monocots and Trochodendraceae in Assam and SW China and Compositae (Tree Senecios) surrounding Lake Victoria (Africa) producing dicots, based on butterfly and castnild host plant and phylogeny relationships (Shields and Perkins, in prep.).


The book is liberally illustrated, well-organized, has select references, and author and subject indices. Hopefully this new union of phylogeny and plate tectonics may stimulate a renewed interest in Lepidoptera biogeography in the near future.

Oakley Shields, 4890 Old Highway, Mariposa, CA 95338.


This book, along with “Volume 1: Marine and brackish water animals” and “Volume 2: Land and freshwater animals (not insects)” both edited by R. W. Sims, is a guide to the identification literature. The book meets its objective of providing “a list of primary references which will enable non-specialists to set about identifying insects from any part of the world.” Literature was selected, primarily by the British Museum entomologists, on the basis of usefulness in identifications, and especially the inclusion of keys, illustrations and bibliographies. Literature treating only one genus or species-group was excluded.

The references are arranged taxonomically, then geographically, making retrieval efficient. An index of group names is also provided. Many of the citations include helpful annotations on content or usefulness. Citations of some multi-part works have been combined to save space; this practice could have been followed more extensively (e.g. Diakonoff’s Microlepidoptera of New Guinea on p. 123).

The Lepidoptera portion (pp. 120-137) seems well done and relatively complete. The only significant error I noticed (p. 128) is that Adamczewski 1951 should be listed under Pterophoridae not Alucidae. The useful Economic Insect Fauna of China series was overlooked (understandably due to its rarity outside the People’s Republic of China); it includes Lymantridae, Noctuidae, Notodontidae, Pyralidae, Sphingidae, and Tortricidae. Other useful papers that could have been included are Davis 1967 (Nearctic Prodoxingae), 1975 (Ochsenheimeriidae), Freeman 1958 (Nearctic Archipinae), 1967 (Nearctic conifer leaf-miners), Hogue 1963 (Nearctic Stiriini), Kuznetsov 1979 (Palearctic Gracillariidae genera), McDunnough 1928 (Nearctic Agrotinae genera), Powell 1969 (Nearctic Adelinae), Ringde 1949 (many papers on New World Geometridae), and Shaffer 1976 (Neotropical Peorinae).

The book will be very helpful to anyone faced with identifying insects in groups or from regions with which he is not familiar. However, it demonstrates the great lack
of useful identification works for many taxa. As is common today, the price is quite high, especially considering the book has no illustrations.

Scott E. Miller, Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts 02138.

Butterflies of Oman

It is not always easy to review a book written by a friend. It is even more difficult in this case as the aim of the 'Butterflies of Oman' is both to give an easy written account of the butterflies for the naturalist and to summarize our present knowledge of the Papilionoidea and Hesperiidae of the Sultanate of Oman for the lepidopterologist. As a scientist I would naturally expect a somewhat more concise and yet more comprehensive account, with the general introductory chapter left out; those readers who have only basic knowledge of butterflies may find it fascinating. This chapter ('About butterflies') is followed from p. 19 by a faunistic account of the Papilionoidea and Hesperiidae species recorded in Oman, with notes on their distribution, ecology, taxonomy, biology, early stages, etc.; a clear separation of the two parts would have been advantageous. Every species is illustrated in colour; set specimens were photographed by the British Museum (National History), London and the photographs of habitats, living butterflies and their larvae were taken mostly by the authors. The overall quality of the colour illustrations leaves something to be desired (partly poor printing?) and both the shadows and the far too penetrating blue ground colour chosen for the set specimens seems to have a somewhat disturbing effect. The strong matt paper is well chosen as it excludes all unwanted reflections of light that could obscure the view of the reader. It would have been better to provide all illustrations with numbers. The senior author informed me that the above given citation of the authors' names is correct: the statement made in the book is not unequivocal and could well imply that the text was written by T. [B.] L. and design made by K. L. Perhaps a relevant remark that simple is beautiful is not entirely uncalled for. The authors did not have an easy task and their aim to extend what originally had been planned as a simple colourful book on the butterflies far beyond this did not make it easier. Their personal acquaintance with Oman enabled them to make numerous interesting observations on the Oman species in their natural environment. It seems that the authors managed to achieve their aims. And, above all, I am sure that many readers will appreciate their book.

Otakar Kudrna, Rhenusallee 30, D-5300 Bonn 3, West Germany

Editor's note: The region covered by this book has a unique characteristic perhaps not realized by many western hemisphere readers. Oman represents a trisection of the Palearctic, Ethiopian, and Oriental regions which is reflected in the butterfly fauna. Anyone concerned with broad issues of biogeography would find this work, in addition to its predecessor (T. B. Larsen, 1977, The Butterflies of Eastern Oman and their Zoogeographic Composition, The Journal of Oman Studies Special Report: 179-208) invaluable references.