

SCIENTIFIC AND LITERARY NOTES :

MINERALOGY AND GEOLOGY.	PAGE
Artificial formation of Specular Iron, Periclase, Rutile, &c	536
American Meteorites	300
Brucite	300
Calcite and Arragonite	300
Chrome Garnet	300
Coal Deposits of British Colonies in the South	479
Notes on Canadian Chloritoid ; by T. Sterry Hunt, M.A., F.R.S.	484
Notes on the Geology of the Townships of Windham and Middleton, County of Norfolk, C. W. ; by J. DeCew, P.L.S.	295
Quartz in Meteoric Iron	526
Rutile, Wolfram, Cerite	300
Staurolite	527
Tables for Calculating the Thickness, &c, of Inclined Strata	72
Unity of Geological Phenomena in the Planetary System of the Sun	525
SELECTED ARTICLES AND TRANSLATIONS :	
Agricultural Manufactures ; by S. Copland	463.
Note, On Regelation ; by Michael Faraday, D.C.L., F.R.S., &c.	54
Note, On the question, Can Soda replace Potash as a Manure ; by M. George Ville	50
Notes, On the apparent universality of a principle analogous to Regelation, on the physical nature of Glass, and the probable existence of Water in a state corresponding to that of Glass ; by Edward W. Brayley, Esq., F.R.S.	63
Observations on the existence of Mollusks and Zoophytes at great sea- depths ; by M. Milne Edwards	518
On the great fluctuations of Temperature in the Arctic Winter ; by J. J. Murphy, Esq.	520
On the Calorific Relations of Hydrogen and other Gases, abstract of a paper by Professor Magnus. Translated from Poggendorff's Annalen, No. 2. 1861.	383
On the Co-existence of Man with certain Extinct Quadrupeds, proved by Fossil Bones (from various Pleistocene deposits) bearing incisions made by sharp instruments ; by M. E. Lartet, Foreign Member of the Geolo- gical Society of London	368
Additional ; by the President of the Geological Society, L. Horner, Esq., 374,	375
On the Combustion of Rarified Air ; by Dr. Ed. Frankland, F.R.S.	380
On the Electricity of the Flames of Hydrogen and Alcohol, by M. Mateucci	385
On the occurrence of Fermentation-Producing Infusoria capable of living without free oxygen ; by M. C. Pasteur	456
On the occurrence of American birds in Europe ; by H. Gütke, of Heligo- land	459
On the Purification of the Juice of the Beetroot in the Manufacture of Beetroot Sugar ; by M. Emile Roussenu	292
On the Primordial Fauna and Point Levi Fossils ; by James Hall	284