

Book review

Boron compounds. Main lectures presented at the International Meeting on Boron compounds. Castle Liblice. Prague, 21–25 June 1971; ed. by B. Štíbr, Butterworths, London, 1972, vi + 103 pages; £3.10.

This volume presents in hard-covers material which has already been published in *Pure and Applied Chemistry*, 29(1972) No. 4. It consists of the Main Lectures delivered at the 1971 I.U.P.A.C. International Meeting on Boron Compounds, viz. (a) Bonding in boron hydrides by W.N. Lipscomb; (b) Some recent advances in the chemistry of dicarbocloso-dodecaboranes by L.I. Zakharkin; (c) The cyclic hydroboration of dienes. A simple convenient route to heterocyclic organoboranes by H.C. Brown and E. Negishi; (d) Recent developments in the chemistry of polyhedral complexes derived from metals and carboranes by M.F. Hawthorne; (e) Carborane polymers by Robert E. Williams; and (f) *nido*-Metalloboranes by E.L. Muetterties.

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Sulfur in Organic and Inorganic Chemistry, Vol. 2; ed. by A. Senning, M. Dekker, New York, 1972, xiv + 360 pages; \$33.00 (\$27.00 by subscription to series).

This book is noted here because its predecessor in the series was reviewed, but no chapter in this volume is directly concerned with organometallic chemistry. Some parts will undoubtedly be of interest to some organometallic chemists; one example is the chapter entitled "Bond energy terms in the chemistry of sulfur, selenium, tellurium" by D.A. Johnson.

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Organic Selenium and Tellurium Chemistry; ed. by Y. Okamoto and W.H.H. Günther. (Annals of New York Academy of Sciences, Vol. 192), New York, 1972, 226 pages, \$21.00.

This monograph, which was published with financial aid from the Selenium and Tellurium Development Association, Inc., contains 23 papers presented at the International Conference on Organic, Selenium and Tellurium Chemistry held by the New York Academy

J. Organometal. Chem., 46 (1972)

of Sciences on March 22nd and 23rd 1971. The papers are divided into three sections, *viz.* (i) Synthesis and properties of organic selenium and tellurium compounds, (ii) Characterization and physical properties of organic selenium and tellurium compounds, and (iii) Biological aspects of organic selenium and tellurium compounds. Most of the papers concern compounds containing C—Si or C—Te bonds, but some do not; for example, a paper entitled "The oxidative rearrangement of ketones to carboxylic acids" deals with the use of selenium dioxide and selenic acid as oxidation catalysts.

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