# SPECIAL ISSUE CONTAINING THE REPORTS OF THE KANSAS CITY MEETING OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE AND ASSOCIATED SOCIETIES. EDITED BY BURTON E.

LIVINGSTON, PERMANENT SECRETARY.

# SCIENCE

Vol. LXIII

JANUARY 29, 1926

No. 1622

#### CONTENTS

# THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

The First Kansas City Meeting, December 28, 1925, to January 2, 1926

The Permanent Secretary's Report on the Kansas	
City Meeting	99
General Officers for the Kansas City Meeting	108
The Council Roll	109
The Roll of the Executive Committee	111
Legislative and Executive Proceedings	112
Resolutions on General Welfare	114
Financial Reports	115
Progress Report of the Committee on Philological Sciences	
Progress Report of the Committee on the Place of	
the Sciences in Education	
Officers Elected	119
The President-Elect: A Biographical Note	120
The Kansas City Sessions of Sections and Societies	122
Organization and Work of the American Associa-	
tion	143
Officers for 1926	143
Future Annual Meetings	145
Special Notes to Members, Prospective Members and	
Donors	
Science News	XXX

SCIENCE: A Weekly Journal devoted to the Advancement of Science, edited by J. McKeen Cattell and published every Friday by

#### THE SCIENCE PRESS

Lancaster, Pa.

Garrison, N. Y.

New York City: Grand Central Terminal.

Annual Subscription, \$6.00. Single Copies, 15 Cts.

SCIENCE is the official organ of the American Association for the Advancement of Science. Information regarding membership in the association may be secured from the office of the permanent secretary, in the Smithsonian Institution Building, Washington, D. C.

Entered as second-class matter July 18, 1923, at the Post Office at Lancaster, Pa., under the Act of March 8, 1879.

## THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE THE PERMANENT SECRETARY'S REPORT ON THE KANSAS CITY MEETING

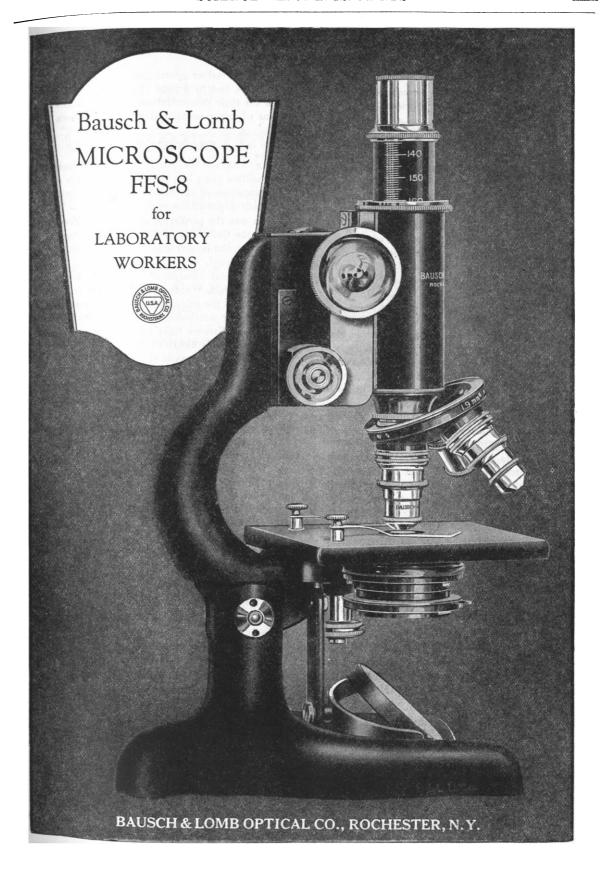
GENERAL FEATURES

The eighty-second meeting of the American Association for the Advancement of Science began Monday evening, December 28, 1925, and came to an end on Saturday, January 2, 1926. For the first time in its history, the association and a number of the associated societies met in Kansas City, Missouri. This was the annual meeting for the association year 1925–26.

The Kansas City meeting was peculiarly a hotel convention, with almost all the sessions in hotel rooms. Owing to the exceptionally convenient location of a number of large hotels in Kansas City, and also to the excellent room assignments worked out by the local committee on arrangements, the meeting was less scattered than is often the case when university buildings are used for such meetings. Most of the sessions were held within a very few blocks of the headquarters hotel. Many who were present at the meeting were able to attend the sessions in which they were interested without leaving the building in which they had their lodgings; hats and overcoats were but infrequently needed.

Meteorologically the Kansas City meeting was unusually fortunate. Until Saturday, the closing day, the skies were generally fair. The meeting period began with stimulating low temperatures and each day was warmer than the preceding. Those who remained latest experienced warm, cloudy and rainy weather on Saturday.

As has been said, this was the first time the association has met in Kansas City. The city is centrally located, being called by its citizens the "Heart of America." Many who had been unable to attend the meetings of recent years were able to be present this year. The citizens of Kansas City were very hospitable and showed great interest in the sessions. The local newspapers were exceptionally helpful and gave much fine publicity to the meeting, both before it opened and during its period. It is certain that the association benefited greatly by visiting Kansas City and it is equally sure that many people of the city and the surrounding region will be helped and stimulated and inspired for a long time to come.



