ACTA ZOOLOGICA BULGARICA

Acta zool. bulg., **50**, 1998, No 1, 61-63

The species of *Allodia* W i n n e r t z on the Balkan Peninsula (Diptera, Mycetophilidae)

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A b s t r a c t. Faunistic data on 13 species of the genus *Allodia* known to the fauna of Balkan Peninsula are represented. *A. retracta* P l a s s m a n n in discussed as a complex of species.

K e y w o r d s: Diptera, Mycetophilidae, *Allodia*, Balkan Peninsula.

Introduction

The genus *Allodia* W i n n e r t z, 1863 is little known on the Balkan Peninsula. Only seven species were reported in the western parts of the region, one of which also in Greece. As a result of a study of materials from Bulgaria twelve species new to the Bulgarian fauna were established, six of them new to the fauna of the Balkan Peninsula.

Material and methods

The materials are collected by the author in the West and Central Stara Planina Mts and are preserved in the collection of the Department of Zoology, the University of Plovdiv.

Results and Discussion

Subgenus *Allodia* s. str.

Allodia (*A.*) *anglofennica* E d w a r d s, 1921

M a t e r i a l e x a m i n e d: chalet Kom, 1700 m a. s. l., 13. V. 1982, 1 male.

Allodia (A.) lugens W i e d e m a n n, 1817

Known from: Bosnia-Herzegovina (S t r o b l, 1898).
M a t e r i a l e x a m i n e d: chalet Kom, 1700 m, 23. V. 1982, 3 males; locality Matnitsa, W of Vratsa, 300 m, 26. III. 1984, 2 males; Vrachanska Mt: chalet Ledenika, 850 m, 3. IX. 1983, 1 male and chalet Parshevitsa, 1300 m, 25. V. 1982, 2 males; reserve Boatin, 24. IV. 1983, 3 males.

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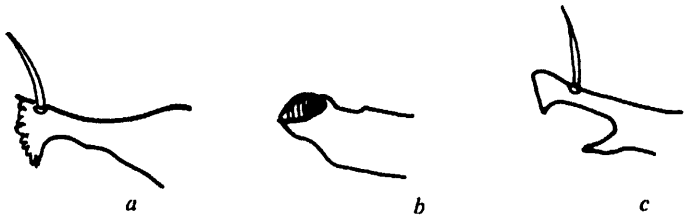

Fig. 1. *Allodia retracta,* internal apical part of gonostyle, lateral view:
a — specimen from Matnitsa; *b* — specimen from Ledenika; *c* — according Z a i t z e v (1984)

Allodia (A.) ornaticollis (M e i g e n, 1818)

Known from: Bosnia-Herzegovina (S t r o b l, 1898).
M a t e r i a l e x a m i n e d: environments of Berkovitsa, 400 m, 31. V. 1985, 1 male; locality Matnitsa, W of Vratsa, 300 m, 7. XI. 1983, 1 male; v. Divchovoto, 800 m, 24. IV. 1983, 1 male.

Allodia (A.) truncata E d w a r s, 1921

M a t e r i a l e x a m i n e d: N of chalet Kom, 1200 m, 7. IV. 1984, 2 males; reserve Boatin, 1000 m, 24. IV. 1984, 9 males

Subgenus *Brachycampta* W i n n e r t z, 1863
Allodia (B.) alternans (Z e t t e r s t e d t, 1838)

Known from: Bosnia-Herzegovina (S t o r b l, 1898) and Montenegro (C o e, 1962).
M a t e r i a l e x a m i n e d: Vratsa, 350 m, 13. VII. 1982, 1 male; Vrachanska Mt, chalet Ledenika, 850 m, 3. IX. 1983, 7 males.

Allodia (B.) barbata (L u n d s t r ö m, 1909)

M a t e r i a l e x a m i n e d: locality Matnitsa, W of Vratsa, 300 m, 7. XI. 1983, 1 male.

Allodia (B.) discoidea (M e i g e n, 1818)

Known from: Bosnia-Herzegovina (S t r o b l, 1898).

Allodia (B.) grata (M e i g e n, 1830)

Known from: Bosnia–Herzegovina (S t r o b l, 1898).
M a t e r i a l e x a m i n e d: v. Dalgi del, 700 m, 24. VII. 1983, 1 male; locality Matnitsa, W of Vratsa, 300 m, 10. VII. 1982, 2 males; Vrachanska Mt, chalet Ledenika, 850 m, 3. IX. 1983, 6 males; reserve Boatin, 1000 m, 6. VI. 1982, 1 male.

Allodia (B.) neglecta E d w a r d s, 1925

M a t e r i a l e x a m i n e d: Vratsa, 350 m, 25. VIII. 1983, 1 male; v. Ochin dol, 600 m, 6. VIII. 1981, 1 male.

Allodia (B.) pistillata (L u n d s t r ö m, 1911)

Known from: Croatia: Dalmatia (L u n d s t r ö m, 1911); mainland Greece, Corfu and Crete (C h a n d l e r, 1994).
M a t e r i a l e x a m i n e d: Vratsa, 350 m, 3. X. 1986, 1 male; Vrachanska Mt, chalet Parshevitsa, 1300 m, 8. VII. 1984, 1 male.

Allodia (B.) retracta (P l a s s m a n n, 1977)

M a t e r i a l e x a m i n e d: Vrachanska Mt., chalet Ledenika, 850 m, 3. IX. 1983, 1 male; locality Matnitsa, W of Vratsa, 300 m, 10. VII. 1982, 1 male.

D i s c u s s i o n: The genital structures of the two studied specimens are similar, bu have differences in the form of internal apical part of gonostyles (Fig. 1 — *a* and *b* Z a i t z e v (1984) figured another form (Fig. 1 — *c*). The author considers that this i a complex of separate species and for the explanation of this problem more mater als have to be studied.

Allodia (B.) silvatica (L a n d r o c k, 1912)

M a t e r i a l e x a m i n e d: Vratsa, 350 m, 9. VIII. 1981, 1 male.

Allodia (B.) triangularis (S t r o b l, 1895)

Known from: Montenegro (C o e, 1962).
M a t e r i a l e x a m i n e d: Vratsa, 350 m, 13. VIII. 1983, 1 male.

A c k n o w l e d g e m e n t s. I wish to thank Miss Neli Kokosharova for her assistance in the study

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Видове от род *Allodia* W i n n e r t z на Балканския полуостров (Diptera, Mycetophilidae)

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(Р е з ю м е)

Представен е списък с фаунистичните данни за известните досега за Балкан ския полуостров видове от род *Allodia.* При изследването на материали събрани от автора в Западна и Централна Стара планина са установени 12 нов за фауната на България вида, 6 от които са нови и за Балканския полуостро Установена е вариабилност във формата на интерналния дял на гоностила пр *Allodia retracta.*