BOOK REVIEW

Advances in Catalysis, Volume 31. Edited by D. D. ELEY, HERMAN PINES, AND PAUL B. WEISZ. Academic Press, New York, 1982. 351 pp., \$52.50.

The latest addition (Volume 31) to this continuing series of books is now available. It will be a welcome addition to the libraries of those interested in catalytic research. It contains reviews of four areas of interest:

(1) "Nonacid Catalysis with Zeolites," by I. E. Maxwell.

(2) "Characterization and Reactivity of Mononuclear Oxygen Species on Oxide Surfaces," by M. Che and A. J. Tench. (3) "Sulfur Poisoning of Metals," by C. H. Bartholomew, P. K. Agrawal, and J. R. Katzer.

(4) "Methanol Synthesis," by K. Klier.

The "Advances in Catalysis" series has served catalytic chemists well for nearly three decades. The present issue is no exception to the high standards maintained over the years.

W. KEITH HALL

Department of Chemistry University of Wisconsin Milwaukee, Wisconsin 53201