

*Organometallic Chemistry Reviews; Annual Surveys: Silicon — Tin — Lead* (Eds. D. Seyferth and R.B. King) (*Journal of Organometallic Chemistry Library 11*), Elsevier Scientific Publishing Company, Amsterdam — Oxford — New York, 1981, 566 pages.

This series of volumes is now extremely well established and invaluable to practitioners of organometallic chemistry active in the area of silicon, tin and lead.

This particular annual survey covers the year 1979 and deals with the following topics: Silicon — Synthesis and reactivity, by J.Y. Corey, 148 pages, 573 references; Organosilicon reaction mechanisms, by F.K. Cartledge, 57 pages, 239 references; Silicon: Bonding and structure, by C.H. Yoder, 59 pages, 313 references; Silicon — Application to organic synthesis, by G.M. Rubottom, 148 pages, 472 references; Tin, by P.G. Harrison, 106 pages, 300 references; Lead, by J. Wolters and D. de Vos, 16 pages, 109 references.

The authors are identical to those who contributed in a similar fashion to Volume 10, with the exception of the chapter on lead, which in an earlier book was written by Dr. Wolters without a collaborator.

There is the usual substantial author index, but no subject index. The former provides merely the page on which the reference is listed in full, rather than the location of the relevant work in the text.

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*Organometallic Chemistry, Volume 9*; Senior Reporters E.W. Abel and F.G.A. Stone, The Royal Society of Chemistry, London, 1981, xvi + 539 pages, £77.00, \$190.00.

The volume under review will be very well known to readers of this journal in providing a highly condensed but thorough coverage of the literature of our subject, in this event for 1979. There are no major changes from its predecessor. The editors note that use of both main group metal and transition metal organic compounds as reagents in catalysis and synthesis continues to be a growth area. The reporters are: D.A. Armitage, D.J. Cardin, D.A. Edwards, P.G. Harrison, B.T. Heaton, K. Henrick, J.A.S. Howell, J.B. Leach, P. McPartlin, R.J. Norton, W.E. Paget, B. Ridge, S.D. Robinson, K. Smith, J.L. Wardell, W.E. Watts and C. White. Of these, Drs. Harrison, Heaton, Henrick, Leach, McPartlin, Paget, Ridge and Smith are newcomers to the series. There is the usual substantial author index (35 pages).

The continuing escalation in price of this volume is unfortunate. Despite this, no library of an institution where organometallic chemistry is practised can afford to be without it.

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