

Journal of Organometallic Chemistry, 217 (1981) C23
Elsevier Sequoia S.A., Lausanne — Printed in The Netherlands

Book review

Inorganic Reaction Mechanisms Volume 7; Senior Reporter A.G. Sykes, The Royal Society of Chemistry, London, 1981, xxi + 442 pages, £72.00, \$200.25.

This is the latest volume in an annual publication which is now well established. There are three new contributors, Drs. Buxton (pulse radiolysis, a new topic for this series), Elding and Deeming. Additionally, Dr. Lappin contributes on bioinorganic chemistry.

The sections of direct interest to readers of this journal are largely by Dr. Deeming. These are as follows: (1) organometallic substitution reactions (11 pages), mainly concerned with displacement of CO and, more briefly, with reactions involving coordinated alkenes; (2) pulse radiolysis studies on metal carbonyls by Dr. Buxton (½ page); (3) reactions of coenzyme-B₁₂ and cobaloxime chemistry by Dr. Lappin (2½ pages); and (4) various organometallic reactions by Dr. Deeming (59 pages). As for 4, this is sub-divided into the following chapters: metal carbonyls, oxygen-bound ligands, sulphur- and selenium-bound ligands, nitrogen-bound ligands, phosphorus-bound ligands, and carbon-bound ligands. There is an author (16 pages) but no subject index.

As is usual in this series of publications the standard of printing is excellent, the expertise obvious and the coverage essentially comprehensive. Only the cost seems excessive.

*School of Chemistry and Molecular Sciences,
University of Sussex,
Brighton BN1 9QJ (Great Britain)*

MICHAEL F. LAPPERT