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## Book Review

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*Reagents for Transition Metal Complex and Organometallic Syntheses, Inorganic Syntheses, Vol. 28*; edited by R.J. Angelici (Department of Chemistry, Iowa State University), Wiley Interscience, New York, 1990, 463 pages, £43.65. ISBN 0-471-52619-3

This volume of *Inorganic Syntheses* brings together in one book a range of syntheses which the editor considers to be of "basic starting materials". There are nine totally new contributions and 81 others taken from earlier volumes of *Inorganic Syntheses*. As usual a contribution consists of a critical survey of possible synthetic methods and detailed procedures for several related compounds. For the contributions from earlier volumes the original authors were asked to update their entries, make modifications where necessary, and add safety notes. If the modifications were substantial the new experimental procedures were independently checked, as were all the new syntheses.

The contributions are grouped into chapters as follows: compounds with weakly coordinated ligands (tetrafluoroborate, triflate, nitriles, dinitrogen and dienes); low-valent complexes of Rh, Ir, Ni, Pd, and Pt; substituted metal carbonyl anion complexes; metal cluster compounds (of Ru and Os); cyclopentadienyl complexes (of early transition metals, Co, and Rh); lanthanide and actinide complexes; ligands and other transition metal complexes. This last chapter contains entries not easily fitted in elsewhere, e.g.  $\text{PMe}_3$ ,  $\text{PF}_3$ ,  $\text{C}_5\text{H}_5\text{Ti}$ ,  $\text{C}_5\text{Me}_5\text{H}$ , anhydrous metal chlorides, tungsten chloro phosphine complexes,  $[\text{Ru}(\text{bipy})_3]\text{Cl}_2 \cdot 6\text{H}_2\text{O}$ ,  $\pi$ -allyl and COD complexes of Pt and Pd, and Zeise's salt.

Almost anyone who wishes to break new ground in the coordination or organometallic chemistry of transition metals will have to make compounds described in this book, which is thus likely to be widely acquired for use in research laboratories. The procedures are already known to be reliable and authoritative and this collection will be a standard reference work for many years.

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## Erratum

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Re: Manganese carbonyl and organometallic compounds: analysis and classification of crystallographic and structural data; by C.E. Holloway and M. Melnik (*J. Organomet. Chem.*, 396 (1990) 129).

We regret that Table 6 is missing from this paper as printed; the table is reproduced below.