

The Moths of North America

Fascicle 25.4

NOCTUOIDEA NOCTUIDAE (Part) Pantheinae, Raphiinae, Balsinae, Acronictinae

B. CHRISTIAN SCHMIDT

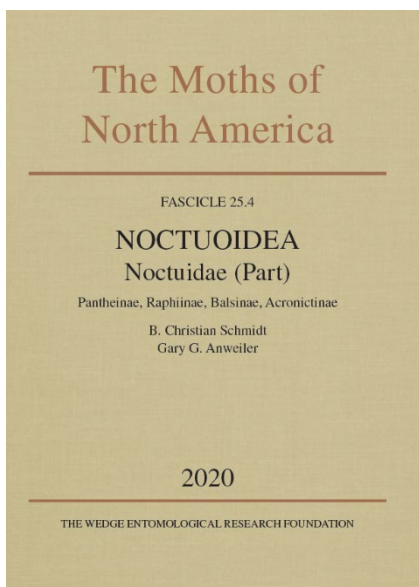
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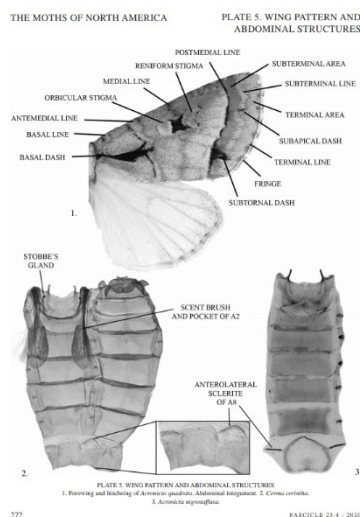
JOCELYN D. GILL

479 pages, 130 species accounts, 31 colored plates, 44 monochrome plates. Hardbound. ISBN 978-0-9796633-4-5.

Published in 2020 by the Wedge Entomological Research Foundation



The New World Noctuidae of the subfamilies Pantheinae (10 genera, 34 species), Raphiinae (1 genus, 1 species), Balsinae (1 genus, 3 species), and Acronictinae (5 genera, 92 species) are revised. With the exception of the Neotropical Pantheinae genera *Lichoptera* Herrich-Schäffer, *Gaujonia* Dognin, and *Bathyra* Walker, 130 species are treated, 102 of which occur in the United States and/or Canada, 26 are restricted to Mexico and/or Central America, one Eurasian species that could occur in Alaska/Yukon, and one European species that has been introduced as a biological control agent. Four new genera are described, *Arctioptera* Anweiler and Schmidt (Type species: *Charadra cavillator* Morrison), *Neopanthea* Anweiler and Schmidt (Type species: *Panthea apanthea* Anweiler), *Characasia* Anweiler and Schmidt (type species: *Charadra nigra* Edwards), and *Semixanthia* Anweiler and Schmidt (type species: *Charadra franclemonti* Anweiler and Schmidt). Two new subgenera of the genus *Acronicta* Ochsenheimer are proposed: *Magnicosta* (type species: *Anytus atristrigatus* Smith) and *Dossena* (type species: *Microcelia retardata* Walker). Sixteen new species are described: *Panthea grande* Anweiler and Schmidt, *Semixanthia baja* Schmidt and Anweiler, *Charadra sonorensis* Anweiler and Schmidt, *Charadra insperata* Anweiler and Schmidt, *Charadra landolti* Anweiler and Schmidt, *Charadra ochrea* Anweiler and Schmidt, *Chloronycta vulcanica* Schmidt and Anweiler, *Acronicta nigrosuffusa* Schmidt and Anweiler, *Acronicta vermiformis* Schmidt and Anweiler, *Acronicta wikei* Schmidt and Anweiler, *Acronicta immodica* Schmidt and Anweiler, *Acronicta cryptica* Schmidt and Anweiler, *Acronicta magnirena* Schmidt and Anweiler, *Acronicta texana* Schmidt and Anweiler, *Acronicta mexicana* Schmidt and Anweiler, and *Acronicta maya* Schmidt and Anweiler. *Acronicta vinnula floridensis* Schmidt and Anweiler is described as a new subspecies. Six neotypes and 18 lectotypes are designated, and eleven species are subsumed into synonymy. Two species are raised from synonymy. Genitalia, dot range maps, and adults are illustrated, the latter in color. Color larval photographs for 77 species are also provided.



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