

Ethnoveterinary Practices In India A Review

With reference to India.

Ethnobotany of India: Volume 4: Western and Central Himalayas is the 4th volume of the 5-volume set, an informative book series on the ethnobotanical aspects of India. The books cover different regions, 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 Himalayas Volume 5: The Indo-Gangetic Region Each volume looks at the important ethnic plants of the specific region. Volume 4 covers the Western and Central Himalayas, the well-known mountain range on the Indian subcontinent. The unique flora and fauna of the Himalayas are varied, affected by climate, rainfall, altitude, and soils, and are vulnerable to impacts from climate change. The editors espouse that because indigenous non-Western societies form the vast majority of people now as well as in the past, a study of their plant interrelationships is necessary, and India is one of the most important regions of the old world for its ancient and culturally rich and diverse knowledge of ethnobotany. With this in mind, these volumes share a great deal of information that will be valuable to plant botanists and others working in and interested in ethnobotany. This important volume covers the ethnobotanical aspects of many plants of the region. It looks at ethnic diversity of people ethnic food plants and food

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preparation ethnomedical aspects of plants psychedelic plants and their possible link to soma, a vedic ritual drink whose plant origins are a mystery ethnoveterinary medicinal plants ethno-conservation practices biodiversity heritage sites The volume includes 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 book is well illustrated with 20 color and 67 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

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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 work describes the sheep husbandry and healthcare system of the Raikas in south-central Rajasthan. Aspects such as sheep breed diversity, fodder availability, disease prevalence and gender labor division are discussed. Special attention has been paid to traditional and conventional interventions and actors in sheep healthcare.

Ethnoveterinary knowledge and practices are described as well as weak and strong points of both conventional and traditional institutions and actors.

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

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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.

Papers presented at the National Seminar on Natural Resources and Tribal Communities in Northeast India, held at Pasighat during 7-8 February 2006.

Despite the undoubted success of a scientific approach to pharmaceuticals, the last few decades have witnessed a spectacular rise in interest in herbal medicinal products.

This general interest has been followed by increasing scientific and commercial attention that led to the coining of the term ethnopharmacology to describe the scientific discipline

Ethnobotany of India: Volume 3: North-East India and Andaman and Nicobar Islands is the third of a five-volume set of Ethnobotany of India. Bringing together in one place the important information on the ethnobotany of the North-East India and Andaman and Nicobar Island region of India, this informative volume presents the details of the tribes of the region, their numbers, their habitat, their culture, and particularly their usage of plants for various purposes.

As volume 2 of this three-volume set on phytochemistry, this book features chapters that comprehensively review a selection of important recent advances in ethnopharmacology and alternative and complementary medicines. It also presents

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many informative chapters on the medicinal potential of phytochemicals in the treatment and management of various diseases, such as cancer, diabetes, diabetic nephropathy, autoimmune diseases, neurological disorders, male infertility, and more. Ethnoveterinary Medicine in Asia An Information Kit on Traditional Animal Health Care Practices Phytochemistry Volume 2: Pharmacognosy, Nanomedicine, and Contemporary Issues CRC Press

The bibliography is aimed at all involved or interested in ethnoveterinary medicine: botanists, animal production professionals, veterinarians, anthropologists, social scientists, rural development professionals and anyone interested in Indigenous Knowledge.

The lives of animals in Russia are intrinsically linked to cultural, political and psychological transformations of the imperial, Soviet, and post-Soviet eras. *Other Animals* examines the interaction of animals and humans in Russian literature, art, and life from the eighteenth century until the present. The chapters explore the unique nature of the Russian experience in a range of human-animal relationships through tales of cruelty, interspecies communion and compassion, and efforts to either overcome or establish the human-animal divide. Four themes run through the volume: the prevalence of animals in utopian visions; the ways in which Russians have incorporated and sometimes challenged Western sensibilities and practices, such as the humane treatment of animals and the inclusion of animals in urban domestic life;

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the quest to identify and at times exploit the physiological basis of human and animal behavior and the ideological implications of these practices; and the breakdown of traditional human-animal hierarchies and categories during times of revolutionary upheaval, social transformation, or disintegration. From failed Soviet attempts to transplant the seminomadic Sami and their reindeer herds onto collective farms, to performance artist Oleg Kulik's scandalous portrayal of Pavlov's dogs as a parody of the Soviet "new man," to novelist Tatyana Tolstaya's post-cataclysmic future world of hybrid animal species and their disaffection from the past, *Other Animals* presents a completely new perspective on Russian and Soviet history. It also offers a fascinating look into the Russian psyche as seen through human interactions with animals.

