
Fundamentals of Ecology. *Eugene P. Odum.* W. B. Saunders Company, Philadelphia. 1953.
xii+384 pp. \$6.50.

This attractive and substantially bound book is appropriately entitled *Fundamentals of Ecology*. It is divided into three parts in which the principles, habitat, and applied approaches to ecology are considered. In the first part the author has approached the subject by outlining the broad principles of ecology and has followed these with examples which aid in their understanding and application. He has drawn on both plant and animal interrelationships for his examples and has in some cases added warnings to prevent a faulty or immature conclusion in the application of a principle. It appears to the reviewer that the presence of these examples in the book make it possible to effectively teach or learn general ecology without an extensive library so often associated with this study.

In the second part the habitat approach is effectively presented. In this part fresh water ecology, marine ecology and terrestrial ecology are treated in terms of environments usually considered only in specialized fields. These sections are also illustrated with pertinent examples drawn from ecological publications.

The third part deals with applied ecology in which the application of ecology to natural resources, public health and welfare and human society are discussed.

Several hundred well chosen references are listed in the bibliography which contains titles and page numbers as well as the publication. It also contains 120 illustrations in the form of charts, graphs and photographs. This book is rich in aids for the teacher or student of ecology in the field or in the classroom.

MAURICE L. GILTZ.