

## BOOK REVIEWS

*INTRODUCTION TO PETROLOGY*, by B. BAYLY, Prentice-Hall, New Jersey, 1968, 371 pages, 131 figures, 16 tables, \$9.95.

This is an elementary text-book suitable for students in high school or junior college who do not intend to specialize in the subject. It is reasonably extensive in treatment, and deals with 1) general aspects of the crust, 2) forms, textures and classification of igneous rocks, 3) binary and ternary phase diagrams, 4) melting and cooling of magmas, 5) classification and formation of sedimentary rocks, 6) metamorphic processes, 7) reactions and products of metamorphism, 8) formation of veins, and 9) appendices consisting of a few more advanced aspects of nomenclature, normative compositions, and ternary phase relationships.

The treatment of the subject matter is mostly non-mathematical, except for a few cases which are not treated thoroughly enough to be of any use, and which an instructor could eliminate quite easily. Some parts are condensed somewhat too much, such as that on binary systems, but if the reader already has had a course in physical chemistry, this defect would not be serious. Appendix six (references and further reading) does not include relevant monographs such as by Krauskopf (1967): *Introduction to Geochemistry*; Barnes (1967): *Geochemistry of Hydrothermal Ore Deposits* (1967); and Smith (1963): *Physical Geochemistry*. No Russian papers or monographs are listed.

June 10, 1969

F.G.S.

## NOTICE OF MEETINGS

*Symposium on hydrogeochemistry and biochemistry*, Tokyo, Sept. 7-12, 1970. For information, write to Dr. K. Sugawara, Sagami Chemical Research Centre, 3100 Onuma, Sagamihara-Shi, Kanagawa Pref., Japan.

## PUBLICATIONS RECEIVED

*REVIEW OF THE MINERAL INDUSTRY IN TANZANIA FOR THE YEAR 1967*. Mineral Resources Division, Ministry of Commerce and Industries, Dodoma, Tanzania, March 22, 1968, pp. 4, no cover.