

Fungus Gnats (Diptera: Bolitophilidae, Diadocidiidae, Ditomyiidae, Keroplatidae, Mycetophilidae) of the Eastern Rhodopes (Bulgaria)

Dimitar BECHEV

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Abstract. Data about 45 species of fungus gnats, newly recorded for the fauna of the Eastern Rhodopes, are given. *Pyratula oracula* is newly recorded for the fauna of Bulgaria.

Key words: Sciaroidea, fungus gnats, Eastern Rhodopes, Bulgaria.

The Eastern Rhodopes have not been studied in terms of fungus gnats until now. Only *Mycetophila caudata* Staeger of all the 308 species known in Bulgaria (BECHEV, 2002; BECHEV, in press) was recorded from the investigated region (BECHEV, 2001: from Ardino).

The presented work gives faunistic data about 45 species, collected by the author. One of them - *Pyratula oracula* - is herein newly recorded for the fauna of Bulgaria.

BOLITOPHILIDAE

Bolitophila (Bolitophila) cinerea Meigen, 1818

Ardino, UTM: LG40, 16.05.1991, 1 ♂.

Bolitophila (Cliopisa) pseudohybrida Landrock, 1912

Ardino, UTM: LG40, 16.05.1991, 1 ♂.

DIADOCIDIIDAE

Diadocidia (Diadocidia) ferruginosa (Meigen, 1830)

Ardino, UTM: LG40, 16.05.1991, 1 ♂.

DITOMYIIDAE

Ditomyia fasciata (Meigen, 1818)

Chernoochene, UTM: LG62, 14.05.1991, 1 ♂.

KEROPLATIDAE

Keroplatinae

***Pyratula oracula* Chandler, 1994**

Zlatograd, UTM: LF48, 25.09.1993, 2 ♂♂.

***Pyratula zonata* (Zetterstedt, 1855)**

Chernoochene, UTM: LG62, 14.05.1991; 1 ♂; Ivaylovgrad, UTM: MF29, 15.05.1991, 1 ♂; Popsko, UTM: MG00, 15.05.1991, 1 ♂.

Macrocerinae

***Macrocera centralis* Meigen, 1818**

Kardjali, UTM: LG61, 14.05.1991, 3 ♂♂; Dabovets, UTM: MG11, 1 ♂.

***Macrocera fasciata* Meigen, 1804**

Kardjali, UTM: LG61, 14.05.1991, 1 ♂; Dabovets, UTM: MG11, 2 ♂♂.

***Macrocera inversa* Loew, 1869**

Chernoochene, UTM: LG62, 14.05.1991, 1 ♂.

***Macrocera lutea* Meigen, 1804**

Kardjali, UTM: LG61, 14.05.1991, 1 ♂.

***Macrocera phalerata* Meigen, 1818**

Kardjali, UTM: LG61, 14.05.1991, 1 ♂.

***Macrocera stigmoides* Edwards, 1925**

Chernoochene, UTM: LG62, 14.05.1991, 1 ♂; Plevun, UTM: MF19, 06.05.1999, 4 ♂♂; Ivaylovgrad, UTM: MF29, 15.05.1991, 1 ♂.

MYCETOPHILIDAE

Gnoristinae

***Boletina gripba* Dziedzicki, 1885**

Sindelsti, UTM: LF89, 15.05.1991, 11 ♂♂.

***Boletina nigricoxa* Staeger, 1840**

Sindelsti, UTM: LF89, 15.05.1991, 3 ♂♂.

***Boletina sciarina* Staeger, 1840**

Sindelsti, UTM: LF89, 15.05.1991, 1 ♂.

***Synapha fasciata* Meigen, 1818**

Madjarovo, UTM: MG01, 20.05.2000, 1 ♂.

L e i i n a e

***Docosia gilvipes* (Walker, 1856)**

Sindelsti, UTM: LF89, 15.05.1991, 4 ♂♂.

***Docosia moravica* Landrock, 1916**

Ardino, UTM: LG40, 16.05.1991, 1 ♂.

***Leia bimaculata* (Meigen, 1804)**

Ardino, UTM: LG40, 16.05.1991, 1 ♂.

***Leia cylindrica* (Winnertz, 1863)**

Ardino, UTM: LG40, 16.05.1991, 1 ♂.

M y c e t o p h i l i n a e

Exechiini

***Exechia bicincta* (Staeger, 1840)**

Kardjali, UTM: LG61, 14.05.1991, 2 ♂♂.

***Exechia exigua* Lundström, 1909**

Kardjali, UTM: LG61, 14.05.1991, 2 ♂♂.

