

Number 221.

	Page
ART. XXX.—Reef Formations of the Northeast Coast of Brazil; by G. A. WARING. (With Plate IX)	367
XXXI.—Note on a New Meteoric Iron from Mount Edith, Ashburton District, West Australia; by W. M. FOOTE	391
XXXII.—Occurrence of Molybdenum in Rocks with special reference to those of Hawaii; by J. B. FERGUSON	399
XXXIII.—Fruits of a Date Palm in the Tertiary Deposits of Eastern Texas; by E. W. BERRY	403
XXXIV.—Separation of Titanium from Iron, Aluminum, and Phosphoric Acid with the Aid of the Ammonium Salt of Nitrosophenylhydroxylamine ("Cupferron"); by W. M. THORNTON, JR.	407
XXXV.—New Features in the Geology of Northwestern Spitzbergen; by O. HOLTEDAHL	415
XXXVI.—Permian Geology of Northern Brazil; by M. A. R. LISBOA	425
XXXVII.—Finger Lake Bed in Ashland and Wayne Counties, Ohio, with Tilted Shore Lines; by G. D. HUBBARD	444
XXXVIII.—Remnants of an Old Graded Upland on the Presidential Range of the White Mountains; by J. W. GOLDTHWAIT	451
XXXIX.—The Shawangunk Conglomerate and Associated Beds near High Falls, Ulster County, New York; by T. C. BROWN	464

SCIENTIFIC INTELLIGENCE.

Chemistry and Physics—Peculiarity of Nickel and Cobalt Sulphides, A. THIEL and H. GESSNER; Dimethyl Phosphates of the Rare Earths, J. C. MORGAN and C. JAMES, 475.—Qualitative Chemical Analysis, A. VORISEK: Introduction to Modern Inorganic Chemistry, J. W. MELLOR, 476.—Practical Methods of Organic Chemistry, L. GATTERMANN: Spectrography of Röntgen Rays, M. DE BROGLIE, 477.—Removal of the Photoelectric Effect of Potassium, HALLWACHS and WIEDMANN, 478.—Heat of Formation of Hydrogen from Hydrogen Atoms, I. LANGMUIR: Thermal Expansion of Quartz Glass, K. SCHEEL and W. HEUSE, 479.—Physics for Technical Students; Mechanics and Heat, W. B. ANDERSON: Natural Sources of Energy, A. H. GIBSON, 480.—Effect on the Propagation of Electric Waves of the Total Eclipse of the Sun, 21st August, 1914, 481.

Geology and Natural History—Manual of Petrographic Methods, A. JOHANNSEN, 482.—History of Land Mammals in the Western Hemisphere: Nomenclature of certain Starfishes, A. E. VERRILL, 483.—Birds of Connecticut, Bulletin No. 20, J. H. SAGE, L. B. BISHOP, and W. P. BLISS, 484.—Letters and Recollections of Alexander Agassiz, with a Sketch of his Life and Work, G. R. AGASSIZ, 485.

Obituary—G. W. HILL: G. M. MINCHIN: J. H. POYNTING: A. SALINAS, 486.