

Ireland

by **Bernard E. Leake, P.W. Geoffrey Tanner**

**THE GEOLOGY OF THE DALRADIAN
AND ASSOCIATED ROCKS OF CONNEMARA,
WESTERN IRELAND**

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BOOK DETAILS

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This review of the geology of a classic area in the west of Ireland includes chapters on Dalradian stratigraphy and structure, syn-deformational magmatism, metamorphism, geochronology, and relationships with younger intrusions and cover rocks. It is accompanied by five colour-printed plates including a geological map of Connemara and geological cross sections and maps of Styne Head and Errismore, and gives accounts of other located exposures.

About the authors

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Bernard Elgey Leake BSc PhD (Liverpool) DSc (Bristol) DSc (Glasgow) FRSE FGS graduated in Geology in 1952 and started life-long research on the geology of Connemara, metamorphic and igneous petrology; amphiboles; 170 publications. Lecturer&Reader in Bristol University 1957&74; Professor of Geology & Honorary Keeper of the Geological Collections, Hunterian Museum, Glasgow University 1974&97 now Emeritus. Lyell Medal 1977; Research Fellowships: Leverhulme, 1955&7 Liverpool and 2000&2 Cardiff; Gledden 1986 Western Australia; Erskine 1999 Canterbury, New Zealand. President Geological Society 1986&88; Mineralogical Society 1998&99. Biographer JW Gregory FRS. Since 1997 Honorary Research Fellow, Cardiff University.

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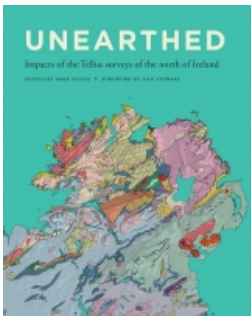
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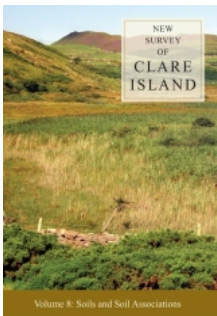
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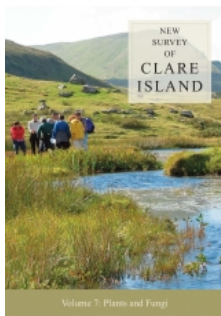
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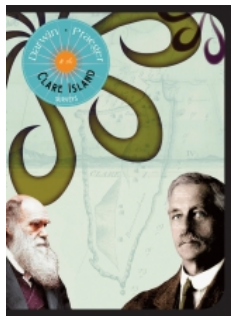
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Dalradian and Associated Rocks of Connemara, Western Ireland: a Report to accompany the. 1:63360 geological map and cross-sections.
Synopsis The Dawros–Currywongaun–Doughruagh Complex of NW Connemara comprises a deformed and metamorphosed suite of syntectonic mafic to ultramafic intrusions within folded, lower amphibolite grade metasediments of the Dalradian Supergroup. Field observations and thin-section petrography have identified examples of exceptionally well-preserved modal layering and primary igneous (cumulus) textures in central areas of two of the intrusions (Dawros and Currywongaun), together with macroscopic graded bedding, slump-ing, and scour structures that allow layer formation to be attributed to magmatic