

Toxic Plants

Dangerous to Humans and Animals



Jean Bruneton



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Intercept



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Foreword

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Translated by Caroline K. Hatton

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Physicians, pharmacists, and veterinarians deal with accidental plant ingestions every day. They are mostly ill-prepared to manage such cases and sorely need reliable information on the subject. This book, *Toxic Plants Dangerous to Humans and Animals*, fulfills this need.

Part 1 of the book lists the common causes of incidents and accidents induced by plants in humans, describes the risks, emphasizes those inherent to herbal drugs, and discusses issues of plant identification and medical treatment, as well as the specifics of animal poisoning, particularly in pets. Part 2 is a detailed discussion of the plant species most often at fault, including the circumstances of the intoxication, symptoms, proposed treatment, toxic doses, but also elements of diagnosis, toxin identification, and toxic mechanisms.

This book is based on over 1,300 literature references and on the most recent statistics. It covers over four dozen botanical families organized in alphabetical order, names more than 350 plant species, includes 100 plant monographs, and contains numerous illustrations. It is highly educational and it presents a complete picture of the toxic potential of higher plants.

Jean Bruneton, Ph.D., is a professor of pharmacognosy at the University of Angers (France) School of Pharmacy. An expert in phytochemistry, he also wrote the book *Pharmacognosy, Phytochemistry, Medicinal Plants* (2nd Ed., Lavoisier Publishing/Intercept Ltd, 1999) and has co-authored more than 100 scientific publications.

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