For the last 6000 years turmeric has been used in Ayurvedic medicine to alleviate pain, balance digestion, purify body and mind, clear skin diseases, expel phlegm, and invigorate the blood. Nowadays, this plant has acquired great importance with its anti-aging, anti-cancer, anti-Alzheimer, antioxidant, and a variety of other medicinal properties. The need of the hour is to verify and validate the traditional uses by subjecting them to proper experimental studies. To do this effectively there needs to be a single comprehensive source of the knowledge to date. *Turmeric: the genus Curcuma* is the first comprehensive monographic treatment on turmeric. It covers all aspects of turmeric including botany, genetic resources, crop improvement, processing, biotechnology, pharmacology, medicinal and traditional uses, and its use as a spice

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and flavoring. Bringing together the premier experts in the field from India, Japan, UK, and USA, this book offers the most thorough examination of the cultivation, market trends, processing, and products as well as pharmacokinetic and medicinal properties of this highly regarded spice. While Ayurveda has known for millennia that turmeric cleanses the body, modern science has now discovered that it produces glutathione-S-transferase that detoxifies the body and therefore strengthens the liver, heart, and immune system. By comparing traditional uses with modern scientific discoveries, the text provides a complete view of the medicinal value and health benefits of turmeric. Heavily referenced with an exhaustive bibliography at the end of each chapter, the book collects and collates the currently available data on turmeric. Covering everything from cultivation to medicine, *Turmeric: the Genus Curcuma* serves as an invaluable reference for those involved with agriculture, marketing, processing or product development, and may function as a catalyst for future research into the health benefits and applications of turmeric.

This is the second of a five-volume set. This series of volumes on the ethnobotany of different regions of India melds important knowledge in one place. India is one of the most important regions of the old world and has culturally rich and diverse knowledge systems. The expert 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

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strategies, bioprospection of ethnodirected knowledge, and protection of ethnobotanical knowledge.

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

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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.

After the experience of the first volume, The World Association for Animal Production (WAAP) continues the publication of the Book of the Year series for the benefit of animal scientists and policy makers in the field of livestock systems. The WAAP asked the best known and significant animal scientists in the world to contribute to the preparation of this book. Following the success of the first volume of the series, the WAAP Book of the Year 2003, many authors from the six continents are contributing to this 2nd volume. The importance of this publication is to have already established a worldwide reference for the animal science and production sectors. There are the usual four sections that raised much interest in the previous volume of the series. The first section has six

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articles, describing the changing conditions of livestock systems in each of the six continents. The second section has more than twenty papers, describing the development of the many sectors in which the animal science field has been divided. The third section, dealing with contemporary issues, is declared by our readers to be the most interesting. It allows participating authors to describe current and significant issues important in these last years for the animal science and production sectors. The statistics produced in the previous volume are updated and enhanced with new figures in this book to form the fourth section. The papers included in this book speak clearly of the development in the last twelve months in the livestock systems worldwide. Major space is also devoted to the list of references from where every author can start to deepen his knowledge. This book is essential for libraries that want their readers to be easily updated. Also scientists, policy makers and scientific writers, who need, to enhance their competence, to have the most practical way of knowing what is going on in the world in the field of livestock science and production will find this book of great value.

