

Book review

STABILITY CONSTANTS OF METAL-ION COMPLEXES. PART B: ORGANIC LIGANDS, (IUPAC CHEMICAL DATA SERIES - No. 22) D. D. PERRIN, PERGAMON PRESS, OXFORD/NEW YORK, 1979, viii + 1263 PAGES, \$150, £ 75.

Compilation of comprehensive tables of the stability constants of metal-ion complexes has been a continuing project of the IUPAC Commission on Equilibrium Data since 1955. The resulting volumes have been invaluable to workers in a wide range of disciplines, and the appearance of the present volume is most welcome. The growth of the literature in this field is suggested by the fact that the first (1957) edition listed data for 464 organic ligands, the second (1964) for 1029, and the present supplement increases the coverage to over 2000. A parallel series is devoted to complexes with inorganic ligands. The editors are assisted by teams of compilers scanning the original literature in a network which covers the globe geographically and linguistically. It has always been the policy of the editors to list, as far as is practical, all the published constants with no pretense of critical evaluation except for an occasional warning "(?)" where the data are strongly suspect. For each study, an indication of the method of measurement, the conditions (temperature, medium), the resulting equilibrium constants in logarithmic form, and the reference are given. It is then up to the reader to decide--by going to the original papers if necessary--which of the published values may be most appropriate to his needs. He should not, however, assume that the most recent measurement is necessarily the best: shoddy work frequently appears in unrefereed journals repeating measurements which had been more accurately done and published years before. The present volume is the second supplement to the second edition and covers only the years 1969-1973, together with a few references prior to 1969 which had been overlooked before. To

obtain complete information about a given complex it is therefore necessary to consult both the 1964 edition and the first (1971) supplement as well as the present volume. Regrettably, the rapidly rising price of these volumes--up by a factor of more than 12 over the first edition--threatens to make ownership by individuals a thing of the past.

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Erratum

J. Organometal. Chem., Vol. 169, No. 2 (April 10th, 1979)

Page C29, the first line of the last paragraph should read:

$C_5H_5(CO)_2MnC(C_6H_5)CN$ (III). 0.50 g (1.0 mmol) II werden bei Raumtempera-

Page C29, line 6 of the last paragraph should read:

Umkristallisation aus Pentan erhält man Dicarbonyl-cyclopentadienyl-phenyl-

Author index C79
Subject index C80