

## Flora Of Bankura District West Bengal 1st Edition

Man has used plants as a source of medicine since ancient times. Initially, these formed the bulk of folk or ethnomedicine, practiced in India and some other parts of the world. Later, a considerable part of this indigenous knowledge was documented and passed into the organised system of medicine. This book contains articles covering information on medicinal plants used for curing various ailments, with special reference to India, those on herbal formulation and their standardization; herbal remedies for antibacterial therapy; commercial use of medicinal plants and ethno-medico-botany of some sacred plants. The book also provides an account of traditional medicinal plants and their prospective applications in the present scenario. It would serve as a useful reference for botanists, phytochemists and those related to the pharmaceutical industry.

This book highlights the medical importance of and increasing global interest in herbal medicines, herbal health products, herbal pharmaceuticals, nutraceuticals, food supplements, herbal cosmetics, etc. It also addresses various issues that are hampering the advancement of Indian herbal medicine around the globe; these include quality concerns and quality control, pharmacovigilance, scientific investigation and validation, IPR and biopiracy, and the challenge that various indigenous systems of medicine are at risk of being lost. The book also explores the role of traditional medicine in providing new functional leads and modern approaches that can offer elegant strategies for facilitating the drug discovery process. The book also provides in-depth information on various traditional medicinal systems in India and discusses their medical importance. India has a very long history of safely using many herbal drugs. Folk medicine is also a key source of medical knowledge and plays a vital role in maintaining health in rural and remote areas. Despite its importance, this form of medicine largely remains under-investigated. Out of all the traditional medicinal systems used worldwide, Indian traditional medicine holds a unique position, as it has continued to deliver healthcare throughout the Asian subcontinent since ancient times. In addition, traditional medicine has been used to derive advanced techniques and investigate many modern drugs. Given the scope of its coverage, the book offers a valuable resource for scientists and researchers exploring traditional and herbal medicine, as well as graduate students in courses on traditional medicine, herbal medicine and pharmacy.

Medicinal Plants in Asia and Pacific for Parasitic Infections: Botany, Ethnopharmacology, Molecular Basis, and Future Prospect offers an in-depth view into antiprotozoal pharmacology of natural products from medicinal plants in Asia with an emphasis on their molecular basis, cellular pathways, and cellular targets. This book provides scientific names, botanical classifications, botanical description, medicinal uses, chemical constituents and antiprotozoal activity of more

than 100 Asian medicinal plants, with high quality original botanical plates, chemical structures, and pharmacological diagrams and lists hundreds of carefully selected references. It also examines the pharmacological and medicinal applications of Asian medicinal plants especially in drug development for protozoan prevention and treatment. Medicinal Plants in Asia and Pacific for Parasitic Infections is a research tool and resource for the discovery of leads for the treatment of protozoal diseases based on interrelated botanical, biochemical, ethnopharmacological, phylogenetic, pharmacological, and chemical information. A critical reference for any researcher involved in the discovery of leads for the treatment of antiprotozoal leads From Asian medicinal plants Written by an expert in the field, this truly unique text fills an important niche due to the increasing global interest in botanical drugs Provide scientific names, botanical classification, botanical description, medicinal uses, chemical constituents and pharmacological activity of more than 100 Asian plants

Results of regular monitoring of the species diversity and structure of plant communities is used by conservation biologists to help understand impacts of perturbations caused by humans and other environmental factors on ecosystems worldwide. Changes in plant communities can, for example, be a reflection of increased levels of pollution, a response to long-term climate change, or the result of shifts in land-use practices by the human population. This book presents a series of essays on the application of plant biodiversity monitoring and assessment to help prevent species extinction, ecosystem collapse, and solve problems in biodiversity conservation. It has been written by a large international team of researchers and uses case studies and examples from all over the world, and from a broad range of terrestrial and aquatic ecosystems. The book is aimed at any graduate students and researchers with a strong interest in plant biodiversity monitoring and assessment, plant community ecology, biodiversity conservation, and the environmental impacts of human activities on ecosystems.

Medicinal Spices of Bengal is a complete compendium. It provides the scientific name, classification, local name(s), historical background, local medicinal uses, botanical description, chemical constituents, pharmacological activity and toxicology of more than 100 medicinal spices used in Bengal. Chemical structures of active constituents are provided as well as numerous references. This book is an indispensable tool for researchers, as well as graduates in various disciplines, including pharmacy, pharmacology, medicine, biotechnology, nutrition, cosmetology and drug development. It is also suitable for anyone who is looking for natural products as leads to be developed in therapeutics, functional nutrition or cosmetology. Focuses on a group of herbs with economic importance – the spices. These herbs demonstrate the richness of chemical diversity and potential pharmacological applications Features field photos with local healers, markets and mode of preparation as well as providing a complete monograph for each plant Discusses the collection and

observation of each medicinal spice and presents the ethnopharmacology recorded by the author in Bengal Provides a wealth of scientific information on medicinal spices from an expert in the field Fills an important niche due to the increasing global interests in natural foods and botanical drugs

