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KENDRICK

WALLS

Medicinal Plants MIT Press

This Handbook contains the brief information on

medicinal plants mainly used in Indian Systems of Medicine. Nearly 1000 plant species belonging to 164 families either used as main sources of the drugs or as their substitutes and adulterants are given in it. The drug plants have been given familywise following the Bentham and Hooker's system of classification. The brief information about the drug plants i.e. Names (Sanskrit & Botanical) habit of the plants, part(s) used in medicine, main properties/uses and broadly the name of area(s) where the plants naturally occur has been given in tabular form. The names of common substitutes and adulterants of important drug plants have also been provided. Indexes of botanical and Sanskrit names have also been given at the end. The book has been written in a very easy and simple manner, so that an average reader can follow it. The specific features of this small reference book are: (a) The information, including the names of substitutes and adulterants are given in tabular form, so that one can see it at a glance. (b) The book can be kept easily is hand in field and other places. (c) Important

medicinal plants of the families have been indicated. (d) The book contains nearly all those plants which are prescribed in various courses of Ayurveda, pharmacy, Medico-botany etc. The book is useful to the students, teachers, researchers on medicinal plants, herbal based pharmaceutical concerned, N.G.O's and other those who are interested in medicinal plants.

Toxicological Survey of African Medicinal Plants

Springer Science & Business Media

Volume 10 is part of a multi compendium Edible Medicinal and Non-Medicinal Plants. This work is of significant interest to medical practitioners, pharmacologists, ethnobotanists, horticulturists, food nutritionists, botanists, agriculturists, conservationists and general public. 59 plant species with edible modified stems, roots and bulbs in the families Amaranthaceae, Cannaceae, Cibotiaceae, Convolvulaceae, Cyperaceae, Dioscoreaceae, Euphorbiaceae, Fabaceae, Iridaceae, Lamiaceae, Marantaceae, Nelumbonaceae, Nyctaginaceae, Nymphaeaceae, Orchidaceae, Oxalidaceae, Piperaceae, Poaceae, Rubiaceae, Simaroubacea

e, Solanaceae, Tropaeolaceae, Typhaceae and Zingiberaceae. Topics covered include: taxonomy; common/ vernacular names; origin/ distribution; agroecology; edible plant parts/uses; botany; nutritive/medicinal properties, nonedible uses and selected references.

Botanicum Medicinale

Centre for International Ethnomedicinal

This book is focused on clarifying the anticancer effects (i.e., apoptotic, antiproliferative, antimetastatic, antiangiogenic) and mechanisms of most of the medicinal plants found in the world against solid and/or hematological cancers.

55 Most Common Medicinal Herbs

Scientific Publishers

"The present reference book entitled "Medicinal plants: properties, uses and production" is based on the recent developments in the medicinal and aromatic plants sector. The contents provided in the present title are written by field experts from different regions. All the chapters were reviewed by the external reviewers and based on their opinions, necessary modifications have been made. The present book contains eight well-descriptive manuscripts

with comprehensive information about the topics. The first chapter describes the medicinal uses, bioactive constituents and biological activities of the genus Limoniastrum. The chapter also deals with the ethnopharmacological properties and traditional uses of these plants. Phytochemical analysis of these plants revealed the presence of gallic acid, catechin, and epigallocatechin as major compounds whereas the pharmacological studies showed antioxidant, anti-inflammatory and anti-tumoral activities in different experimental models. Overall, the book is a collection of different research areas of medicinal plants. It covers general applications of a particular medicinal plant like henna, a compilation of pharmaceutical properties of a genus like Limoniastrum, a traditional combination like Ashtavarga, nutritional importance of a plant like coneflower, description of bioactive compounds like Vinca alkaloids, the toxicity associated with the herbal treatment, the use of novel drug delivery in improving the pharmacokinetics of a herbal drug and mathematical modelling of bioactives isolated via

different extraction techniques. This book will be useful for academicians and researchers working in the areas of herbal medicine, traditional medicine and natural products. The book is also useful for Master and PhD students of various universities"--

Advanced Pharmacological Uses of Medicinal Plants and Natural Products

Kronenberger Press

Previously published under titles: The complete natural medicine guide to the 50 most common medicinal herbs and The botanical pharmacy.

A Curious Herbal Containing Five Hundred Cuts of the Most Useful Plants which are Now Used in the Practice of Physick Engraved... by Elizabeth Blackwell...