This full-color reference offers practical, evidence-based guidance on using more than 120 medicinal plants, including how to formulate herbal remedies to treat common disease conditions. A body-systems based review explores herbal

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medicine in context, offering information on toxicology, drug interactions, quality control, and other key topics. More than 120 herbal monographs provide quick access to information on the historical use of the herb in humans and animals, supporting studies, and dosing information. Includes special dosing, pharmacokinetics, and regulatory considerations when using herbs for horses and farm animals. Expanded pharmacology and toxicology chapters provide thorough information on the chemical basis of herbal medicine. Explores the evolutionary relationship between plants and mammals, which is the basis for understanding the unique physiologic effects of herbs. Includes a body systems review of herbal remedies for common disease conditions in both large and small animals. Discusses special considerations for the scientific research of herbs, including complex and individualized interventions that may require special design and nontraditional outcome goals.

This book entitled the wealth of mankind presents a unified analysis of the important factors which determine our wealth. It describes the ways for substantially increasing the personal and national income through improvements in quality, quantity, rejuvenation, unity and life expectancy. The approach is quantitative to some extent and has been illustrated with respect to India, USA and Japan. The inquiry also covers the related aspects of unity, yoga, spirituality

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and the roles played by family, engineers, teachers, emotion builders, farmers, labor, wealth managers, doctors, non-players, negative players, and other forms of life and sunlight in shaping our wealth in all its dimensions. This book is an unorthodox but scientific and comprehensive presentation of a variety of practical ways to multiply the true wealth of everyone manyfold within a span of few years while at the same time nourishing the wealth called mankind and life.

This book is based on the original research of the authors, and highlights the ethnoveterinary medicinal importance of about 265 plant species belonging to 91 families. The plant species have been illustrated either by coloured photographs or line drawings. Ethnoveterinary herbs have been described along with their latest valid botanical name, with vernacular names in use in the area covered; a systematic and brief botanical description; phenology giving themonths of flowering and fruiting and ethnoveterinary medicinal uses. The book is profusely illustrated to aid recognition of herbs described in this work. An attempt has been made to name the tribemaking specific use and methods of preparation of the drug, dosage and duration have also been highlighted. Besides herbs, ethnoveterinary remedies based on animal and animal products and minerals are also given in the book.

Fungi bio-prospects in sustainable agriculture, environment and nanotechnology

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is a three-volume series that has been designed to explore the huge potential of the many diverse applications of fungi to human life. The series unveils the latest developments and scientific advances in the study of the biodiversity of fungi, extremophilic fungi, and fungal secondary metabolites and enzymes, while also presenting cutting-edge molecular tools used to study fungi. Readers will learn all about the recent progress and future potential applications of fungi in agriculture, environmental remediation, industry, food safety, medicine, and nanotechnology. Volume 1 will cover the biodiversity of fungi and the associated biopotential applications. This volume offers insights into both basic and advanced biotechnological applications in human welfare and sustainable agriculture. The chapters shed light on the different roles of fungi as a bio-fertilizer, a bio-control agent, and a component of microbial inoculants. They also focus on the various applications of fungi in bio-fuel production, nano-technology, and in the management of abiotic stresses such as drought, salinity, and metal toxicity. Provides a deep understanding of fungi and summarizes fungi's various applications in the fields of microbiology and sustainable agriculture Describes the role of fungal inoculants as biocontrol agents, and in improved stress tolerance and growth of plants

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.

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

Currently ethnobotany has been a subject of wide interest for research in developing and developed countries. The book has been dedicated to the doyen of Indian ethnobiology, Dr. S.K. Jain, FNA, popularly known as 'Father of Indian Ethnobotany'. The book comprises very important articles written by notable ethnobiologists/ botanists on different aspects of ethnobotany. The book would certainly be useful to the students, researchers and teachers working on various aspects of ethnobotany and helpful to various pharmaceutical industries in exploring plants for preparation of new drugs.

The present book has been designed to bind prime knowledge of climate change-induced impacts on various aspects of our environment and its biological diversity. The book also contains updated information, methods and tools for the monitoring and conservation of impacted biological diversity.

