

New Book

Advances in Enzymology and Related Subjects of Biochemistry. Volume 7. Edited by F. F. Nord. Interscience Publishers Inc, New York, 1947. 665 pp. \$8.75.

It is a real pleasure to announce Volume 7 of the important series *Advances in Enzymology*, which first appeared in 1941. Editors of the first five volumes were F. F. Nord and C. H. Werkman; since Volume 6 F. F. Nord has acted as sole editor. The names of the editors are sufficient assurance for the quality of the series, and all expectations in this respect have also been wholly fulfilled. It is hardly necessary to point out how valuable a series of this type is for the active student and research worker in the field of biochemistry. He finds the actual problems carefully treated in comprehensive papers by the most competent authors, papers which are not more or less mechanical compilations of the existing literature (such compilations are, of course, necessary, but are already in existence) but critical surveys by authors who are really able to separate the wheat from the chaff.

Volume 7 contains 12 papers and in addition to the ordinary indexes also a cumulative index of Volumes 1—7. The

following short survey of the content shows that the many branches of enzymology and its related fields are duly considered. S. C. Brooks (Berkeley) writes on permeability and enzyme reactions, W. Seifriz (Philadelphia) on the properties of protoplasm with reference to the influence of enzymic reactions. P. D. Ditchie (Birmingham) gives a survey of recent views on asymmetric synthesis and related processes, and G. de Hevesy (Stockholm) of applications of radioactive indicators in turnover studies. There are also chapters on bacterial luminescence by F. H. Johnson (Princeton), heme-linked groups and mode of action of some hemoproteids by H. Theorell (Stockholm), distribution, structure and properties of the tetrapyrroles by S. Granick (New York), oxidation of organic sulfur in animals by C. Fromageot (Paris), interrelations in microorganisms between growth and the metabolism of vitaminlike substances by H. McIlwain (Sheffield), antibacterial substances from fungi and green plants, by F. Kavanagh (New York), kidney enzymes and essential hypertension by O. Schales (New Orleans) and recent progress in industrial fermentation by F. M. Hildebrandt (Baltimore).

K. Myrbäck