

NUMBER CLXXXVIII.

	Page
ART. XXXII.—Crumpling of the Earth's Crust; by W. B. TAYLOR,	249
XXXIII.—The Old Tertiary of the Southwest; by E. W. HILGARD,	266
XXXIV.—Remarks on a paper of Dr. Otto Meyer on "Species in the Southern Old-Tertiary;" by E. A. SMITH,	270
XXXV.—Native Antimony and its Associations at Prince William, York County, New Brunswick; by G. F. KUNZ,	275
XXXVI.—Crystalline Rocks of Alabama; by C. H. HITCHCOCK,	278
XXXVII.—Geometrical Form of Volcanic Cones and the Elastic Limit of Lava; by G. F. BECKER,	283
XXXVIII.—Notice of a new genus of Pteropods from the Saint John Group (Cambrian); by G. F. MATTHEW, ...	293
XXXIX.—Cope's Tertiary Vertebrata; by J. L. WORTMAN, 295	295
XL.—Observations upon the Tertiary of Alabama; by T. H. ALDRICH,	300
XLI.—Electrical Furnace and the reduction of the Oxides of Boron, Silicon, Aluminum and other metals by Carbon; by E. H. COWLES, A. H. COWLES and C. F. MABERY, ...	308
XLII.—The Grand Rapids Meteorite; by R. B. RIGGS,	312

SCIENTIFIC INTELLIGENCE.

Chemistry and Physics.—Sensitiveness of Selenium and Sulphur to Light, S. BIDWELL, 313.—Molecular Shadows in Incandescent Lamps, J. A. FLEMING: Disintegration of the carbon filament in an incandescent Electric lamp, BUCHANAN, 314.—Changes produced by magnetization in the length of rods of Iron and Steel, S. BIDWELL, 315.

Geology and Mineralogy.—Notes on some of the Geological Papers presented at the Meeting of the American Association at Ann Arbor, 315.—Can underground heat be utilized?, J. S. GARDNER, 317.—A gigantic bird of the Lower Eocene of Croydon, Gastornis Klaassenii, E. T. NEWTON: Comstock Mining and Miners, E. LORD: Materialien zur Mineralogie Russlands von N. v. KOKSCHAROW, 318.

Botany.—The Microscope in Botany: a Guide to the Microscopical Investigation of Vegetable Substances, A. B. HERVEY and R. H. WARD: Bulletin of the California Academy of Sciences, 319.—Systematic Catalogue of the Flowering Plants and Ferns in Ceylon, H. TRIMEN, 321.—HON. GEORGE W. CLINTON, 322.

Astronomy.—Identity of Denning's and Biela's comets, 322.

Miscellaneous Scientific Intelligence.—Meeting of the American Association for the Advancement of Science at Ann Arbor, Michigan, 322.—U. S. Coast and Geodetic Survey, 328.