

in each chapter); (2) Demonstration or experiment for observation; (3) Interesting, simply-worded discussion of the best obtainable data on the subject; and (4) Questions and suggested activities to elicit objective conclusions. Each large unit is systematically summarized, and tests, readings, and pertinent motion pictures are included. Photographs, line drawings, and diagrams are used profusely, and fully half are titled in question form. The subject index is adequate, and an index of experiments and demonstrations is a convenient addition.

This book is flexible enough to enrich conventional courses already established, or to serve as the basic text in newly organized ones. The authors' preface grades it in the ninth year, but it will be equally valuable in any high school general science. It goes seriously and in a mature way about its business and asks the "learner to depend not upon the word of authority alone—he is encouraged to find his own answers."

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VANCE, B. B., BARKER, C. A., and MILLER, D. F. *Biology Workbook*. J. B. Lippincott Co., Chicago. iv + 317 pp. 1941. \$.92.

This new workbook in biology is designed for use with any standard high school biology textbook and will fit most courses of study in biology. It has features which will appeal to the high school boy and girl, especially the average high school student. The book is divided into thirteen units which are subdivided into unit-problems. Each unit-problem has activities pointing to the practical side of biology, and the problems are so worked out that each can be completed during an average class period. There are optional activities at the end of most

of the problems, giving excellent suggestions to those students who have time or special interest in doing more than the minimum work.

At the beginning of each unit there is a page of pictures, which convey to the student the problems to be taken up in the unit. These pictures are very good and well chosen. The diagrams in the book proper are large and accurate. At the end of each unit is a list of the vocabulary for the unit along with a list of "Do You Know"? questions. There are also self tests for the student which help him in checking his mastery of the unit. There is also a series of achievement tests which can be had separately. The list of reference books with specific page references is given for each unit which is a distinct aid to a student who is anxious to get more than one author's point of view or explanation on the particular subject being studied.

MELVIN A. HINTZ.

## RECENT GOVERNMENT BULLETINS

(Note: A weekly list of selected government publications will be sent free on request made to the Superintendent of Documents, Government Printing Office, Washington, D. C.)

"Officials and organizations concerned with wildlife protection." 1940. 17 pp. (Fish and Wildlife Service, Wildlife Circular 10.) 5¢.

"Propagation and distribution of food fishes, fiscal year, 1939." 1940. 44. pp (Commerce Dept., Bureau of Fisheries.) 10¢.

"Disease-resistant varieties of vegetables for the home garden." 1940. 8 pp. (Agriculture Dept., Leaflet 203.) 5¢. Vegetables mentioned are asparagus, beans, cabbage, celery, cucumber, lettuce, muskmelon, potato, pumpkin, spinach, sweet corn, squash, and tomato.

"Culture of Orchids" 1941. 8 pp. il. (Agriculture Dept., Leaflet 206.) 5¢. Gives information relating to propagation, kinds to grow, greenhouse culture, house culture, and disease and insect pests.