

Number 242.

	Page
ART. VII.—Problems of the Pacific Islands ; by R. A. DALY (With Plate III)	153
VIII.—Age of the Iron Ore in Eastern Wisconsin ; by T. E. SAVAGE and C. S. ROSS.	187
IX.—A Petrified Palm from the Cretaceous of New Jersey ; by E. W. BERRY.	193
X.—Plaster of Paris and the Effect of Foreign Substances ; by E. L. TROXELL	198
XI.—Note on the Variable Composition of Melanochalcite ; by W. F. HUNT and E. H. KRAUS	211

SCIENTIFIC INTELLIGENCE.

Chemistry and Physics—Extraction and Recovery of Radium, Uranium and Vanadium from Carnotite, C. L. PARSONS, etc., 214.—Qualitative Separation of Silver from Univalent Mercury, N. v. ZWEIGBERGK, 215.—Diffusion of Solids, C. E. VAN ORSTRAND and F. P. DEWEY, 216.—Volumetric Determination of Cerium by Means of Potassium Permanganate, V. LENHER and C. C. MELOCHE, 217.

Geology and Mineralogy—Men of the Old Stone Age, their Environment, Life and Art, H. F. OSBORN, 217.—Permo-Carboniferous Red Beds of North America and their Vertebrate Fauna, E. C. CASE, 219.—Mesozoic and Cenozoic Echinodermata of the United States, W. B. CLARK and M. W. TWITCHELL: Upper White River District, Yukon, D. D. CAIRNES: Devonian of Southwestern Ontario, C. R. STAUFFER, 221.—Erosion intervals in the Eocene of the Mississippi Embayment, E. W. BERRY: Arisaig-Antigonish District, Nova Scotia, M. Y. WILLIAMS: Stratigraphy of the Pennsylvanian Series in Missouri, H. HINDS and F. C. GREENE: Fossilium Catalogus, I, Animalia, Pars 9, Stegosauria, E. HENNIG, 222.—Fossilium Catalogus, I, Animalia, Pars 8, Cephalopoda triadica, C. DIENER: Catalogue of the Meteorites of North America to January 1, 1909, O. C. FARRINGTON: Gems and Precious Stones in 1914, D. B. STERRETT, 223.—Magic of Jewels and Charms, G. F. KUNZ: Mineral Resources of Texas, W. B. PHILLIPS: Mineral Resources of the Philippine Islands for the year 1914: Building Stones of Ohio, J. A. BOWNOCKER, 224.—Peat Resources of Wisconsin, F. W. HUELS: Purchase and Sale of Illinois Coal on Specification, S. W. PARR, 225.

Miscellaneous Scientific Intelligence—Development of the Human Body: A Manual of Human Embryology, J. P. McMURRICH: National Academies and the Progress of Research, G. E. HALE: Memoirs of the Queensland Museum, R. HAMLYN-HARRIS, 225: Edinburgh Mathematical Tracts, 226.

Obituary—E. W. HILGARD: A. VAUGHAN: F. R. BARRELL: H. E. DRESSER: C. R. ZEILLER, 226.