

Advances in Physical Organic Chemistry, Vol. 18; edited by V. Gold and D. Bethell. Academic Press, London/New York, 1982, viii + 261 pages, £27.20/ U.S. \$56.00.

This latest addition to an excellent series contains less material of direct value to organometallic chemists than the other recent volumes. One chapter, however, will be of considerable indirect interest to a good number of such chemists concerned with mechanism, and that is the authoritative account (107 pages) on 'Electron-Transfer Reactions in Organic Chemistry' by L. Ebersson. While surveying current thought on such reactions (and covering Kochi's work on the reactions of alkylmetals with iron(III) complexes), this is much more than a passive summary, since it concludes with a critical examination of a number of postulated organic electron-transfer reactions. The other chapters deal with 'Enolisation of Simple Carbonyl Compounds and Related Reactions' (77 pages) by J. Toullec, and 'Chemiluminescence of Organic Compounds' (52 pages) by G.B. Schuster and S.P. Schmidt.

As usual in this series, the volume is well produced. It is good to see that a well-printed book can still be offered at a competitive price.

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