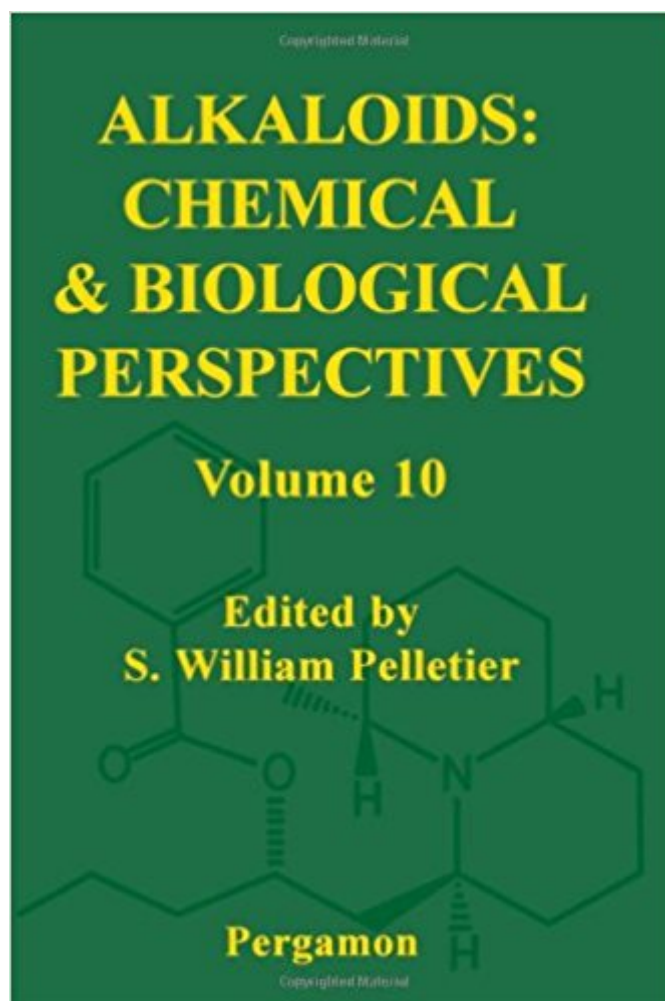


The book was found

# Alkaloids: Chemical And Biological Perspectives, Volume 10



## Synopsis

Volume 10 of this series presents four timely reviews. Chapter 1 provides a fascinating account of the history of alkaloid discovery in Australia beginning with the isolation of the first alkaloid from an Australian plant, the Tasmanian sassafras (*Atherosperma moschatum*), by Zeyer in 1861. Also included is a comprehensive survey of alkaloid-bearing plants, and a section dealing with detection, estimation, extraction, and work-up procedures for alkaloids. Chapter 2 provides a comprehensive update to the chapter on "Pyridine and Piperidine Alkaloids" which appeared in volume 3 of this series. The focus of this chapter is on new alkaloids isolated, biosynthesis, and biological properties. Chapter 3 looks at "3-Alkylpiperidine Alkaloids Isolated from Marine Sponges in the Order Haplosclerida". Studies over the past thirty years have shown that sponges are a rich source of alkaloids. Many of these sponge alkaloids are related to each other by the presence of a 3-alkylpiperidine moiety in their structures and it happens that the sponges that have been reported to contain 3-alkylpiperidine alkaloids are all in the order Haplosclerida. Chapter 4 reviews  $\beta$ -carboline and isoquinoline alkaloids which are pharmacologically some of the most significant marine natural products. This chapter treats the isolation, structure elucidation, synthesis, biosynthesis, and pharmacological activity of these alkaloids.

## Book Information

Series: Alkaloids: Chemical and Biological Perspectives

Hardcover: 446 pages

Publisher: Pergamon (June 3, 1996)

Language: English

ISBN-10: 008042791X

ISBN-13: 978-0080427911

Product Dimensions: 1.2 x 6.2 x 9.5 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars 1 customer review

Best Sellers Rank: #11,403,193 in Books (See Top 100 in Books) #37 in [Books > Science & Math > Chemistry > Alkaloids](#) #8201 in [Books > Science & Math > Chemistry > Organic](#) #9377 in [Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Botany](#)

## Customer Reviews

I'm very pleased with this product. It was affordable, and it cuts great. I was replacing an extremely dull chef's product that I couldn't seem to get sharp. This product has been a welcome change. Very

well. i need it to change , just fine, Satisfied.

[Download to continue reading...](#)

Alkaloids: Chemical and Biological Perspectives, Volume 9 Alkaloids: Chemical and Biological Perspectives, Volume 11 Alkaloids: Chemical and Biological Perspectives, Volume 10 Alkaloids: Chemical and Biological Perspectives, Volume 15 Alkaloids: Chemical and Biological Perspectives, Volume 14 Alkaloids: Chemical and Biological Perspectives, Volume 13 Alkaloids: Chemical and Biological Perspectives Alkaloids: Chemical and Biological Perspectives: 9 Alkaloids: Chemical and Biological Perspectives: 12 Alkaloids: Chemical and Biological Perspectives, Vol. 6 Alkaloids: Chemical and Biological Perspectives: 15 The Alkaloids, Chemistry and Physiology, Volume VIII [8]: The Indole Alkaloids The Alkaloids: Chemistry and Physiology, Vol. 8: The Indole Alkaloids (v. 8) The Pyrrolizidine Alkaloids Their Chemistry, Pathogenicity and Other Biological Properties. (Frontiers of Biology, volume 9) Naturally Occurring Alkaloids and Iridoids: Chemistry and Biological Importance Advances in Chemical Physics, Volume 15: Stochastic Processes in Chemical Physics (v. 15) Measuring and Monitoring Biological Diversity. Standard Methods for Amphibians (Biological Diversity Handbook) Disaster Nursing and Emergency Preparedness for Chemical, Biological and Radiological Terrorism and Other Hazards, 2nd Edition Disaster Nursing and Emergency Preparedness: for Chemical, Biological, and Radiological Terrorism and Other Hazards, Third Edition Individual Preparedness and Response to Chemical, Radiological, Nuclear, and Biological Terrorist Attacks

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)