

Mr. JOSEPH HENRY read an eulogy

ON THE LIFE AND SCIENTIFIC LABORS OF THE LATE ALEXANDER
DALLAS BACHE,

who was one of the founders of the scientific club from which
this society took its origin.

*(This Eulogy is published in full in the Report of the Secretary of the
Smithsonian Institution for 1870, Appendix, pp. 90-106.)*

17TH MEETING.

DECEMBER 16, 1871.

The President in the Chair.

Mr. J. E. HILGARD read a paper

ON THE WESTWARD MOVEMENT OF THE POPULATION OF THE UNITED
STATES.

*(This paper is published under the title, "The Advance of Population in the
United States," in Scribner's Monthly Magazine, vol. iv., pp. 214-218,
June, 1872.)*

Mr. C. S. PEIRCE read a paper

ON THE APPEARANCE OF ENCKE'S COMET AS SEEN AT HARVARD
COLLEGE OBSERVATORY.

*(The substance of this communication will be published in the Annals of the
Harvard College Observatory.)*

Mr. E. B. ELLIOTT made a communication

ON THE LOCUS OF THE POINT OF EQUAL ILLUMINATION BY TWO
UNEQUAL LIGHTS TREATED BY THE QUATERNION ANALYSIS.

Mr. CLEVELAND ABBE read a letter from Mr. S. A. King,
Lieutenant, of Boston,

ON THE AERIAL CURRENTS OBSERVED IN FIFTY BALLOON
ASCENSIONS.

The thanks of the Society were returned to Mr. King for his
communication.

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V. C. 1871