## A new species of the genus *Depressaria* Haworth, 1811 (Lepidoptera: Depressariidae) from Kazakhstan and Tajikistan

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Depressaria kailai sp. n. from the south-east Kazakhstan and Tajikistan is described. The new species is closely related to *D. hannemanniana* Lvovsky, 1990, being different in the structures of male and female genitalia.

Key words: Lepidoptera, Depressaria, new species, Kazakhstan, Tajikistan

A species-rich genus *Depressaria* Haworth, 1811 is represented mainly in the temperate zone of Northern Hemisphere. About 130 species of this genus have been described from the Holarctic Region, among them 50 species are known from Europe (Hannemann, 1996) and 64 species from the territory of the former USSR (Lvovsky, 2006). Only very few species were recorded for the southern countries such as India (Cotes & Swinhoe, 1889) and South Africa (Vári et al., 2002).

The representatives of the genus prefer woodlands and very rarely can be found in the deserts and semideserts. The adult moths are on the wing during the second half of summer and in autumn, then hibernate and fly again in spring when oviposition takes place. The larvae feed between the flowers and seeds, rarely leaves of herbaceous plants, mainly belonging to the families Apiaceae and Asteraceae.

The adult moths are usually very similar in the coloration and pattern of the wings, but have good differences in the genitalia structures. The keys for determination with illustrations of male and female genitalia were published for European and western Palaearctic species by Hannemann (1953, 1958, 1995) and for the species from the territory of the former USSR, by Lvovsky (2001, 2004).

The newly described species has been collected by Finnish and Estonian entomologists Lauri Kaila, Kauri Mikkola and Urmas Jürivete during their field works in Central Asia in 1990-1991. The holotype and female paratype are deposited at the Finnish Museum of Natural History, University of Helsinki. The second paratype (male) is deposited at the Zoological Institute, Russian Academy of Sciences (St. Petersburg).

## Depressaria kailai sp. n.

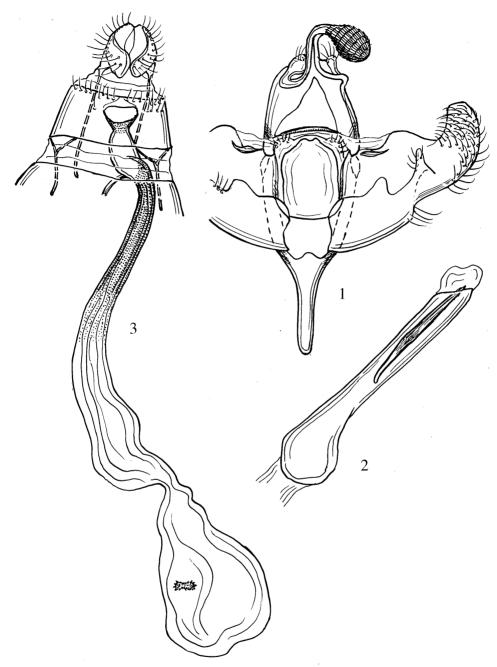
(Figs 1-3)

Holotype. Male; **Kazakhstan**, 43°24′N 75° 02′E, *Dzhambul Prov.*, 70 km NNE of Frunze [now Bishkek], rocky slope, 950 m; 19 July 1990, ad luc.; leg. L. Kaila & K. Mikkola; gen. prep. No. 144.

Paratypes. 1 female; Kazakhstan, 43°24′N 75°02′E, Dzhambul Prov., 70 km NNE of Frunze [now Bishkek], rocky slope, 950 m; 19 July 1990, ad luc.; leg. L. Kaila & K. Mikkola leg.; gen. prep. No. 132. – 1 male, **Tajikistan**, 39°N 71°E, W of Peter I Mts., Tajikabad, 2400 m, 7 June 1991; leg. U. Jürivete; gen. prep. no. 121.

Description. Forewing length 10-12 mm, wingspan 22-26 mm. Head and thorax light grey. Labial palpi recurved; second segment with brush of scales, twice longer than apical one. Forewing brown with some small black strokes in the cell and outer part. Hindwing light grey.

Male genitalia (Figs 1, 2). Socii very small, oval. Gnathos oval. Valva with obtuse apex and wavy dorsal margin; ventral margin with distinct medial prominence; sacculus bearing small apical process. Saccus half length of ventral margin of valva. Aedeagus straight, with single large cornutus occupying about half of its length.



Figs 1-3. Depressaria kailai sp. n.: 1, male genitalia without aedeagus; 2, aedeagus; 3, female genitalia.

Female genitalia (Fig. 3). Ovipositor very short. Ostium situated on sternite VIII. Antrum cup-shaped. Sclerotized section of ductus bursae starts at some distance from antrum and occupies about half length of ductus. Ductus seminalis arising near an-

trum. Bursa copulatrix with a single small and oblong signum.

*Diagnosis*. The new species is closely related to *D. hannemanniana* Lvovsky, 1990 being different in having oval and wider gnathos, evident medial ledge of ventral

margin of valva, and larger cornutus of aedeagus in male, and by shorter sclerotized section of ductus bursae in female.

## ACKNOWLEDGEMENTS

The author is thankful to Lauri Kaila (Finnish Museum of Natural History, University of Helsinki) for the opportunity to examine the specimens of new species. The study was financially supported by the Program of the Presidium of the Russian Academy of Sciences "Scientific Grounds of Conservation of Biodiversity in Russia".

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Received 15 January 2009 / Revised 10 May 2009 / Accepted 20 May 2009