

## New Books

- Basic Analytical Petrology.** PAUL, C. RAGLAND (1989) *Oxford Univ. Press, New York.* 369 pp. Paperback \$ 19.95.
- Dinosaur Tracks and Traces.** GILLETTE, D. D. and LOCKBY, M. J. (Eds.) (1989) *Cambridge Univ. Press, New York.* 454 pp. \$ 54.50.
- Geochronology and Thermochronology by the  $^{40}\text{Ar}/^{39}\text{Ar}$  Method.** IAN McDUGALL and MARK HARRISON, T. (1988) *Oxford Univ. Press, New York.* 212 pp. \$ 55.
- Geological Structures.** ROBERTS, J. L. *Macmillan Field Guide Series.* Macmillan. £ 12.95.
- Geological Structures and Maps—A Practical Guide.** RICHARD J. LISLE. *Pergamon Press, New York.* 150 pp. \$ 35.
- Magnetostratigraphy.** HAILWOOD, E. A. (1989). *Blackwell Scientific Publications, Oxford.* 88 pp. \$ 17.50.
- Mass Extinctions: Processes and Evidence.** STEPHEN K. DONOVAN (Ed.) (1989). *Columbia Univ. Press, New York.* 266 pp. \$ 45.
- Paleomagnetology.** KHRAMOV, A. N. (1987). *Translated from 1982 Russian Edition, Springer Verlag.* 308 pp. \$ 107.50.
- Quaternary Type Sections: Homogenation or Reality.** ROSE, J. and SCHLOCHTER, C. (Eds.) (1989). *Balkema Brookfield V.T.* 208 pp. \$ 48.
- Sedimentologic Consequences of Convulsive Geologic Events.** CLIPTON, H. E. (Ed.). *Special Paper 229, Geological Society of America.* 157 pp. \$ 25.00.
- Seismic Tomography and Mantle Circulation.** O'NIONS, R. K. and PARSONS, B. (Eds.) (1989). *Royal Society, London.* 152 pp. £ 37.50.
- The Behaviour of the Earth: Continental and Sea-floor Mobility.** CLAUD ALLEGRE (1988). *Harvard University Press.* 272 pp. £ 27.95.

## Recent Additions to the Geological Society of India Library

- All India Coordinated Project on the Study of Seismicity and Seismo-tectonics of the Himalayan Region: Highlights, Scientific achievements and infrastructure created.** (1989) *Department of Science and Technology.* 52 pp.
- An Overview of quality of life in rural India.** BOSE, P. K. (1990) *Committee on Science and Society, Indian Science Congress, Cochin.* 12 pp.
- Clastic Depositional Sequences: Processes of evolution and Principles of Interpretation.** FRASER, C. S. (1989) *Prentice Hall.* pp. 459.
- Environment and Physiology of Fossil Organisms.** *Trans. Roy. Soc. Edinburgh. Earth Sciences Vol. 80, part 3 and 4, pp. 169-329.*
- Geology and Petrology of the Lower Tertiary Plateau basalts of the Scoresby Sand region East Greenland.** (1989) *Gronlands Geologiske Undersogelse. Bull. 157, 164 pp.*
- Hydrogeology in service of Society.** PATHAK, B. D. (1990) *Presidential address. Section of Geology and Geography, Indian Science Congress, Cochin 17 pp.*
- Hydrology of the Floridan Aquifer System in Southeast Georgia and adjacent parts of Florida and South Carolina.** (1989) *USGS Water Supply Paper, 1403-D.*
- On the track of Early Man in Western Sub-Himalaya.** MOHAPATRA, G. C. (1990) *Presidential address. Section of Anthropology and Archaeology, Indian Science Congress, Cochin.*

- Science in Society. YASH PAL, (1990) *Presidential address. Indian Science Congress, Cochin.* 28 pp.
- Sea Floor Hydrothermal Mineralization. BANETT, T. J. and JAMBOR (Eds.) (1988) *Canadian Mineralogist. Vol. 26, 429-488 pp.*
- The Occurrence and Geochemistry of Salty Ground Water in the Northern Atlantic Coastal Plain. (1989) *USGS Prof. Paper 1404-D. 1-50 pp.*

## Interesting Papers in other Journals

### Bulleten Geol. Soc. France

8 Serie, Vol. 5, No. 5, September-October 1989

- MARTINEZ, L. J. CONNAN, J. The primary migration of hydrocarbons approached by organic geochemical and petrological integrated studies on source rocks heated *in Vitro* (in French), pp. 937-950.
- FIKRI, A. and OTHERS. Contribution to the petrologic study of organic matter in phosphorites. New methodologique approaches (in French), pp. 979-987.
- MEUNIER, J. D. and OTHERS. Relationships between uranium and organic matter in the Contras uranium deposit (Gironde, France), pp. 989-992.
- EVANS, G. The Control of source and Climate on coastal facies and their associated economic deposits: is there a rationale? pp. 1055-1064.

### Geology Today

Vol. 5, No. 1, January 1989

- RANKIN, A. H. A new look at ancient fluids in crystals, pp. 21-24.

Vol. 5, No. 2, March 1989

- CARTER, B. Rising sea level, pp. 63-67.

Vol. 5, No. 3, June 1989

- BURGESS, W. G. Geothermal Energy, pp. 88

Vol. 5, No. 6. December 1989

- ANON INDIA : Palaeontological fraud, Pt. 2. pp. 190-191.

### Geology

Vol. 17, No. 9, September 1989

- VVEEVERS, J. J. Middle/Late Triassic ( $230 \pm 5$  Ma) singularity in the stratigraphic and magmatic history of the Pangean heat anomaly, pp. 784-787.
- BARLEY, M. E. and OTHERS. Late Archaean convergent margin tectonics and gold mineralization: A new look at the Noiseman-Wiluma Belt, Western Australia, pp. 826-829.
- MCGOWRAN, B. Silica burp in the Eocene Ocean, pp. 857-860.

### The Journal of the Geological Society

Vol. 147, Pt. 1, January 1990

- WRIGHT V. P. and ALONSO ZARZA, A. M. Pedostratigraphic models for alluvial fan deposits. a tool for interpreting ancient sequences, pp. 8-10.