CONTENTS.

I. On certain Products obtained in the Distillation of Wood, with some account of Bituminous Substances, and Remarks on Coal. By J. Mac Culloch, M.D. F.L.S. Chemist to the Ordnance, and Lecturer on Chemistry at the Royal Military Academy at Woolwich, and Vice-President of the Geological Society. p. 1

II. Mineralogical Account of the Isle of Man. By J. F. Berger, M.D. Member of the Geological Society. p. 29

III. On the Granite Tors of Cornwall. By J. Mac Culloch, M.D. F.L.S. Chemist to the Ordnance, and Lecturer on Chemistry at the Royal Military Academy at Woolwich, and Vice-President of the Geological Society. p. 66

IV. Notes on the Mineralogy of the Neighbourhood of St. David's, Pembrokeshire. By John Kidd, M.D. Professor of Chemistry in the University of Oxford, and Member of the Geological Society. p. 79

V. Account of the Brine Springs at Droitwich. By Leonard Horner, Esq. F.R.S. and Member of the Geological Society. p. 94


VII. On the Freshwater Formations in the Isle of Wight, with some Observations on the Strata over the Chalk in the South-east part of England. By Thomas Webster, Esq. Member of the Geological Society. p. 161
CONTENTS.

VIII. Remarks on the Vitrified Forts of Scotland. By J. Mac Culloch, M.D. F.L.S. Chemist to the Ordnance, and Lecturer on Chemistry at the Royal Military Academy at Woolwich, and Vice-President of the Geological Society. p. 255

IX. On the Sublimation of Silica. By J. Mac Culloch, M.D. F.L.S. Chemist to the Ordnance, and Lecturer on Chemistry at the Royal Military Academy at Woolwich, and Vice-President of the Geological Society. p. 275


XI. An Account of the Coalfield at Bradford, near Manchester. By Robert Bakewell, Esq. communicated to the Society by Dr. Roget, Member of the Geological Society. p. 282


XIII. On the Junction of Trap and Sandstone, at Stirling Castle. By J. Mac Culloch, M.D. F.L.S. Chemist to the Ordnance, and Lecturer on Chemistry at the Royal Military Academy at Woolwich, and Vice-President of the Geological Society. p. 305


XVI. A Description of the Oxyd of Tin, the production of Cornwall; of the Primitize Crystal and its Modifications, including an attempt to ascertain with precision, the admeasurement of the angles, by means of the reflecting Goniometer of Dr. Wollaston: to which is added, a series of its crystalline forms and varieties. By William Phillips, Esq. Member of the Geological Society. p. 336
CONTENTS.

XVII. On some new Varieties of Fossil Alcyonia. By Thomas Webster, Esq. Member of the Geological Society. p. 377

XVIII. Miscellaneous Remarks accompanying a Catalogue of Specimens transmitted to the Geological Society. By J. Mac Culloch, M.D. F.R.S. Chemist to the Ordnance, and Lecturer on Chemistry at the Royal Military Academy at Woolwich, and Vice-President of the Geological Society. p. 388

XIX. Remarks on several parts of Scotland which exhibit Quartz Rock, and on the Nature and Connexion of this Rock in general. By J. Mac Culloch, M.D. F.L.S. Chemist to the Ordnance, and Lecturer on Chemistry at the Royal Military Academy at Woolwich, and Vice-President of the Geological Society. p. 450

XX. Notice relative to the Geology of the Coast of Labrador. By the Rev. Mr. Steinhauer. p. 488

XXI. Memoranda relative to Clovelly, North Devon, By the Rev. J. J. Conybeare, Member of the Geological Society. In a Letter addressed to G. B. Greenough Esq. Vice-President of the Geological Society. p. 495

XXII. On Staffa. By J. Mac Culloch, M.D. F.L.S. Chemist to the Ordnance, and Lecturer on Chemistry at the Royal Military Academy at Woolwich, and Vice-President of the Geological Society. p. 501

XXIII. On Vegetable Remains preserved in Chalcedony. By J. Mac Culloch, M.D. F.L.S. Chemist to the Ordnance, and Lecturer on Chemistry at the Royal Military Academy at Woolwich, and Vice-President of the Geological Society. p. 510

XXIV. On the Vitreous Tubes found near to Drigg, in Cumberland. p. 528

List of Donations. p. 533

Index. p. 547