NUMBER XXII.

ART. XXX.—On the nature and duration of the discharge of a Leyden Jar connected with an induction coil; by Ogden N. Rood. Part III. (To be continued.) ... 249

XXXI.—Notice of some New Tertiary and Post-Tertiary Birds; by O. C. Marsh, ... 265

XXXII.—On the Oviducts and Embryology of Terebratula; by Edward S. Morse, Ph.D. With Plate III. ... 262

XXXIII.—Erratum of the Errata, or “A Few Millions;” by Alfred M. Mayer, Ph.D., ... 264

XXXIV.—On some points in the Geology of the Southwest; by E. W. Higlard, ... 265

XXXV.—Contributions from the Sheffield Laboratory of Yale College. No. XXV.—Results of a Chemical Investigation of some Points in the Manufacture of “Malleable Iron;” by Russell W. Davenport, Ph.B., ... 270

XXXVI.—Descriptions of a few new species, and one new genus, of Silurian Fossils, from Ohio; by F. B. Meek, ... 274

XXXVII.—Discovery of a New Planet; by C. H. F. Peters, ... 281

XXXVIII.—Address before the American Association at its recent meeting in Dubuque, Iowa; by Asa Gray, ... 282

XXXIX.—Preliminary Description of New Tertiary Reptiles; by O. C. Marsh, ... 298

SCIENTIFIC INTELLIGENCE.

Chemistry and Physics.—Water not an Electrolyte, 310.—Further Examination of the new Platonic chloride, Norton: On the Formation of Choridal, Wurtz and Voogt, 312.—On a new Organic Base, obtained from Dulcite, Bouchardat, 313.


Astronomy.—Extract from the Address of Mr. De la Rue before the British Association, 324.—Report on Lunar Objects suspected of Change, Birt: Aurora Australis, 326.—Colours of the equatorial bands of Jupiter: The Object-glass of the Allegheny Observatory stolen: Erratum to Prof. Kirkwood’s Article, 327.


—Sir Andrew Smith: Delamay, 332.

APPENDIX.

Euclid’s Doctrine of Parallels; by A. C. Twining, ... 333

Notice of some Remarkable Fossil Mammals; by O. C. Marsh, ... 343

Notice of a New and Remarkable Fossil Bird; by O. C. Marsh, ... 344