

- Lepidoptera III. Satyridae. Veröffentlichungen der Zoologischen Staatssammlung München, 8: 51-188, 9 plates, 264 figs.
- HERINGER, E., 1966. Trabalhos apresentados nos vários congressos da Sociedade Botânica do Brasil. Anais Soc. Bot. Bras., in press.
- LEMOULT, E., & P. REAL, 1962. Les Morpho d'Amerique du Sud et Centrale. Published by the authors, Paris. xiv + 296 pp., 116 plates.
- SEITZ, A., 1930-1932. Goyaz-Reise. Ent. Rndsch., 47: 29-32, 35-38, 43-48; 48: 1-6, 36-39, 48-51, 74-76, 81-83, 105-109, 137-140, 142-146, 184-189, 197-202, 205-213, 224-228, 236-242, 245-248, 257-263; 49: 11-15, 17-21, 41-47, 73-77, 91-94, 105-109, 118-123, 129-133, 139-143, 151-152, 197-200, 205-210, 218-219, 228-231, 238-243, 253-256, 1 plate, 26 figs.
- SPITZ, R., 1930. Über neue brasilianische Insektenformen. Ent. Rndsch., 47: 39-43, 2 figs.
- 1931a. Variationerscheinungen an *Euptychia armilla* Btlr., und einige neue Lepidopteren aus Brasilien. Rev. Ent. (São Paulo), 1: 42-52, 2 figs.
- 1931b. Espécies Novas de Macrolepidópteros Brasileiros e suas biologias. Rev. Museu Paulista (São Paulo), 17: 459-482, 4 plates.
- STICHEL, H., 1932. Brassolidae. Lep. Cat., 51, Junk, Berlin.
- TALBOT, G., 1928. List of Rhopalocera collected by Mr. C. L. Collenette in Mato Grosso, Brazil. Bull. Hill Mus. Witley, 2: 192-220, 3 plates.

BOOK NOTICE

INSECTS OF HAWAII, Volumes 7 and 8, by Elwood C. Zimmerman. University of Hawaii Press, 535 Ward Avenue, Honolulu, Hawaii 96814, 1958. Volume 7 (Macrolepidoptera): 542 pp., 423 black and white figures. Volume 8 (Pyraloidea): 456 pp., 347 black and white figures. By mail, both \$17.50 in United States.

Volume 7 pictures with some detail the 168 species of Macrolepidoptera in 46 genera that were known from Hawaii as of December, 1956. The families Geometridae, Noctuidae and Sphingidae are best represented in the Hawaiian fauna. Of the 158 species of moths treated, 130 are endemic and 28 are foreign introductions. Only two of the ten butterflies in the fauna are endemic. These are *Vanessa tameamea* Eschscholtz and *Vaga blackburni* (Tuely).

Volume 8 contains valuable information pertaining to the 226 species of pyraloid moths, of which 190 are endemic and 36 are foreign introductions. Only four subfamilies of Pyraloidea (Pyraustinae, Scopariinae, Crambinae and Phycitinae) are mentioned as having species endemic to Hawaii.

Both soft-bound volumes contain a checklist of the Lepidoptera mentioned therein, followed by a complete summary of the nomenclatural changes made in each volume and a tabular summary of the endemic Hawaiian species. A discussion of the morphological features and the host-plants of each species is also presented, with keys given in many of the genera.

The black and white photographs comprising most of the figures representing the adults and their genitalia are excellent and are enlarged considerably for detail. Both volumes are essential to anyone interested in the Hawaiian fauna.—GLENN A. GORELICK, *University of California, Berkeley*.