

tively; metabolic processes; and the effect of various chemical identities present in semen, viz., lipids, fructose, citric acid, inositol and some of the nitrogenous bases, on the metabolism of the spermatozoa.

In Chapter II the author has, among other subjects, discussed briefly the methods of evaluating semen quality. It is felt, however, that if he had dealt with this subject in greater detail in a separate chapter (as he has done for fructolysis, citric acid, inositol), the monograph would have a wider usefulness not only among persons concerned with artificial insemination of domesticated animals, but also among those concerned with the clinical diagnosis of human infertility.

P. BHATTACHARYA.

The Structures and Reactions of the Aromatic Compounds. By G. M. Badger. (Cambridge University Press.) Pp. xii + 456. Price 63 sh.

The book provides an excellent correlation between the numerous facts and theories concerning the chemistry of aromatic compounds and as such, is a definite contribution to our understanding of aromaticity.

The chapters numbering eleven cover a wide range of aromatic chemistry and are written in a clear and logical manner. The first two chapters deal with the 'Benzene Problem' and its theoretical solution in terms of wave mechanics respectively. The treatment which is non-mathematical in nature will aid distinctly the chemist disinclined to mathematics to have a better understanding of π and σ bonds. The subsequent chapters present a number of critically selected reactions and properties of aromatic compounds, and discuss their theoretical explanation. Of necessity, some of the less important reactions have been left out of discussion which, however, is by no means superficial.

The book ought to provide stimulating and valuable reading to chemists wishing to keep in touch with the latest developments.

S. SWAMINATHAN.

Books Received

Glutathione (*Proceedings of the Symposium held at Ridgefield, Connecticut, November 1953*). (Academic Press), 1954. Pp. x + 341. Price \$7.50.

Chapters in Physical Chemistry. By B. N. Phadke (Dastane Brothers' Home Service, Poona-2), 1954. Pp. vii + 667. Price Rs. 14.

Chemical Pathways of Metabolism, Vol. I. Edited by D. M. Greenberg. (Academic Press), 1954. Pp. x + 460. Price \$11.0.

The Theory of Cohesion. By M. A. Jaswon. (Pergamon Press, London), 1954. Pp. viii + 245. Price 37 sh. 6 d.

Some Beautiful Indian Climbers and Shrubs. By Borr and Raizada (The Bombay Natural History Society, Bombay), 1954. Pp. viii + 286. Price Rs. 22.

The Production and Use of Power Alcohol in Asia and the Far East. (Report of a Seminar held at Lucknow), 1952. (Published by the Economic Commission for Asia and the Far East, United Nations, New York), 1954. Pp. 445. Price not given.

Introduction to Theoretical Organic Chemistry. By P. H. Hermans. Edited and revised by R. E. Reeves. (Elsevier Pub.), 1954. Pp. xii + 507. Price 38 sh. 6 d.

Introduction to Atomic and Nuclear Physics. Third Edition. By Henry Semat. (Chapman & Hall), 1954. Pp. xii + 561. Price 50 sh.

The Testing of High Speed Internal Combustion Engines By Arthur W. Judge. (Chapman & Hall), 1955. Pp. xvi + 494. Price 75 sh.

Squaring the Circle and Other Monographs. By E. W. Hobson. (Chelsea Publishing Co.), 1953. Pp. 361. Price not given.

Irrigation and Hydraulic Design. By Serve Leliavsky. (Chapman & Hall), 1955. Pp. xii + 492. Price 126 sh.

The Lipids—Their Chemistry and Biochemistry, Vol. II. By Harry J. Deuel Jr. (Interscience Publishers, Inc.), 1955. Pp. xxvi + 919. Price \$25.00.

PEACEFUL USES OF ATOMIC ENERGY

INVITATIONS to take part in the International Conference on the Peaceful Use of Atomic Energy which is to open at Geneva on August 8 have been issued to the 60 member States of the organization and to 25 non-member States who are connected with the specialized agen-

cies. The Conference is expected to last 12 days. Dr. H. J. Bhabha (who was a member of the Advisory Committee) has been named as President of the Conference. Its Secretary-General will be Professor Walter Whitman, of the Massachusetts Institute of Technology.