

Number 38.

	Page
ART. VI.—Thermal Conductivity and Compressibility of several Rocks under High Pressures; by P. W. BRIDGMAN,	81
ART. VII.—A Fossil Flower from the Miocene of Trinidad; by E. W. BERRY,	103
ART. VIII.—Secondary Valence in the Light of Recent Researches; II: Alkali Polyhalides; by G. L. CLARK,	109
ART. IX.—The Generic Distinctions between Merycochærus Leidy and Promerycochærus Douglass; by M. R. THORPE,	121
ART. X.—Gratiola L. and Sophronanthe Benth.; by T. HOLM,	132
ART. XI.—Fossiliferous Marine Wilcox Group in Texas; by JULIA A. GARDNER,	141
ART. XII.—Bearing of Normal Faults on the Hypothesis of a Shrinking Earth; by F. P. SHEPARD,	146

SCIENTIFIC INTELLIGENCE.

Chemistry and Physics.—ULLMANN'S Enzyklopädie der technischen Chemie: Separation of Common Lead into Fractions of Different Density, R. H. ATKINSON, 155.—Separation of Titanium from Iron and Aluminium by means of Sulphonated Salicylic Acid, MOSER and IRANYI: Supplementary Notes on Gravimetric Analysis for Beginners, W. LOWSON, 156.—Electrification by Spraying, J. J. NOLAN and H. V. GILL: Friction, T. E. STANTON, 157.—Oil Flow, Viscosity and Heat Transfer, R. S. DANFORTH: Elementary Electricity, S. G. S. STARLING: Cours de Physique Générale, H. OLLIVIER, 158.—Die Naturwissenschaften, F. DANNEMANN: Notions Sommaires de Géométrie Projective, MAURICE D'OCAGNE: Relativity, J. RICE, 159.

Geology.—Paläontologische Methoden und ihre Anwendung auf die Paläobiologischen Verhältnisse des Steinheimer Beckens, H. KLÄHN: The Stratigraphy and Paleontology of Toronto and Vicinity, W. A. PARKS, M. FRITZ, 161.—The Correlation of the Vicksburg Group, C. W. COOKE, etc., Bureau of Mines, H. F. BAIN: Dolerites of King George Land and Adelie Land, W. R. BROWN, 162.—A new Meteorite: The Sharps Meteorite, Richmond County, Va., 163.

Natural History.—Protoplasmic Action and Nervous Action, R. S. LILLIE: Crustacea of Bermuda: Schizopoda, Cumacea, Stomatopoda and Phyllocarida, A. E. VERRILL, 163.—New Natural History, J. A. THOMSON: The British Journal of Experimental Biology. F. A. E. CREW: The Opalinid Ciliate Infusorians, M. M. METCALF: Ascidiæ simplices, W. A. HERDMAN, 164.—Roosevelt Wild Life Bulletin, C. C. ADAMS: Mammalian Anatomy, with Special Reference to the Cat, A. DAVISON: Report of the Subcommittee of Science Master's Association: Dwellers of the Sea and Shore, W. CROWDER, 165.—Micro-organisms of the Soil, E. J. RUSSELL: R. Comitato Talassografico Italiano, Venice, 166.

Miscellaneous Scientific Intelligence.—Report of the Secretary of the Smithsonian Institution, C. D. WALCOTT, 167.—Deep-Sea Soundings, Atlantic and Caribbean Sea, 168.—Development of the Sciences, E. W. BROWN, etc.: Arsenic, Calcium Arsenate and the Boll-Weevil, H. W. AMBRUSTER, 169.—Revue Générale des Colloïdes et des leurs applications industrielles: Twentieth Century advances in Cancer Research, E. F. SMITH, 170.

Obituary.—F. OMORI: W. H. D. LE SOUËF: A. GLEICHEN: T. F. CHEESEMAN: T. G. BONNEY: H. H. GODWIN-AUSTIN: G. ENGSTRÖM, 170.