In the chapter on Dalradian, in particular, the regional metamorphism and its time-relation to deformations have been cogently summarized. Walton's accounts of Lower Palaeozoic stratigraphy (Chapter 5), and structure and palaeogeography (Chapter 6) are very detailed indeed. Some magnificent photographs of 'pipe rocks', stromatolites, chert nodules, sole markings, and folds of different types adorn these chapters. Although Walton's stratigraphic descriptions are followed by a synthesis of Lower Palaeozoic structure and palaeogeography, and Mykura's discussions (Chapter 8 – Old Red Sandstone) deal with conditions of deposition, palaeogography etc., the picture of depositional environment may still remain somewhat hazy to a student not very familiar with the details of Scottish stratigraphic divisions. Francis' Chapters on the Carboniferous System and Carboniferous-Permian igneous rocks are detailed accounts of the stratigraphy and palaeogeography of the Carboniferous, and of the igneous activites during those periods. Recent work on trace elements, seismic data and radiometric ages have been brought to bear on the evolutionary history of the igneous rocks. The Chapters on Permian and Triassic by Lovell, and on Jurassic-Cretaceous-Tertiary sedimentary rocks by Hallam are comparatively short. But Lovell's Chapter provides some synoptic palaeogeographic maps from Early Permian to Rhaetian. The Chapter on Tertiary igneous activity by Emeleus deals with some of the most famous igneous bodies such as those of Ardnamurchan, Arran, Mull and Skye. Together with a few beautiful photographs, there are up-to-date structural and gravity anomaly maps. A discussion of both ferrous and non-ferrous metals, and of fossil fuels by Duff (Chapter 15 – Economic Geology) has added to the usefulness of the book. A geological-cum-tectonic map of Scotland as frontispiece, and a map of the continental shelf of the British Isles showing the locations of oil and gas fields, are additional attractions.

In Summary, *Geology of Scotland* is one of the finest accounts of geology of a country which has given birth to many ideas of geology, and no library can afford to exclude it from its shelves.

K. NAHA
S. SENGUPTA

Announcements

STRUCTURAL METHODS FOR PROFESSIONAL GEOLOGISTS

A two-week course on 'Structural Methods for Professional Geologists' is being organized at the Indian School of Mines, Dhanbad from November, 11-23, 1985. The course is meant for geologists working in professional organisations, mining and exploration companies

Further details can be obtained from:

Prof. D. Mukhopadhyay,
Department of Applied Geology,
Indian School of Mines,
Dhanbad 826004.

FOURTH SEMINAR CUM WORKSHOP ON SOLID STATE NUCLEAR TRACK DETECTORS: APPLICATION TO EARTH SCIENCES

28th - 30th October, 1985

The Wadia Institute of Himalayan Geology is planning to hold a Seminar-cum-Workshop on 'Solid State Nuclear Track Detectors: Application to Earth Sciencs'. This will be the fourth in the series (the earlier ones organized at BARC, Bombay in 1979, PRL, Ahmedabad in 1981, GND University, Amritsar in 1983) and will bring together once again the Indian scientists involved in the use and application of nuclear track techniques in various disciplines of basic and applied research. It is hoped that some active workers from India and abroad would participate in this seminar and present invited papers.

Besides the major theme papers can also be presented on the following topics:

(i) Basic studies: Track formation mechanisms and modelling.
(ii) Application to: Nuclear Physics, heavy ion physics, cosmic rays, space physics, elementary particles etc.
(iii) Application to: Micro analysis.
(iv) Application to: Radiation dosimetry, environmental sciences and life sciences.
(v) Educational aspects on the principles and uses of SSNTDs
(vi) New detectors and experimental techniques.
(vii) Innovations in SSNTDs techniques and applications.

For further particulars contact:

Dr. K. K. Sharma, *Convenor*
Wadia Institute of Himalayan Geology
33, General Mahadeo Singh Road
Dehra Dun 248 001.

SEMINAR ON EVOLUTION OF THE PRECAMBRIAN CRUST IN THE ARAVALLI MOUNTAIN BELT

27–30 January, 1986

A seminar on 'Evolution of the Precambrian crust in the Aravalli Mountain Belt' will be held at the Department of Geology, University of Rajasthan, Udaipur, from 27th January to 30th January, 1986, under the joint auspices of the Department of Geology, University of Rajasthan and the Geological Society of India. Contributions are invited on: (i) regional stratigraphic framework, sedimentation and palaeogeography, (ii) deformation pattern and tectonic history, (iii) metamorphism and magmatic history, (iv) metallogeny and controls of mineralization, and (v) basement - cover relations, isotopic geochronology and tectonic models. Selected papers will be published as a special volume of the Geological Society of India. Contributors are requested to keep the format of the Journal of the Geological Society of India in mind while preparing the manuscript. All papers will undergo peer review. The final deadline for submitting full papers with 3 copies of abstracts is 15th October, 1985. Travelling assistance etc., may be provided to a few participants on availibility of funds.

For further details, please contact:

Dr. A. B. Roy,
Organizing Secretary,
Department of Geology,
University of Rajasthan,
Udaipur 313 001.