***Exechia fusca* (Meigen, 1804)**

Chernoochene, UTM: LG62, 14.05.1991, 2 ♂♂; Ivaylovgrad, UTM: MF29, 15.05.1991, 1 ♂.

***Exechia parva* Lundström, 1909**

Ivaylovgrad, UTM: MF29, 15.05.1991, 1 ♂.

***Exechia separata* Lundström, 1912**

Chernoochene, UTM: LG62, 14.05.1991, 3 ♂♂.

***Exechia seriata* (Meigen, 1830)**

Ardino, UTM: LG40, 16.05.1991, 1 ♂.

***Exechiopsis (Xenexechia) crucigera* (Lundström, 1909)**

Kardjali, UTM: LG61, 14.05.1991, 1 ♂.

***Rymosia affinis* Winnertz, 1863**

Chernoochene, UTM: LG62, 14.05.1991, 2 ♂♂; Ivaylovgrad, UTM: MF29, 15.05.1991, 1 ♂.

***Rymosia fasciata* (Meigen, 1804)**

Ardino, UTM: LG40, 16.05.1991, 3 ♂♂; Chernoochene, UTM: LG62, 14.05.1991, 2 ♂♂; Ivaylovgrad, UTM: MF29, 15.05.1991, 1 ♂.

***Rymosia spinipes* Winnertz, 1863**

Ivaylovgrad, UTM: MF29, 15.05.1991, 1 ♂.

***Tarnania dziedickii* (Edwards, 1941)**

Kardjali, UTM: LG61, 14.05.1991, 1 ♂.

***Tarnania fenestralis* (Meigen, 1818)**

Kardjali, UTM: LG61, 14.05.1991, 2 ♂♂.

Mycetophilini

***Dynatosoma fuscicorne* (Meigen, 1818)**

Ardino, UTM: LG40, 16.05.1991, 1 ♂.

***Dynatosoma majus* Landrock, 1912**

Ardino, UTM: LG40, 16.05.1991, 1 ♂ and 2 ♀♀.

***Mycetophila alea* Laffoon, 1965**

Kardjali, UTM: LG61, 14.05.1991, 1 ♂.

***Mycetophila blanda* Winnertz, 1863**

Ivaylovgrad, UTM: MF29, 15.05.1991, 2 ♂♂.

***Mycetophila czizeki* Landrock, 1911**

Kardjali, UTM: LG61, 14.05.1991, 1 ♂.

***Mycetophila fungorum* (De Geer, 1776)**

Kardjali, UTM: LG61, 14.05.1991, 2 ♂♂; Chernoochene, UTM: LG62, 14.05.1991, 1 ♂;
Ivaylovgrad, UTM: MF29, 15.05.1991, 3 ♂♂; Popsko, UTM: MG00, 15.05.1991, 1 ♂.

***Mycetophila luctuosa* Meigen, 1830**

Ivaylovgrad, UTM: MF29, 15.05.1991, 1 ♂.

***Mycetophila marginata* Winnertz, 1863**

Kardjali, UTM: LG61, 14.05.1991, 1 ♂.

***Mycetophila ocellus* Walker, 1848**

Popsko, UTM: MG00, 15.05.1991, 1 ♂.

***Mycetophila ornata* Stephens, 1829**

Popsko, UTM: MG00, 15.05.1991, 1 ♂.

***Mycetophila spectabilis* Winnertz, 1863**

Kardjali, UTM: LG61, 14.05.1991, 1 ♂.

MYCOMYINAE

Neoempheria striata (Meigen, 1818)

Ivaylovgrad, UTM: MF29, 15.05.1991, 1 ♂.

Sciophilinae

Neuratelia minor (Lundström, 1912)

Chernoochene, UTM: LG62, 14.05.1991, 1 ♂.

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Author's address:

Dimitar Bechev

Department of Zoology

University of Plovdiv

24 Tsar Assen Str.

4000 Plovdiv, Bulgaria

E-mail: bechev@pu.acad.bg

Гъбни комари (Diptera: Bolitophilidae, Diadocidiidae, Ditomyiidae, Keroplatidae, Mycetophilidae) от Източните Рогови (България)

Димитър БЕЧЕВ

(Р е з ю м е)

Източните Рогови са неизследвани по отношение на гъбните комари. От известните досега за България 308 вида (BECHEV, 2002; BECHEV, in press) само *Mycetophila caudata* Staeger е съобщаван за този район (BECHEV, 2001: за Ардино). В настоящата работа се дават сведения за 45 вида, събирани от автора. *Pyratula oracula* е нов вид за фауната на България.