

BOOK NOTICE

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Medicinal and Aromatic Plants—Industrial Profiles

Each volume in the series discusses the history and botany of each genus, and provides an in-depth look at areas such as commercial cultivation, chemical and/or pharmacological aspects, toxicology, current and/or future products, etc.

A. DOUGLAS KINGHORN (ed.). 2002. **Stevia: The Genus Stevia**. (ISBN 0-415-26830-3, hbk.). **Medicinal and Aromatic Plants—Industrial Profiles. Volume 19**. Series Editor: Roland Hardman. Taylor & Francis, 11 New Fetter Lane, London EC4P 4EE, UK and 29 West 35th Street, New York, NY 10001, U.S.A. (Orders: info@tandf.co.uk, www.tandf.co.uk, 44 (0) 207 583 9855, fax 44 (0) 207-842-2298, standing orders call 44 (0) 1264 343071. **US and Canada Customers:** By mail: Taylor & Francis Customer Service, 10650 Toebben Drive, Independence, KY 41051, U.S.A., Toll Free Tel: 1-800-634-7064, Toll Free Fax: 1-800-248-4724, email: cserve@routledge-ny.com). \$90.00, 211 pp., numerous b/w photos drawings and tables, 7" × 10".

From Taylor & Francis website.—“*Stevia rebaudiana* is a remarkable South American plant which has become widely used in certain parts of the world as a natural sweetening agent and dietary supplement. This comprehensive volume provides reviews on the botany, ethnobotany, and chemical constituents of the genus *Stevia*, and examines the chemical synthesis of such compounds as steviol and stevioside. The final two chapters offer some insight into the various applications of *Stevia rebaudiana* extracts and stevioside in Japan and Korea, the two countries with the most extensive use of these food additives at present. Containing numerous up-to-date references, the book will appeal to a wide segment of the scientific community at all levels, especially those in the fields of natural products, pharmacy, pharmacognosy, plant science, agriculture and the food and beverages industry.”

Contents.—**1)** Overview; **2)** Botany of *Stevia* and *Stevia rebaudiana*; **3)** Ethnobotany of *Stevia* and *Stevia rebaudiana*; **4)** Sweet and non-sweet constituents of *Stevia rebaudiana*; **5)** The phytochemistry of *Stevia*: a general survey; **6)** Synthetic investigations on steviol, stevioside, and rebaudioside A, and their applications as starting materials; **7)** Methods to improve the taste of the sweet principles of *Stevia rebaudiana*; **8)** Pharmacology and toxicology of stevioside, rebaudioside A, and steviol; **9)** Use of *Stevia rebaudiana* sweeteners in Japan; **10)** Use of stevioside and cultivation of *Stevia rebaudiana* in Korea; and Index.



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