

The occurrence of *Anthophila abhasica* DANILEVSKY, 1969 (Lepidoptera: Choreutidae) in Romania

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Abstract

Anthophila abhasica DANILEVSKY, 1969 is reported from Romania for the first time. Characteristic features of the species and line drawings of fore wing of male, male and female genitalia are given, biological and distributional data are mentioned. With 4 figures.

Semnalarea speciei *Anthophila abhasica* DANILEVSKY, 1969 (Lepidoptera: Choreutidae) din România

Rezumat

Anthophila abhasica DANILEVSKY, 1969 este semnalată pentru prima oară din România pe baza a două semnalări din Carpații Orientali (Munții Bodoc și Cheile Bicazului). Se dă diferențierea adultului, a armăturilor genitale masculine și femele de specia cea mai asemănătoare, *Anthophila fabriciana* (LINNAEUS, 1767). Se menționează puținele date de biologie care se cunosc și distribuția speciei.

Key words: *Anthophila abhasica*, Romania, faunistics

Anthophila abhasica DANILEVSKY, 1969, (Figs. 1 - 3)

Anthophila abhasica DANILEVSKY, 1969, Rev. Ent. USSR, 48: 928, figs. 9b, 11.

Material examined: 2 ♂♂, 1 ♀: Carpații Orientali, Munții Bodoc, Olteni, 650 m, 29. VI. 1977. (♀), (preparat genital nr. 1609/♀/ KOVÁCS); Carpații Orientali, Cheile Bicazului, 1200 m, 2. VII. 2002. (2 ♂♂), (preparat genital nr. 1608/♂/ KOVÁCS), legit & coll. SÁNDOR KOVÁCS & ZOLTÁN KOVÁCS.

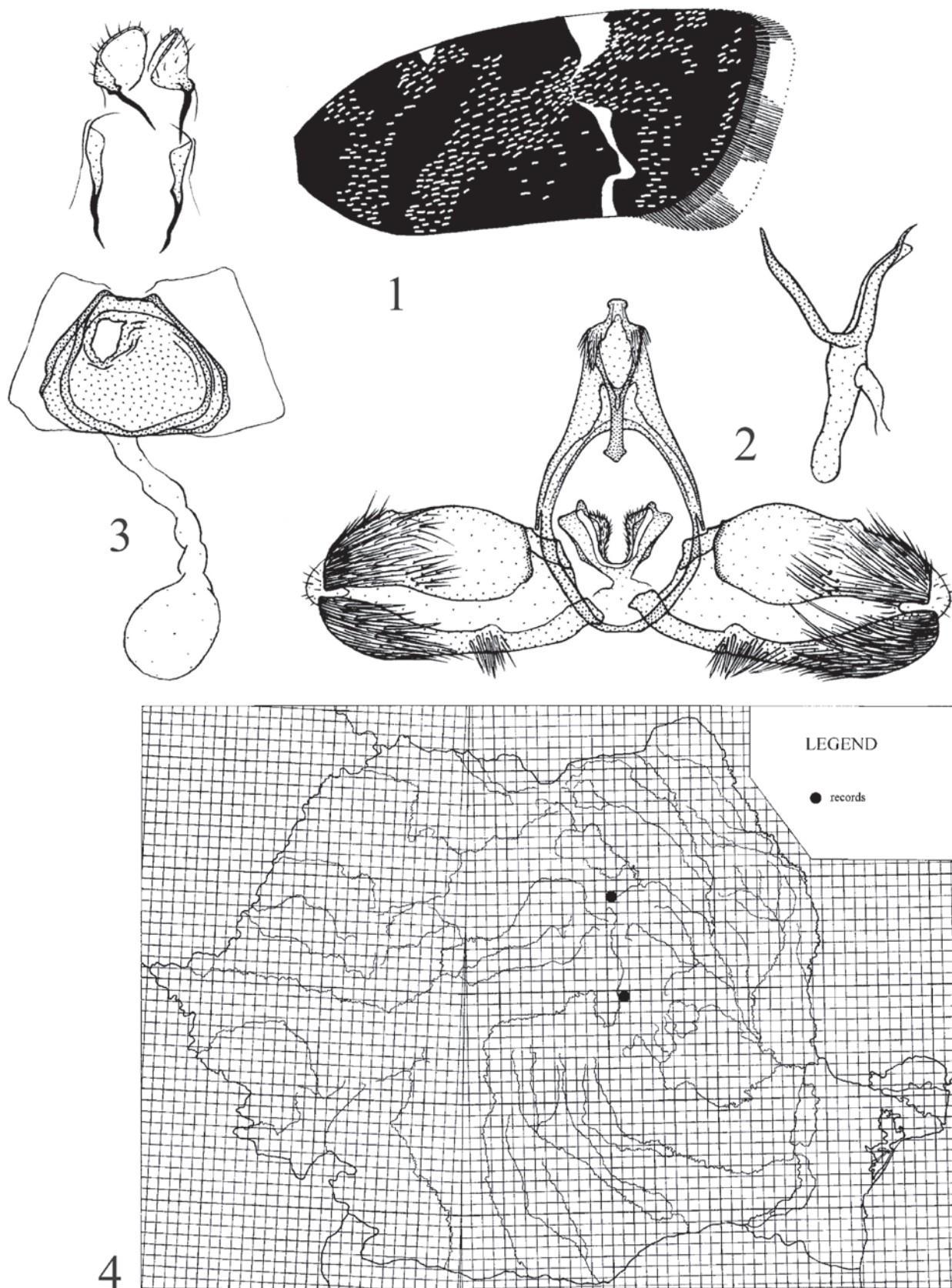
Remarks: Adults, male and female genitalia resemble to those described and figured as *Anthophila abhasica* DANILEVSKY, 1969 by DIAKONOFF (1986: 90-91, pl. 2, 28, 116 fig. 18). The male genitalia is figured in lateral view by DANILEVSKY & KUZNETSOV (1981: 112).

The species is similar to *Anthophila fabriciana* (LINNAEUS, 1767), but labial palpi with long apical segments, fore wings slender, ground colour of fore wings slightly darker, more conspicuous pale ochreous costal spots (Fig. 1). Male genitalia differs having valva with indistinct costal process and broad harpe,

well sclerotized anellus and aedeagus with a large, strong, diverging lateral process (Fig. 2). By the female genitalia differences consist in large, trapezoidal sterigma, small and excentric ostium, shorter and less sinuous ductus bursae and small, rounded corpus bursae without signum (Fig. 3).

Biology: Adults were found from end of June to beginning of July, flying in the sunshine between the colonies of *Urtica dioica* L., in the same habitat where *Anthophila fabriciana* (LINNAEUS, 1767) should also be collected.

Distribution: The species was hitherto known only from Georgia: Abhasia, Avadkhara (type locality), Azerbaidzhan, south-west Russia (surroundings of Krasnodarsk), west Ukraine (Carpathian Mts., Mt. Syvulia), Czech Republik and Slovakia (DANILEVSKY & KUZNETSOV 1981; DIAKONOFF 1986, 1996). This first Romanian records from the two localities of the Eastern Carpathians (Fig. 4) represents the south-western limit of its actually known distribution.



Figs. 1 - 4: *Anthophila abhasica* DANILEVSKY, 1969 - 1, fore wing pattern of male; 2, male genitalia in ventral view (genit. prep. no. 1608/ KOVÁCS); 3, female genitalia in ventral view (genit. prep. no. 1609/ KOVÁCS); 4, distribution in Romania.

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