

CONTENTS TO VOLUME I.

Number 1.

	Page
ART. I.—Relations of Subjacent Igneous Invasion to Regional Metamorphism; by J. BARRELL	1
ART. II.—Note on Augite from Vesuvius and Etna; by H. S. WASHINGTON and H. E. MERWIN	20
ART. III.—Chionophila Benth., a Morphological Study; by THEO. HOLM. (With 15 figures drawn from nature by the author).....	31
ART. IV.—Geology of the Muddy Mountains, Nevada, with a Section to the Grand Wash Cliffs in Western Arizona; by C. R. LONGWELL	39
ART. V.—The Stanley Shale of Oklahoma; by C. W. HONESS	63
ART. VI.—Popocatepetl again in Activity; by P. WAITZ...	81

SCIENTIFIC INTELLIGENCE.

Chemistry and Physics—A Revision of the Atomic Weight of Aluminium, T. W. RICHARDS and H. KREPELKA: The Chemists' Year Book, 1920, F. W. ATACK, 88.—Dictionary of Explosives, A. MARSHALL: Catalysis and its Industrial Applications, E. JOBLING: American Lubricants, L. B. LOCKHART: Fuel Oil in Industry, S. O. ANDROS: Spectra of Isotopes, T. R. MERTON, 89.—Magnetic Susceptibilities of Low Order, 90.—The Airplane, F. BEDELL: A Field and Laboratory Guide in Physical Nature Study, E. R. DOWNING, 91.—Annuaire pour l'An 1920, 92.

Geology—Der Südrand der Puna de Atacama (NW-Argentinien); Ein Beitrag zur Kenntniss des Andinen Gebirgstypus und zu der Frage der Gebirgsbildung, W. PENCK, 92.—Der Selpausselka, L. LEIVISKÄ: De marine Kridtafejring, J. P. J. RAVN, 93.—Illinois State Geological Survey, F. W. DEWOLF: Bulletins of the Buffalo Society of Natural Sciences, 94.—Guide to the Mineral Collections in the Illinois State Museum, A. R. CROOK, 95.

Miscellaneous Scientific Intelligence—Report of the Secretary of the Smithsonian Institution, C. D. WALCOTT, for the year ending June 30, 1920, 95.—Publications of the Allegheny Observatory of the University of Pittsburgh, F. SCHLESINGER, 96.

Obituary—M. MARGULES: K. H. STRUVE: Y. DELAGE, 96.