

BOOK REVIEWS

HINTZE (CARL) [1851-1916]. *Handbuch der Mineralogie*. CHUDOBA (KARL F.) *Gesamtregister für die Bände I/1-4 und II sowie Ergänzungsbände I, II, und III*. Berlin (Walter de Gruyter & Co.), 1971, pp. xii+1-145. Price 138 DM.

The last index to Hintze's Handbook was prepared by Dr. Chudoba in 1939, and covered the main text (1889-1933) and the first *Ergänzungsband* (1938). The second (1960) and third (1968) *Ergänzungsbände* were separately indexed. The present work is a very thorough collective index and carries appreciably more detail in the way of synonymy, etc., than before. Although expensive, it is a 'must' for all owners of the Handbook and is well bound in brown half-leather.

P. G. EMBREY

PARK (C. F., Jr.) and MACDIARMID (R. A.). *Ore deposits*, 2nd edition. San Francisco (W. H. Freeman & Co.), 1970. xvi+522 pp., 159 figs. Price £4.60 (\$11.00).

The second edition of this medium-priced book retains the logical layout of the first (*M.M.* 37-634), describing the genesis of ore from fluids (magmatic, metamorphic, or meteoric), classification, and individual ore deposits that illustrate the various categories of Lindgren's classification. The book has been updated largely by the insertion of paragraphs précising relevant recent work, which add to the comprehensive discussion; the bibliography also has been substantially enlarged.

An additional short chapter, entitled 'Metallogenic Provinces and Metallogenic Epochs', gets involved with problems of definition and speculation as to their possible genetic significance. The empirical use of metallogenic provinces in the geochemical prospecting of large tracts of virgin territory is dismissed in a sentence, despite being the most significant economic application of the concept, regardless of definition.

The addition of descriptions of Palabora and of Jamaican bauxite, as examples of magmatic segregation and weathering deposits respectively, are clear, concise, and very informative. The Palabora deposit is particularly well illustrated by diagrams showing the distributions of copper, phosphorus, iron, and titanium with lithology in the complex pipe.

The book retains the coverage of subject and impartiality of the first edition with improvement in the clarity of the illustrations. It should acquaint the student not only with the essentials of metalliferous economic geology but also with the ranges of opinion, controversy, and animosity in the subject.

R. J. L. C.

BOTTLEY (E. P.). *Rocks and minerals*. London (Wiedenfeld and Nicholson: Pleasures and Treasures series), 1969. 120 pp., 112 photographs (24 in colour). Price £1.50.

This is a slim 'coffee table' book covering physical geology, descriptions of rocks and minerals, and geological history. It is illustrated by half-tone and colour photo-