Ethnobotany of India, Volume 5: The Indo-Gangetic Region and Central India is the fifth of a five-volume set on the ethnobotany of India. Bringing together in one place information on the ethnobotany of the Indo-Gangetic Region and Central India, this volume presents the valuable details of the ethnobotanical aspects of many plants of the region. Competent authors have been selected to summarize information on the various aspects of ethnobotany of India, such as ethnoecology, traditional agriculture, cognitive ethnobotany, material sources, traditional pharmacognosy, ethnoconservation strategies, bioprospection of ethno-directed knowledge, and documentation and protection of ethnobotanical knowledge. With chapters written by experts in the field, the book provides comprehensive information on the tribals (the indigenous populations of the region) and knowledge on plants that grow around them. The volume looks at ethnic diversity of people of the region ethnic food plants and food preparation ethnomedical aspects of plants of the region, including hepatoprotective properties, uses to alleviate skin diseases, contraceptive uses, the trade in Indian medicinal plants multidisciplinary approaches for herbal medicine exploration The volume includes the details of the plants studies, their medicinal uses, their scientific names, the specific parts used, and how the plants are used, providing the what, how, and why of plant usage. The book is well illustrated with 23 color and 6 b/w illustrations. Together, the five volumes in the Ethnobotany of India series presents the available ethnobotanical knowledge of India in one place. India's ancient and culturally rich and diverse information and use of ethnobotany will be valuable to those in the fields of botany and plant sciences, pharmacognosy and pharmacology, nutraceuticals, and others. The books also consider the threat to plant biodiversity imposed by environmental degradation, which impacts cultural diversity.

Phytomedicine: A Treasure of Pharmacologically Active Products from Plants aims to present updated knowledge of plant-based medicines in terms of their research and development, production, and utilization, from the viewpoint of sustainability and by using the latest technologies. The book explores different phytometabolites on a mass scale, coupled with the efficacy, performance and applicability on target organisms to treat curable and fatal diseases. Readers will find a coherent package of phytotherapeutic information regarding inclusive assortment of research based, scientific amplitude of metabolites from the plant world encompassing various action plans. Information is presented sequentially regarding phytochemistry, biological activity and the serviceable aspects of bioactive compounds. The book also addresses various advancements and achievements of novel drugs from plants using molecular and enzymatic activities, and various technological tools in an ecofriendly fashion. Discusses phytotherapeutic properties for a wide range of

medical conditions, including anti-pyretic, anti-infective, anti-malarial, Anti-AIDS, anti-diabetic, anti-cancerous, immune-modulatory applications Includes a discussion of synergistic effects of formulations and antagonistic drug interactions Addresses advancements and achievements of novel plant-based drugs using molecular, enzymatic activities and various technological tools in an eco-friendly fashion

This book is part of a two-volume set that offers an innovative approach towards developing methods and tools for assigning conservation categories of threatened taxa and their conservation strategies by way of different phases of eco-restoration in the context of freshwater river systems of tropical bio-geographic zones. The set provides a considerable volume of research on the biodiversity component of river ecosystems, seasonal dynamics of physical chemical parameters, geo-hydrological properties, types, sources and modes of action of different types of pollution, river restoration strategies and methodologies for the ongoing ecological changes of river ecosystems. Volume 1 provides an in-depth analysis of different theories with international relevance pertaining to the functioning of river ecosystems, shaping their structure and contributing ecological services, and includes the principles of riverine ecology such as biogeochemical cycles, physiography, hydrogeology, and physico-chemical parameters. It covers the basic concepts and principles of water within riverine ecosystems, and the underlying ecological principles operating to ensure ecological stability and sustainability of the fluvial ecosystem. The book explains the ecofunctionality of different geo-morphological, geo-hydrological and physico-chemical factors and processes in changing time scales and spaces, with special emphasis on the tropical fresh water rivers in India.

Ethnobotany deals with traditional and indigenous associations of people with plants. The subject has been attracting more and more scholars in India and many other countries. It's importance in search for new molecules from ethnomedicinal herbs and useful genes from wild relatives and land races of crops, still in use among many native folk, for genetic engineering has enhanced the importance of the discipline. The number of books and research papers published each year has been rapidly increasing .Research workers need to know about the work done on their topic of study. Bibliographies reviews greatly help in this and save their valuable time. About 2500 publications are listed in the present book. To facilitate the search of reference on particular region, ethnic groups or use categories indexes are given for providing clues to such search. Research guides can easily spot gaps in ethnobotanical studies in any ethnic society, as also regions of the country. Biographers will find from one source the work done in single or joint authorship by the scientist on whom they are writing. To facilitate this an index by surname of joint authors is also provided. The book will be an essential reference work for research workers.

