

clearly described and evaluated. Indeed the chapter should probably have appeared as a separate book, since somewhat hidden away as a section in this series it may not get the use it deserves. Its special interest to organometallic chemists lies mainly in the thorough accounts of mercuration and of the electrophilic cleavages of bonds between aryl groups and magnesium, boron, silicon, germanium, tin, lead, and mercury.

The volumes are well produced, and contain good subject indexes, but no author indexes. The prices are normal for reference works by present day standards, and the whole series should be high on the priority list for the libraries of the great majority of centres of chemical research.

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Organometallic Compounds. Methods of Synthesis, Physical Constants and Chemical Reactions. 2nd Edition. Vol. 3. Compounds of Arsenic, Antimony, and Bismuth. First Supplement, covering the literature from 1965 to 1968; Ed. by M. Dub, Springer-Verlag, Berlin/Heidelberg/New York, 1972, xxi + 613 pages, DM 78.20 (ca. US \$24.80).

This supplement surveys the literature and patents covered in Volumes 62–69 of Chemical Abstracts, and includes some references from Volumes 60 and 61 which were omitted from the original series. (The information is, however, mainly taken from the original publications not the abstracts.) As is pointed out in the Preface that the increase in the output of chemical information is such that this supplement, dealing only with the period 1965–1968, includes almost three-quarters as many references as the main volume, which covered the period 1937–1964.

All purchasers of the original volumes in this most useful set [see *J. Organometal. Chem.*, 16 (1969) 519] will want this supplement, which is most reasonably priced for its size and nature, and for specialists in the field of organometallic chemistry of arsenic, antimony and bismuth it will be a most valuable reference work even in isolation. But its usefulness is certainly not confined to organometallic chemists primarily interested in these elements, since the coverage includes arsine, stibine, and bismuthine derivatives of main group and transition elements.

Supplements to Volumes I (Transition Metals) and (II) (Germanium, Tin and Lead) are in preparation.

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