

## BOOK REVIEW

CHAMBON J.-P.: ATLAS DES GENITALIA MÂLES DES LÉPIDOPTÈRES TORTRICIDAE DE FRANCE ET BELGIQUE. INRA, Paris, 1999, 400 pp. (in French). ISBN 2-7380-0850-X. Price FRF 540.00.

The book covers all tortricid species known to occur in France and Belgium to date, which represents nearly 70% of all European tortricids. The Tortricidae is one of the most species-rich Lepidopteran families in Europe, that includes not only a great number of important agricultural and forest pests, but also many local and interesting species closely associated with various specific ecosystems. Safe identification of Tortricidae may be very important for many ecological projects. Not all tortricids can be safely identified by the external characters, and it may then be necessary to examine the genitalia of the specimens. The Chambon's atlas serves a good opportunity for easy and quick verification of the species according to the male genitalia.

A short general introductory section deals with methods used for identification of the Tortricidae with special attention given to determination according to morphology of male genitalia. The keys to the subfamilies, tribes and genera are given. The systematic treatment, including numbering of the species, fol-

lows that used by Leraut (1997) in Systematic and a synonymic list of the Lepidoptera of France, Belgium and Corsica. It includes some additions and corrections to Leraut's list and will be of great importance for all users. The atlas is based mostly on the author's excellent drawings of the genitalia and serves as a very good reference to the safe determination of most of the 630 illustrated species.

The book is excellent, although there are a few minor errors in the text. For example: *Cochylimorpha erlebachii* was described by Huemer & Trematerra, not by Huemer alone, this species is missing in summary of the species added to Leraut's list (p. 28). Authors of species names are sometimes erroneously printed with or without parentheses and follow the mistakes from Leraut's list, e.g., *Aethes piercei* (Obratzov, 1952) should be *Aethes piercei* Obratzov, 1952, *Cochylis catalonica* Gibeaux, 1985 should be *Cochylis catalonica* (Gibeaux, 1985), *Cochylis pallidana* (Zeller, 1847) should be *Cochylis pallidana* Zeller, 1847.

The Chambon's book is indispensable for all lepidopterologists and other entomologists who need to safely identify males of the Tortricidae, not only from France, but from most of Europe.

J. Jaroš

## ANNOUNCEMENT

### 14th Ecdysone Workshop ECDYSONE 2000

July 24–27, 2000  
Rapperswil, Switzerland

#### Invited Speakers

E.E. Baulieu and F. Cadepon, L.I. Guilbert, A. Gustafsson, D.S. Hogness, D. Moras, C. Thummel, W. Wahli, A. Wolffe

#### Moderators of Special Sessions

F. Kafatos, J.-A. Lepesant, A. Retnakaran, C. Sekeris

#### Topics of Regular Sessions (slides or posters)

Everything about ecdysone! (Chemistry, biochemistry, physiology, developmental and cell biology, molecular biology and genetics, mode of action, sources, application.)

#### Special Sessions:

- Interplay of ecdysone with other insect hormones
- Industrial application of modern ecdysone research

#### Organisation

General: M. Lezzi, Cell Biology, ETH, Zurich, Switzerland

Scientific program: K.-D. Spindler, Allgem. Zoologie, University Ulm, Germany

Social program: H. Kayser, Novartis, Crop Protection, Basel, Switzerland

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