Record Nr. UNINA9911020234603321

Autore Hall David W (David Walter), <1940->

Titolo Forensic botany: a practical guide

Pubbl/distr/stampa [Place of publication not identified], : John Wiley & Sons, 2012

ISBN 9781119940265

1119940265 9781119945734 1119945739

Disciplina 363.25/62

Soggetti Forensic botany

Botany

Earth & Environmental Sciences

Botany - General

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Note generali Bibliographic Level Mode of Issuance: Monograph

Sommario/riassunto FORENSIC BOTANY A PRACTICAL GUIDE Forensic Botany: A Practical

evidence is identified, collected and analysed in criminal cases. This form of evidence is becoming increasingly important in forensic investigation. This book is intended to show how useful simple collection methods and standard plant analysis can be in the course of such investigations. It is written in a clear and accessible manner to enhance the understanding of the subject for the non-specialist. Clearly structured throughout, this book combines well known collection techniques in a field oriented format that can be used for casework. Various methods that allow easy collection, transportation, and preservation of evidence are detailed throughout the book. This book is written for those who have no formal background working with

Guide is an accessible introduction to the way in which botanical

science courses, law enforcement training, legal courses, and as a template for plant collection at any scene where plants occur and where

plants. It can be used as a practical guide for students taking forensic

rules or laws are involved. Veterinarians, various environmental agencies and anthropologists are examples of disciplines that are more recently in need of plant evidence. The format of the book is designed to present the reader with all the information needed to conduct a botanical analysis of a crime scene; to highlight the forensic significance of the botanical evidence that may be present; how to collect that evidence in the correct manner and preserve and store that evidence appropriately- also shows how to conduct a laboratory analysis of the plants. * An accessible practical guide to the collection, analysis and presentation of botanical evidence within forensic investigation. * Aimed at the non-specialist looking for an introduction to the field. * Written in a clear and logical manner; what is it? Where can you find help? How can you use plant evidence? Why is this kind of plant important? Where to look for evidence; evidence collection made easy; evidence preservation; evidence transportation; chain of custody. * Includes evidence collection data sheet and a laboratory analysis data sheet for use in the field. * Includes key chapters on microscopy analysis of plant evidence and on DNA collection, use and relative costs. * Numerous relevant case studies included to show forensic botany in practice and how to present botanical evidence in court.