

Number 4.

	Page
ART. XVIII.—Determinate Orbital Stability: its Mechanism and some of its Functions in Celestial Mechanics; by F. B. TAYLOR.....	295
ART. XIX.—Paleobotany and the Earth's Early History; by A. P. COLEMAN.....	315
ART. XX.—Evolution of Geologic Climates; by C. SCHUCHERT	320
ART. XXI.—The American Bothriodonts; by E. L. TROXELL	325
ART. XXII.—Palaeolagus, an Extinct Hare; by E. L. TROXELL.....	340
ART. XXIII.—White Mountain Physiography; by A. C. LANE.....	349
ART. XXIV.—An Alkali Gneiss from the Pre-Cambrian of New Jersey; by N. E. A. HINDS.....	355

SCIENTIFIC INTELLIGENCE.

Chemistry and Physics—The Double Decomposition of Salts in Connection with the Phase Rule, E. RENGADE, 364.—A Comparison of the Atomic Weights of Terrestrial and Meteoric Nickel, G. P. BAXTER and L. W. PARSONS: General and Industrial Organic Chemistry (F. Molinari), T. H. POPE, 365.—A Treatise on Chemistry, ROSCOE and SCHORLEMMER: Musical Sands, C. CARUS-WILSON, 366.—The Electric Furnace, H. MOISSAN: Lessons in Heat, W. S. FRANKLIN and B. McNUTT, 367.—Matter and Motion, J. C. MAXWELL: Mechanical Sciences Tripos: A Text Book of Physics, W. WATSON, 368.

Geology—Crinoidea Flexibilia, F. SPRINGER, 369.—Dunkard Series of Ohio, STAUFFER and SCHROYER, 371.—The Stratigraphy and Paleontology of Toronto and Vicinity, Part I, The Pelecypoda, B. H. STEWART: Notes on the Geology and Oil Possibilities of the northern Diablo Plateau in Texas, J. W. BEEDE: The Weno and Pawpaw Formations of the Texas Comanchean, W. S. ADKINS, and On a new Ammonite Fauna of the Lower Turonian of Mexico, E. BÖSE: Fossil Corals from Central America, Cuba, and Porto Rico, with an account of the American Tertiary, Pleistocene, and Recent Coral Reefs, T. W. VAUGHAN, 372.—Studies in Minor Folds, C. E. DECKER: Lithologic Subsurface Correlation in the "Bend Series" of North-Central Texas, M. I. GOLDMAN: The Hadrosaur Edmontosaurus from the Upper Cretaceous of Alberta, L. M. LAMBE, 374.—The Nomenclature of Petrology, A. HOLMES, 375.

Miscellaneous Scientific Intelligence—Carnegie Institution of Washington, R. S. WOODWARD, 375.—Collected Fruits of Occult Teaching, A. P. SINNETT: Spiritualism—Its Present Day Meaning, a Symposium, H. CARTER, 376.—Types of Mental Deficiency, M. W. BARR and E. F. MALONEY: Practical Bank Operation, L. H. LANGSTON, 378.—First Pan Pacific Scientific Conference, Honolulu, Hawaii, Aug. 20, 1920, Part I, Organization, Proceedings, Resolutions, 379.—The Origin of Man and of his Superstitions, C. READ, 380.

Obituary—S. W. BURNHAM: C. H. FERNALD: I. A. FIELD: F. J. V. SKIFF: A. G. NATHORST: T. MIYAKE: J. C. CAIN: C. TOLDT, 380.