

## Number 248.

	Page
ART. IX.—The Problem of Continental Fracturing and Diastrophism in Oceanica; by C. SCHUCHERT .....	91
X.—On the Qualitative Separation and Detection (I) of Tellurium and Arsenic and (II) of Iron, Thallium, Zirconium and Titanium; by P. E. BROWNING, G. S. SIMPSON and L. E. PORTER .....	106
XI.—The Separation of Vanadium from Phosphoric and Arsenic Acids and from Uranium; by W. A. TURNER..	109
XII.—Some Notes on Japanese Minerals; by S. ICHIKAWA..	111
XIII.—The Algonkian-Cambrian Boundary East of the Green Mountain Axis in Vermont; by T. N. DALE ....	120
XIV.—The Thermochemistry of Silicon; Heat of Combination of Silica with Water; by W. G. MIXTER .....	125
XV.—Composition of the Selensulphur from Hawaii; by G. V. BROWN .....	132
XVI.—Insects in Burmese Amber; by T. D. A. COCKERELL	135
XVII.—The Preparation and Properties of Lead-Chlor Arsenate, Artificial Mimetite; by C. C. McDONNELL and C. M. SMITH .....	139
XVIII.—The Effect of a Magnetic Field on the Initial Recombination of the Ions Produced by X-Rays in Air; by G. E. M. JAUNCEY .....	146
XIX.—The Separation of Thorium from Iron with the Aid of the Ammonium Salt of Nitrosophenylhydroxylamine ("Cupferron"); by W. M. THORNTON, Jr. ....	151
XX.—On the Quantitative Estimation of Small Quantities of Sulphide Sulphur; by W. A. DRUSHEL and C. M. ELSTON	155
XXI.—Margarosanite, a New Lead-Calcium Silicate from Franklin, N. J.; by W. E. FORD and W. M. BRADLEY..	159
XXII.—On the Paleozoic Alcyonarian, Tumularia; by W. I. ROBINSON .....	162

## SCIENTIFIC INTELLIGENCE.

*Chemistry*—Organic Agricultural Chemistry, J. S. CHAMBERLAIN: Outlines of Industrial Chemistry, F. H. THORP, 165.—Method for the Identification of Pure Organic Compounds, S. P. MULLIKEN: Annual Reports of the Progress of Chemistry for 1915, 166.

*Geology*—Origin of the Earth, T. C. CHAMBERLIN, 167.—Jointing as a Fundamental Factor in the Degradation of the Lithosphere, by F. EHRENFELD, 168.—The Fauna of the Chapman Sandstone of Maine, H. S. WILLIAMS, 169.

*Miscellaneous Scientific Intelligence*—A Comprehensive Plan of Insurance and Annuities for College Teachers, H. S. PRITCHETT, 169.

*Obituary*—W. RAMSAY: E. METCHNIKOFF, 170.