BoD – Books on Demand

Ivan Ross takes advantage of the significant growth in the amount of new data available to update and expand his much acclaimed Medicinal Plants of the World: Chemical Constituents, Traditional and Modern Medicinal Uses, Volume 1. This considerably enhanced second edition contains new research and references on the immunomodulatory activity present in Allium sativum, Mangifera

indica, and Punica granatum, the antidiabetic effects of Momoridica charantia and Mucuna pruriens, the antiinflammatory activity found in Mangifera indica and Arbus precatorius, the cholesterol lowering effect of Allium sativum and Moringa pterygosperma, and the antitumor effect of Arbus precatorius and Moringa pterygosperma. There are also important new findings concerning the antiherpes simplex virus activity of Mangifera indica, the anti-Parkinson's activity of Mucuna pruriens, the antiviral activity in Phyllanthus niruri and Jatropha curcas, the hyperthyroid regulation properties of Moringa pterygosperma, and the antioxidant activity of Mangifera indica, Punica granatum, Psidium guajava, and Allium sativum. Allium sativum is highlighted for its treatment of unstable angina pectoris, sickle red blood cell dehydration inhibition, senescence ameliorative, chemoprotective, cardiovascular, antineoplastic, anticarcinogenic, and antiatherogenic effects. This revised and enhanced edition provides details on traditional medicinal uses, chemical constituents, pharmacologic

al activities, clinical trials, color illustrations, Latin names, botanical descriptions, as well as providing an index and extensive bibliographies. Authoritative and exhaustively compiled, Medicinal Plants of the World: Chemical Constituents, Traditional and Modern Medicinal Uses, Volume 1, 2nd Edition offers pharmacists, physicians, medicinal chemists, toxicologists, and phytochemists a universal reference on twenty-six of the most widely used medicinal plants in the world.

The Complete Natural Medicine Guide to the 50 Most Common Medicinal Herbs Academic Press

This publication represents the views and expert opinions of an IARC Working Group which met in Lyon, 12-19 February 2002.

Medicinal Plants CRC Press

Plants have cultural histories, as their applications change over time and with place. Some plant species have affected human cultures in profound ways, such as the stimulants tea and coffee from the Old World, or coca and quinine from South America. Even though medicinal plants have always attracted considerable attention, there is

surprisingly little research on the interface of ethnobotany and medical anthropology. This volume, which brings together (ethno-)botanists, medical anthropologists and a clinician, makes an important contribution towards filling this gap. It emphasises that plant knowledge arises situationally as an intrinsic part of social relationships, that herbs need to be enticed if not seduced by the healers who work with them, that herbal remedies are cultural artefacts, and that bioprospecting and medicinal plant discovery can be viewed as the epitome of a long history of borrowing, stealing and exchanging plants.

Edible Medicinal And Non-Medicinal Plants Timber Press

Many of the earliest books, particularly those dating back to the 1900s and before, are now extremely scarce and increasingly expensive. We are republishing these classic works in affordable, high quality, modern editions, using the original text and artwork.

Medicinal Plants of the Mountain West Springer Science & Business Media

The global popularity of herbal supplements and the promise they hold in treating various

disease states has caused an unprecedented interest in understanding the molecular basis of the biological activity of traditional remedies. Herbal Medicine: Biomolecular and Clinical Aspects focuses on presenting current scientific evidence of biomolecular ef

Medicinal Plants of North America CABI Medicinal Plants: Culture, Utilization and Phytopharmacology covers over 400 species. Each chapter gathers valuable information from a wide variety of sources, and supplies it to the user in convenient table format, arranged alphabetically by scientific name, followed by the common name. Data topics include: major constituents (active ingredients)

Mountain States Medicinal Plants Elsevier Pengelly's user friendly text will encourage educators in medical science to consider using this material in the complementary medicine/nutraceuticals areas May I congratulate Andrew Pengelly for writing this text as it is going to be very popular with undergraduate students as well as more experienced readers.' D. Green, London Metropolitan University, UK This unique book explains in simple

terms the commonly occurring chemical constituents of medicinal plants. The major classes of plant constituents such as phenols, terpenes and polysaccharides, are described both in terms of their chemical structures and their pharmacological activities. Identifying specific chemical compounds provides insights into traditional and clinical use of these herbs, as well as potential for adverse reactions. Features include: * Over 100 diagrams of chemical structures * References to original research studies and clinical trials * References to plants commonly used throughout Europe, North America and Australasia. Written by an experienced herbal practitioner, The Constituents of Medicinal Plants seriously challenges any suggestion that herbal medicine remains untested and unproven, including as it does hundreds of references to original research studies and trials. Designed as an undergraduate text, the first edition of this book became an essential desktop reference for health practitioners, lecturers, researchers, producers and anyone with an interest in

