

THE JOURNAL OF THE AMERICAN CHEMICAL
SOCIETY, FEB.

- A Modified Arrangement of the Elements Under the Natural Law:* F. P. VENABLE.
The Determination of Potash in Kainite: RUDOLPH DE ROODE.
The Oxidation of Organic Matter and the Decomposition of Ammonium Salts by Aqua Regia, in Lieu of Ignition, in the Determination of Potash in Fertilizers: RUDOLPH DE ROODE.
On Certain Phenomena Observed in the Precipitation of Antimony from Solutions of Potassium Antimonyl Tartrate: J. H. LONG.
An Examination of the Atmosphere of a Large Manufacturing City: CHARLES F. MABERY.
A New Form of Water-Oven and Still: LEWIS WILLIAM HOFFMANN and ROBERT W. HOCHSTETTER.
The Determination of Nickel in Nickel-Steel: E. D. CAMPBELL and W. H. ANDREWS.
The Volumetric Determination of Phosphorus in Steel and Cast Iron: W. A. NOYES and J. S. ROYSE.
The Contribution of Chemistry to the Methods of Preventing and Extinguishing Conflagration: THOMAS H. NORTON.
The Action of Organic and Mineral Acids Upon Soils: HARRY SNYDER.
New Books.

THE JOURNAL OF GEOLOGY, JAN.-FEB.

- The Basic Massive Rocks of the Lake Superior Region. IV.:* W. S. BAYLEY.
A Petrographical Sketch of Ægina and Methana. Part II.: HENRY S. WASHINGTON.
Lake Basins Created by Wind Erosion: G. K. GILBERT.
On Clinton Conglomerates and Wave Marks in Ohio and Kentucky: AUG. F. FOERSTE.
Glacial Studies in Greenland. III.: T. C. CHAMBERLIN.
Studies for Students:
Agencies which Transport Materials on the Earth's Surface: ROLLIN D. SALISBURY.
Editorials; Publications; Notes.

THE AMERICAN GEOLOGIST, FEB.

- George Huntington Williams:* JOHN M. CLARK. (Portrait.)
The Geological History of Missouri: ARTHUR WINSLOW.
A New Cretaceous Genus of Clypeastridae: F. W. CRAIGIN.
Further Observations on the Ventral Structure of Triarthrus: C. E. BEECHER.
The Second Lake Algonquin: F. B. TAYLOR.
Editorial Comment.
Review of Recent Geological Literature.
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THE BOTANICAL GAZETTE, FEB.

- New or noteworthy Compositæ from Guatemala:* JOHN M. COULTER.
A preliminary paper on Costaria, with description of a new species: DE ALTON SAUNDERS.
Notes on our Hepaticæ. III: LUCIEN M. UNDERWOOD.
The flora of Mt. Mansfield: W. W. EGGLESTON.
Briefer Articles.
Editorial; Current Literature; Open Letters; Notes and News.

NEW BOOKS.

- Missouri Botanical Garden. Fifth Annual Report.* St. Louis, Mo., Board of Trustees. 1894. Pp. 166.
The Great Ice Age. JAMES GEIKIE. New York, D. Appleton & Co. 1895. 3d Edition. Pp. xxviii+850. \$7.50.
The Pygmies. A. DE QUATREXAGES. Translated by FREDERICK STARR. New York, D. Appleton & Co. 1895. Pp. xiv+255. \$1.75.
Annals of the Astronomical Observatory of Harvard College. Vol. XXXII., Part I. Investigations in Astronomical Photography. WILLIAM H. PICKERING. Cambridge, Mass., the Observatory. 1895. Pp. 115.