

### Book Review

*Biochemistry of Plants and Animals—An Introduction*, by M. Frank Mallette, Paul M. Althouse and Carl O. Clagett, Department of Agricultural and Biological Chemistry, Pennsylvania State University. John Wiley and Sons, Inc., New York and London, 1960. xiii and 552 pages, 16 × 23·5 cm. \$8·50.

The authors have presented a good overall view of biochemistry at a level which should be reasonably understood by undergraduate college students and others with a fair background in inorganic and organic chemistry and general biology. The book is developed in three parts. Part I discusses the following general biochemical subjects: agricultural chemistry, properties of matter, carbohydrates, lipids, proteins, enzymes, energy transfers and biological oxidations. Part II is devoted to plant biochemistry and deals with plant structure and composition, plant metabolism, seed germination, plant nutrition and growth regulation. A much more extensive discussion of some of these subjects is found than in most similar books. Part III concerns itself with animal biochemistry, especially that of body tissues, vitamins, mineral metabolism, feeds, digestion, carbohydrate metabolism, lipid and protein metabolism, and energy relationships. The appendix should be of considerable help to students as it incorporates recent data on food and feed composition, and nutritional requirements.

The stated intent of this book as a text for undergraduate students, and possibly as a convenient condensed review for others professionally interested in biochemistry, appears to have been achieved. Certainly the book presents clearly the subject for concentrated study and is so arranged and indexed as to make for quick reference or review. The make-up of the volume is pleasing although on several pages the type lacks clarity. There is a gratifying absence of typographical errors.

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