

PROGRAMME

OF

MONDAY, AUGUST 17, 1857.

General Session at 4½ P.M.

SECTION A: MATHEMATICS AND PHYSICS.

Meeting in Superior Court Room, Second Story, 10 A.M.

PROF. A. D. BACHE, PERMANENT CHAIRMAN.

PROF. J. B. CHERRIMAN, SECRETARY.

SECTION COMMITTEE.

W. M. GILLESPIE, CHAIRMAN.
E. S. SNELL.
FAIRMAN ROGERS.

Papers to be Read.

- 1.—On an improved construction of Ruhmkorff's Induction Apparatus.—By E. S. RITCHIE.
- 2.—On the Electrical Hypothesis of the Aurora Borealis.—By D. OLMSTED.
- 3.—On the Heights of the Tides of the Atlantic Coast of the United States.—By A. D. BACHE.
- 4.—Some observations respecting a Steam Boiler Explosion at Haverill, Mass.—By JAMES R. NICHOLS.
- 5.—Of the Special Harmonics of the Distances and the Periodic Times of the Bodies composing the Solar system, and the Physical Hypothesis to which this state of things seems to be referable.—By STEPHEN ALEXANDER.
- 6.—Note on the Conservation of Force.—By BENJAMIN PEIRCE.
- 7.—On the diverse Weights employed in modern Coinage. PART III.—On Avoirdupois Weights.—By J. H. GIBBON.