how medicinal herbs work. This edition has been extensively revised to incorporate up-to-date research and additional sections, including an expanded introduction to plant molecular structures, and is destined to become a classic in the literature of herbal medicine. Leafy Medicinal Herbs Timber Press Comprehensive Sampling and Sample Preparation is a complete treatment of the theory and methodology of sampling in all physical phases and the theory of sample preparation for all major extraction techniques. It is the perfect starting point for researchers and students to design and implement their experiments and support those experiments with quality-reviewed background information. In its four volumes, fundamentals of sampling and sample preparation are reinforced through broad and detailed sections dealing with Biological and Medical, Environmental and Forensic, and Food and Beverage applications. The contributions are organized to reflect the way in which analytical chemists approach a problem. It is intended for a broad audience of analytical chemists, both educators and practitioners of the art and

can assist in the preparation of courses as well in the selection of sampling and sample preparation techniques to address the challenges at hand. Above all, it is designed to be helpful in learning more about these topics, as well as to encourage an interest in sampling and sample preparation by outlining the present practice of the technology and by indicating research opportunities. Sampling and Sample preparation is a large and well-defined field in Analytical Chemistry, relevant for many application areas such as medicine, environmental science, biochemistry, pharmacology , geology, and food science. This work covers all these aspects and will be extremely useful to researchers and students, who can use it as a starting point to design and implement their experiments and for quality-reviewed background information There are limited resources that Educators can use to effectively teach the fundamental aspects of modern sample preparation technology. Comprehensiv e Sampling and Sample Preparation addresses this need, but focuses on the common principles of new developments

in extraction technologies rather than the differences between techniques thus facilitating a more thorough understanding Provides a complete overview of the field. Not only will help to save time, it will also help to make correct assessments and avoid costly mistakes in sampling in the process Sample and sample preparation are integral parts of the analytical process but are often less considered and sometimes even completely disregarded in the available literature. To fill this gap, leading scientists have contributed 130 chapters, organized in 4 volumes, covering all modern aspects of sampling and liquid, solid phase and membrane extractions, as well as the challenges associated with different types of matrices in relevant application areas

American Medicinal Plants

Rowman & Littlefield

This book can be used as a general guide in the use of natural products to manage common health ailments and by potential researchers in natural products, medicinal chemistry, pharmacognosy, phytomedicine and/or phytochemistry for an overview of

the biological properties of natural products. The book describes widely used medicinal plants and essential oils. It tabulates 55 biological properties of 171 medicinal plants indigenous to India with an emphasis on Indian medicinal plants that have a long tradition of medicinal use in Ayurveda. The resulting table is color coded, providing a quick overview of different medicinal plants exhibiting similar biological activities.

Popular Medicinal Plants in Portland and Kingston, Jamaica

World Health Organization

Wildcraft your way to wellness! In Southwest Medicinal Plants, John Slattery is your trusted guide to finding, identifying, harvesting, and using 112 of the region's most powerful wild plants. You'll learn how to safely and ethically forage, and how to use wild plants in herbal medicines including teas, tinctures, and salves. Plant profiles include clear, color photographs, identification tips, medicinal uses and herbal preparations, and harvesting suggestions. Lists of what to forage for each season makes the guide useful year-round. Thorough, comprehensive, and safe, this is a must-have for

foragers, naturalists, and herbalists in Arizona, southern California, southern Colorado, southern Nevada, New Mexico, Oklahoma, western and central Texas, and southern Utah.

Plants, Health and Healing

Three Rivers Press

Medicinal herbs are rich in vitamins, minerals and antioxidants, and are able to synthesize secondary metabolites with disease preventive properties. It is due to these qualities that herbs have been used throughout history for flavouring and in food, medicine and perfumery preparations. They are also often considered to be safe alternatives to modern medicines because of their healing properties. Though interest in medicinal and aromatic crops is growing worldwide, there is still little focus on the area of leafy medicinal herbs. This book compiles the literature for 23 globally relevant leafy medicinal herbs. Beginning with a general overview and discussion of the importance of these plants, it then handles each herb by chapter. Chapters discuss the botany of the crop, including its history and origin, geographical distribution and morphology, before focusing on

