

The Nature and Timing of
Orogenic Activity in the Caledonian Rocks
of the British Isles

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Preface

The maps (Plates 1–3) and the explanatory text which make up this memoir form an important part of the United Kingdom and Ireland contribution to International Correlation Programme Project 27 ‘The Caledonide Orogen’.

Project 27 which was initiated by Professor B. A. Sturt (Bergen) had as an early objective the production of maps which would aid correlation throughout the Caledonide/Appalachian orogen. Studies of the orogen have involved Sedimentation & Stratigraphy, Faunas & Floras, Volcanism, Plutonism, Metamorphism, Deformation and Cover–Basement relationships. Plates 1–3 of this memoir represent the UK and Ireland work on Plutonism, Volcanism, Metamorphism and Deformation. The different aspects of the orogen have been the responsibility of international working groups, who have determined internationally acceptable symbolisation and colours; Plates 1–3 conform to the schemes agreed.

The Appalachian orogenic zone of North America incorporates Alleghanian rocks. These are broadly coeval with the Hercynian rocks of the British Isles, and therefore are treated on the maps and in the text which comprise this memoir.

The authors of each section of the memoir acknowledge the help they have received from many workers in Britain and Ireland, and the names of those who have helped are listed at the end of each section.

I for my part am glad to acknowledge the help and encouragement received from Richard Hewish and Colin Earle of E.M.R. who produced the plates and from John Robson and the staff of Blackwells who are publishing the memoir for the Society.

A. L. Harris