

Number 292.

	Page
ART. XXI.—Niagara and the Great Lakes; by F. B. TAYLOR	249
XXII.—Disturbances in the direction of the Plumb-line in the Hawaiian Islands; by E. D. PRESTON	271
XXIII.—Glacial Lake St. Lawrence of Professor Warren Upham; by R. CHALMERS	273
XXIV.—Argon, a New Constituent of the Atmosphere; by LORD RAYLEIGH and W. RAMSAY	275
XXV.—Velocity of Electric Waves; by J. TROWBRIDGE and W. DUANE	297
XXVI.—Epochs and Stages of the Glacial Period; by W. UPHAM	305
XXVII.—Structure and Appendages of Trinucleus; by C. E. BEECHER. (With Plate III.)	307

SCIENTIFIC INTELLIGENCE.

Chemistry and Physics—Inorganic Preparation of Hydrazine, DUDEN, 311.—Production of Carbon chlorides at ordinary Temperatures, V. MEYER: Atomic masses of Nickel and Cobalt, WINKLER, 312.—Atomic Mass of Bismuth, SCHNEIDER: Use of Dihydroxytartaric acid as a Reagent for Sodium, FENTON, 313.—Commercial Synthesis of Acetylene, LEWES, 314.—Theoretical Chemistry from the Standpoint of Avogadro's rule and Thermodynamics, W. NERNST, 315.—Qualitative Chemical Analysis of Inorganic Substances: Double refraction of Electric waves, K. MACK: National Academy of Sciences on Electrical Measurement, 316.

Geology and Mineralogy—Change of level in the West Indian Region, C. T. STIMPSON, 321.—Glacial phenomena Northwest and West of Hudson Bay, J. B. TYRRELL: Faults of post-Glacial origin, G. F. MATTHEW: Pre-Cambrian Radiolarians, L. CAYEUX, 322.—Geological Survey of Alabama for 1894: Paleozoic Corallines: Lehrbuch der Petrographie, F. ZIRKEL, 323.—Chemical Contributions to the Geology of Canada from the laboratory of the Survey, G. C. HOFFMANN: Meteoritenkunde, E. COHEN, 324.

Botany—Field, Forest and Garden Botany, A. GRAY: Popular Treatise on the Physiology of Plants, P. SORAUER, 325.

Miscellaneous Scientific Intelligence—Prize-Question pertaining to Physical Science proposed by the Schnyder von Wartensee Foundation for Arts and Sciences at Zurich, 326.—American Association for the Advancement of Science: International Zoological Congress: Manual of the Study of Documents, P. FRAZER: Smithsonian Geographical Tables, R. S. WOODWARD, 327.—French Academy of Sciences: Bulletin of the American Museum of Natural History, 328.

Obituary—Dr. G. A. REX: MARQUIS DE SAPORTA: Professor H. WILD: Dr. A. W. STELZNER, 328.