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Razowski, J., and V. O. Becker

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BOOK NEWS

REVISION DER GATTUNGEN DER SCOPARIINAE

by Matthias Nuss
1999. In *Nova Supplementa Entomologica*. Vol. 13. Berlin. 152pp (17 x 24cm). Paper. ISSN 0005-805-X.

This world generic revision covers the Scopariinae, species related to the aquatic pyralids of the subfamily Nymphulinae. The typical wing maculation of most species induced early authors to describe most of them in the single genus *Scoparia*, which still is the largest genus after *Eudonia*, but other genera were described in more recent decades. Nuss recognizes 21 genera, plus 5 genera he has in a separate related subfamily Heliothelinae; 4 additional genera are still unplaced and a few other taxa are transferred to other pyralid subfamilies (there is even one species put in Tortricidae). Each genus is described and included species are listed. There are illustrations of genitalia and other morphology, distribution maps by genus, and one color plate of adults.

BASIC TECHNIQUES FOR OBSERVING AND STUDYING MOTHS & BUTTERFLIES

by William D. Winter, Jr.
2000. Lepidopterists' Society, Los Angeles. (*Memoir*, No. 5). 444pp (20 x 25cm). \$20.00 paper. ISBN 0-930282-07-8.

Every conceivable subject is covered, from making genitalia dissections and spreading, to wildlife laws and the politics of collecting. The author begins with a chapter for the butterfly watchers, but thereafter treats all aspects of making collections and doing research on Lepidoptera. There are 13 chapters: 1) Observing moths and butterflies, 2) Photography, 3) Records, 4) Identification, 5) Gardening for Lepidoptera, 6) rearing, 7) Collecting adult Lepidoptera, 8) Preparing specimens, 9) Preparing genitalia, 10) Hazards, 11) Interactions, regulations and transactions, 12) Guidelines for collecting, and 13) Disposition of collections. The 15 appendices cover such topics as how to write a scientific paper, to lists of dealers and suppliers, to careers in lepidopterology.

PHOTOGRAPHIC ATLAS OF ENTOMOLOGY AND GUIDE TO INSECT IDENTIFICATION

by James L. Castner
2000. Feline Press, Gainesville. 174pp (20x28cm). \$35.00 paper (spiral). ISBN: 0-9625150-4-3.

This is a kind of laboratory book designed for simplified identification training for the commoner insect families and orders. Most illustrations are color photographs (670) of actual specimens, many being excellent. The Lepidoptera section covers only butterfly families and a few of the macro-moth families (plus Sesiidae). Some old family names are used (e.g., Heliconidae [sic], Citheroniidae, and Ctenuchidae). The only annoyance with the figures is that while common names are used to identify the species illustrated, the scientific names are not noted for these species. While showing mostly Nearctic species, some tropical species are also illustrated. The best treatments appear to be for true bugs and beetles. The introduction covers insect morphology.

DIE LARVEN DER EUROPÄISCHEN NOCTUIDAE. Revision der Systematik der Noctuidae (Lepidoptera: Noctuidae). Band 3-4

by Herbert Beck
2000. Verlag Eitschberger, Markt-leuthen, Germany. 2 v. (336 + 512pp) (21 x 30cm). DM 520 (ca. \$235.00) cloth. (*Herbipoliana*, 5) ISBN: 3-9923807-04-X. These last volumes include Part 3, with 99 color plates showing over 1750 larvae in nature for 900 species of European noctuids; and Part 4,

with English summaries of discussions on the classification of Noctuidae and the descriptions of the larvae. All European Noctuidae are treated. The text to Pt. 1-2, already published in 1999, describes the larva of each species and provides diagnostic line drawings of the larvae, plus identification keys. The main text is in German. Together, the 4 volumes represent a huge amount of work to describe and illustrate so many of the species of European Noctuidae. There are interesting and detailed discussions on the current higher classification of the Noctuidae.

SCHMETTERLINGE UND IHRE LEBENSRAÜME:

ARTEN - GEFÄHRDUNG - SCHUTZ. Band 3

by Lepidopterologen Arbeitsgruppe
2000. Pro Natura - Schweizerischer Bund für Naturschutz, Basel, Switzerland. 914pp (21 x 30cm). \$80.00 cloth. ISBN 3-85587-032-2.

This is the third and final volume of the full-color series on the Lepidoptera of Switzerland and their biologies. With the dozens of contributing authors and collaborators, the book again has an amazing depth of coverage for each species, usually with full life history photographs usually showing all stages in color. Families treated in this volume include Hepialidae, Cossidae, Sesiidae, Thyrididae, Lasiocampidae, Lemoniidae, Endromidae, Saturniidae, Bombycidae, Notodontidae, Thaumetopoeidae, Dilobidae, Lymantriidae, and Arctiidae. No other books anywhere have the kind of treatment for each species that this series has: one needs to see the books to believe it (this volume has 1,992 color photographs taken from nature, plus another 34 color plates of painted specimens!). Species treated occur in most of Central Europe. The only hindrance to wider use of these books is the German text.

BUTTERFLIES OF AUSTRALIA

by Michael F. Braby
2000. CSIRO, Collingwood. 2 vol., 1008pp (20 x 29cm). \$195.00 cloth. ISBN 0643-06591-1.

The 2-volume set on butterflies of Australia continues the CSIRO tradition of fine books on the fauna of Australia. The author treats the nearly 400 species found in Australia. There are 70 color plates illustrating museum specimens, most all showing both sexes and both wing surfaces. The main text covers details of each species, illustrating the adult again in halftone photographs; and including a distribution map for each species. Each species is described, and the biology and distribution, plus related species, are discussed.

MACROMOTHS OF NORTHWEST FORESTS AND WOODLANDS

by Jeffrey C. Miller and Paul C. Hammond
2000. USDA Forest Service, Morgantown, WV (U.S. Geol. Survey, Corvallis, OR). 133pp (21 x 28cm). Paper (FHTET-98-18).

This large-format booklet illustrates in color 251 of the larger moths to be found in the northwestern United States, plus diagnostic notes on another 300 species, thus covering about a third of the macro-moth fauna of the region. Families treated include Arctiidae, Dioptidae, Drepanidae, Geometridae, Lasiocampidae, Lymantriidae, Noctuidae, Notodontidae, Saturniidae, Sphingidae, and Thyatiridae. Also noted briefly in the preliminary text is the family Epiplemae, but no species are illustrated. A brief introduction covers Lepidoptera biology and techniques of moth collecting and rearing. Species texts are brief, with notes on identification markings, habitat, flight period, and known hostplants. This is the first book to illustrate western North America moths in color since Holland included a few western species in his *Moth Book* of 1898.

MEETINGS

2001	Mar 7	Entomologischer Verein Apollo, Frankfurt, Germany
	Apr 20-22	Association for Tropical Lepidoptera, Gainesville, Florida, USA
	Jul 26-29	Lepidopterists' Society, Corvallis, Oregon, USA

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