The book deals with 200 plants species of Angiosperms. For the first time here is a detailed explanation of 200 herbs in

complete Ayurvedic perspective, aided with their botanical description, chemical constituents, Ayurvedic medicinal properties, clinical usage and also ethno-medicinal usage. The plants selected in the present book are fairly widely used in India for millennia. This book will help in generating a global interest in Ayurveda and medicinal plants in India. The author has done a commendable job to compile the useful information of plants, in addition with excellent coloured photographs, which facilitates its identification. Salient features of this Book are: (1) Species of plants are presented in Alphabetical order of their Botanical names. (2) In dealing with each species, after its Botanical name, all available Synonyms are mentioned. (3) This is followed by names popularly used in English and in other Indian languages with its distribution. (4) To help to identify the plant species, the taxonomic description is given. (5) Available information about the chemical constituents of each species is given. (6) Sanskrit Shlokas from relevant Nighantus describing the Ayurvedic Medicinal properties are first given in Devanagary Script followed by its rendering in Roman Script using Internationally recognized transliteration markings. (7) This is followed by giving its action and uses according to Ayurvedic therapeutics. (8) Information about its use in Ethnomedicinal practice is given, then. This book is helpful for Ethnobotanists, Ayurvedic medical practitioner, students and researchers as well as other reader's interested in the field of Ethno-medicine.

The book contains 150 papers on Ethnobotany, Medicinal Plants and Economic Plant of Indian Sub-continent.

The present book "Ethnobotany and Medicinal Plants of India and Nepal" is next publication in the series on Indian Medicinal Plants. The contributors of the papers in this book are well known Indian Ethnobotanists who have furnished authenticated data for further scientific and clinical tests. The information about the medicinal plants spread over 325 pages, covers various tribal communities from north to south and east to west and different ailments cured in nature's dispensary. Beautiful photographs of some medicinal plants have also been provided by some contributors. The information furnished in the book will be useful for controlling biopiracy, backing conservation strategies and facilitate better understanding of phytotherapy research.

Catalog of books on display at the 12th New Delhi World Book Fair, held at New Delhi in February 1996.

The present compendium is first of its kind providing up-to-date information on the phytotherapeutic potential (including biological activity and active constituents) of 360 Indian plants under 288 genera and 97 families for alleviating the suffering of mankind due to diabetes. These include mostly the angiosperms (351 species), followed by pteridophytes (6 species) and gymnosperms (3 species). Of the angiospermous taxa, 312 dicotyledonous species predominate in their antidiabetic properties. Over twenty-four colour photographs of the plants, two figures and seven appendices enhance the value of the compilation significantly. It is hoped that this monographic information source will serve as a multidisciplinary ready reckoner to ethnobotany graduates and

postgraduate students, researchers, pharmacists, medical practitioners, scientists and teacher through the globe.

This book help in learning how to read Tibetan. The aim throughout the lessons is to accustom the readers to understand more and more complex constructions and provides a solid Foundation in Tinetan morphology, syntax and verbally. An English-Tibetan Glossary verb declension chart listing the different stems of the verbs used in the bookhave made the book more readable and learnable.

With contributions by numerous experts

This new 5-volume set, Ethnobotany of India, provides an informative overview of human-plant interrelationships in India, focusing on the regional plants and their medicinal properties and uses. Each volume focuses on a different significant region of India, including Volume 1: Eastern Ghats and Deccan Volume 2: Western Ghats and West Coast of Peninsular India Volume 3: North-East India and Andaman and Nicobar Islands Volume 4: Western and Central Himalaya Volume 5: The Indo-Gangetic Region and Central India With chapters written by experts in the field, the book provides comprehensive information on the tribals (the indigenous populations of the region) and knowledge on plants that grow around them. Each volume includes an introductory chapter with an overview of the region and then goes on to cover ethnic diversity and culture of the ethnic tribes plants used for healing and medical purposes for humans and animals ethnic food plants and ethnic food preparation specific information on the ethnomedicinal plants, the parts used, and the diseases cured other uses of plants by the ethnic tribes, such as for fiber, dyes, flavor, and recreation conservation, documentation, and management efforts of the ethnic communities and their plant knowledge The books include the details of the plants used, their scientific names, the parts used, and how the plants are used, providing the what, how, and why of plant usage. The volumes are well illustrated with over 100 color and 130 b/w illustrations. Together, the five volumes in the Ethnobotany of India series bring together the available ethnobotanical knowledge of India in one place. India is one of the most important regions of the old world, and its ancient and culturally rich and diverse knowledge of ethnobotany will be valuable to many in the fields of botany and plant sciences, pharmacognosy and pharmacology, nutraceuticals, and others. The books also consider the threat to plant biodiversity imposed by environmental degradation, which impacts cultural diversity.

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