

# • First Glances at New Books

## Mineralogy

**GEMS AND GEM MATERIALS**—Edward Henry Kraus and Chester Baker Slawson—*McGraw-Hill*, 287 p., illus., \$3.50. Where gems are found, what they are, how they are cut and polished, and a great deal of other information on this ever-fascinating subject. There are four colored plates.

*Science News Letter, June 17, 1939*

## Ethnology

**THE SHEPHERD OF ALL: THE TWENTY-THIRD PSALM**—Interpretations by George M. Lamsa—*A. J. Holman Co.*, 86 p., 50c. See SNL May 27.

*Science News Letter, June 17, 1939*

## Engineering

**HEATING, VENTILATING, AIR CONDITIONING GUIDE**, 1939, Vol. 17.—*American Society of Heating and Ventilating Engineers*—1248 p., \$5, thumb indexed copy \$5.50. The newest technical information in an important industrial field.

*Science News Letter, June 17, 1939*

## Plant Physiology

**PROTEIN METABOLISM IN THE PLANT**—Albert Charles Chibnall—*Yale Univ. Press*, 306 p., \$4. This book appeals to a limited audience—chemical plant physiologists—but its appeal to that audience is exceedingly strong, especially since nothing of the kind has hitherto been available in single-volume form.

*Science News Letter, June 17, 1939*

## Physics

**INTRODUCTORY COLLEGE PHYSICS**—Oswald Blackwood—*Wiley*, 487 p., \$3.50. A text from the University of Pittsburgh for the general student with little previous scientific training. Familiar examples of the application of physics in the modern world keep the subject vivid.

*Science News Letter, June 17, 1939*

## Wildlife

**FOOD OF GAME DUCKS IN THE UNITED STATES AND CANADA**—A. C. Martin and F. M. Uhler—*Gov't. Print. Off.*, 156 p., 40 c.; **FOOD HABITS OF NORTH AMERICAN DIVING DUCKS**—Clarence Cottam—*Gov't. Print. Off.*, 140 p., 30 c. See page 383.

*Science News Letter, June 17, 1939*

## Conservation

**CONSERVATION IN THE UNITED STATES**—A. F. Gustafson, H. Ries, C. H. Guise and W. J. Hamilton, Jr.—*Comstock*, 445 p., \$3. Excellent either as a text for college classes or for a convenient reference, this book offers its information in four

main sections: soil and water; forests, parks and grazing lands; wildlife; minerals. The authors are members of the faculty at Cornell University, long a stronghold of the conservation movement.

*Science News Letter, June 17, 1939*

## Anatomy

**TEXTBOOK OF NEURO-ANATOMY AND THE SENSE ORGANS**—O. Larsell—*Appleton-Century*, 343 p., \$6. A text for first year medical students written by the professor of anatomy at the University of Oregon Medical School.

*Science News Letter, June 17, 1939*

## Radio

**LOCAL BROADCASTS TO SCHOOLS**—Irvin Stewart, ed.—*Univ. of Chicago Press*, 239 p., \$2. A study of practices and methods in six American cities which have used radio in their schools. This is a project of the Committee on Scientific Aids to Learning.

*Science News Letter, June 17, 1939*

## Entomology

**RÉSULTATS SCIENTIFIQUES DU VOYAGE AUX INDES ORIENTALES NÉERLANDAISES DE LL.AA.RR. LE PRINCE ET LA PRINCESS LÉOPOLD DE BELGIQUE. Vol. III, Fasc. 19: Araneae**—C. Fr. Roewer—*Musée Royal d'Histoire Naturelle de Belgique*.

*Science News Letter, June 17, 1939*

## Hobbies

**SILK SCREEN STENCIL CRAFT AS A HOBBY**—J. I. Biegeleisen—*Harper*, 139 p., \$2. An interesting and fairly simple method of making your own greeting cards, or decorating almost anything. A stencil of the design is drawn on a silk or organdy "screen", which is stretched on a wooden frame. Colors are then forced through the stencil onto the article to be decorated.

*Science News Letter, June 17, 1939*

## Biology

**EVOLUTION: Essays on Aspects of Evolutionary Biology** Presented to E. S. Goodrich—G. R. de Beer, ed.—*Oxford*, \$5. A *Festschrift* volume presented by colleagues to Prof. E. S. Goodrich of Oxford University on the occasion of his seventieth birthday. Some highly stimulative and informative material is to be found in its pages.

*Science News Letter, June 17, 1939*

## Botany

**PLANT BIOLOGY**—H. Godwin—*Cambridge (Macmillan)*, 308 p., \$2.25. A British textbook, in which the functional point of view is given the lead.

*Science News Letter, June 17, 1939*

## Botany

**SOME EDIBLE MUSHROOMS**—Nina Lane Faubion—*Binfords & Mort*, 127 p., illus., \$1.35. A handy, pocket-sized book, giving essential information about the commoner mushrooms in plain English, with line drawings, and in the back, some directions for cooking.

*Science News Letter, June 17, 1939*

## General Science

**THE SOCIAL FUNCTION OF SCIENCE**—J. D. Bernal—*Macmillan*, 482 p., \$3.50. See page 376.

*Science News Letter, June 17, 1939*

## General Science

**THE CHILD'S STORY OF SCIENCE**—Ramon Peyton Coffman—*Putnam*, 246 p., \$2.50. "Uncle Ray" tells in simple (but not over-simple) language the story of all the sciences, from astronomy and the origin of the earth to the intimate things of here and now. The illustrations are all well-executed line drawings.

*Science News Letter, June 17, 1939*

## Embryology

**FORM AND CAUSALITY IN EARLY DEVELOPMENT**—A. M. Dalcq—*Cambridge (Macmillan)*, 197 p., \$3.50. Recent results of experimental embryology, sometimes illuminating, sometimes baffling, are the subject of this book. A masterly job has been done in digesting the enormous mass of published material and presenting the most significant ideas in such brief form.

*Science News Letter, June 17, 1939*

## Physiology

**L'ACTIVITÉ ÉLECTRIQUE DE L'ÉCORCE CÉRÉBRALE**—Frédéric Bremer—*Hermann et Cie*, 46 p., 15 fr.

*Science News Letter, June 17, 1939*

## Engineering

**HIGHWAY RESEARCH BOARD, Proceedings of the Eighteenth Annual Meeting**—Roy W. Crum, ed.—*National Research Council*, 405 p., \$2.25.

*Science News Letter, June 17, 1939*

## Botany—Zoology

**A NEW PALM FROM COCOS ISLAND COLLECTED ON THE PRESIDENTIAL CRUISE OF 1938**—O. F. Cook, 26 p., 26 pl., 40 c.; **FLOWERING PLANTS COLLECTED ON THE PRESIDENTIAL CRUISE OF 1938**—Ellsworth P. Killip, 4 p., 5 c.; **ECHINODERMS (OTHER THAN HOLOTHURIANS) COLLECTED ON THE PRESIDENTIAL CRUISE OF 1938**—Austin H. Clark, 18 p., 5 pl., 15 c.; **TWO NEW GOBIOID FISHES COLLECTED ON THE PRESIDENTIAL CRUISE OF 1938**—Isaac Ginsburg, 5 p., 5 c.—*Smithsonian Institution*. See p. 373.

*Science News Letter, June 17, 1939*