
Introduction to Mathematics. *Stephen C. Kleene.* D. Van Nostrand Co., Inc., New York. First edition, 1952. x+550 pp. \$8.75.

The book is meant as a text book for first year graduate students in mathematics or others at that level of mathematical facility. Its aim, as stated by the author: ". . . is to provide a connected introduction to the subjects of mathematical logic and recursive functions in particular, and to the newer foundational investigations in general." This book is also being published in Holland as a volume in *Bibliotheca Mathematica*.

The Algae of Illinois. *Lewis H. Tiffany and Max E. Britton.* University of Chicago Press, Chicago. First edition, 1952. xiv+407 pp. \$10.00.

This well illustrated volume (over 1200 line drawings in 108 plates) will be useful far beyond the boundaries of Illinois. The indicated procedure for identifying an unknown species is as follows: The phyla are delimited in the Introduction, while the classes are indicated by a short synoptic key and text descriptions. Orders and families are adequately separated by concise descriptions. Genera and species receive detailed analyses, with keys to the genera in each class and keys to the species in each genus. The final determination should be checked with the description and drawings in the book as well as authentic reference material whenever possible.

Foundations of Biology—A Laboratory Handbook. *Gardiner B. Moment and Helen V. Crouse.* Appleton-Century-Crofts, Inc., New York. 1953. v+282 pp., paper-bound. \$2.50.

Although meant for use in a biology laboratory course this volume is called a handbook rather than a manual by its authors. Probably this is because the 132 pages of descriptive material are separate from the workbook unit of 150 pages. The authors have consciously tried to avoid the habitual approaches to their subject and have not hesitated to include material from the newer areas of biological science. Their final exercise, "Evolution, Comparative Anatomy and Systematic Serology," is an example of the unique approach.

(F. W. F.)

Elementary Statistics with Application in Medicine. *Frederick E. Croxton.* Printice-Hall, Inc., N. Y. 1953. vii+376 pp. \$7.50.

This book covers all of the standard topics and methods of elementary statistics with apt examples from the medical literature. Each chapter is prefaced by a list of symbols with definitions used in the chapter. Fourteen tables at the end make this one book a self-contained library for the most common statistical applications.

E. L. GREEN

PLAN TO ATTEND—

The Sixty-third Annual Meeting of the
OHIO ACADEMY OF SCIENCE

OHIO UNIVERSITY
ATHENS, OHIO

April 15, 16 and 17, 1954