# Yale University

## SCHOOL of MEDICINE

FOUNDED 1812

Affiliated with the New Haven Hospital and New Haven Dispensary

For Information, Address:

The Registrar, Yale University School of Medicine, New Haven, Conn.

# School of Medicine Western Reserve University

Cleveland, Ohio

**NEW LABORATORIES AND HOSPITALS** RESTRICTED CLASSES

THOROUGH INSTRUCTION LARGE CLINICAL FACILITIES HIGH STANDARD OF SCHOLARSHIP

Admission confined to students having academic degrees and to Seniors in Absentia.

For information address:

THE REGISTRAR

2109-15 Adelbert Rd.

**CLEVELAND** 

#### 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 at least 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 any time during the academic year but not later than June 15th.

If vacancies occur, students from other institu-tions 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 especial emphasis is laid upon practical work in the laboratories, in the wards of the Hospital and in the dispensary. dispensary.

TUITION The charge for tuition is \$360 per annum, payable in three installments. There are no extra fees except for certain expensive supplies, and laboratory

breakage.

The annual announcement and application blanks may be obtained by addressing the

Registrar of the School of Medicine, Johns Hopkins
University, Washington and Monument Sts.,
Baltimore, Md.
Owing to an extensive building program about to
be inaugurated at the Hospital and Medical School,
it has been deemed necessary to withdraw, for the
next two years at least, post-graduate instruction
during the year as well as the summer course formerly given during June and July.

# Villeosil

## Has the Smallest Expansion Known

For the construction of delicate scientific instruments requiring material with the smallest possible expansion, vitreosil tubes, plates, rods, etc., will be found invaluable, its linear expansion of .00000054 per degree Centigrade being the smallest known. The following table gives a comparison with other substances:

Material	Linear expansion
	per degree Centigrade
Fused silica	
Nickel steel (36 per cer	it. Ni)0000009
Glass, Jena 59	
Glass, Pyrex 702 EJ	
Berlin Porcelain	
We shall be glad to	assist you in solving

problems where vitreosil may be useful.

THE THERMAL SYNDICATE, Ltd.

62 Schenectady Avenue, BROOKLYN, N. Y.

# School of Medicine and Dentistry THE UNIVERSITY OF ROCHESTER

Medical School, Strong Memorial Hospital and Out-Patient Department of the University of Rochester and the Municipal Hospital of the City of Rochester, all under one roof. Medical, Surgical, Obstetric, Pediatric, Contagious and Neurological patients admitted. Unusual opportunities for school and hospital cooperation in medical and dental teaching.

#### Admission

Medical and dental candidates must have completed three years of college work with special requirements in chemistry, physics and biology. The first class will not exceed 40, men and women being admitted on equal terms. Instruction will begin September 23, 1926.

#### Tuition

Charge for tuition will be \$300 per annum, payable in equal installments at the beginning of each semester.

#### For information address

The Dean—School of Medicine and Dentistry, Elmwood Avenue, Rochester, N. Y.

# 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

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

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

Second Edition: Revised and Enlarged
THE RAT: DATA AND REFERENCE TABLES
Memoir No. 6: 458 Pages. Bibliography: 2206 Titles

HENRY H. DONALDSON
Published by THE WISTAR INSTITUTE
Philadelphia, Pa., U. S. A. Price, \$5.00

# BOSTON UNIVERSITY SCHOOL OF MEDICINE

ORGANIZED IN 1873

#### ANNOUNCEMENT

may be obtained by application to

WESLEY T. Lee, M.D., Registrar

80 East Concord Street,

Boston,

Massachusetts

## COLLEGE OF MEDICINE

**OF** 

## LONG ISLAND COLLEGE HOSPITAL

Founded 1858. Sixty-eighth annual session begins September 27, 1926.

Admission: Not less than two years of college work leading toward a baccalaureate degree, including specified courses.

Facilities: Well-equipped laboratories, with fulltime teachers. Superior clinical advantages in The Long Island College Hospital and five other leading Hospitals in Brooklyn.

For particulars, address

THE DEAN OF THE MEDICAL SCHOOL
350 Henry Street Brooklyn, New York

### THE MICROSCOPE

By SIMON H. GAGE, of Cornell University
Revised Edition (14th) Ready

The Old and the New in Microscopy, with a special chapter on Dark-Field Methods and their Application.

Postnaid. \$3.50

COMSTOCK PUBLISHING CO., ITHACA, N. Y.

## Hy-Speed Filter Tank

Pumps, Mixes and Filters all kinds of liquids.

Of Induces.

Class-Coated Tanks—All sizes and shapes up to 150 gallons. Open or closed; round or square. Made to order. Coated inside and outside.

Write for circular.

Alsop Engineering Co. 47 W. 68rd St., New York