

Mr. Pendarves, Dr. Robert Hodgson (Dean of Carlisle) Professor Sedgwick, Dr. Fitton, Mr. John Taylor, Mr. Lyell, Mr. Austen, Mr. Hamilton, the Marquis of Northampton, Dr. Horsfield, Dr. Pye Smith, Mr. Murchison, Mr. Greenough, Mr. Hallam, Mr. Lonsdale, Mr. De la Beche, Dr. Daubeny, Mr. Solly, and Viscount Cole.

The detailed study of Coal-fields, that had been commenced in the south-west of England and South Wales by Buckland and Conybeare, had now been carried on in other areas. The Ashby Coal-field of Leicestershire was illustrated in a volume by Edward Mammatt in 1834; the Coalbrookdale Coal-field was investigated by Prestwich, whose observations (communicated in 1834 and 1836) were embodied in his classic memoir published in the *Transactions* in 1838, when the author was twenty-six years of age; and in 1840 W. E. Logan¹ brought forward his famous observations on the occurrence of *Stigmaria* (roots) in underclay beneath the seams of coal in South Wales. The plant-remains referred to, *Stigmaria*, are now considered to belong to *Sigillaria* and other tree-like forms.

The Old Red Sandstone at this time attracted much attention, through the researches and writings of Hugh Miller (1802-1856). It is to be regretted that one who did so much to promote an interest in Geology, and to bring it within the domain of literature, was never a Fellow of the Society; but he was accorded an obituary notice in the *Quarterly Journal*. His discoveries of fossil fishes in the Old Red Sandstone of Cromarty were made known in 1840, and described in picturesque language in 'The Old Red Sandstone' (1841), a work referred to by Sir A. Geikie as 'the first and, in some respects, the freshest and most delightful of all his volumes.'² He attained fame and comparative comfort; whereas Robert Dick, of Thurso

¹ William Edmond Logan (1798-1875) was appointed in 1842 to direct a geological survey in Canada. In 1856 he received the honour of knighthood. See also pp. 42, 111, 217.

² 'Hugh Miller, his Work and Influence. An Address given at the centenary celebration of his birth,' 1902; reprinted in 'Landscape in History and other Essays,' by Sir A. Geikie, 1905, p. 257.