

Book Notices

Butterflies of North America by John Feltwell. illus. by Brian Hargreaves. American Nature Guides. Smithmark Publishers, Inc. New York, NY. 1992. 192 pp.

This is a well illustrated field guide to over 400 species of Nearctic butterflies. Details are provided for each species, including identification, habitat, flight period and distribution. The male and female of each species is illustrated, and quite often the underside of the wing. The author included 46 species of Skippers along with the butterflies. This is a very handy spiral bound, field guide size book. There is no bibliography.

Butterflies. How to identify and attract them to your garden. Marcus Schneck. Rodale Press, Emmaus, PA. 1990. 160 pp. \$24.95.

With the existing views on butterfly watching and butterfly gardening, this book is what the amateur would require to be able to attract, recognize and enjoy 250 of the butterflies of North America. Rick Mikula, in the foreword, appears to follow the "ecological party line" by suggesting that collecting butterflies, destruction of habitat, and spraying of pesticides is the cause of why species become extinct. It would have been impossible for the study of Lepidoptera to have reached a stage where amateurs can now observe and enjoy these beautiful creatures were it not for the scientific collectors. Emphasis should be placed on preserving habitats, rather than condemning collecting, or promulgating unreasonable endangered species laws.

Aside from this bias, the book does provide a brief but adequate discussion of the order Lepidoptera, metamorphosis, and public butterfly gardens. The

section on "your own butterfly garden" has an excellent chart listing the food plants, nectar source, and the species of butterflies attracted. There is also a short section on rearing butterflies. Each species is illustrated by a colored painting of the adults, and in some instances, larvae and pupae. Distribution maps are also included, as well as a short discussion of habitat, flight, lifecycle notes, host plants, and nectar sources. The text is aimed primarily at amateur lepidopterists, and would be a useful book for those interested in butterfly gardening.

Pests of stored products and their control. Dennis S. Hill. CRC Press, Boca Raton, FL. 1990. 274 pp.

Over 500 million dollars of stored products are destroyed by insects, annually in the United States. This book is intended to provide an introduction to the animal pests of stored products. Approximately 2/3 of the text deals with the various insects, mites, birds, and rodent pests attacking and destroying grains, nuts, dried meat and fish, spices, coffee, tea, fibers, feathers, and silks. Most of the species are illustrated by reasonably good black and white drawings. For each species, the author discusses the pest status, the products attacked, damage, life history and distribution. For some species he has included natural enemies and control measures. The book is intended as an economical general reference to most of the world wide pests of stored products. It could readily be adapted for teaching and training.

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