JOHNS HOPKINS UNIVERSITY
SCHOOL OF MEDICINE
The School of Medicine is an Integral Part of the University and is in the Closest Affiliation with the Johns Hopkins Hospital.

ADMISSION
Candidates for admission must be graduates of approved colleges or scientific schools with two years' instruction, including laboratory work, in chemistry, and one year each in physics and biology, together with evidence of a reading knowledge of French and German.

Each class is limited to a maximum of 75 students, men and women being admitted on the same terms. Applications may be sent at any time during the academic year but not later than June 15th.

If vacancies occur, students from other institutions desiring advanced standing may be admitted to the second or third year provided they fulfill the requirements and present exceptional qualifications.

INSTRUCTION
The academic year begins the Tuesday nearest October 1, and closes the second Tuesday in June. The course of instruction occupies four years and special emphasis is laid upon practical work in the laboratories, in the wards of the Hospital and in the dispensary.

TUITION
The charge for tuition for 1929-30 will be $600 per annum, payable in two installments. There are no extra fees except for certain expensive supplies, and laboratory breakage.

Inquiries should be addressed to the Executive Secretary of the School of Medicine, Johns Hopkins University, Washington and Monument Sts., Baltimore, Md.

Graduates in Medicine who satisfy the requirements of the heads of the departments in which they desire to work are accepted as students for a period not less than three quarters. Tuition charge is $50 a quarter.
Published on May 21st.

OUTLINES OF GENERAL ZOOLOGY

Revised Edition

by H. H. NEWMAN

In this revision of his well-known textbook the author has made no changes in general method. He has maintained the judicious blending of the principles method and the type method of presentation which has proved so successful in the original edition. Several other important changes have been made, however. The text matter has been brought thoroughly up to date, and sufficient new material has been added to render the book thoroughly adequate for the needs of a two-semester course. Several new types have been introduced; namely, the sponges, the clam, the parasitic round worms of man, and the grasshopper. Extensive additions have been made to the chapters on the earthworm and frog. The book has been enriched with about thirty new cuts.

The chapters on the MORPHOLOGY AND PHYSIOLOGY OF THE CELL have been completely rewritten, and the chapter on the ANIMAL KINGDOM has been enlarged. A more definite physiological emphasis is apparent than in the original edition.

A very important feature of the revision is the complete reorganization of Part IV, formerly entitled GENERAL PRINCIPLES OF ZOOLOGY. This section of the book has now been rearranged and extensively rewritten under the general title of DYNAMIC ASPECTS OF ZOOLOGY. Certain chapters which did not fit into the new scheme were omitted and three new Chapters which deal with the biological mechanisms and sense organs have been added to this section.

Crown, 8vo, Cloth, 541 pages

By the same author:

LABORATORY GUIDE AND REVIEW MANUAL

This new manual has been prepared in response to a persistent demand on the part of teachers who have been using the GENERAL ZOOLOGY. It is relatively small in size and deals only with types discussed in the text. A feature of the book is a series of review questions at the end of each laboratory exercise which cover all the more important points in both text and manual and serve to focus the knowledge of the student.

Crown, 8vo, Cloth, 87 pages

THE MACMILLAN COMPANY

50 Fifth Ave.

New York
Recent
McGraw-Hill
Biological Books

Wardle—Problems of Applied Entomology
By ROBERT A. WARDLE, Professor of Zoology, University of Manitoba, formerly
Associate Professor of Entomology, University of Minnesota and Lecturer in Eco-
nomic Zoology, University of Manchester.
587 pages, 6 x 9, 31 illustrations. $6.00

Graham—Principles of Forest Entomology
By SAMUEL A. GRAHAM, Associate Professor of Forest Entomology, University
of Michigan; Agent, U. S. Dept. of Agriculture, Bureau of Entomology.
339 pages, 6 x 9, 149 illustrations. $3.50

Weldon—Economic Biology
A Text for Students of Agriculture and General Biology
By GEORGE P. WELDON, Instructor in Biology, Entomology and Pomology,
Chaffey Union High School and Junior College, Ontario, Calif. McGraw-Hill
Vocational Texts.
457 pages, 5½ x 8, 191 illustrations. $2.50

Fred and Waksman—Laboratory Manual of General Microbiology
—with Special Reference to the Microorganisms of the Soil
By EDWIN B. FRED, Professor of Agricultural Bacteriology, University of Wis-
consin, and SELMAN A. WAKSMAN, Associate Professor of Soil Microbiology,
Rutgers University.
145 pages, 5½ x 8, illustrated. $2.00

Metcalf and Flint—Destructive and Useful Insects—Their Habits
and Control
By C. L. METCALF, Professor of Entomology, University of Illinois, and W. P.
FLINT, Chief Entomologist, Illinois State Natural History Survey. McGraw-
Hill Publications in the Zoological Sciences.
918 pages, 6 x 9, 56x illustrations. $7.50

Send for these new books on approval

McGRAW-HILL BOOK COMPANY, Inc.
Penn Terminal Building
New York