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**HENRY WOODWARD, F.G.S., F.Z.S.**

HONORARY MEMBER OF THE GEOLOGICAL SOCIETIES OF GLASGOW AND NORWICH; CORRESPONDING  
MEMBER OF THE NATURAL HISTORY SOCIETY OF MONTREAL; AND OF THE LYCEUM  
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ASSISTED BY

**PROFESSOR JOHN MORRIS, F.G.S., &c., &c.,**

AND

**ROBERT ETHERIDGE, F.R.S.E., F.G.S., &c.**

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<sup>1</sup> Roughly copied from the Geological Survey Map.—W.W.

## P R E F A C E.

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IN closing the Fifth Volume of the GEOLOGICAL MAGAZINE, we cannot omit to express our sincere thanks to our numerous friends, especially to those who have furnished the ORIGINAL ARTICLES, which, as a matter of course, are the very foundation of this volume. We welcome some as new Geological contributors, but the chief names are of old and valued supporters who have from the outset given us their aid.

Our volume for 1868 contains articles by Messrs. T. P. Barkas; Thos. Belt, C.E., F.G.S.; E. Billings, F.G.S.; W. Carruthers, F.L.S., F.G.S.; Thos. Davidson, F.R.S., F.G.S.; D. C. Davies; T. Davies; W. Boyd Dawkins, M.A., F.R.S.; C. E. De Rance; J. Evans, F.E.S., Sec. G.S.; R. Etheridge, F.R.S.E., F.G.S.; Miss Eyton; Rev. O. Fisher, M.A., F.G.S.; Messrs. David Forbes, F.R.S., F.G.S.; Archibald Geikie, F.R.S.L. & E.; James Geikie; J. R. Gregory; Prof. C. H. Hitchcock; T. McKenny Hughes, B.A., F.G.S.; Dr. T. Sterry Hunt, F.R.S.; Capt. F. W. Hutton, F.G.S.; Prof. T. H. Huxley, LL.D., F.R.S., President Geol. Soc.; Prof. T. Rupert Jones, F.G.S.; Messrs. J. Beete Jukes, M.A., F.R.S., &c.; G. H. Kinahan, F.R.G.S.I.; E. Ray Lankester, B.A.; H. Leonard, F.G.S.; J. Logan Lobley, F.G.S.; Dr. G. Lindström; Dr. C. Lütken; Messrs. D. Mackintosh, F.G.S.; G. Maw, F.L. and G.S.; C. J. A. Meyer; Prof. J. Morris, F.G.S.; Sir Roderick I. Murchison, Bart., F.R.S. &c.; Dr. H. A. Nicholson, M.B., F.G.S.; Messrs. S. R. Pattison, F.G.S.; C. W. Peach; John Ruskin, M.A., LL.D., F.G.S.; G. Poulett Scrope, F.R.S., F.G.S.; S. H. Scudder; H. G. Seeley, F.G.S.; S. Sharp, F.S.A., F.G.S.; Revs. W. S. Symonds, M.A., F.G.S.; J. S. Tute, M.A.; Messrs. J. F. Walker, B.A., F.G.S.; J. M. Wilson, M.A., F.G.S.; S. V. Wood, junr., F.G.S.; B. H. Woodward, &c.

Besides these, we are indebted for NOTICES and REVIEWS to many gentlemen whose names we have not authority to publish, but to whom we sincerely tender our thanks.

Nor have we failed to receive a goodly array of LETTERS, which, like the ORIGINAL ARTICLES, treat '*de omnibus rebus et quibusdam aliis*' in Geology and Palæontology, and, as far as our space has permitted, we have given to each and all a place. We must, however, again beg our Correspondents to make their letters as concise as possible, so as to allow of the insertion of as much variety both of matter and opinion as can be; bearing in mind that a single letter by its length often shuts out several other communications equally deserving of a place.

In the matter of Typography and Illustrations, the ARTISTS, PRINTERS, and PUBLISHERS have done their very best; and if only more Subscribers will lend us their aid, we promise them a hundred-fold in return.

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THE EDITOR.

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