

NATIONAL GEOGRAPHICAL SOCIETY.

CALENDAR, 1895.

Feb. 8.—*Topographic Forms*: MAJ. GILBERT THOMPSON, MR. HENRY GANNETT, MR. G. W. LITTLEHALES.

Feb. 15.—*Shakespeare's England*: REV. G. ARBUTHNOT.

Feb. 22. *Practical Results of the Bering Sea Arbitration*: MR. J. STANLEY-BROWN.

Mar. 1.—*Recent Discoveries in Assyria and Babylonia*: REV. DR. FRANCIS BROWN.

Mar. 8. *Mexican Boundary*: MR. A. T. MOSMAN, MR. STEHMAN FORNEY, CAPT. E. A. MEARNS, U. S. A.

Mar. 15.—*Turkey*: REV. DR. HENRY H. JESSUP.

Mar. 18.—*Washington to Pittsburg and to Niagara Falls*; *Across the Appalachians*: DR. DAVID T. DAY.

Side Trip to Niagara Falls: MR. G. K. GILBERT.

March 20. Reception at the Arlington Hotel, Washington, D. C., 9 to 11 P. M.

Mar. 22. *Pittsburg to Yellowstone National Park*; *Pittsburg to St. Paul, through the oil and gas regions*: PROFESSOR EDWARD ORTON.

St. Paul to Yellowstone National Park: MR. WALTER H. WEED.

Mar. 22.—*The Alaskan Boundary*: MR. J. E. McGRATH, MR. J. F. PRATT, MR. H. P. RITTER.

Mar. 25. *Yellowstone National Park to Sacramento*; *Yellowstone Park*; *down the Columbia*; *visit to Mt. Rainier and Portland*: MR. BAILEY WILLIS.

Portland to Crater Lake; *Mount Shasta and Sacramento*: MR. J. S. DILLER.

Mar. 29.—*Sacramento to northern Arizona*; *Sacramento*; *the Golden Gate*; *Yosemite*; *Los Angeles*; *San Bernardino*: MR. W. D. JOHNSON.

From San Bernardino across the deserts; *to San Francisco Mt., Arizona*: MAJ. J. W. POWELL.

Mar. 29.—*Oregon*: HON. J. H. MITCHELL.

April 1.—*Grand Cañon and Sonora, Mexico*; *Salt Lake City to the Grand Cañon*; *a winter in the depth of the Cañon*: MR. CHARLES D. WALCOTT.

Prescott, Phoenix and Tucson, to Sonora, Mexico; *visit to the so-called cannibals*: MR. W J MCGEE.

April 5.—*Across the Rocky Mountains to Denver*; *Northern Arizona, the Rio Grande, and across the mountains to Denver*: PROF. A. H. THOMPSON.

The Home of the Pueblo Indians: MR. FRANK HAMILTON CUSHING.

April 5.—*Physical Geography of the Great Lakes*: PROF. MARK W. HARRINGTON.

April 8.—*Denver to Washington*; *Denver to Pueblo, down the Arkansas river, and across the plains to St. Louis*: MR. F. H. NEWELL. *St. Louis to Washington, with visits to the great caves of Ky. and Va.*: MAJOR JED. HOTCHKISS.

April 12.—*Argentina*, *Columbian University*, 8:30 to 9:30 P. M.: DR. D. ESTANISLAO S. ZEBALLOS.

April 19.—*The Geography and Geology of Nicaragua*: MR. ROBERT T. HILL.

April 26.—*Antiquities and Aborigines of Peru*: MR. S. MATHEWSON SCOTT, MR. F. H. CUSHING.

May 3.—*Fredericksburg*: MR. W J MCGEE, MAJ. GILBERT THOMPSON, GEN. JOHN GIBBON, U. S. A.

May 4.—*Excursion and Field-Meeting, Fredericksburg, Va.*, 9 A. M. to 6 P. M.

May 10.—*President's Annual Address*: HON. GARDINER G. HUBBARD.

May 17.—*Annual Meeting for the Election of Officers.*

PHILOSOPHICAL SOCIETY OF WASHINGTON,
MARCH 2.

