

BIOLOGICAL ABSTRACTS

Now published in FIVE MONTHLY SECTIONS
in addition to the present complete form

One or more of these sections should appeal to every teacher working in Biology. ABSTRACTS OF GENERAL BIOLOGY will include General Biology, Biography-History, Bibliography, Evolution, Cytology, Genetics, Biometry and Ecology. Priced at \$4. (\$4.50 Foreign.)

ABSTRACTS OF EXPERIMENTAL ANIMAL BIOLOGY will include Animal Physiology, Nutrition, Pharmacology, Pathology, Anatomy, Embryology, Animal Production and Ecology. Priced at \$9. (\$4.50 Foreign.)

ABSTRACTS OF MICROBIOLOGY AND PARASITOLOGY will include Immunology, Bacteriology, Viruses, Parasitology, Protozoology and Helminthology. Priced at \$5. (\$5.50 Foreign.)

ABSTRACTS OF PLANT SCIENCES will include Phytopathology, Plant Physiology, Plant Anatomy, Paleobotany, Systematic Botany, Agronomy, Horticulture, Forestry, Pharmacognosy, Pharmaceutical Botany and Ecology. Priced at \$6. (\$6.50 Foreign.)

ABSTRACTS OF ANIMAL SCIENCES will include Paleozoology and Helminthology, Systematic Zoology, Economic Entomology and Ecology. Priced at \$6. (\$6.50 Foreign.)

Subscribers to one or more of these sections will receive the Indexes to the whole of BIOLOGICAL ABSTRACTS. (Foreign subscribers add 50 cents per section for postage.)

Send your order now!

BIOLOGICAL ABSTRACTS, University of Pennsylvania, Philadelphia, Pa.

dam, were the founders of the micro-anatomy of plants and animals.

RALPH C. BENEDICT,
Brooklyn College

FASTEN, NATHAN. *Principles of Genetics and Eugenics*. New York: Ginn and Company. 1936. 391 pp.

This text was prepared by Nathan Fasten, Ph.D., Professor and Head of the Department of Zoology of Oregon State College, for the elementary student in Genetics and Eugenics, who desires brief and accurate information in these studies. It is not necessary to have had an elaborate course in Biology to understand the principles of this book.

Throughout the treatise emphasis is placed on good heredity and good environment as the fundamental bases for the

finest development of any living organism. Heredity alone is not responsible for the problems of society—environment is of great importance. Five billion dollars annually is too much to pay for those who falter in the ranks because of imperfections in heredity and environment. This ever increasing debt can only be lessened through proper education of the public in the working principles of Genetics and Eugenics. The author estimates that there are some eighteen million defectives in the United States. His hope is to increase the normal and gifted, and at the same time decrease the abnormal and deficient population.

Special attention has been devoted to the scope of eugenics, the Mendelian principles of Heredity, Variation, Environment and Applied Eugenics in relation

to the betterment of human society. Dr. Fasten treats his subject matter briefly in a rare and brilliant manner, using some 140 diagrams and photographs to simplify his deductions. No unnecessary technicalities are presented, thus giving the book a very readable style for the average elementary student.

STEPHEN W. ROBERTS

PALMER, RICHARD. *Living Things an Introduction to Biology*. London, England: George Allen & Unwin Ltd., Museum Street. 1937. 400 pp.

"Living Things" is a type of book a professional man likes to keep in his library, not as another reference or textbook (it is both of these) but merely to browse through for a new idea, a different approach or for casual reading. It was written to meet the requirements of "certain examination syllabuses including the Matriculation Examinations of the English Universities and the Central Welsh Board." Due to its Continental makeup I would not consider it as a competitor of American biology textbooks at the Secondary level.

Its approach is acceptable. Starting with man the known it proceeds to the theoretical and the speculative aspects of biology. The first of the two main divisions is titled "How Living Things Work." Dealing with stereotyped material ordinarily contained in textbooks, however, the treatment is interestingly different. Part two deals with "The Diversity of Living Things" in which Dr. Palmer explains the groups of plants and animals. In this connection an interesting sidelight is revealed in the appendix—Outline Classification of Living Things. This contains four kingdoms of living things—the Filter Passing Viruses, Bacteria, Plants, and Animals. Certain contemporary American authorities would not agree with the first or even the second classification division. This new view makes the book distinctive and is

Biology Teaching Aids

Thirty-one Instructional Sound Film
Subjects Produced in Collaboration with
Leading Subject Matter Specialists Now Ready

PLANT LIFE SERIES

Plant Growth, Roots of Plants, Leaves, Flowers at Work, Seed Dispersal, Fungus Plants, The Dodder, Plant Traps.

ANIMAL LIFE SERIES

The Frog, How Nature Protects Animals, Beach and Sea Animals, Tiny Water Animals, Butterflies, Moths, Beetles, Pond Insects, Aphids, The House-Fly, Spiders, Birds of Prey, Thrushes and Relatives, Animal Life, Reactions in Plants and Animals.

PHYSIOLOGY SERIES

Mechanisms of Breathing, The Heart and Circulation, Body Defenses Against Disease, The Nervous System, Reproduction Among Mammals, Digestion of Foods, The Alimentary Tract, Heredity.

Others are to be Prepared

Write for Descriptive Literature

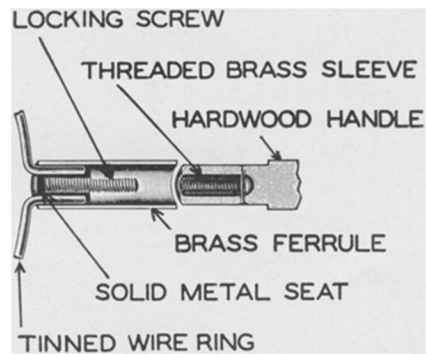
ERPI CLASSROOM FILMS INC.

35-11 Thirty-Fifth Ave.

Long Island City, N. Y.



PRECISION CONSTRUCTION



The above diagram shows the "business end" (locking device) used in the Turtox Dollar Net.

This is one of the reasons why hundreds of these nets are sold every year for student use. (No. 105A10 Each \$1.25 in single lots; \$1.00 each in lots of 12 or more.)

GENERAL BIOLOGICAL SUPPLY HOUSE
Incorporated
761-763 EAST SIXTY-NINTH PLACE
CHICAGO