

***Depressaria libanotidella* (SCHLÄGER, 1849) - first record from Poland
(Lepidoptera: Depressariidae)**

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ABSTRACT. *Depressaria libanotidella* (SCHLÄGER, 1849) is reported as a new species to Polish fauna. The species was found in the southern part of Poland in the Pieniny Mts.

KEY WORDS: Lepidoptera, Depressariidae, *Depressaria libanotidella*, faunistics, Poland.

The genus *Depressaria* is represented in Europe by 56 species (LVOVSKY 2004). Only 18 species of this group were reported from Poland (BUSZKO & NOWACKI 2000).

Depressaria libanotidella was described by SCHLÄGER (1849) from the vicinity of Jena, Germany (HANNEMANN 1995). The discussed species occurs locally in many European countries, from Spain, through France, Alpine Countries, Macedonia, Czech Republic, Slovakia, Rumania, Ukraine, Russia, Estonia to Sweden and Finland (LVOVSKY 2004). Larvae of this species feed on *Libanotis pyrenaica* (L.) BOURGEOU [*Seseli libanotis* (L.) KOCH], in Alps Mts. *Depressaria libanotidella* var. *laserpitii* NICKERL, 1864 feed on *Laserpitium prutenicum* L. (= *L. hirsutum* GILIB.) (HANNEMANN 1995).

Externally (Fig.1) *D. libanotidella* is similar to several other species of the genus *Depressaria*, usually correct determination requires examination of genitalia. On the fig. 2 and fig. 3 are shown male and female genitalia of the specimens caught at Grabczychy. Male and female genitalia are illustrated in TOLL (1964) and in HANNEMANN (1995). Good photos of male and female genitalia gives also PALM (1989).

All specimens of *Depressaria libanotidella* were attracted to light, during the field research in the Polish part of Pieniny Mts.

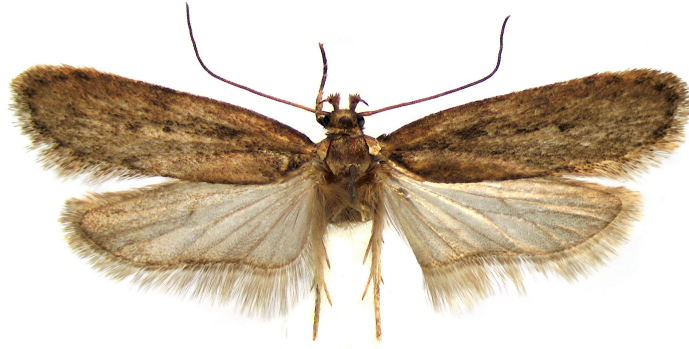


Fig. 1. *Depressaria libanotidella* collected at Grabczychy.



Fig. 2. Male genitalia of *D. libanotidella*.



Fig. 3. Female genitalia of *D. libanotidella*.

Material examined

- Grabczychy, UTM grid: DV57, alt. 550 m a.s.l., 18 V 2006, 2 ♂♂, 26 VI 2006, 3 ♀♀♀, leg. R. WAŚALA
- Niedzica Biała Skała, UTM grid: DV57, alt. 630 m a.s.l., 20 V 2006, 1 ♀, 4 VI 2005, 1 ♀, leg. R. WAŚALA

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REFERENCES

- BUSZKO J. NOWACKI J. 2000. The Lepidoptera of Poland. A Distributional Checklist. Polskie Towarzystwo Entomologiczne, Poznań, 178 pp.
HANNEMANN H.J. 1995. Klainschmetterlinge oder Microlepidoptera IV. Flachleibmotten (Depressariidae). [in:] F. DAHL (eds.). Die Tierwelt Deutschlands und der angrenzenden Meeresteile nach ihren Merkmalen und nach ihrer Lebensweise, Jena & Stuttgart, Gustav Fischer Verlag, Teil 69: 163 pp + Farbtafeln.
LVOVSKY A. 2004. Fauna Europaea: Tortricidae. [in:] O. KARSHOLT, E.J. van NIEUKERKEN (eds.) (2004) Fauna Europaea: Lepidoptera, Moths. Fauna Europaea version 1.1, <http://www.faunaeur.org>
PALM E. 1989. Nordeuropas Prydvinger (Lepidoptera: Oecophoridae) Danmarks Dyreliv, Fauna Boger, København, 4: 247 pp., 8 Farbtaf.
TOLL S. 1964. Motyle - Lepidoptera. Oecophoridae. - Klucze do oznaczania owadów Polski, Cz. XXVII, z. 35, PWN Warszawa, 174 pp.

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