

relevant Hewitson types. Perhaps these photographs, along with a more modern treatment of the names, can be the basis of a future companion volume to the present one.

The specialist can ill-afford to be without this book, unless he is fortunate enough to have access to the original papers. The amateur, however, can gain little from it because of the absence of illustrative material. The insights into Hewitson alone may make the book interesting to the general reader, especially if he is a history buff.

LEE D. MILLER, *Allyn Museum of Entomology, 3701 Bay Shore Road, Sarasota, Florida 33580.*

---

AN AMATEUR'S GUIDE TO THE STUDY OF THE GENITALIA OF LEPIDOPTERA. 1972. Published by the Amateur Entomologist's Society, Feltham, Middlesex, England (A. E. S. Leaflet No. 34). 16 p., 15 figs. Price: not known. Available through the Publications Agent, L. Christie, 137 Gleneldon Road, Streatham, London, S. W. 16, England.

This little work is a fine introduction to the dissection and study of the genitalia of Lepidoptera, written clearly and concisely and well illustrated by line drawings of actual genitalia and the procedures for dissecting them. Simple step-by-step directions for the dissection of these structures make the study of genitalia something for everyone, not a deep, mysterious subject restricted to the "experts."

The functions of the genitalic structures are discussed so that they have a biological, as well as taxonomic, significance for the amateur. The nomenclature of the parts follows Tuxen's *Taxonomists' Glossary of the Genitalia in Insects* (1956), the only text available which attempts homologies between genitalic structures in the various orders.

The mounting medium for the genitalia discussed is Euparal which is not in vogue on this side of the Atlantic, most slides being prepared here in Canadian balsam or synthetic equivalents. The only real difference in technique involved is dehydration of the genitalia in 95% ethanol, then xylene, and final mounting in the balsam-type medium.

The Amateur Entomologist's Society is to be congratulated on preparing a very handy and informative little booklet. I wish I had an idea of the cost (I am certain it is nominal), but this information can be obtained from the Publications Agent, Mr. Christie. It would be worth doing so for anyone who wishes to become familiar with these important structures.

LEE D. MILLER, *Allyn Museum of Entomology, 3701 Bay Shore Road, Sarasota, Florida 33580.*