

PROCEEDINGS
OF THE
AMERICAN ACADEMY
OF
ARTS AND SCIENCES.

NEW SERIES.

VOL. IV.

WHOLE SERIES.

VOL. XII.

FROM MAY, 1876, TO MAY, 1877.

SELECTED FROM THE RECORDS.

BOSTON:

PRESS OF JOHN WILSON AND SON.
1877.

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Six hundred and ninety-fourth Meeting.

October 11, 1876. — STATED MEETING.

The PRESIDENT in the chair.

Letters were read from Messrs. Curtius, Le Duc, Mignet, Pattison, Rawlinson, Stanley, Abbot, and Searle, accepting their election as members of the Academy; also from Messrs. Bowen and Cabot resigning their membership.

Voted, To place six hundred dollars (\$600) of the income of the Rumford Fund at the disposal of the Rumford Committee to aid Professor Langley in his researches on radiant energy.

Professor A. G. Bell, by invitation presented a paper on telephony.

On the motion of Mr. Emerson it was

Voted, To heartily congratulate Professor Bell on his wonderful discovery in telephony.

The following papers were presented:—

On the use of glass circles for meridian instruments, by Mr. W. A. Rogers.

On the suspension of a ball in a jet of air having an inclination of 45° by Mr. W. A. Rogers.

On a new edition of Ptolemy's catalogue of stars, by Mr. C. S. Peirce.

Dr. Gray presented, by title, the following paper:—

Contributions to North American Botany.

Six hundred and ninety-fifth Meeting.

November 10, 1876. — MONTHLY MEETING.

The PRESIDENT in the chair.

The Corresponding Secretary announced the death of Nicholas St. John Green, William A. Stearns, and Edward Wigglesworth, Fellows of the Academy; also of Charles Davies, Associate Fellow, and Christian Gottfried Ehrenberg, Foreign Honorary Member. He also read letters from Monsieur G. A. Hirn acknowledging the receipt of the Works of