

The Acadian Orogeny: Recent Studies in New England, Maritime Canada, and the Autochthonous Foreland

edited by **David C. Roy and James W. Skehan**, published by The Geological Society of America, Inc., 1993, 171 pages, ISBN 0-8137-2275-6.

Review by Christopher G. Kendall

This volume was developed as a result of a symposium held at the annual meeting of the Northeastern Section of the Geological Society of America. It puts together summaries of recent structural and stratigraphic studies of the Acadian orogen in central New Hampshire, eastern Maine, and Newfoundland. It also includes descriptions of the western structural "foreland" of southeastern Quebec, the Gaspé Peninsula, western Newfoundland, and the autochthonous foreland of the Appalachian Basin west of the range. The volume starts with the summary of the Acadian and its tie to Europe and North Africa. The paleogeography and accretionary history of the area has been put together using paleomagnetic and technostratigraphic data. There follow papers of discussions and studies of the sedimentary stratigraphy, biostratigraphy, and structural character of the region.

The book is well illustrated with both photographs and line drawings of maps and cross sections and stratigraphic charts. It is well referenced and timely and should be of use to geologists and geophysicists interested in the northeastern continental margin of North America on the Canadian U.S.A. border. The studies in this text concentrate on results from surface mapping of Acadian orogenic events. This is a good book to have in your personal library if you are studying or involved with studies in this area. It is professionally put together and is full of information and should be certainly in you company or school library as a reference text.