

PROCEEDINGS

OF THE

AMERICAN ACADEMY

OF

ARTS AND SCIENCES.

NEW SERIES.

VOL. VII.

WHOLE SERIES.

VOL. XV.

FROM MAY, 1879, TO MAY, 1880.

SELECTED FROM THE RECORDS.

BOSTON:

UNIVERSITY PRESS: JOHN WILSON AND SON.

1880.

TEXAS TECHNOLOGICAL COLLEGE LIBRARY
LUBBOCK, TEXAS

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urer be authorized to transfer five hundred dollars (\$500) to the general fund."

"*Voted*, That the list of periodicals contained in the records of the Rumford Committee, June 12, 1878, be paid for, including the binding, from June, 1878, to June, 1880, out of the Rumford Fund."

"*Voted*, That an appropriation of four hundred dollars (\$400) be made from the Rumford Fund for continuing the purchase of books upon light and heat."

These votes were severally confirmed by the Academy.

Professor Cooke presented the printed Report of the Council, and stated that the new volume of Proceedings would be ready during the present month.

Professor Peirce read the following papers:—

"On the Reference of the Unit of Length to the Wave-lengths of Light." By Charles S. Peirce.

"On the Meteoric Constitution of the Universe." By Benjamin Peirce.

Professor Pickering described the work now in progress at the Harvard College Observatory upon Nebulæ.

The following papers were presented by title:—

"The Temporary Change of Refrangibility in the Spectrum of Solar Protuberances." By Leopold Trouvelot.

"On the Supposed Existence of Two Permanent Zones of Solar Protuberances." By Leopold Trouvelot.

"On the Coefficient of Expansion of Nickel-plated Steel Bars." By William A. Rogers.

The following committees were appointed:—

Committee on Publication.

ALEX. AGASSIZ, W. W. GOODWIN, JOHN TROWBRIDGE.

Committee on Library.

EDWARD C. PICKERING, HENRY P. BOWDITCH,
WILLIAM R. NICHOLS.

Auditing Committee.

HENRY G. DENNY, ROBERT W. HOOPER.

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