

## CONTENTS.

1885,		PAGE.
Address "On the Work and Progress of the Society." By the Marquis of Ripon, K.G. (the President) ... ..		3
"Notes on the Polyzoa and Foraminifera of the Cambridge Greensand." By Geo. R. Vine ... ..		10
"On the Origin of the Chalk Dales of Yorkshire." By J. R. Mortimer ...		29
"On the Contortions in the Chalk at Flamborough Head." By James W. Davis. (See Photographs) ... ..		43
"On some Sections at Cave and Drewton." By Rev. E. M. Cole, M.A. ...		49
"Note on Spirangium Carbonarium (Schimper)." By Rev. J. Stanley Tute ...		53
"Three new Species in the Yorkshire Lias." By W. Y. Veitch... ..		54
"Analysis of a Hydraulic Limestone Concretion from the Yorkshire Coast, with remarks on Concretions generally." By H. B. Stocks ... ..		55
"On Ice-grooved Rock Surfaces near Victoria, Vancouver Island: with notes on the Glacial Phenomena of the neighbouring region, and on the Muir Glacier of Alaska." By G. W. Lamplugh ... ..		57
"Notes on the Yoredale Polyzoa of North Lancashire." By G. R. Vine ...		70
"Note on Chlamydoselachus anguineus, Garman." By Jas. W. Davis ...		98
"On the Physical Geography and Geology of the East Riding of Yorkshire." By Rev. E. M. Cole ... ..		113
"Note on the Parallel Roads of Glen Gloy." By Rev. E. Maule Cole, M.A. ...		123
Secretary's Report and Balance Sheet ... ..		127
Minutes ... ..		132
Summary of Geological Literature for 1885, with addenda for 1884. By J. W. Davis ... ..		136
List of Members ... ..		138
1886.		
"On some remarkable properties of the characteristic constituents of Steel." By H. C. Sorby, L.L.D., &c. ... ..		145
"On Explosives used in Mining." By Joseph Mitchell, F.G.S. ... ..		147
"On a Concretion called Acrespire." By H. B. Stocks ... ..		149
"On the Microscopical Structure of Rocks." By Rev. J. Magens Mello, M.A. ...		151
"On Pre-historic Remains recently discovered in Wensleydale." By W. Horne ... ..		175
"Notes on the Polyzoa of the Wenlock Shales, &c." By George R. Vine ...		179
"On the Relative Age of the Remains of Man in Yorkshire." By James W. Davis, F.S.A. ... ..		201
"Abnormal Barometrical Disturbances in Yorkshire in 1883 and 1884." By Richard Reynolds, F.C.S. ... ..		214
"On the Habitation Terraces of the East Riding." By J. R. Mortimer, F.G.S. ... ..		221
"Notes on the Palæontology of the Wenlock Shales of Shropshire." By Geo. R. Vine ... ..		224
"Colliery Explosions and the Weather of 1885." Anon ... ..		248
"On some remains of Fossil Trees in the Lower Coal Measures at Clayton, near Halifax. (Photograph)." By James W. Davis, F.G.S. ... ..		253
"Notes on Ancient Coal Mining." By T. W. Embleton, M.E. ... ..		257
"On the Clayton Gill Beds." By Rev. J. Stanley Tute, B.A. ... ..		265
"On Safety Lamps." By Prof. Arnold Lupton, C.E., F.G.S. ... ..		268
"On the Exploration of the Raygill Fissure in Lothersdale." By James W. Davis, F.G.S. ... ..		280
"On the Discovery of a Stone Implement in Alluvial Gravels at Barnsley." By Samuel A. Adamson, F.G.S. ... ..		281
"A Sketch of the Pre-Historic Remains of Rombalds Moor." By John Holmes ... ..		283
Secretary's Report and Balance Sheet ... ..		316
Minutes ... ..		323
Summary of Geological Literature for 1885-6. By J. W. Davis. ... ..		328
List of Members ... ..		330

1887.		PAGE.
"On the larger Boulders of Flamborough Head. Part I." By G. W. Lamplugh	...	339
"Note on Dry Valleys in the Chalk." By Rev. E. Maule Cole, M.A., &c...	...	343
"Notes on the Classification of Cyclostomatous Polyzoa; old and new." By G. R. Vine	...	346
"On some Sections exposed in making the Skipton and Ilkley Railway." By S. A. Adamson, F.G.S.	...	363
"Notes on Flint-flake Implements found in the Isle of Man." By Jas. E. Bedford	...	369
"Yorkshire Petrology." By Thomas Tate, F.G.S.	...	372
"Report on the Buried Cliff at Sewerby, near Bridlington." By G. W. Lamplugh	...	381
"Note on a Fossil Species of Chlamydoselachus." By James W. Davis, F.G.S.	...	392
"Notes on the Distribution of the Entomostraca in the Wenlock Shales. Mr. Maw's Washings." By Geo. R. Vine	...	393
"On the occurrence of Quartzite and other Boulders in the Lower Coal Measures at Wortley, near Leeds." By Chas. Brownridge, F.G.S.	...	405
"On a Mammaliferous Gravel at Elloughton, in the Humber Valley." By G. W. Lamplugh.	...	407
"On the Ancient Flint-users of Yorkshire." By James W. Davis	...	411
"Note on the occurrence of Lingula in the Millstone Grit Series, West of Ripon." By Rev. J. S. Tute, B.A.	...	425
"On the Bronze Implements found in the East Riding of Yorkshire." By Thos. Boynton	...	426
"Notes on Discoveries of Bronze Implements, &c., in the West Riding." By Jno. Holmes	...	427
"On the Photograph of Cliff Sections at Hilderthorpe (The Photograph)." By G. W. Lamplugh	...	433
"On the Fossil Fructifications of the Yorkshire Coal Measures." By W. Cash, F.G.S.	...	435
"Report of the Jubilee Meeting of the Society at Ripon. Annual Report and Balance Sheet. Address by the Marquis of Ripon"	...	459
"The Relation between the Central Scientific Societies and Local ones." By Prof. J. W. Judd, F.R.S.	...	474
Minutes of Meetings	...	485
Summary of Geological Literature relating to Yorkshire, 1887. By James W. Davis	...	490
List of Members	...	492
Meteorological Tables. By John McLandesborough, F.G.S., and A. E. Preston, C.E.	...	...