

there are some related complexes e.g. of the type  $[(\text{ArH})\text{FeC}_5\text{H}_4\text{XC}_5\text{H}_4\text{Fe}(\text{ArH})]^{2+}$  in the 10-carbon section. Nearly all the other complexes have  $\text{Fe}(\text{CO})_n$  groups or (rarely)  $\text{Fe}(\text{CO})_2$  X groups attached to the organic ligand.

The 8-carbon section is by far the largest (80 pages) and the majority of compounds in it contain two tricarbonyl-diene-iron systems linked in a wide variety of ways. The 6-carbon compounds more usually have iron-iron bonds and the ligands range from symmetrically bonded bis-allylic systems to fulvenes linked as cyclopentadienyl ligands to one iron and as  $\sigma$ -alkyl groups to the other.

The volume covers the literature comprehensively through 1978 and includes material from 1979 and 1980 publications. Access to individual compounds is facilitated by the now customary molecular formula index, misleadingly headed Empirical Formula Index, as well as by a Ligand Formula Index.

An unusually high proportion of the compounds in the present volume have had their structure determined by X-ray crystallography. The results are attractively reproduced by "ball and stick model" drawings; all key interatomic distances and bond angles are given on these drawings or in accompanying tables. Other information is presented in the manner outlined above and with equal thoroughness. While appropriate review articles are quoted, all the detailed information is clearly drawn direct from the primary literature. Obvious errors are quite difficult to find in these volumes, which tempts this reviewer to believe that they are not only a more convenient, but, at least for information from the more accessible journals, a more reliable source of information than Chemical Abstracts.

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