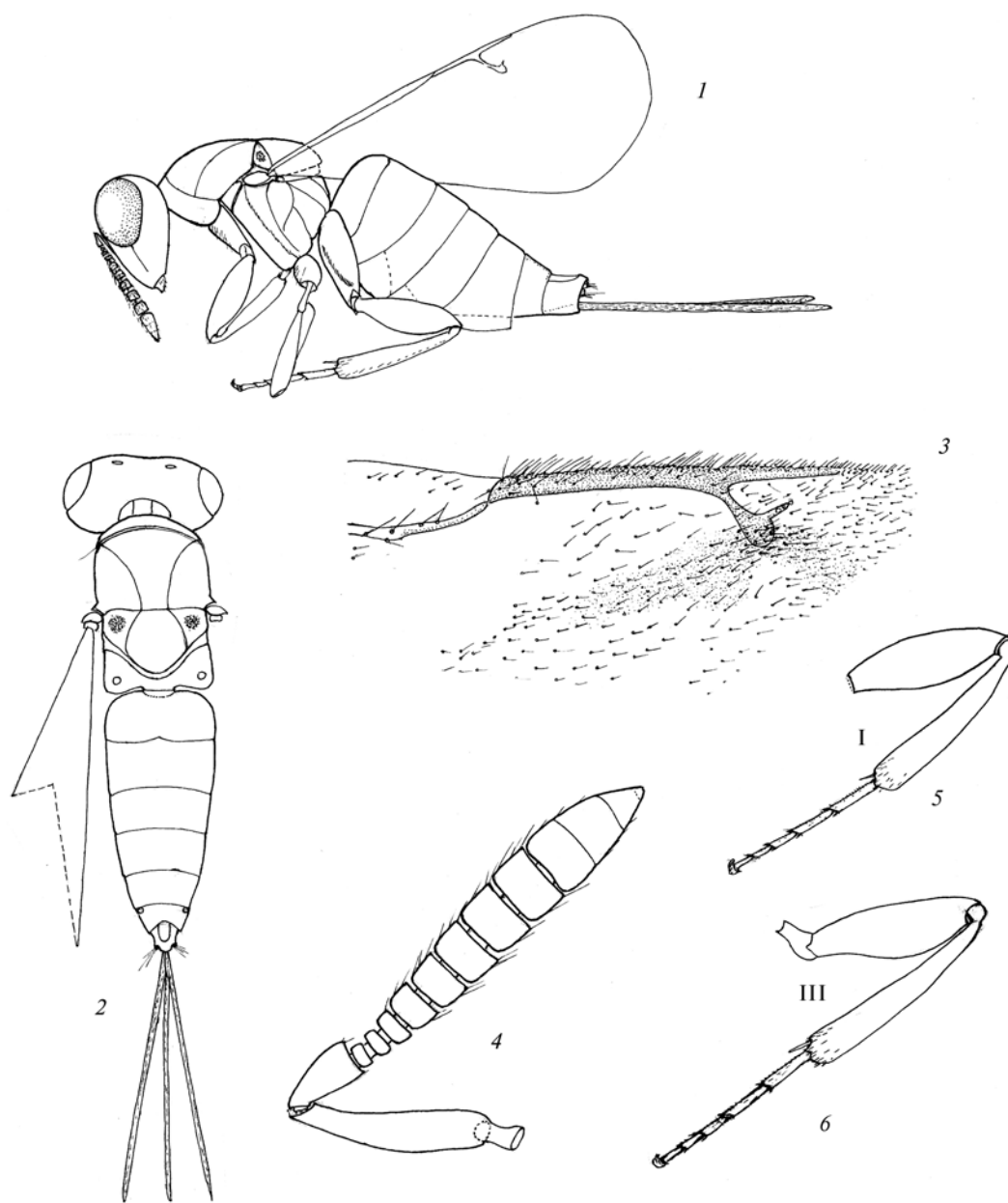


Fig. 1. *Pseuderimerus irani*: 1 – female, lateral view; 2 – female, dorsal view; 3 – forewing venation; 4 – female antenna; 5 – fore leg; 6 – hind leg.

