

## Free epub Orchids of orissa (Download Only)

contains information on the following crops tubers ornamentals herbs spices vegetables fruits energy plants root crops flowers trees plantation crops and agroforestry crops orchids are beautiful aren't they decorations made of these spectacular plants make the whole atmosphere divine their range of colour the pattern of the flowers and the dots and ridges on the floral parts make them unique and different interestingly they are the most well praised medicinal plants in the world for ages most countries have been harbouring and using these plants to treat several ailments like that in ayurved ancient chinese medicine etc they're also advocated and boasted for potential healers besides numerous folklore uses which may or may not be documented can be traced being very juvenile our research has provided scanty as compared to their actual uses information on the validation part of these plants orchids in traditional medicine tries to take you to the mysteriously beautiful world of orchids providing a glimpse into understanding their potential and medicinal uses it also seeks to putatively understand the ayurvedic doctrine and the existing disputes regarding the use of orchids let us now explore the world of medicinal orchids contributed articles with special reference to india the book contains 150 papers on ethnobotany medicinal plants and economic plant of indian sub continent the volume on oilseed crops is developed as a part of a series on handbook of agrobiodiversity conservation and use of plant genetic resources the handbook would function as a ready reference book for availability of pgr globally along with specific source wherefrom they can be procured and used breeding programs particularly to overcome various crop production constraints and to improve productivity and quality the volume on floriculture and ornamental plants will be the source of basic information on origin and evolution and global dispersal of cultivated species of ornamentals presently floriculture has established its credibility in improving income through increased productivity generating employment and in enhancing exports all research and developmental activities on ornamental crops are essentially multi disciplinary in nature recognizing local issues as well as country issue floriculture is developing as an area of high technology based frontier interdisciplinary area on scientific excellence floriculture has progressed both scientifically and commercially due to concentrated efforts made on multidisciplinary research it is developing as an area of high technology based frontier interdisciplinary area on scientific excellence the volume will contain all information about different ornamentals this shall be put together to develop a complete documentation of the results of the research and demonstrations conducted by different scientists the volume will provide an illustrated horto taxonomical account of important ornamental species and cultivars germplasm status and their usages propagation nursery management techno economics conventional breeding induced mutagenesis new varieties cytogenetics tissue culture characterization of varieties dehydration of flowers etc this volume will give a coherent and concise account on recent developments it will deal with all the important and relevant aspects of floriculture the publication of this volume is planned to reveal multifarious activities done on different aspects of floriculture so that innovations made so far can be used judiciously for this sector this book shall provide authoritative review account of many aspects of current interest and progress in the field of floriculture the topics included in the book are interdisciplinary and cater not only classical floriculture but also relevant modern aspects the book will provide valuable data on different aspects and will be widely accepted by professional scientists researchers teachers students floriculturists technocrats and planners the volume will be an invaluable asset to floriculture scientists this book offers a fresh look on a variety of issues concerning herbal medicine the methods of growing and harvesting various medicinal plants their phytochemical content medicinal usage regulatory issues and mechanism of action against myriad of human and animal ailments medicinal plants from farm to pharmacy comprises chapters authored by renowned experts from academics and industry from all over the world it provides timely in depth study analysis of medicinal plants that are already available in the market as supplements or drug components while also introducing several traditional herbs with potential medicinal applications from various regions of the world the book caters to the needs of a diverse group of readers plant growers who are looking for ways to enhance the value of their crops by increasing phytochemical content of plant products biomedical scientists who are studying newer applications for crude herbal extracts or isolated phytochemicals clinicians and pharmacologists who are studying interactions of herbal compounds with conventional treatment modalities entrepreneurs who are navigating ways to bring novel herbal supplements to the market and finally natural medicine enthusiasts and end users who want to learn how herbal compounds are produced in nature how do they work and how are they used in traditional or modern medicine for various disease indications this new 2 volume set aims to share and preserve ethnic and traditional knowledge of herbal medicine and treatments while also emphasizing the link between biodiversity human nutrition and food security ethnic knowledge and perspectives of medicinal plants is divided into two volumes with volume 1 focusing on the traditional use of curative properties and treatment strategies of medicinal plants and volume 2 addressing the varied nutritional and dietary benefits of medicinal plants and the practice of ayurveda both volumes stress the importance of bioresources for human nutrition and nutraceuticals based on ethnic knowledge and the need for efforts to protect biodiversity in many regions rich with medicinal plants exploring the benefits of medicinal plants in disease prevention treatment and management volume 1 discusses the traditional use of medicinal plants as promising therapeutics for cancer liver conditions covid 19 and other human ailments it examines the efficacy of ayurvedic and chinese herbal medicine indian traditional medicine and other ethnic herbal practices used by indigenous peoples of azerbaijan south america turkey india etc a variety of plants are discussed and the ethnomedicinal applications of over 100 wild mushrooms for their medicinal and healthcare purposes are elaborated on while volume 1 focuses primarily on natural plant resources for addressing specific health issues volume 2 looks at traditional medicinal plant use for their nutritional and dietary benefits while also encouraging the preservation of biodiversity for healthy and sustainable diets the volume presents information on over 2200 vascular plant taxa from 127 families as well as many taxa from leaf parts fruits underground parts floral parts seeds and more that have potential use as edible food plants ethnic knowledge on the wild edible mushrooms is an emerging area which is unique and is dependent on the folk knowledge of tribals this volume discusses the unique nutritional attributes of wild edible mushrooms 206 species belonging to 73 genera in southern india the authors look at various lichens as nutritional aids and medicine and as flavoring agents and spices fucoidans derived from the seaweeds and spirulina are described for their antioxidant activity nutritional and anti aging properties antiviral activities anti cancer properties anti diabetic properties and more the authors also examine how ethnicity affects healthcare nutritive systems at different levels through various dynamics such as lower income inability for services uptake disputes among different ethnic groups cultural attitudes some ethnic group are vegetarian lack of socio economic resources and disease prevalence together these two important volumes aim to preserve and disseminate the valuable ethnic knowledge of medicinal plants gained over thousands of years and to promote the value of integrating and safeguarding biodiversity the book gives complete details of orchids of eastern ghats in india brief details of eastern ghats its geology soils climate etc have been given at the beginning a bracketed key to the genera and key to the species have been given it is followed by systematic enumeration a total of 197 taxa belonging to 66 genera of orchidaceae have been systematically enumerated under each species citation according to latest icn synonyms to connect to national and regional floras type etymology detailed description flowering and fruiting season habitat distribution world india eastern ghats and specimens examined have been given all the references about orchids of eastern ghats have been given at the end the essence

