

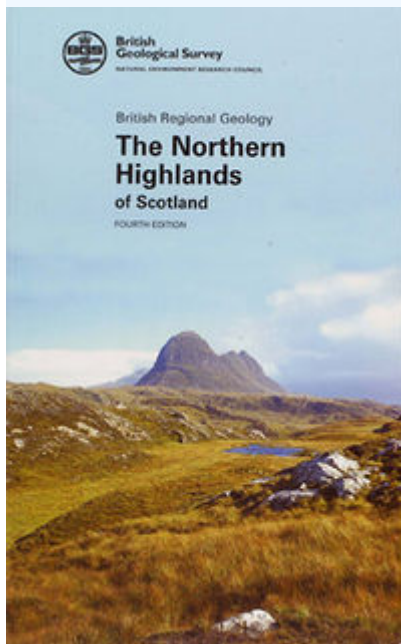
British regional geology: Northern Highlands of Scotland

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The British regional geology: Northern Highlands of Scotland has been converted to a series of articles for this wiki. The book is available for purchase at the [BGS Online Shop](#) Its full reference is:

Johnstone, G S and Mykura, W. 1989. British regional geology: Northern Highlands of Scotland. Fourth edition. Keyworth, Nottingham: British Geological Survey.



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Foreword to the fourth edition

The first edition of the Regional Handbook to the Northern Highlands was published in 1936; for the subsequent editions in 1948 and 1960 the text was updated, but not extensively revised. Since that time there has been a tremendous increase in research into all aspects of the geology of the Northern Highlands and it has become necessary to produce a completely new text. The present handbook gives a fuller treatment of the geology of the Outer Hebrides than the previous editions, and of the deep structures of the crust beneath the Northern Highlands. Unfortunately lack of space has permitted only brief references to the geology of the seas around northern Scotland; it is hoped that this will be treated in more detail in another publication.

The greater part of the handbook was written by Mr G. S. Johnstone, who is the author of Chapters 1, 3, 4, 6, 8, 9, 11, 12, 15, 16, and most of Chapter 7.

Dr W. Mykura wrote chapters 10 and 13, Ur J. D. Peacock Chapter 14, and Dr J. R. Mendum Chapter 5. Dr D. J. Fettes wrote most of Chapter 2 and the section on the metamorphic zones in Chapter 7, and Dr D. I. Smith contributed to the writing of Chapters 8, 9, 11 and 13. The account of seismicity

(Chapter 15) was written by Drs C. W. A. Browitt and R. M. W. Musson. The handbook was edited by Dr Mykura.

The authors wish to acknowledge the help received from their colleagues in BGS. Dr F. May read the chapters dealing with the Moine and its intrusions, Mr P. J. Brand checked the fossil names appearing in Chapters 4, 10, 12 and 13 and produced the fossil plates (Plates 24 and 25). The block diagram illustrating the palaeogeography of the Helmsdale Boulder Bed ([P915502](#)) is based on a diagram by Dr C. E. Deegan. Particular thanks are also due to Professor P. E. Brown, who made available his chapter on 'Caledonian and earlier magmatism' prior to its publication in 'The Geology of Scotland' (2nd Edition). Many of the figures in the text are based on ones published previously, and the authors thank the following for permission to use or adapt their diagrams: Dr A. D. Stewart ([P915465](#)), ([P915467](#)), ([P915468](#)), Dr G. E. Williams ([P915465](#)), Drs M. P. Coward and J. H. Kim ([P915469](#)), Drs J. A. Brewer and D. K. Smythe ([P915470](#)), Dr M. R. W. Johnson ([P915469](#)), Dr D. Powell ([P915474](#)), Drs D. Wilson, J. Shepherd and R. I. Harker ([P915478](#)), Professor I. Parsons ([P915481](#)), Dr R. N. Donovan ([P915489](#)), Dr J. M. Speight and others ([P915494](#) and [P915495](#)), Dr D. Evans and others ([P915496](#)), Dr R. Steel ([P915497](#)), and Dr R. M. Sykes ([P915499](#) and [P915501](#)).

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