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are subject to change at last-minute notice. One of the interesting features of the book is the bibliography of useful books which students should be reading in the summer if they have no formal program in mind. Also, a great deal of travel information is given, such as temperature, pollen count, rainfall, etc. The amazing variety of opportunities which are available to students who have ingenuity and ability is made quite apparent by a casual reading of this book. It will be a very useful addition to the high school counselor's library, and it should be consulted by the science teacher who is asked the question as to what one of his bright students can do during the summer that will be of usefulness to his education.

General Biology

TODAY'S BIOLOGY, Alexander A. Fried, 314 pp., \$1.00, College Entrance Book Company, Inc., New York 11, 1962.

One of the familiar College Entrance Books products which was originally published in 1951. The format of this textbook is an orthodox one. However, at the end of each chapter, there are a great many test questions, fill in blank questions, discussion questions, etc. This is the type of book which will be invaluable for those students who need to refresh them-

selves in certain areas of biology in preparation for tests. This book is replete with illustrative material, but there is no attempt made to follow any of the newer laboratory approaches. While the cell diagram is up to date, there is very little molecular biology included. However, it is an excellent review of traditional biology, and the test material is the type which the student may expect in most cases.

GENERAL BIOLOGY, 4th Ed., Leslie A. Kenoyer, Henry N. Goddard, Dwight D. Miller, 706 pp., \$7.75, Harper and Row, New York, 1963.

A general text for the introductory college freshman course. The book is quite attractive in format, and its usefulness is attested to by its fourth edition.

However, the organization is clearly orthodox, with animals and plants presented in phylogenetic order. Concluding units are on evolution, genetics, ecology, and conservation. Introductory units are on biology, cell, metabolism, and systematics. There are references at the ends of chapters and appendix material. It should make a fine text for the traditional course.

GENERAL BIOLOGY, Andrew Stauffer, Ed., 526 pp., \$8.75, D. Van Nostrand Company, Inc., Princeton, N. J., 1963.

This text, as the preface states, is an outgrowth of *Introductory Biology* and follows the organizational plan of the second edition. It is written for the college-level, general survey course. It is profusely illustrated, reads easily, and merits consideration by the teacher for possible adoption.

The functional processes common to plants and animals provide the thematic thread for the first half of the text. Beginning with a review of the basic biological concepts, the text proceeds through chapters on how organisms transport materials within themselves, obtain and utilize food, and coordinate their activities. The second half of the text is devoted to the interactions of living things with one another, and how they reproduce, inherit, and evolve.

Recent findings in biochemistry are interwoven into the text. The topics appear in logical order and are discussed concisely. The broad range of topics prevents the authors from exploring specific subjects in depth; this, however, is to be expected in a general survey text. The absence of bibliographic reference to investigate work and the lack of suggested reference readings at the end of chapters is disappointing.

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