

HERBIVORES Their Interaction with Secondary Plant Metabolites

Edited by
GERALD A. ROSENTHAL
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The interactions between plants and their animal consumers is a rapidly expanding research area of interest to evolutionary biologists, agriculturalists, physiologists, natural product chemists, ecologists, and others. Yet, the background information needed to work effectively in this area is scattered among an enormously diverse array of journals and investigators.

Herbivores: Their Interaction with Secondary Plant Metabolites brings together current efforts in this field for the scientist and student. It examines and explains the biological principles underlying plant-herbivore interaction in the context of the structure and modes of action of plant secondary metabolites and their pervasive influence on herbivore interaction with plants.

This book has a strong evolutionary and ecological emphasis and deals specifically with our present understanding of naturally evolved mechanisms of plant chemical defense and herbivore resistance. The text is written to meet the needs of persons discovering the area at levels from senior undergraduate and graduate students to faculty and professionals.

Herbivores: Their Interaction with Secondary Plant Metabolites is of interest to plant and animal ecologists, entomologists, phytochemists, phytopathologists, organic chemists, plant physiologists, agronomists, foresters, pharmacologists, bacteriologists, evolutionary biologists, and professionals in the pesticide, drug, and natural products industry.

CONTENTS:

ECOLOGICAL AND EVOLUTIONARY PROCESSES

David F. Rhoades. Evolution of Plant Chemical Defense against Herbivores.

Introduction. Ecological Adaptive Significance of Plant Secondary Metabolites. Optimal Defense Theory. Optimal Defense Theory Applied to Plant-Herbivore Interactions. Concluding Remarks.

Doyle McKey. The Distribution of Secondary Compounds within Plants.

Introduction. General Hypotheses. Within-Plant Distribution of Different Classes of Secondary Compounds. Community Structure of Secondary Compounds within the Plant. The Allocation of Defense Investment. The Regulation of Secondary Metabolism. Overview and Conclusions.

L. Fowden and P. J. Lea. Mechanism of Plant Avoidance of Autotoxicity by Secondary Metabolites, Especially by Nonprotein Amino Acids.

Introduction and General Consideration of Avoidance of Autotoxicity. Mechanisms for Avoidance of Autotoxicity with Special Reference to Toxic Amino Acids.

R. F. Chapman and W. M. Blaney. How Animals Perceive Secondary Compounds.

Introduction. Structure and Arrangement of Chemoreceptors. Functioning of Chemoreceptors. Urtication. Learning. Evolution of Perception. Conclusions.

Lena B. Brattsten. Biochemical Defense Mechanisms in Herbivores against Plant Allelochemicals.

Introduction. Mixed-Function Oxidases. Epoxide Hydrases. Reductases. Hydrolytic Enzymes. Group Transfer Enzymes. Case Histories. Conclusions.

Frances S. Chew and James E. Rodman. Plant Resources for Chemical Defense.

Introduction. Plant Vulnerability to Heterotroph Attack. How Might Cost Be Calculated and Compared? Genetic Background to Allelochemical Diversification.

John C. Reese. Interactions of Allelochemicals with Nutrients in Herbivore Food.

Introduction. Kairomones. Allomones. Discussion.

Daniel H. Janzen. New Horizons in the Biology of Plant Defenses. Introduction. Facultative Defenses. One Beast's Drink Is Another Beast's Poison. Herbivores Do Not Eat Latin Binomials. Plants Are Anachronisms. How Does One Measure the Impact of Herbivory? Pitfalls. One Liners.

THE CHEMICAL PARTICIPANTS

Gerald A. Rosenthal and E. A. Bell. Naturally Occurring, Toxic Nonprotein Amino Acids.

Introduction. Lathrogens and Neurotoxins. Basic Amino Acids. Heterocyclic Amino and Imino Acids. Selenium-Containing Amino Acids. Substituted Aromatic Amino Acids. Miscellaneous. Conclusions.

Eric E. Conn. Cyanide and Cyanogenic Glycosides.

Introduction. Chemical Nature of Cyanogenic Glycosides. Distribution, Detection, and Quantitative Determination of Cyanogenic Glycosides. Process of Cyanogenesis. Biosynthesis of Cyanogenic Glycosides and HCN. Toxicity of Cyanogenic Plants. Conclusion.

Trevor Robinson. The Evolutionary Ecology of Alkaloids.

Introduction: What Is an Alkaloid? Chemical Methods. Taxonomic,

Anatomical, and Geographical Distribution. Metabolism of Alkaloid in Their Plants. Metabolism of Alkaloids in Herbivores. Mechanisms of Physiological Action of Alkaloids. Alkaloids in Ecosystems.

David S. Seigler. Toxic Seed Lipids.

Introduction. Glycerides and Component Fatty Acids. Lipids Containing Erucic Acid and Higher Homologs. Unsaturated Fatty Acids. Acetylenic and Allenic Lipids. Hydroxy Fatty Acids. Epoxy Lipids. Cyclopropene and Cyclopropane-Containing Lipids. Cyclopentene Fatty Acids. Fluorolipids. Phenolic Seed Oil Lipids. Terpenes. Phenylpropanoid Compounds. Cyanolipids.

C. H. Van Etten and H. L. Tooke. Chemistry and Biological Effects of Glucosinolates.

Introduction. Distribution of Glucosinolates in Plants. Chemistry and Biochemistry of Glucosinolates. Methods of Analysis. Biological Effects. Epilogue.

Tom J. Mabry and James E. Gill. Sesquiterpene Lactones and Other Terpenoids.

Introduction. Mevalonic Acid Biogenetic Pathway. Analysis of Sesquiterpene Lactones and Other Terpenoids. Toxic Monoterpenes. Sesquiterpene Lactones in the Compositae. Other Sesquiterpenes with Feeding-Deterrent Properties. Toxic Diterpenes. Helicoides in *Gossypium* Species. Triterpenes. Summary.

Shalom W. Applebaum and Yehudith Birk. Saponins.

Introduction. Chemical Structure of Saponins. Standard Methods of Detection and Determination. Distribution and Diversity. Biosynthesis. Biological Effects. Concluding Remarks.

Irvin E. Liener. Phytohemagglutinins.

Introduction. General Considerations. Specific Lectins. Nutritional Significance. Physiological Function in the Plant.

C. A. Ryan. Proteinase Inhibitors.

Introduction. Methods of Assay. Isolation of Natural Proteinase Inhibitors. Specificity and Mechanism of Action. Plant Proteinase Inhibitors.

Jeffrey B. Harborne. Flavonoid Pigments.

Introduction. Structural Variation. Analytical Aspects. General Biological Properties. Detoxification in Animals. Effect of Flavonoids on Insect Feeding. Effect of Isoflavonoids on Mammalian Reproduction. Conclusion.

Tony Swain. Tannins and Lignins.

Introduction. Tannins. Lignins. Conclusions.

Karel Sláma. Insect Hormones and Antihormones in Plants.

Introduction. Plant Juvenoids. Phytoecdysones. Antihormonal Factors. Conclusions.

References at the end of each chapter. Subject Index.

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