

CONTENTS TO VOLUME II.

Number 7.

	Page
ART. I.—Lecture Experiment with Liquid Carbon Dioxide; by C. BARUS	1
II.—Observations on Percussion Figures on Cleavage plates of Mica; by T. L. WALKER	5
III.—Seven Day Weather Period; by H. H. CLAYTON	7
IV.—Pearceite, a Sulpharsenite of Silver and on the Crystal- lization of Polybasite; by S. L. PENFIELD.....	17
V.—Hydrology of the Mississippi; by J. L. GREENLEAF...	29
VI.—Preliminary Note on the Relations of Certain Body- plates in the Dinichthyids; by C. R. EASTMAN	46
VII.—Tertiary Floras of the Yellowstone National Park; by F. H. KNOWLTON.....	51
VIII.—New Belodont Reptile (<i>Stegomus</i>) from the Con- necticut River Sandstone; by O. C. MARSH. (With Plate I.)	59
IX.—Separation, and its bearing on Geology and Zoögeog- raphy; by A. E. ORTMANN.....	63
X.—Iodometric Method for the Determination of Carbon Dioxide; by I. K. PHELPS.....	70
XI.—The Opisthoteuthidæ. A Remarkable New Family of Deep Sea Cephalopoda, with remarks on some points in Molluscan Morphology; by A. E. VERRILL.....	74

SCIENTIFIC INTELLIGENCE.

- Chemistry and Physics*—Fusibility of platinum in a blast-furnace fed by carbon, V. MEYER: Condition of the water in analcite, C. LEPIERRE: Quantitative separations by means of hydrogen peroxide, JANNASCH, 81.—Use of "heavy solutions" in the examination of commercial fertilizers, A. P. BRYANT: Action of nitric acid upon potassium cobalti-cyanide, JACKSON and COMEY, 82.—Substitution of various substances in the place of the water of zeolites, G. FRIEDEL: Elementary Treatise in Electricity and Magnetism, G. C. FOSTER and E. ATKINSON, 83.
- Geology and Natural History*—United States Geological Survey, 84.—American Paleontology Prize, 85.—Midway Stage, G. D. HARRIS: Student's Lyell, a Manual of elementary Geology, J. W. JUDD, 86.—Chloritoid from Michigan, W. H. HOBBS, 87.—Report of the Section of Chemistry and Mineralogy, G. C. HOFFMANN: Les Mines d'Or du Transvaal, L. DE LAUNAY, 88.—Lehrbuch der Okologischen Pflanzen-geographie, E. WARMING: Seventh Annual Report of Missouri Botanical Garden, 89.
- Miscellaneous Scientific Intelligence*—Height of the luminous night-clouds, 89.—Publications of the Washburn Observatory of the University of Wisconsin: Mathematical papers read at the International Mathematical Congress held in connection with the World's Columbian Exposition, Chicago, 1893: American Association for the Advancement of Science: British Association for the Advancement of Science: Journal of Physical Chemistry, 90.
- Obituary*—JOSEPH PRESTWICH: M. DAUBRÉE, 90.