On the Discovery of Marine Fossils in the Pampean Formation, by Dr. H. Von Ihering: MR. WM. H. DALL.

Classification of Clouds; Illustrated by lantern slides: MR. ALEXANDER McADIE.

The Army Magazine Rifle, Cal. 30: MR. ROGERS BIRNIE.

Additional Note on Gravity Determinations: MR. G. K. GILBERT.

WILLIAM C. WINLOCK, *Secretary*.

BOSTON SOCIETY OF NATURAL HISTORY,
MARCH 6.

The Geographical History of the Lower Mississippi: MR. L. S. GRISWOLD.

Some Features of the Coastal Plain in the Mississippi Embayment: MR. C. F. MARBUT.

Note on cusped Sand-bars of the Carolina Coast: MR. CLEVELAND ABBE, JR.

SAMUEL HENSHAW, *Secretary*.

SCIENTIFIC JOURNALS.

THE AMERICAN JOURNAL OF SCIENCE, MARCH.

The Appalachian Type of Folding in the White Mountain Range of Inyo County, Cal.: C. D. WALCOTT.

Notes on the Southern Ice Limit in Eastern Pennsylvania: E. H. WILLIAMS.

The Succession of Fossil Faunas at Springfield, Missouri: S. WELLER.

Distribution of the Echinoderms of Northeastern America: A. E. VERRILL.

Drift Boulders Between the Mohawk and Susquehanna Rivers: A. P. BRIGHAM.

Scientific Intelligence; Chemistry and Physics; Geology and Mineralogy; Botany; Miscellaneous; Obituary.

AMERICAN CHEMICAL JOURNAL, MARCH.

On the Cupriammonium Double Salts: THEODORE WILLIAM RICHARDS and ANDREW HENDERSON WHITRIDGE.

The Composition of Athenian Pottery: THEODORE WILLIAM RICHARDS.

A Redetermination of the Atomic Weight of Yttrium: HARRY C. JONES.

Separation of Nickel and Iron: E. D. CAMPBELL and W. H. ANDREWS.

Researches on the Complex Inorganic Acids: WOLCOTT GIBBS.

Cupric Hydride: EDWIN J. BARTLETT and WALTER H. MERRILL.

Action of Light on Lead Bromide: R. S. NORRIS.
The Action of Ammonia upon Dextrose: W. E. STONE.

The Carbohydrates of the Gum of Acacia Decurrens: W. E. STONE.

Reviews and Reports; Notes.

BULLETIN OF THE TORREY BOTANICAL CLUB,
FEB.

New Species of Ustilagineæ and Uredineæ: F. B. ELLIS and B. M. EVERHART.

Contributions to American Bryology—IX: ELIZABETH G. BRITTON.

Japanese Characeæ—II: T. F. ALLEN.

Tradescantia Virginica var. *villosa* Watson: E. F. HILL.

Some new hybrid Oaks from the Southern States: JOHN K. SMALL.

Family Nomenclature: V. HAVARD.

Reviews.

Proceedings of the Club.

Index to Recent Literature Relating to American Botany.

NEW BOOKS.

Antisepsis and Antiseptics. CHARLES MILTON BUCHANAN. Newark, N. J., The Terhune Co. 1895. xvi+352.

A Laboratory Guide in General Chemistry. GEORGE WILLARD BENTON. Boston, D. C. Heath & Co. 1894. Pp. 163.

A Laboratory Manual in Organic Chemistry. W. R. ORNDORFF. Boston, D. C. Heath & Co. 1894. 82 experiments.

First Lessons in Chemistry. G. P. PHENIX. Boston, D. C. Heath & Co. 1894. Pp. 41.

The World of Matter a Guide to the Study of Chemistry and Mineralogy. HARLAN HOGUE BALLARD. Boston, D. C. Heath & Co. 1894. Pp. 264.

Physical Laboratory Manual. H. N. CHUTE. Boston, D. C. Heath & Co. 1894. Pp. vi+213.

Practical Methods in Microscopy. CHARLES H. CLARK. Boston, D. C. Heath & Co. 1894. xiv+219.