

## NUMBER CLXXXIV.

	Page
ART. XXII.—Lower Silurian Fossils from a Limestone of the original Taconic of Emmons; by JAMES D. DANA,-----	241
XXIII.—Preliminary Report of S. W. FORD and W. B. DWIGHT, upon fossils obtained in 1885 from Metamorphic Limestones of the Taconic Series of Emmons at Canaan, N. Y. (With Plate VII)-----	248
XXIV.—Surface Transmission of Electrical Discharges; by H. S. CARHART,-----	256
XXV.—The Minerals of Litchfield, Maine; by F. W. CLARKE,-----	262
XXVI.—Chemical Behavior of Iron in the Magnetic Field; by EDWARD L. NICHOLS, PH.D.,-----	272
XXVII.—The Inculcation of Scientific Method by Example, with an illustration drawn from the Quaternary Geology of Utah; by G. K. GILBERT. (With Plate VIII),-----	284
XXVIII.—Nova Andromedæ; by ASAPH HALL,-----	299
XXIX.—Some New Forms of the Dinocerata; by W. B. SCOTT,-----	303

## SCIENTIFIC INTELLIGENCE.

*Chemistry.*—Volatility of Sulphur and Mercury, BERTHELOT: Germanium, WINKLER, 308.

*Geology and Mineralogy.*—Geology of Natural Gas in Pennsylvania and New York, C. A. ASHBURNER, 309.—Existing Glaciers in the United States, I. C. RUSSELL; Upper Miocene in Eastern Mexico, COPE: New Carboniferous Arachnidan from Arkansas, S. H. SCUDDER, 310.—Revision of the Palæocrinoidea, C. WACHSMUTH and F. SPRINGER: Geology—Chemical, Physical and Stratigraphical, J. PRESTWICH: Artificial minerals, A. DE SCHULTEN: Palæontology of New York, J. HALL, 311.

*Botany and Zoology.*—Botanical Necrology for 1885, 312.—Drugs and Medicines of North America, J. U. LLOYD and C. G. LLOYD, 313.—Leerboek der Plantenphysiologie, HUGO DE VRIES, 314.—Baillon's Dictionnaire de Botanique: Baillon's Histoire des Plantes: Plants naturalized in the southwest of France, 315.—EDWARD TUCKERMAN: Adaptation to an emergency in the Cicada septendecim, J. S. NEWBERRY, 316.—Bulletin of the Scientific Laboratories of Denison University, C. L. HERRICK: Evolution versus Involution, A. Z. RRED, 317.

*Astronomy.*—Uranometria Nova Oxoniensis, C. PRITCHARD, 317.—Nebulæ in the Pleiades: Relation of the Zodiacal Light to Jupiter, H. GEELMUYDEN: Relation of Asteroid Orbits to those of Jupiter, SEARLE, 318.—Photographs of the Solar Spectrum, H. A. ROWLAND, 319.

*Miscellaneous Scientific Intelligence.*—Report of the International Polar Expedition to Point Barrow, Alaska, 319.—Third Annual Report of the Bureau of Ethnology, J. W. POWELL: Thermometer Exposure, H. A. HAZEN: Wöhler Memorial, 320.

*Obituary.*—A. VON LASAULX: HEINRICH FISCHER, 320.