

# Marine Biological Laboratory

Woods Hole, Mass.

## INVESTIGATION

Entire Year

Facilities for research in Zoology, Embryology, Physiology, and Botany. Eighty-four private laboratories \$100 each for not over three months. Thirty tables are available for beginners in research who desire to work under the direction of members of the staff. The fee for such a table is \$50.00.

## INSTRUCTION

July 2 to August  
12, 1924

Courses of laboratory instruction with lectures are offered in Invertebrate Zoology, Protozoology, Embryology, Physiology and Morphology and Taxonomy of the Algae. Each course requires the full time of the student. Fee, \$75.00.

## SUPPLY DEPARTMENT

Open the Entire  
Year

Animals and plants, preserved, living, and in embryonic stages. Preserved material of all types of animals and of Algae, Fungi, Liverworts and Mosses furnished for classwork, or for the museum. Living material furnished in season as ordered. Microscopic slides in Zoology, Botany, Histology, Bacteriology. Catalogues of Zoological and Botanical material and Microscopic Slides sent on application. State which is desired. For catalogues and all information regarding material, address:

**GEO. M. GRAY,**

Curator, Woods Hole, Mass.

The annual announcement will be sent on application to The Director, Marine Biological Laboratory, Woods Hole, Mass.



## LANGMUIR

Mercury Condensation  
High Vacuum Pump.

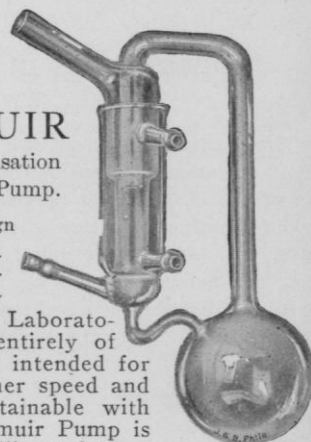
Glass Design

This pump is specially designed for College, University and Experimental Laboratories. It is made entirely of Pyrex glass and is intended for use where the higher speed and greater volume obtainable with the all-metal Langmuir Pump is not needed. It will produce a vacuum of .000002 mm. of mercury quite readily, at a speed of 500 to 600 c.c. per second. Some form of backing pump must be used, and for this purpose a vacuum of 0.1 mm. or lower is recommended. A special mercury heater is available.

Bulletin 1035-S gives particulars and prices. Write for Copy

**JAMES G. BIDDLE**

SCIENTIFIC INSTRUMENTS  
1211-13 ARCH STREET, PHILADELPHIA



Made under license agreement with the General Electric Company

## REACTIONS OF SOILS

May be quickly and accurately determined through the use of the

"LAMOTTE"

### INDICATOR FIELD SET

Complete with instructions. \$4.25 (delivered)  
H-ion concentration of water and solutions quickly and easily determined by the

"LAMOTTE"

### H-ION COMPARATOR SET

Complete and ready for use. \$9.10 (delivered)

SEND FOR LITERATURE

LaMotte Chemical Products Co.

Baltimore, Md.

U. S. A.

## Scientific Instrument Repairing

Microscopes, Balances, Galvanometers, Spectrometers, Sextants, Stereoscopic Instruments, Projectors.

Optical Instruments and Machines.

Special Instruments made to order.

Three years in this location. References furnished upon request. My prices are reasonable.

**JAY C. RHODES**

4263 8th Avenue, N.E.

Seattle, Wash.

## Vitreosil Equipment for Physical Research

Offers

Lowest Thermal Expansion  
High Thermal Conductivity  
High Electrical Resistance  
High Compressive Strength  
Translucency to Ultra-Violet Light  
Insolubility in Water  
Indifference to Chemical Agents  
Constancy of Weight and Volume

Send for Literature

*Special Apparatus to Order*

*The THERMAL SYNDICATE Ltd.*

62 Schenectady  
Avenue,

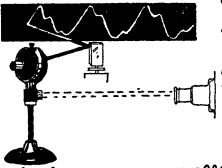


Brooklyn, N. Y.

**TEACHING** position open in an Eastern University to a man trained in Physiology. Ample time and facilities for research. Rank and salary to depend on qualifications. Maximum salary at start, \$2,500. Write P2, care of Science, Grand Central Terminal, New York City.

**GEOLOGIST-PALAEONTOLOGIST**, age 42, a specialist for fifteen years, and philosophically inclined, believes the time has come when he can serve Science best by teaching. Inexperienced in university work, he desires the privilege of an interview and will ask only for temporary appointment as research lecturer in general or stratigraphic geology, or paleontology; leaving further employment and professorial status for the future to decide. Address: Geologist, care "Science," Grand Central Terminal, New York.

**PHONESCOPE**  
TEACHES THROUGH THE  
*The Movies for all*  
SOUND  
**WAVE MOTION**  
ELECTRICITY  
HERBERT GROVE DORSEY, GLOUCESTER, MASSACHUSETTS



**MIRRORS FROM 5 TO 40 CM. FOR CASSE-  
GRAIN & NEWTONIAN TELESCOPES**

MADE TO ORDER

Achromatic Objectives, 5 to 25 cm. Prisms.  
Spherometers of Precision.

**N. CARREAU, OPTICIAN,**  
226 Butts Bldg., Wichita, Kansas.

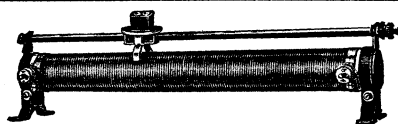
## ELECTRICAL MEASURING INSTRUMENTS

**FOR PHYSICISTS AND  
PHYSICAL CHEMISTS**

EQUIPMENTS SUITABLE FOR RESEARCH  
AND INDUSTRIAL LABORATORIES

*We Solicit Inquiries*

**LEEDS & NORTHRUP CO.**  
4901 STENTON AVENUE PHILADELPHIA



## JAGABI RHEOSTATS

are wound on enameled tubes, as illustrated above. By means of sliding-contacts the resistance can be varied from zero to full capacity, in exceedingly small steps.

In resistance ratings, JAGABI Rheostats vary from 0.34 ohm up to 30,000 ohms, and in corresponding current values from 25 amperes down to .1 ampere.

Especially suited for use in Educational, Research and Industrial Laboratories. Write for Bulletin S-1040  
**JAMES G. BIDDLE, 1211-13 ARCH ST., PHILADELPHIA**

Third Edition

# AMERICAN MEN OF SCIENCE

A BIOGRAPHICAL DIRECTORY

EDITED BY J. McKEEN CATTELL AND DEAN R. BRIMHALL

The third edition of the Directory contains about 9,600 sketches as compared with 4,000 in the first edition and 5,500 in the second edition. The work should be in the hands of all those who are directly or indirectly interested in scientific work.

(1) Men of science will find it indispensable. It gives not only the names, addresses, scientific records and the like of their fellow workers, but also an invaluable summary of the research work of the country, completed and in progress.

(2) Those interested in science, even though they may not be professionally engaged in research work, will find much of interest and value to them in the book.

(3) Executives in institutions of learning and others brought into relations with scientific men will use the book constantly.

(4) Editors of newspapers and periodicals will find it to be one of the works of reference that they will need most frequently.

(5) Libraries will find the book to be a necessary addition to their reference shelves.

Price, Ten Dollars, Net, Postage Paid

## THE SCIENCE PRESS

Grand Central Terminal, New York, N. Y.