

<b>Venue:</b>	Doody's Book Review Service
<b>Title:</b>	Book Review: Aquatic medicinal plants, Archana Bachheti, et al.
<b>Date:</b>	2024
<b>Type:</b>	Book Review
<b>Author(s)/ Presenter(s):</b>	<p>Verena Van Fleet</p> <p><b>Description</b></p> <p>This book is part of a series that aims to compile traditional knowledge of medicinal plants and recent scientific evidence of their applications. Most chapters present tables that list the known phytochemicals of each plant or plant group, the part of the plant in which they are found, their preparation, and the types of medical complaints they affect. The book provides chemical structures of phytochemicals identified as active ingredients as well as a section on traditional medicine or ethnomedical use of most plants or plant groups.</p> <p><b>Purpose</b></p> <p>This book's authors and series editor aim to compile a rich source on medicinal plants based on Indigenous uses as well as scientific studies documented with extensive bibliographies in each chapter. The objectives of providing information ranging from "diversity, conservation, propagation, cultivation, physiology, molecular biology, growth response under extreme environment, handling storage, bioactive compounds, secondary metabolites, extraction, therapeutics, mode of action, and healthcare practices " are well met.</p> <p><b>Audience</b></p> <p>The book's audience includes academics, researchers, and clinicians interested in medicinal plants. The editors and contributors have credible authority. The book meets the needs of the intended audience.</p> <p><b>Features</b></p> <p>The chapters present information regarding specific plants or plant groups, chemical structure and group of active ingredients, medicinal properties broken out by conditions, types of extracts and formulations, and ethnomedical uses of plants, all well documented by extensive bibliographies. The index includes medical conditions and authors, but not chemical ingredients. One cannot choose a bioactive ingredient and find which of the plants presented contain this ingredient. Tables, chemical structures, and schematics are helpful. The images provided are not very instructive given that the book is published in</p>

	<p>black and white. The compilations in tables are impressive and very helpful in organizing the compiled information. Being able to use the index to scan for all plants presented that may contain active ingredients to treat a particular condition is extremely useful.</p> <p><b>Assessment</b></p> <p>It is commonly believed that there is a vast amount of untapped potential for medicinal uses of naturally occurring compounds. This book and its series are unique in their comprehensive approach and extremely useful in compiling vast information regarding medicinal plants, including their uses in traditional ethnomedical applications.</p>
<b>Abstract (or Book Review):</b>	