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The importance of a complementary approach to animal health is highlighted in this book, with core themes encompassing reviews of traditional veterinary medicine for common diseases afflicting livestock, as well as local practices in different areas of the world. The book includes chapters on ethnoveterinary medicine used to prevent and treat ticks and tick-borne diseases, infectious diseases and parasites. Ethnoveterinary practices in parts of the world which have not been comprehensively reviewed before are highlighted, including Estonia, Belarus and the Maghreb - the north-western tip of Africa. A fascinating account of African ethnoveterinary medicine and traditional husbandry practices is provided by a veteran in the field with a wealth of practical experience in the area. Neglected areas of research involve the relationship of ethnoveterinary medicine with environmental, ethical, cultural and gender aspects, and leading experts explore these issues. The book is intended to provide an informative compilation of current research and future prospects in ethnoveterinary medicine, which hopes to inform and encourage investigations in new directions. Sustainable development requires a concerted effort to combine indigenous knowledge systems with scientific research to improve animal health. This is the case not only in rural areas where access to orthodox veterinary health care may be limited, but also against the backdrop of antibiotic resistance and increased demand for alternative and complementary therapies to enhance the health of both production and companion animals. Students, academics and veterinary professionals will find this book a useful addition to knowledge on present and future aspects of ethnoveterinary research. Proceedings of the International Conference on Ethnoveterinary Medicine: Alternatives for Livestock Development, held in Pune, India, on 4-6 November, 1997. Ethnobotany of India: Volume 3: North-East India and Andaman and Nicobar Islands is the third

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of a five-volume set of Ethnobotany of India. Bringing together in one place the important information on the ethnobotany of the North-East India and Andaman and Nicobar Island region of India, this informative volume presents the details of the tribes of the region, their numbers, their habitat, their culture, and particularly their usage of plants for various purposes. Here, at last, is the massively updated and augmented second edition of this landmark encyclopedia. It contains approximately 1000 entries dealing in depth with the history of the scientific, technological and medical accomplishments of cultures outside of the United States and Europe. The entries consist of fully updated articles together with hundreds of entirely new topics. This unique reference work includes intercultural articles on broad topics such as mathematics and astronomy as well as thoughtful philosophical articles on concepts and ideas related to the study of non-Western Science, such as rationality, objectivity, and method. You'll also find material on religion and science, East and West, and magic and science. 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

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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.

Ethnobotany of India: Volume 1: Eastern Ghats and Adjacent Deccan, the first of a five-volume set, provides an informative overview of human-plant interrelationships in this southern area of India. The volume looks at the ethnic diversity, ethnobotany, ethnomedicine, ethnoveterinary medicine, and ethnic food of the region. 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.

This full-color text and practical clinical reference provides comprehensive information on herbal remedies for both large and small animal species. Key coverage includes clinical uses of medicinal plants, specific information on how to formulate herbal remedies, a systems-based

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review of plant-based medicine, and in-depth information on the different animal species--dog, cat, avian and exotic, equine, food animal, and poultry.

“Green gold” or “Poor Man’s Timber” are commonly used terms for bamboo that is a valuable and renewable resource of the world, and has always been an elemental part of human beings in terms of social and economic value. Bamboo is considered a multipurpose plant and has a prolonged history as an adaptable and extensively used renewable resource in conventional and commercial applications. Therefore, the annual demands for bamboos have already out-crossed the annual yields across the world. And the current scenario has forced scientists to pay more attention to the utilization of biotechnological tools for better understanding and improving bamboos. The book provides an overview of the different biotechnological approaches to advance bamboo research and better utilization of bamboo resources for human beings. Various applications of biological techniques in relation to bamboo have been discussed in details, for example, plant tissue culture techniques, somatic embryogenesis, germplasm conservation techniques, use of the molecular markers, transcriptomics, polymorphism, and phylogenetic relations in bamboo. It also addresses the novel industrial applications of bamboo in structural, food, and pharmaceuticals along with traditional uses. The aggregated information in this book demonstrates the way for the improved and sustainable practice of bamboos to fulfill the future needs of the world. This book is intended for use in both the industry and academia

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