

Marine Biological Laboratory Woods Hole, Mass. Biological Material



1. ZOOLOGY. Preserved material of all types of animals for class work and for the museum.
2. EMBRYOLOGY. Stages of some invertebrates, fishes (including Acanthias, Amia and Lepidosteus), Amphibia, Reptiles and some mammals.
3. BOTANY. Preserved material of Algae, Fungi, Liverworts, Mosses, Ferns and Seed Plants.
4. MICROSCOPE SLIDES in Bacteriology, Botany and Zoology.
5. LIFE HISTORIES, Germination Studies and Natural History Groups.

Catalogues furnished on application to

GEORGE M. GRAY, Curator
WOODS HOLE MASSACHUSETTS

FORMER Professor of Petrograd Agricultural College, biologist, desires to obtain a position with a University, Biological Station or Museum of Natural History. Address "K," care of Science, 3941 Grand Central Terminal, New York, N. Y.

Publications of The Philippine Bureau of Science

AMPHIBIANS AND TURTLES OF THE PHILIPPINE ISLANDS. By E. H. Taylor. 193 pages, 17 plates, and 9 text figures; postpaid, \$1.00.

THE SNAKES OF THE PHILIPPINE ISLANDS. By E. H. Taylor. 316 pages, 37 plates, and 32 text figures; postpaid, \$2.50.

THE LIZARDS OF THE PHILIPPINE ISLANDS. By E. H. Taylor. 272 pages, 23 plates, and 53 text figures; postpaid, \$2.50. In press.

VEGETATION OF PHILIPPINE MOUNTAINS. By W. H. Brown. 434 pages, 41 plates, and 30 text figures; postpaid, \$2.50.

INDEX TO THE GENERA OF BIRDS. By R. C. McGregor. 185 pages; postpaid, \$1.00.

SPECIES BLANCOANAE. By E. D. Merrill. 424 pages; postpaid, \$2.25.

AN INTERPRETATION OF RUMPHIUS'S HERBARIUM AMBOINENSE. By E. D. Merrill. 596 pages, 2 maps; postpaid, \$3.00.

THE PHILIPPINE JOURNAL OF SCIENCE, a monthly (no longer issued in sections), per year, \$5.00.

A list of the publications of the Philippine Bureau of Science and a sample copy of the Philippine Journal of Science will be sent upon request.

Subscriptions and orders for publication should be sent to

THE BUSINESS MANAGER
Philippine Journal of Science

Bureau of Science,

Manila, P. I.

THE UNIVERSITY OF ADELAIDE

MARKS LECTURESHIP IN APPLIED PHYSIOLOGY AND SHERIDAN FELLOWSHIP

Applications are invited from graduates in Medicine for the above position.

Applicants are requested to submit testimonials, statement of academic qualifications, published researches, and a recent photograph to the Department of Physiology, University of Toronto. The envelope containing the application should be marked—"Application for Marks Lectureship." Applications will not be received later than 31st January, 1925.

The Lecturer will carry out his work under the general direction of the Professor of Physiology and Biochemistry. He will be required to lecture and conduct practical classes and demonstrations in Mammalian Physiology and in its applications to clinical Medicine, during two terms of approximately ten weeks each. This course will form part of the third year of the Medical curriculum. During the remainder of the academic year the incumbent will conduct research in Physiology and may from time to time be required to furnish a report on this research to the Council of the University.

The salary will be £750 per annum. If the successful candidate is appointed from beyond the Commonwealth of Australia the sum of £100 will be paid towards travelling expenses. The appointment will be for a fixed term of 5 years and will continue thereafter from year to year subject to six calendar months' notice in writing on either side, given on or before 30th June.

The gentleman appointed will be expected to take up his duties in Adelaide at the beginning of the second term, namely, the 1st of June. He will not be allowed to engage in private medical or surgical practice.

Further information may be obtained from—

THE DEPARTMENT OF PHYSIOLOGY,
University of Toronto, Canada.

GEOLOGIST

wants position after the holidays.

Address "F," care of Science, 3941 Grand Central Terminal, New York, N. Y.

TEACHERS WANTED

The Interstate Teachers' Agency, Macheca Building, New Orleans, La., needs teachers for all departments of Science. Engagements made now. No registration fee.

THOMAS MADE-TO-ORDER CHARTS

Charts made to your own selection and arrangement of figures.

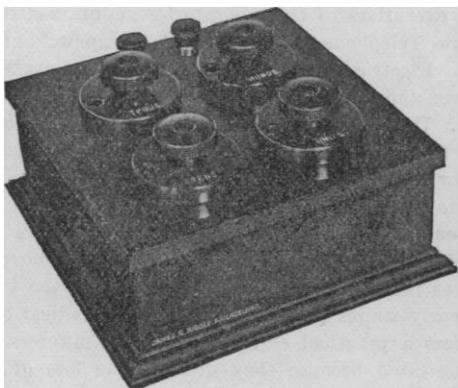
Prices reasonable Work guaranteed

T. W. THOMAS

Care Spear Laboratory

Oberlin, Ohio

FOR SALE: Large, new Zeiss Microscope with all Accessories; two large Cabinets, white enameled, with glass sides and doors; Instrument Table with glass top; two white enameled Washstands and Pails. For particulars address: Professor L. Koeppe, 194 Brunswick Street, Rochester, New York.




