The *Scottish Journal of Geology* continues the *Transactions of the Edinburgh Geological Society* and the *Transactions of the Geological Society of Glasgow*, and is sponsored by the councils of the two Societies. It contains three parts per volume. The *Journal* is sent to members of both societies. Details of membership may be obtained from the secretaries, whose names appear below.

Certain back numbers of the *Trans. Edinb. Geol. Soc.* and the *Trans. Geol. Soc. Glasg.* are still available. A list of the prices and parts may be had on application to Scottish Academic Press Ltd., 33 Montgomery Street, Edinburgh, EH7 5JX.

The Societies gratefully acknowledge financial help from the Carnegie Trust and the Kilwarlin Trust. Contributions or legacies to assist towards the cost of publication of the *Journal* would be welcomed by the Editorial Board.

**Editors**

Iain Allison
Gordon M. Biggar
Stewart Brown
Nigel G. T. Fannin

Jeremy Hall
Alan W. Owen
David K. Smythe
Nigel H. Trewin

Douglas Grant

**Secretaries of Societies**

**EDINBURGH**

A. A. McMillan, British Geological Survey
Murchison House
West Mains Road, Edinburgh EH9 3LA

**GLASGOW**

M. C. Keen, Department of Geology
University of Glasgow
Glasgow G12 8QQ

**Front Page Illustration**

The cover of the Journal in this 150th anniversary year of the Edinburgh Geological Society is a recent artist's impression by John McWilliam. It shows the well known Edinburgh skyline, before development of the city intruded upon the scene, with the remains of the early Carboniferous volcano of Arthur's Seat and the striking line of the mid Carboniferous teschenite sill forming Salisbury Crags.

Copyright © Scottish Journal of Geology 1985
Reproduction of authors' summaries is authorised

Prices for non-members: Volume subscription £50.00—Single copies £15.00