

New data on Chloropidae (Diptera: Cyclorrhapha) from Cyprus

Новые данные о злаковых мухах Chloropidae (Diptera: Cyclorrhapha) острова Кипр

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КЛЮЧЕВЫЕ СЛОВА: Diptera, злаковые мухи, Кипр, новые фаунистические данные.

ABSTRACT. A small collection of Chloropidae from Cyprus in Zoological Museum in Copenhagen contains 6 species. A species *Oscinimorpha novakii* (Strobl, 1893) is added to the fauna of Cyprus. Drawing of male genitalia of *Anacamptoneurum obliquum* Becker, 1903 illustrated for the first time. Analysis of distribution of all known Chloropidae fauna of Cyprus is done.

РЕЗЮМЕ. Небольшая коллекция злаковых мух с Кипра в коллекции Зоологического музея Датского Университета в Копенгагене включает 6 видов, из них один *Oscinimorpha novakii* (Strobl, 1893) впервые найден на Кипре. Впервые иллюстрированы гениталии самца *Anacamptoneurum obliquum* Becker, 1903 и дан анализ распространения всех видов, известных на Кипре.

Introduction

There are two publications with the data of Chloropidae fauna of Cyprus [Georghiou, 1977; Nartshuk, 1990]. Nineteen species were recorded and for three other only generic affiliation was done. I have opportunity to identify a small Chloropid collection from Cyprus in Zoological Museum of Denmark University in Copenhagen. Collection contains 43 specimens collected by B. Petersen in 1983. Six species were found, one of them records for the first time on Cyprus, for other new localities are recorded.

List of species

Subfamily Rhodsiellinae

1. *Scoliophthalmus trapezoides* Becker, 1903.

MATERIAL. 3 ♂♂, 4 ♀♀, Ayia Napa, 10 km W Capo Greco, 13–23.06.1983.

Only a female was recorded earlier (specimen in Natural history museum in Helsinki) [Nartshuk, 1990]. Examination

of male genitalia confirms preceding record. Species known in Egypt, Israel and the Afrotropical Region.

Subfamily Oscinellinae

2. *Anacamptoneurum obliquum* Becker, 1903.

MATERIAL. 1 ♂, 8 ♀♀, Ayia Napa, 10 km W Capo Greco, 13–23.06.1983.

Species was described from Egypt, known in Israel, Cyprus, Middle Asia and the Afrotropical Region. Male genitalia of the species is illustrated (Figs 1–3).

3. *Oscinella frit* (Linnaeus, 1758).

MATERIAL. 1 ♀, Troodos Mts., 1400–1800 m, 12.06.1983.

Widely distributed in Holarctic, Afrotropical and Oriental Regions. Well known pest of cereals.

4. *Oscinimorpha novakii* (Strobl, 1893).

MATERIAL. 3 ♀♀, Troodos Mts., 1400–1800 m, 12.06.1983; 1 ♀, Ayia Napa, 10 km W Capo Greco, 13–23.06.1983.

New species for fauna of Cyprus. Widely distributed south palaeartic species, known from micronesian and mediterranean subregions, from the Canaries through southern Europe to Israel.

5. *Tricimba humeralis* Loew, 1858.

MATERIAL. 4 ♂, 12 ♀♀, Ayia Napa, 10 km W Capo Greco, 13–23.06.1983.

All specimens are light coloured: frons yellow, except grey ocellar triangle, postpronotum, propleura, and prosternum yellow, scutellum yellow with small grey basal spot, legs and all setae and setulae yellow.

