

INDUSTRIAL MINERALS By R. K. Sinha, Oxford and IBH Publishing Co., 17 Park Street, Calcutta 16, (1982) p. 480, Price Rs. 75/-

R. K. Sinha's new book on Industrial Minerals specially written for students in India is a welcome addition to the very limited number of books dealing with the economic mineral resources of the country. The arrangement adopted is alphabetical commencing with apatite and ending with zircon. Information on mode of occurrence, industrial application, mining and processing, domestic and world resources are given for most of the minerals. Specifications for industrial use and production statistics are furnished in respect of the more important industrial minerals. The period covered is to end of 1979.

In the introduction the author has claimed that the country possesses adequate resources not only sufficient for domestic requirement but also cater to the world's needs! Catering to the World's need is a very tall order and such exaggerated statements are not warranted. Compared to World standards production of industrial minerals in India is quite low, although there is considerable scope for development.

It would have been better if the author had provided some useful data on mineral trade – i.e. the extent of our mineral exports and our dependence on mineral imports. We would also liked to have a more detailed account of the mode of occurrence of Indian mineral deposits illustrated with informative sketches and photographs. As it is, the illustrations included in the book—an electron photograph of diatomite and a picture of wollastonite mining can hardly be considered as representative of the mineral industry. The list of references for further reading is not well chosen and is wholly inadequate. Too frequent use of abbreviations like DB, OMC, RIMDC, FC, RHC, ACC, OPC, TISCO, SRC, PPC and the like have been made. These carry no meaning to a student.

But for these shortcomings which can be removed in a subsequent edition, the book is a useful compilation giving information of value relating to the industrial minerals of India and should find a place in all school and college libraries.

B. P. R.

ANNOUNCEMENTS

SYMPOSIUM ON RESOURCES SURVEY FOR LANDUSE PLANNING AND ENVIRONMENTAL CONSERVATION

October 20-22, 1982

The main objective of the symposium is to evaluate the natural resources available namely : land, minerals, water, plants and soil using modern methods of aerial photointerpretation and remote sensing techniques for effecting economy, speed and accuracy and to see how these resources can be put to appropriate use giving benefits to the local inhabitants and at the same time providing a healthy environment to live in. The symposium aims at highlighting the importance of effective landsue planning based on integration of existing resources and to develop methodology for such planning which is acceptable to the planners as well as to the people.

All correspondence related to the Symposium may be addressed to :

Prof. D. P. Rao
Organising Secretary (ISPI & RS)
Indian Photo-interpretation Institute, (NRSA)
4, Kalidas Road, P.B. No. 135
Dehra Dun-248 001, India

**SEMINAR ON
'INDIAN LITHOSPHERE: STRUCTURE AND EVOLUTION'**

December 1-3, 1982

The Department of Geology, University of Poona will be organising, under the auspices of the Indian National Committee for the Inter-Union Commission on the Lithosphere, a Seminar on '*Indian Lithosphere: Structure and Evolution*' from 1st to 3rd, December, 1982. The main objective of the Seminar is to take stock of the present status of research on the Indian lithosphere and to formulate programme of future studies.

Papers are invited for the Seminar on the following areas of studies that have been identified by INC-ICL.

1. The orographic trijunction of Northeastern India. 2. The nature of the plate boundary in the Andaman-Nicobar belt. 3. The evolution of the Himalayan Province. 4. Geodynamics and evolution of the Indus-Tsangpo Suture Zone. 5. Mantle uprising hot spots, triple junctions and aulacogens in the Indian shield. 6. The Son-Narmada belt. 7. Evolution of the western continental margin of India. 8. Evolution of the greenstone-tonalite and granulite belts of the South Indian craton. 9. Evolution of the Aravalli orogenic belt. 10. Evolution of the continental nucleus of Bihar-Orissa. 11. Lineaments of South Indian shield. 12. Geodata banks and data exchange. 13. Quantitative Geomodelling.

Abstracts of papers to be presented at the Seminar should be sent to Prof. K. B. Powar, Department of Geology, University of Poona, Pune-411007 by 30th September, 1982. Full papers (in duplicate) complete in all respects, should reach the organiser by 31st October, 1982.

**INSTITUTE ON THE SCIENTIFIC AND INDUSTRIAL APPLICATIONS OF
ORE MICROSCOPY**

December 6-24, 1982

A UGC sponsored Institute on the Scientific and Industrial Applications of Ore Microscopy will be held at the Indian School of Mines at Dhanbad from 6th December to 24th December, 1982. The objective of the Institute is to provide an opportunity of learning advanced techniques of ore microscopy to teachers and research workers, particularly from the post-graduate teaching departments of Indian Universities and other Earth Scientists.

All further enquiries and applications, may be addressed to Professor O. P. Varma, Professor of Geology and Institute Director, Department of Applied Geology, Indian School of Mines, Dhanbad - 826 004.

**AN INTERNATIONAL CONFERENCE ON THE PROTEROZOIC
LUSAKA, ZAMBIA, 11-13, APRIL 1983**

The Proterozoic occupied a significant time interval in the evolution of the Earth. It is the aim of Proterozoic 83 to provide an international forum for a global review of Proterozoic.

The following topics are intended to be covered by the conference:

1. Palaeogeography and palaeoenvironments, 2. Stratigraphy and correlation
3. Sedimentology and diagenesis, 4. Magmatism, geochemistry and geochronology
5. Mineralisation, 6. Orogenic and tectonic processes.

Conference sessions will be held on 11, 12 and 13 April 1983. There will be pre-symposium excursions of tourist interest, and a post-symposium geological excursion.

All enquiries should be addressed to: The Organizing Secretary, Proterozoic 83 Geological Society of Zambia, P.O. Box 50135, Lusaka, ZAMBIA.