

Number 119.

	Page
AET. XXXVI.—A New Niobrara Toxochelys ; by G. R. WIELAND. (With Plate X.)	325
XXXVII.—Contributions to the Geology of New Hampshire. I. Geology of the Belknap Mountains ; by L. V. PIRSSON and H. S. WASHINGTON. (With Plate XI.)	344
XXXVIII.—The Fauna of the Chazy Limestone; by P. E. RAYMOND	353
XXXIX.—The Mechanical Properties of Catgut Musical Strings ; by J. R. BENTON	383
XL.—Use of the Rotating Cathode for the Estimation of Cadmium taken as the Chloride ; by C. P. FLORA	392

SCIENTIFIC INTELLIGENCE.

Chemistry and Physics.—Formation of Ozone by Ultra-violet Light, FISCHER and BRAEMER: New Reagent for Nickel, TSCHUGAEFF, 397.—Electrolytic Dissociation Theory with some of its Applications: Soils and Fertilizers: Engineering Chemistry, 398.—Text-book of Chemical Arithmetic: Text-book of Physiological Chemistry for Students of Medicine: Formation of Helium from the Radium Emanation, 399.—Blondlot's "Emission pesante": Diffusion of Nascent Hydrogen through Iron, A. WINKLEMANN, 400.—Landolt-Börnstein Physikalisch-chemische Tabellen, 401.

Geology and Mineralogy.—United States Geological Survey, 402.—Osteology of Baptanodon, C. W. GILMORE, 403.—Cambrian Fauna of India, C. D. WALCOTT, 404.—Catalogue of Type-Specimens of Fossil Invertebrates in the Department of Geology, U. S. National Museum, 405.—Graptolites of New York; Part I, Graptolites of the Lower Beds, R. RUEDEMANN: Mesozoic Plants from Korea, H. YABE: Paleontologia Universalis: Ninth Annual Report of the Geological Commission, Dept. of Agriculture, Cape of Good Hope, for 1904: Rock Cleavage, C. K. LEITH, 406.—Experiments on Schistosity and Slaty Cleavage, G. F. BECKER: Die Alpen im Eiszeitalter, 407.—Structural and Field Geology, J. GEIKIE: Clays and Clay Industry of Connecticut, G. F. LOUGHLIN, 408.—Geology of Western Ore Deposits: Delavan Lobe of the Lake Michigan Glacier, etc., 409.—Platinum in Black Sands from Placer Mines, D. T. DAY: Cassiterite, W. E. HIDDEN, 410.

Miscellaneous Scientific Intelligence.—Harvard College Observatory: Publications of the Cincinnati Observatory: Report of Director of the Yerkes Observatory, Univ. of Chicago: Carnegie Institution of Washington, 411.—Annual Report Board of Regents Smithsonian Institution: Catalogue of Collection of Birds' Eggs in the British Museum of Natural History: Bibliotheca Zoologica II, 412.

Obituary.—BARON FERDINAND VON RICHTHOFEN, Professor LEO ERRERA, Mr. G. B. BUCKTON, M. ELISÉE RECLUS, 412.