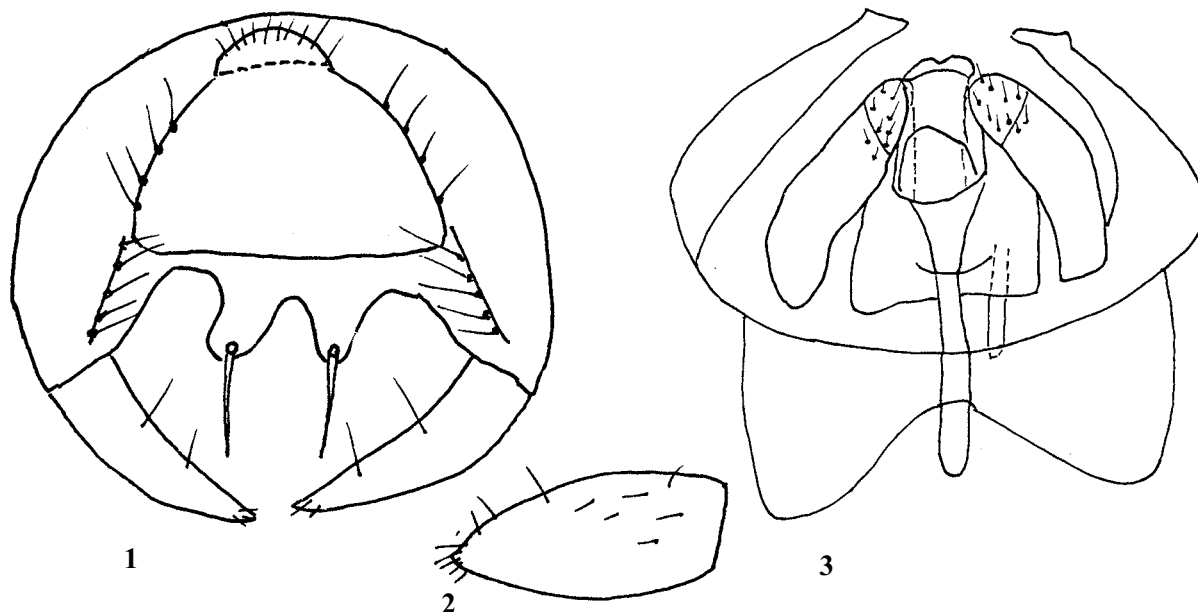
Species wide spread in the Palaeartic from the Azores and the Canaries to Mongolia, in Europe to North to southern Sweden, and in the Afrotropical Region (Sudan).

Subfamily Chloropinae

6. *Assuania thalhammeri* (Strobl, 1893).

MATERIAL. 1 ♂, 8 ♀♀, Ayia Napa, 10 km W Capo Greco, 13–23.06.1983.

Widely distributed in southern Palaeartic from Spain to Afghanistan, and North Africa (Algeria, Egypt).



Figs 1–3. *Anacamptoneurum obliquum* Becker, 1903, male genitalia: 1 — epandrium, posterior view; 2 — surstylus; 3 — hypandrium, ventral view.

Рис. 1–3. *Anacamptoneurum obliquum* Becker, 1903, половой аппарат самца: 1 — эпандриум, вид сзади; 2 — сурстиль; 3 — гипандриум, вид снизу.

Conclusions

Up to now 20 species of Chloropidae are recorded on Cyprus. Chloropidae fauna of Cyprus contain following zoogeographical elements.

Multiregional (Palearctic, Oriental, Afrotropical): *Oscinella frit*, *Siphunculina ornatifrons* (Loew, 1858), *Thaumatomyia notata* (Meigen, 1830); Mediterranean-Afrotropical: *Anacamptoneurum obliquum*, *Scoliophthalmus trapezoides*, *Tricimba humeralis*; Transpalearctic: *Thaumatomyia rufa* (Macquart, 1835), *Conioscinella frontella* (Fallén, 1820); South-Palearctic-Mediterranean: *Polyodaspis sulcicollis* (Meigen, 1838), *Asuania thalhammeri*, *Thaumatomyia sulcifrons* (Becker, 1907); European-Mediterranean: *Elachiptera bimaculata* (Loew, 1845), *E. megaspis* (Loew, 1858), *Oscinomorpha arcuata* (Duda, 1932), *O. nivakii*, *Camarota curvipennis* (Latreille, 1805); Mediterranean: *Aphanotrigonum favillaceum* (Becker, 1903), *Trachysiphonella pori* Harkness et Ismay, 1976, *Tricimba meridiana* Dely-Draskovits, 1983, *Speccafrons cypria* Nartshuk, 1990.

Main body of species distributed in South Europe/Palearctic and Mediterranean subregion of the Palearctic. Three species *Anacamptoneurum obliquum*, *Scoliophthalmus trapezoides*, and *Siphunculina ornatifrons* demonstrate connection with Afrotropical fauna. A species *Speccafrons cypria* is known only from Cyprus.

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