Рис. 1. *Pseuderimerus irani*: 1 – самка, вид сбоку; 2 – самка, вид сверху; 3 – жилкование передних крыльев; 4 – усик самки; 5 – передняя нога, 6 – задняя нога.

***Pseuderimerus irani* Zerova et Seryogina, sp. n.**

**Material.** Holotype ♀, Iran, Lorestan prov., Zalian. Ghelaie, Alborz-lar, summer 2003 (Tarakoli), ex stem galls *Timaspis lorestanicus* and *Timaspis irani* (Melika det.) on *Lactuca orientalis*; paratypes, 2 ♀, 3 ♂ with the same labels as holotype.

**Female.** Body length 2.5–2.8 mm (without ovipositor), holotype 2.5 mm. Ovipositor sheaths a little shorter than abdomen. Body bright yellow, axillae with dark brown spots with metallic tinge; extended part of ovipositor brown; head and dorsal part

of thorax some darker than abdomen; wings hyaline, veins light yellow; legs lemon-yellow. Head and thorax very finely, closely reticulated, pubescens of head and thorax relatively close, but extremely short, appressed.

Head from above transverse, distinctly broader than thorax, width to length 55 : 31; POL to OOL as 10 : 6. Temples little shorter than the length of eye (from above). Head in frontal view wider than high in ratio 55 : 40, malar space shorter than height of eye in ratio 13 : 25; clypeus not protruding with external margin straight.

Antennae inserted distinctly below the middle of the face, just on the lower ocular line; antennae are thickened towards the tip, with long scape and pedicel, 3 anelli and 5 flagellomeres which all are transverse; club enlarged, 3 – segmented.

Mesosoma flat in profile, pronotum (from above) very short in the middle, widening on the sides, mesoscutum longer than scutellum, propodeum short, without distinct sculpture; mesosternum with smooth reticulation. Length of the fore wing to its width 68 : 30. Ratio of marginal, radial and postmarginal veins 42 : 12 : 20. The first and third femora distinctly thickened; posterior tibiae with only one spur.

Metasoma: abdomen sessile, longer than mesosoma in ratio 48 : 30; petiole strongly transverse, not visible. First tergite with a distinct angular incision in the middle of posterior margin. Ovipositor long, a little shorter than abdomen (45 : 48).

Male. Body length 1.8–2 mm. Similar to the female except of two brown spots on pronotum and two brown spots on head behind eyes. The first and third femora more thickened than in female.

Discussion. The new species is the most similar to *P. luteolus* Zerova et Seryogina (Зерова, Серегина, 1990) but differs by longer ovipositor which is only a little shorter than abdomen and bright yellow body with two brown spots on axillae.

- Grissell E. E. Toryminae (Hymenoptera: Chalcidoidea: Torymidae) a redefinition, generic classification, and annotated world catalog of species // *Memoirs on Entomology, International*. – 1995. – 2. – 470 p.
- Зерова М. Д., Серегина Л. Я. Новый вид рода *Pseuderimerus* (Hymenoptera, Torymidae) из Средней Азии // *Зоол. журн.* – 1990. – 69, № 10. – С. 150–153.
- Зерова М. Д., Серегина Л. Я. Новые виды хальцид из семейств Eurytomidae и Torymidae (Hymenoptera, Chalcidoidea) // *Зоол. журн.* – 1994. – 73, № 5. – С. 120–125.
- Зерова М. Д., Серегина Л. Я. Хальцидоидные наездники (Hymenoptera, Chalcidoidea) – торимиды (Torymidae), трибы Podagrionini и Monodontomerini фауны Украины // *Вестн. зоологии*. – 1999. – Отд. вып. № 13. – 130 с.