the chemical composition and phytochemical attributes. They then review postharvest technology aspects such as processing and value addition, before concluding with the general and pharmacologic al uses for each crop. A complete compilation of the subject, this book forms a vital resource for researchers, students, farmers and industrialists in the area of leafy medicinal herbs. *The Constituents of Medicinal Plants* Elsevier Toxicological Survey of African Medicinal Plants provides a detailed overview of toxicological studies relating to traditionally used medicinal plants in Africa, with special emphasis on the methodologies and tools used for data collection and interpretation. The book considers the physical parameters of these plants and their effect upon various areas of the body and human health, including chapters dedicated to genotoxicity, hepatotoxicity , nephrotoxicity , cardiotoxicity, neurotoxicity, and specific organs and systems.Follo wing this discussion of the effects of medicinal plants is a critical review of the guidelines and methods in use for

toxicological research as well as the state of toxicology studies in Africa. With up-to-date research provided by a team of experts, Toxicological Survey of African Medicinal Plants is an invaluable resource for researchers and students involved in pharmacology, toxicology, phytochemistry, medicine, pharmacognosy, and pharmaceutical biology. - Offers a critical review of the methods used in toxicological survey of medicinal plants - Provides up-to-date toxicological data on African medicinal plants and families - Serves as a resource tool for students and scientists in the various areas of toxicology

A Field Guide to Medicinal Plants

Springer Nature

The demand for medicinal plants is increasing, and this leads to unscrupulous collection from the wild and adulteration of supplies. Providing high-quality planting material for sustainable use and thereby saving the genetic diversity of plants in the wild is important. In this regard, the methods of propagation of some important medicinal plants are provided along with the traditional methods of propagation.

Indian Medicinal Plants: Uses and Propagation Aspects offers a unique compendium of more than 270 medicinal plant species from India with detailed taxonomic classifications based on the Bentham and Hooker system of classification. Salient Features: Provides traditional methods of propagation and discusses the propagation of medicinal plants Presents plant properties, plant parts and chemical constituents Describes the medicinal uses of more than 270 medicinal plant species from India This book is of special interest to practitioners of alternative medicine, students of Ayurveda, researchers and industrialists associated with medical botany, pharmacologists, sociologists and medical herbalists. Biodiversity and Climate Change Adaptation in Tropical Islands World Health Organization This book continues as volume 3 of a multi-compendium on Edible Medicinal and Non-Medicinal Plants. It covers edible fruits/seeds used fresh or processed, as vegetables, spices, stimulants, edible oils and beverages. It encompasses species from the following families: Ginkgoaceae, Gnetaceae, Juglandaceae, Lauraceae, Lecythidaceae

, Magnoliaceae, Malpighiaceae, Malvaceae, Marantaceae, Meliaceae, Moraceae, Moringaceae, Muntigiaceae, Musaceae, Myristicaceae and Myrtaceae. This work will be of significant interest to scientists, researchers, medical practitioners, pharmacologists, ethnobotanists, horticulturists, food nutritionists, agriculturists, botanists, conservationists, lecturers, students and the general public. Topics covered include: taxonomy; common/English and vernacular names; origin and distribution; agroecology; edible plant parts and uses; botany; nutritive and pharmacological properties, medicinal uses and research findings; nonedible uses; and selected references.

Medicinal Herbs and How to Identify Them

Springer Science & Business Media

Catalogues the 150 species of medicinal plants most commonly used in traditional Chinese medicine. The book, which was compiled in collaboration with the Institute of Chinese Materia Medica, was produced in an effort to communicate knowledge about herbal medicine that has accumulated over

thousands of years, has been confirmed through both empirical experience and scientific evaluation, and yet has rarely been published outside the Chinese literature. The book also responds to increasing respect for the value of medicinal plants as a source of efficacious and inexpensive new drugs that offer an important alternative to chemically synthesized medicines. Each plant species is first documented by a full colour photograph taken under natural conditions during the flowering or fruiting season. Where relevant, a second photograph illustrates the plant parts from which the crude drug is extracted. Explanatory notes for each species cover botanical name and synonyms, Chinese name, English name, parts used, description of the plant, its habitat, and geographical distribution, and clinical indications and dosage. Some of the syndromes and clinical signs are described in traditional Chinese medical terminology. Information on indications and dosage is in keeping with theories for the prescription of medicinal plants taken from traditional Chinese pharmacology . To facilitate retrieval of information,

plant species are indexed according to botanical names, English names, names in Chinese phonetic alphabet, and Chinese (Han) characters. The book, which was compiled for reference and educational purposes, includes a note advising readers of the dangers of self-treatment.

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