

BOOK REVIEWS

Journal of the Lepidopterists' Society
57(2), 2003, 157

THE BUTTERFLIES OF CASCADIA, by R. M. Pyle, Seattle Audubon Society; Cloth ISBN: 0-914516-13-2; Price: \$29.95

Bob Pyle has produced another book detailing his love affair with butterflies. *The Butterflies of Cascadia*, is a newly eclosed field guide derived from long rambles in those emerald mountains, boreal meadows, and rocky fields that form the author's back yard, and it radiates the spirit of a butterfly enthusiast and naturalist.

There are three parts. The first contains a short explanation of "Cascadia" and its mosaic of habitats (ecogeographic provinces), a short history of the butterfly pioneers in the Pacific Northwest, followed by a brief 'how to use this book'. The second and most ample part is, of course, the species accounts. Like most field guides, each species is treated in telescopic manner to facilitate field identification and provide a snippet of natural history information. Next to the individual account are color portraits that were photographed in the field. But here the similarity to other field guides ends. Nearly all species accounts are unique by having Pyle's eclectic anecdotes to accompany them. Overall this renders a bucolic flavor such that the reader can almost smell the mold, pine needles or sagebrush of the Pacific Northwest, and take part in its butterfly history. Such *lagniappe!* Moreover Pyle manages to navigate, with considerable élan, the turbid debates over collecting versus watching, and the chloroform of nomenclature squabbles. The excellent color photos from nature and the lucid writing make the book both pleasing to the eye, and readable into the bargain. Well done! The final part consists of a checklist (complete with little boxes to tick off) followed by lists of references, organizations, a glossary, data for each color photo, and an index of butterfly names.

In summary, *The Butterflies of Cascadia* will help ensure that butterflies of the Pacific Northwest stay in the public eye, and it will be an important tool for professional entomologists and conservation biologists. This sturdily bound book deserves to be on the shelves of anyone who is interested in butterflies, the Pacific Northwest, or just fun reading.

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THE SATURNIIDAE OF AMERICA . . . LES SATURNIIDAE AMÉRICAINS. VOLUME 4: HEMILEUCINAE, by Claude Lemaire. 2002. Three parts, hardbound separately, 1388 pages, 140 color plates, 21 cm by 30 cm, ISBN 3-931374-08-4. Published by Goecke & Evers, Sportplatzweg 5, Keltern 75210, Germany; website: www.insecta.de; Price 340 euros (about US\$365).

For the specialist, this book will be seen as *the* definitive treatment of the subfamily Hemileucinae; nothing else has ever come close or probably ever will. The Hemileucinae are famous for caterpillars with stinging spines and moths with bright and contrasting colors, often with eyespots, typically represented by species of *Automeris*, and long favored by collectors. Rare and unique moths from southern Chile, the island of Hispaniola, the cerrados of central Brazil, and the high Andes of Peru and Ecuador, are shown in color for the first time. Specimens of some *Automeris* are bigger than our polyphemus moth (*Antheraea polyphemus*) and Europe's peacock moth (*Saturnia pyri*). Serious taxonomic errors, even by recent authors, have been exposed and corrected. Because this work took many years to prepare, many amateur and professional lepidopterists have eagerly anticipated it.

The publication consists of three hardbound books. The text is in English, with a French summary for each genus and species. The smooth covers are a light greenish yellow, with a color image of a different hemileucine on the front cover of each. Since this work is to be cataloged as the "volume 4" continuation of Lemaire's previous three volumes on subfamilies of American Saturniidae (Saturniinae in 1978, Arsenuriinae in 1980, and Ceratocampinae in 1988), the present three books are labeled parts A-C, instead of volumes 1-3. These parts cannot be purchased separately, which is entirely appropriate. Part A consists of the preface, foreword, introductory sections, and text treatments of 31 genera including *Lonomia*, *Coloradia*, *Hemileuca*, *Automeris*, *Hylesia*, and several others, running from pages 1-688. The lengthy preface by Daniel Janzen offers biographical notes about Lemaire and some colorful commentary on the multifaceted value of his published works. Part B completes the treatments of the remaining 18 genera, and has an exhaustive bibliography, 185 pages of distribution maps, and 214 pages of drawings showing genitalia, wing venation, antennae, and legs, running from pages 689-1388. Part C contains 126 color plates of pinned