DIAL PATTERN RESISTANCE BOXES AND WHEATSTONE BRIDGES

The only numbers visible on these instruments are those which indicate the exact readings of the dials. Each dial has nine coils of like value adjusted to within 1/10 of 1 per cent. Only the best materials are used in the construction and each instrument receives that personal attention which is the true mark of quality.

Write for Bulletin S-1000

JAMES G. BIDDLE

Scientific Instruments
1211-13 ARCH STREET, PHILADELPHIA



REG. U.S. PAT. OFF.


R.I.W.

**HOSPITAL AND
LABORATORY ENAMEL**

Where acid fumes play havoc with your walls and ceilings, "R.I.W." Hospital and Laboratory Enamel will stand guard as a preserver through the years.

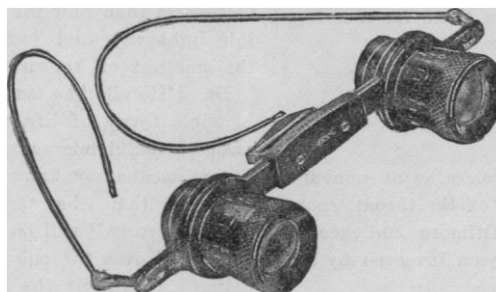
There's a scientific "R.I.W." Product for each purpose of surface protection.

Write to Dept. S for information



Technical and Scientific Paint and Varnish Makers since 1848
110 East 42nd Street, New York
Opposite the Grand Central Terminal
Works: Long Island City, N. Y.

NEW BUSCH OPERASCOPE



The Operascope enables one to see demonstrations as clearly as if sitting near the lecture table and is especially desirable for class room lectures and other similar uses because it is worn like spectacles, leaving the hands free for note book work.

Each eyepiece has individual focusing and the adjustment for pupillary distance is from 58 to 70 mm. The field of view at 100 feet is 24.

In effect it is an excellent opera glass.

Write for complete description.

PALO COMPANY

APPARATUS FOR INDUSTRIAL AND LABORATORY USE

153 WEST 23RD STREET

NEW YORK, N. Y.

LEITZ



Compound Pocket Microscope "Minor"

Patented.

Characteristic Features:

1. Size of pocket case: 5 1/8 x 1 5/8 x 2 in.
2. Smallest compound microscope made.
3. Weight without case: 12 oz.
4. Weight with case: 14 oz.
5. Magnifications: 7 to 250X.
6. Large field of view.
7. Optics are of "Leitz" Quality.
8. Mechanical workmanship is of "Leitz" Standard.

This microscope is universally adapted for nature studies and recommended for the examination of a great variety of objects, requiring a wide range of magnification. It is especially desirable for field work in botany, entomology, mineralogy, geology and at the same time most serviceable to chemists, industrial laboratories, college and high school students. The magnifications are fully adequate for certain clinical examinations, including blood counting and due to its extreme portability it is ideal for bedside use by physicians.

Price: \$45.00

Discount to Educational Institutions
and Hospitals

Write for Pamphlet No. 0-1056.

60 East  10th Street

General Distributing Agents for Canada:

THE J. F. HARTZ CO., Ltd., Toronto, Canada.

Agents for Western States—California, Washington,
Oregon, Idaho, Utah, Montana and Arizona:

SPINDLER AND SAUPPE,
36 Third Street, San Francisco, Cal.



American Professions Supply Co.

(Incorporated)

Repairing and Rebuilding

**Microscopes, Balances, Surveying
Instruments**

and other Scientific Apparatus

for one half the

STATE UNIVERSITIES, Medical and other Schools
east of the Mississippi River.

WHY ?

Due to a method of effecting a 25% SAVING
HIGH QUALITY, QUICK SERVICE

And the Elimination of the Nuisance of Boxing or Crating
by the use of Specially Designed Shipping Cases, furnished
on Request, Free of Charge. References submitted if desired.

New and Used Instruments Bought and Sold

1428 N. Wells St.

Chicago, Illinois

WATCH FOR OUR BULLETINS!

Three New Catalogs of Turtox Products

1924-25 Biological Red Book

Preserved Materials for Botany, Zoology
and Embryology
Many illustrations

Microscope Slide Catalog

Lists over 1,000 different preparations
Illustrated by 100 reproductions of original
photomicrographs

Jewell Model Catalog

Models for Botany, Zoology and Embryology
Some of the illustrations are in color



The Sign of the Turtox Pledges Absolute Satisfaction

GENERAL BIOLOGICAL SUPPLY HOUSE,
1177-79 East 55th Street Chicago, Ill.