

cipline, in this case, geology, and this will make it also useful as a reference for possible project ideas. The small size makes it also a useful field guide.

P. K.

**FOSSILS: PREHISTORIC ANIMALS IN HOOSIER ROCKS**, T. G. Perry, 83 pp., \$4.00, Indiana Department of Conservation, Geological Survey, Bloomington, Indiana, 1959.

Another useful publication for the biology and earth science teacher. There are detailed instructions on fossil collecting, description of fossils in terms of their geological history, location sites in Indiana, and a useful glossary of terms. The illustrations are carefully done. Indiana and its teachers, with its excellent collecting sites, can be proud of this useful pamphlet. Useful also for classroom use, especially on a field trip.

P. K.

**TEXAS FOSSILS: AN AMATEUR COLLECTOR'S HANDBOOK**, William H. Matthews, III, 123 pp., \$1.00, Bureau of Economic Geology, The University of Texas, Austin 12, Texas, 1960.

**TEXAS FOSSILS** is a very concise, comprehensive, highly organized, and fully illustrated presentation of fossils and their role in geologic history. Although this work uses Texas localities and specimens for examples, the contents will be of interest to biology teachers and students worldwide. A definition of "fossil" is given, and activities in the various fields of paleontology are described. Methods and kinds of fossil preservation are thoroughly discussed. Included are sections on the collecting, cleaning, preparing, naming, and identification of fossils. An identification key and a graphic presentation of symmetry types will aid the student in naming unknown specimens. A brief summary of geologic history is provided.

A major portion of the booklet is devoted to the "Main Types of Fossils (p. 44-107)." This section is illustrated with a large number of excellent drawings (39 full-page plates and 18 figures). Plants, invertebrates, and vertebrates are described. The inclusion of plant (p. 44-48, plates 12 and 13) and vertebrate (p. 86-107, plates 37-49) fossil descriptions helps create a proper perspective of the fossil record for the reader. "Books about Fossils" facilitates the search for more detailed paleontological information and the "Glossary" presents clear-cut definitions for most of the

unfamiliar morphological and descriptive terms used in the text. **TEXAS FOSSILS** will encourage the interested student to attempt fossil identifications for himself and will stimulate interest in further study of both past and present life.

Donald H. Lokke  
*Fort Worth, Texas*

## Health and Physical Education

**SCHOOL HEALTH AND HEALTH EDUCATION**, C. E. Turner, C. Morley Sellery, and Sara Louise Simth, 481 pp., \$5.00, The C. V. Mosby Co., St. Louis, Missouri, 1961.

An excellent text for college students preparing for any teaching position is one concerned with the over-all school health program and its individual parts. This one should be in the teachers' library of all local school systems. School health committees could profitably use the book as a guide for an in-service program with valuable information for the entire staff, from the superintendent down to the part-time custodial force.

The presentation is directed at developing proper attitudes relative to the total school health program and makes health the problem of everyone. Emphasis is given to the need of cooperation on the part of the entire staff along with those outside agencies willing to work with the school and the parents. Professional school health services are set up as preventive, or protective, advisory, and educational. They do not recommend that they take over the responsibility of the family for medical care.

A good section is given for evaluation of the entire health program including a bibliography of additional guides. The appendix gives specific health education objectives.

Virgil Heniser  
*Howe High School  
Indianapolis, Indiana*

**FOUNDATIONS OF PHYSICAL EDUCATION**, Charles A. Bucher, 501 pp., \$6.00, C. V. Mosby Co., St. Louis, Missouri, 1960.

The third edition of this book has been revised and re-organized in an effort to incorporate the most recent thinking in health, physical education, and recreation. The author has retained his primary goal of providing the reader with information on the nature, scope, and interrelationships of the three fields.

The book is divided into eight basic parts dealing with such aspects as scientific foundations, terminology, philosophy, and objectives. One chapter is devoted to professional