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BOOK REVIEW

NUTRIENTS IN PROCESSED FOODS, VOLUME II: PROTEINS, *edited by Philip L. White, Sc.D., and Dean C. Fletcher, Ph.D., American Medical Association, \$16.00, 219 pages, 49 figures, 90 tables. Acton, Mass., Publishing Sciences Group, 1974.*

This is the second volume derived from a series of three symposia conducted by the Council on Food and Nutrition of the American Medical Association. It was preceded by a symposium on *Vitamins and Minerals* and is followed by one on *Fats and Carbohydrates*. Essayists in this symposium included nineteen authorities who have contributed importantly in the study of amino acid availability and protein quality in foods. In the initial section, problems dealing with the validation of concepts of protein utilization and protein quality are presented. Variations in amino acid requirements in relation to age and sex, pregnancy and lactation, and stress, infection, and physical activity are viewed in terms of nitrogen balance and protein accumulation in human and animal studies. Of interest are the discussions dealing with amino

acid excess and imbalance, and observations cited concerning the effect of periodicity of feeding on the efficiency of protein utilization. The second section provides an overview of the technology of assessing protein quality and the methods employed to determine the amount of different proteins needed to meet human requirements.

Extensive investigations concerned with the influence of the processing of foods upon their nutritive qualities are delineated utilizing a variety of newer biochemical and assay methods. The final segments present an informative round-table discussion and task force reports dealing with major concerns in protein nutrition. These discussions involve the matters of protein quality analysis, amino acid availability, evaluation of human requirements, and approaches to improvement in protein quality. This volume provides the nutritionist, dietitian and physician with a sound orientation in the recent developments in the complex field of protein nutrition. C. R. SHUMAN, M.D.

Erratum

The Editors regret that a line was inadvertently dropped from "Basement Membrane Thickness in Muscle Capillaries of Normal and Spontaneously Diabetic Macaca Nigra," by Charles F. Howard, Jr.,

Ph.D., in *DIABETES* 24:201-06, February 1975. "With the technical assistance of Audrey Griffin and Joann Wolff" should have followed the author's name.