

of investigation in applied geochemistry covers geochemical prospecting, the geochemistry of mineral deposits, isotope geochemistry (including age determination), and the geochemistry of individual minerals, each section having a full bibliography. A final chapter lists various units of measurement and their abbreviations.

A minor but infuriating editorial failure in this book is the inclusion of references in the captions to figures and in tables that are not to be found in the bibliographies. The choice of literature is distinctly East European but, with fore-knowledge of this, the book may provide a way in to that part of the literature of geochemistry not adequately appreciated in the West. For more modern geochemical data the inquirer could do worse than consult recent volumes of *Chemical Abstracts* or *Mineralogical Abstracts*.

R. A. H.

PIES (W.) and WEISS (A.). *Crystal structure data of inorganic compounds. Part a: Key elements F, Cl, Br, I (VII. Main group) halides and complex halides* (Landolt-Börnstein: Numeral Data and Functional Relationships in Science and Technology. New Series. Group III: *Crystal and solid state physics*, vol. 7). Berlin, Heidelberg, & New York (Springer-Verlag), 1974. xxxii+647 pp. Price DM 436.00 (\$178.80).

This is a very old-established and respected encyclopedic collection of data. It has many good points; for example, polymorphs are grouped together and transformation temperatures are quoted, while there are always sufficient details to enable the reader to see whether he wishes to go to any source publication. However, references are not given in this volume, and the reader has to wait for the publication of Part g for these. Similarly, there is no index in this volume and for this the reader has to wait for Part h.

This volume is beautifully printed by traditional type-setting, which is now, unfortunately, very expensive in time, labour, and money. It would be expected that such data would now be handled by computer and directly printed out.

In making such data available there is repetition of effort with other publications. In the Preface the following sentence occurs, 'This volume like all other volumes of Landolt-Börnstein has been published without financial support from any outside source.' It would seem natural to suggest that this enormous mass of data would best be published only once by international co-operation and with an adequate subsidy.

N. F. M. H.

MACKENZIE (W. S.) and ZUSSMAN (J.), Editors. *The feldspars. Proceedings of a NATO Advanced Study Institute Manchester 11-21 July 1972*. Manchester (Manchester Univ. Press) and New York (Crane, Russell, & Co., Inc.), 1974. xii+718 pp., 262 figs. Price £9.00.

The proceedings of the first NATO Advanced Study Institute on Feldspars, held in Oslo in 1962 under the direction of Professor T. F. W. Barth, were published in a special issue of *Norsk Geologisk Tidsskrift*. Here in this volume are presented the