

On the identity of *Annickia alpicola* GIBEAUX, 1990 (Lepidoptera, Tineidae, Gracillariidae)

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Summary

The monotypic genus *Annickia* GIBEAUX, 1990, recently described in the Tineidae (Meessiinae) is transferred to the Gracillariidae and synonymized with *Callisto* STEPHENS, 1834. *A. alpicola* GIBEAUX, 1990, is a new synonym of *C. coffeella* (ZETTERSTEDT, 1839).

Zusammenfassung

Die neulich in den Tineidae (Meessiinae) beschriebene Gattung *Annickia* GIBEAUX, 1990, wird zu den Gracillariidae überführt und mit *Callisto* STEPHENS, 1834, synonymisiert. *A. alpicola* GIBEAUX, 1990, ist ein neues jüngeres Synonym von *C. coffeella* (ZETTERSTEDT, 1839).

The lepidoptera fauna of Central Europe is one of the best known in the world and therefore new species are rarely found. Every candidate for a description has to be studied with due suspicion to avoid possible new synonymies.

Recently, a new taxon has been described in the family Tineidae from a single male specimen taken in the French Alps (GIBEAUX, 1990). Having consulted specialists of this family, neither of whom knew the species, nor its generic position, it was described as a new genus and species : *Annickia alpicola*. Unfortunately it was not recognized that the discussed taxon in fact belongs to the Gracillariidae where it is simply a new synonym.

Callisto STEPHENS, 1834, Illustrations of British Entomology (Haustellata) 4 : 276. Type species : *Tinea denticulella* THUNBERG, 1794, D. D. Dissertatio Entomologica sistens Insecta Svecica 7 : 97, by original designation.

Annickia GIBEAUX, 1990, Entomologica gallica 2 : 23. Type species : *Annickia alpicola* GIBEAUX, 1990, *ibidem* 2 : 23, by original designation and monotypy. **Syn. n.**



Figs. 1-3. *Callisto coffeella* (ZETTERSTEDT), male genitalia. 1 : genitalia. 2 : aedeagus. 3 : sternum VII. Austria, Teriol sept., Vent 2000 m, e.l. 1.3.1956, leg. BURMANN (TIN 4).

Callisto coffeella (ZETTERSTEDT, 1839), *Insecta Lapponica* : 1009 (*Oecophora*).

Callisto interruptella (ZETTERSTEDT, 1839), *Insecta Lapponica* : 1009 (*Oecophora*) (Synonymized with *coffeella* by BENANDER, 1940 : 61).

Callisto alpicola (GIBEAUX, 1990), *Entomologica gallica* 2 : 23.

Comb. n., syn. n.

A full generic and specific synonymy is not given.

Discussion

The genus *Callisto* includes 5 European species which can be distinguished both externally and in the genitalia. The supposed phylogenetic interrelationships of four species has been studied by KYRKI *et al.* (1984). Species of *Callisto* are particularly characterized by a long and slender aedeagus, a long and narrow saccus in the male genitalia and paired, finely dentate long and narrow signa in the females. *C. coffeella* has the following characteristics in the male genitalia : sternum VII indented at apex, posterior processes of the anellus united basally, aedeagus without spines at the tip (figs. 1-3). The description of *alpicola* is very precise and fits perfectly with the figures of the type material of *coffeella* (BENANDER, 1940 : 65, fig. 13) and with other illustrations of this species (e.g. KUZNETSOV, 1981 : 222, pl. 210, fig. 2, pl. 213, fig. 3).

DISTRIBUTION : *C. coffeella* shows an arctoalpine pattern of distribution and it has been recorded from Scotland, Norway, Finland, Sweden, Poland and USSR (Carpathian Mts. and adjacent uplands) and from Germany, Austria, Switzerland, Yugoslavia, Italy and France (Alps). The species was recorded from France by LERAUT (1977).

BIOLOGY and HABITAT : Larvae feed on *Salix spp.* first in leafmines on the lower surface, later feeding under a turned down edge of a leaf, similar to other species of the genus. The moth flies actively during sunshine, usually around willow bushes in the subalpine and alpine zones. The habitat described by GIBEAUX (1990) is typical for this species.

Acknowledgements

I am indebted to Dr. M. LÖDL (Vienna) for help with literature and to Dr. G. TARMANN (Innsbruck) for helpful discussions.

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Zeitschrift/Journal: [Nota lepidopterologica](#)

Jahr/Year: 1990

Band/Volume: [13](#)

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Artikel/Article: [On the identity of Annickia alpicola Gibeaux, 1990 \(Lepidoptera, Tineidae, Gracillariidae\) 133-136](#)