



THE NEW YORK BOTANICAL GARDEN



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Author(s): Richard Evans Schultes

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This is a rich and interesting survey of plant utilization in eastern Ecuador. One is struck by the diversity of plants selected by these peoples who have shown acute empiricism and great imagination in their quest for knowledge as a means of survival and for cultural enhancement. The thoroughness and originality of this study serve as a model for future research in ethnobotany, not only in the Amazon Basin but throughout the tropics.

WALTER H. LEWIS, WASHINGTON UNIVERSITY, ST. LOUIS, MO 63130

Weed Ecology: Implications for Vegetation Management. Steven R. Radosevich and Jodie S. Holt. John Wiley & Sons, 1 Wiley Dr., Somerset, NJ 08873. 1984. 265 pp. \$39.95.

In the preface, the authors state that "Weeds . . . seem to have been created because of the human ability to judge and select among the various species of the plant kingdom. Thus, weeds are now recognized as an important economic class of pests that have impact on worldwide crop production." For this and other reasons weeds must be considered in any discussion of economic botany.

This contribution spans a wide spectrum of weed science, a distinct aspect of botanical and agronomical science. It has divided the extensive coverage into six categories: Introduction; Principles and Patterns; Reproduction, Dispersal, Germination, and Survival; Plant Growth and Interference; Limiting Factors and Physiological Response to Competition; and Agricultural Plant Community. Each category is subdivided into numerous aspects, and is conveniently provided with a summary of the categories that have been considered in detail. There is an adequate index and a full bibliography of 288 items.

A concise, authoritative, inclusive, up-to-date consideration of weeds, this volume can without hesitation be recommended to a wide variety of plant scientists, especially to those directly or tangentially concerned with economic botany.

RICHARD EVANS SCHULTES, HARVARD UNIVERSITY, CAMBRIDGE, MA 02138

Notes

National Seminar on Underexploited and Unexploited Economic Plant Resources of India, 9–11 October 1985. For more details write Publications & Information Directorate, Hillside Road, New Delhi 110012 India.

Fragrance and Flavours Summit Conference, Varna, Bulgaria, 16–19 October 1985. For additional information communicate with International Federation of Essential Oils and Aroma Trades, 130 Wigmore Street, London W1H 0AT, England.