

mains a superb compendium which can be utilized as a basic reference text for years to come. It is an excellent book to be read by both internist and pulmonary physician.

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PHOTOPHYSIOLOGY: CURRENT TOPICS IN PHOTOBIOLOGY AND PHOTOCHEMISTRY
Volume VII. Edited by Arthur C. Giese. Academic Press, New York, 1972. xvii, 353 pp. \$22.50.

Volume seven of this distinguished series includes reviews of the following topics in photobiology and photochemistry: Electron spin resonance in photosynthetic systems, by E. C. Weaver and H. E. Weaver; Photochrome, a photochromic sensor, by W. Shropshire; Photosynthetic nitrogen fixation by blue-green algae, by M. B. Allen; The role of light in nitrate metabolism in higher plants, by L. Beevers and R. H. Hageman; Mode of photosensitizing action of furocoumarins, by L. Musajo and G. Rodighiero; Photosensitivity in porphyria, by W. J. Runge; Ultraviolet action and photoreactivation in algae, by P. Halldal and O. Taube; Chromosome aberrations induced by ultraviolet radiation, by S. Wolff; Photochemistry of nucleic acids and their constituents, by A. J. Varghese; and Enzymatic and nonenzymatic bioluminescence, by F. H. Johnson and O. Shimomura.

The topics selected for this volume continue to further the balance and extend the excellent coverage of the photobiology and photochemistry of physiological processes. The reviews are written in a clear and concise form with the major advances in each area being stressed. The major advances are presented and discussed in adequate relation to background material and this, together with current bibliographical citation, allows persons with a cursory acquaintance with the subject to understand and gain a usable knowledge of the topics presented. This volume, as the others in the series, will be of great value to the researcher, teacher, and advanced student in photobiology.

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INSECT JUVENILE HORMONE—CHEMISTRY AND ACTION. Edited by Julius J. Menn and Morton Beroza. Academic Press, New York and London, 1972. xv, 341 pp. \$11.00.

The captivating term "juvenile hormone" (JH) was first used by V. B. Wigglesworth in 1934 for the factor which he postulated to regulate the character of development in insects. As has since been amply confirmed, during larval life, JH blocks adult differentiation, and metamorphosis becomes possible only when, at the appropriate time, its production by the corpora allata is shut down. By an economy of nature, the same hormone performs additional functions, such as the regulation of reproduction in many kinds of insects. Active extracts of JH were first obtained by C. M. Williams in 1956, who, noting that it could penetrate through an insect's intact cuticle and could lead to lethal monstrosities if applied at stage when it should

In *Insect Juvenile Hormones: Chemistry and Action* (Edited by Menn, J. J. and Beroza, M.), pp. 95-112. Academic Press, New York.

Riddiford, L. M. and Williams, C. M. (1967) The effects of juvenile hormone analogues on the embryonic development of silkworms. *Proc. natn. Acad. Sci.* 57, 595-601.

Sherlock, I. A., Muniz, T. M. and Guitton, N. (1976) A AÃ§Ã£o do malathion sobre os ovos de *TriatomÃneos* vetores da doenÃ§a de Chagas. *Rev. New Biological Books. Reviews and Brief Notices.* *Insect Juvenile Hormones: Chemistry and Action. Proceedings of a Symposium on the Chemistry and Action of Insect Juvenile Hormones Held in Washington, D. C., September 12-17, 1971.* Julius J. Menn , Morton Beroza. V. B. Wigglesworth. <https://doi.org/10.1086/407647>. Julius J. Menn , Morton Beroza , " *The Quarterly Review of Biology* 48, no. 2 (Jun., 1973): 375-376. <https://doi.org/10.1086/407647>. MOST READ. *Insect Juvenile Hormones* book. Read reviews from world's largest community for readers. *Insect Juvenile Hormones: Chemistry and Action* reviews the state ... Preview Insect Juvenile Hormones by Julius J. Menn. *Insect Juvenile Hormones: Chemistry and Action.* by Julius J. Menn (Contributor), Morton Beroza (Editor). 0.00 Rating details. 0 ratings 0 reviews. *Insect Juvenile Hormones: Chemistry and Action* reviews the state of knowledge on juvenile hormones (JH) and analogs. Unknown Binding, 341 pages. Published January 1st 1972 by Academic Press. More Details Original Title. *Insect Juvenile Hormones: Chemistry and Action*. ISBN. 0124909507 (ISBN13: 9780124909502).