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### Book review

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*Journal of Organometallic Chemistry Library 3 and 5, "Organometallic Chemistry Reviews"*; both volumes edited by D. Seyferth, A.G. Davies, E.O. Fischer, J.F. Normant and O.A. Reutov, Elsevier Scientific Publishing Company, Amsterdam, 1977. Volume 3: viii + 342 pages, Dfl. 103.00. Volume 5: viii + 320 pages, Dfl. 134.00.

These hard cover books, produced by direct photoreproduction, were both published in 1977. They represent respectively the second and third collection of subject reviews which previously would have been found in the *J. Organometal. Chem.* In the former volume, the publishers have indicated dates when manuscripts were received (between 11th November, 1975 and 3rd March, 1976) and it is surprising that, despite their production method, there should be substantial delay before the appearance of the monograph. In the latter volume, the publishers no longer show the date of receipt of manuscripts.

Taking the two books as a group, a substantial contribution comes from Alexandrov and Maslennikov, who review the organic peroxides of the Main Group II (78 references) and Group III (103 references) elements (there is an error in the contents page of Volume 3, which incorrectly shows that both the chapters deal with Group II) and, in Volume 5 (with V.P. Sergeeva), of the Main Group V elements (73 references). Their work in this field is well-known and the articles are authoritative.

The most detailed of all the chapters is that by Lukevics, Belyakova, Pomerantseva and Voronkov (179 pages, more than half of Volume 5) which is a timely and detailed review of hydrosilylation with more than 1800 references, many from the patent literature. Although there are isolated citations even to papers in 1976, the impression is that, apart from Soviet sources, the work covers mainly the period 1964—1974; essentially the paper is an up-dating of the monograph by E. Lukevics and M.G. Voronkov on "Hydrometallation" (Riga, 1964). It is a far more useful survey than the rather terse article by Lukevics in *Russian Chem. Rev.*, 46 (1977) 264.

Other valuable papers deal with 'The organometallic chemistry of the alkaline earth metals' by B.G. Gowenlock and W.E. Lindsell (74 pages, 173 references), "Metal complexes of polypyrazolylborates: recent developments" by A. Shaver (32 pages, 81 references), "Recent advances in the organometallic chemistry of the lanthanides and actinides" by S.A. Cotton (34 pages, 144 references), "Recent advances in the organometallic chemistry of titanium" by R.J.H. Clark, S. Moorhouse and J.A. Stockwell (88 pages, 329 references), and "η-Arene-η-cyclopentadienyliron cations and related systems" by R.G. Sutherland (31 pages, 69 references). All of these articles will be frequently consulted by organometallic chemists.

In Volume 5, a further article is by Nefedov, Kolesnikov, and Ioffe, "Group IVB carbene analogs — structure and reactivity" (32 pages, 196 references),

which this reviewer, although involved in the area, found to be only of marginal interest, as its principal theme is rather simple molecular orbital theory. Some years ago Nefedov and Manakov wrote an extremely influential article (*Angew. Chem. Internat. Edit.*, 5 (1966) 1021) on the chemistry of such compounds.

The final article in Volume 5 is by Bharara, Gupta, and Mehrotra (81 pages, 287 references) and deals with "Cyclopentadienylmetal complexes with simple ligands". The latter are taken to include the halides, pseudohalides, alkoxides, and mercaptides.

M.F. LAPPERT

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## Erratum

*J. Organometal. Chem.*, Vol. 142, No. 3 (December 20th, 1977)

Page 415, footnote *d* to Table 2 should read:

$$d \delta([\text{PtBrCl}(\text{CN})_4]^{2-}) = \{\delta([\text{PtBr}_2(\text{CN})_4]^{2-}) + \delta([\text{PtCl}_2(\text{CN})_4]^{2-})\}/2.$$

Page 415, line 2 from the bottom should read:

Addition of ICN (1 mol) to an aqueous solution of  $\text{Na}_2[\text{Pt}(\text{CN})_4]$  (1 mol) gives