

New Books

Advances in protein chemistry. Volume V. Edited by M. L. Anson and J. T. Edsall. Associate editor for the British Isles K. Bailey. Academic Press Inc., New York, 1949. ix + 481 pp. \$ 7.50.

It is surely not necessary to repeat what has been said in praise of the preceding volumes of this series; everybody interested in the field of protein chemistry knows that in the "Advances in protein chemistry", he can find reliable information on a great variety of questions concerning proteins, their chemistry and their biochemistry. It may suffice here to give a short survey of the contents of the new volume: J. S. Fruton, Yale University, New Haven, gives an exhaustive review of methods used for peptide syntheses (305 references!). G. R. Tristram, Cam-

bridge, England, discusses the amino acid composition of purified proteins, the methods used in the analyses and conclusions drawn from the results. J. B. Allison, Rutgers University, New Brunswick, has written on the biological evaluation of proteins. Milk proteins are treated by Th. L. McMeekin and B. D. Polis, Philadelphia, and plant proteins by J. W. H. Lugg, Melbourne, Australia. H. P. Lundgren, Albany, California, surveys the work on "synthetic fibers made from proteins", and K. H. Gustavson, Garveriindustriens forskningslaboratorium, Stockholm, communicates "some protein-chemical aspects of tanning processes". Finally we find in this volume an interesting paper by A. Claude, Rockefeller Institute, New York, on "proteins, lipids, and nucleic acids in cell structures and functions".

K. Myrbäck.