

Number 234.

	Page
ART. LIII.—PROFESSOR ELIAS LOOMIS. With a plate	427
LIV.—Magnetic Field in the Jefferson Physical Laboratory. Part II; by R. W. WILSON	456
LV.—Electrical Resistance of the Alloys of Ferro-Manganese and Copper; (from determinations made by Mr. B. H. Blood); by E. L. NICHOLS	471
LVI.—Fluid Volume and its Relation to Pressure and Tem- perature; by C. BARUS	478
LVII.—Hamlinite, a new rhombohedral Mineral from the Herderite locality at Stoneham, Me.; by W. E. HIDDEN and S. L. PENFIELD	511
LVIII.—Large spring-balance Electrometer for measuring (before an audience) specific inductive capacities and potentials; by A. M. MAYER	513
LIX.—APPENDIX.—Notice of New Tertiary Mammals; by O. C. MARSH	523

SCIENTIFIC INTELLIGENCE.

Chemistry and Physics—Emission-spectrum of Ammonia, MAGNANINI: Absorption-spectrum of Nitrosyl chloride, MAGNANINI, 518.—Dictionary of Applied Chemistry, T. E. THORPE: Method of obtaining the oscillatory discharge used by Hertz, H. CLASSEN: Oscillatory discharge of the Ruhmkorf coil, R. COLLEY: Application of Photography to the study of superficial Tension, SMITH, 519.—Suppression of Photographic Halos, PAUL HENRY and PROSPER HENRY, 520.

Geology and Mineralogy—Potomac or Younger Mesozoic Flora, W. M. FONTAINE: Geological Survey of Missouri, Bulletin No. 1, 520.—Preliminary Check list of the Cretaceous Invertebrate fossils of Texas, R. T. HILL: Geological Map of Scandinavia: Gems and Precious Stones of North America, G. F. KUNZ, 521.

Miscellaneous Scientific Intelligence—Fall of Meteorites in Iowa, J. TORREY, JR., and E. H. BARBOUR: Orbit of the Meteor of May 2d, 522.

APPENDIX—List of papers by Professor Elias Loomis.

INDEX TO VOLUME XXXIX, 527.