of this book is the coloured photographs for all the species available in eastern ghats line diagrams have also been given for some species endemic and threat categories have also been mentioned index to genera and species has been given at the end this unique book brings together a wealth of data on the botanical ethno medicinal and pharmacological aspects of over 500 species of asian medicinal orchids it starts off by explaining the role and limitations of complimentary and herbal medicines and how traditional asian medicine differs from western scientific medicine the different asian medical traditions are described as well as their modes of preparing herbal remedies the core of the book presents individual medicinal orchid species arranged by genera each species is identified by its official botanical name synonyms and local names its distribution habitat and flowering season uses and pharmacology are described an overview sums up the research findings on all species within each genus clinical observations are discussed whenever available and possible therapeutic applications are highlighted the book closes with chapters on the conservation of medicinal orchids and on the role of randomized clinical trials did you know that vanilla was formerly served as aphrodisiac by cassanova and madam pompadour and elizabeth i loved its flavor this is the first book that provides a complete worldwide coverage of orchids being employed as aphrodisiacs medicine or charms and food opening with an in depth historical account of orchids orchis greek testicle the author describes how the theory of signatures influenced ancient herbalists to regard terrestrial orchid tubers as aphrodisiacs doctors and apothecaries promoted it during the renaissance usage of orchids in traditional chinese medicine indian ayurvedic medicine by tibetan yogins and amchi healers for longevity pills tonics and aphrodisiacs by africans to prepare health promoting chikanda or as survival food when lost in the australian bush are some highlights of the book early settlers in america and the east indies often relied on native remedies and employment of orchids for such needs is described also covered are the search for medicinal compounds by scientists attempts to prove the orchid s efficacy by experiment and the worry of conservationists this book on orchid biology recent trends challenges reviews the latest strategies for the preservation and conservation of orchid diversity and orchid germplasm it is an outcome of the proceedings of the international symposium on biodiversity of medicinal plants orchids emerging trends and challenges held on 9 11 february 2018 at acharya nagarjuna university india in addition eminent orchid experts from around the globe were invited to contribute to this book all chapters were peer reviewed by international experts the orchidaceae are one of the largest families of flowering plants comprising over 700 genera and 22 500 species and contributing roughly 40 percent of monocotyledons they also represent the second largest flowering plant family in india with 1 141 species in 166 genera and contribute roughly 10 of indian flora orchids comprise a unique group of plants and their flowers are among the most enchanting and exquisite creations of nature phylogenetically and taxonomically the orchidaceae are considered to be a highly evolved family among angiosperms they show incredible diversity in terms of the shape size and colour of their flowers and are of great commercial importance in floriculture markets around the globe millions of cut flowers of cymbidium dendrobium cattleya paphiopedilum phalaenopsis vanda etc besides potted orchid plants are sold in western countries and thus the orchid cut flower industry has now become a multimillion dollar business in europe the usa and south east asia besides their ornamental value orchids hold tremendous pharmaceutical potential root tubers of habenaria edgeworthii form an important component of the astavarga group of drugs in ayurvedic medicine it is an established fact that tubers of some terrestrial orchids have been used to treat diarrhoea dysentery intestinal disorders cough cold and tuberculosis some orchids particularly those belonging to the genera aerides arachnis cattleya cymbidium dendrobium epidendrum oncidium paphiopedilum phalaenopsis renanthera vanda etc have been extensively used to produce internationally acclaimed hybrids yet paradoxically indian orchids are victims of their own beauty and popularity as a result their natural populations have been declining rapidly because of unbridled commercial exploitation in india and abroad in fact some orchids are now at the verge of extinction e g renanthera imschootiana diplomeris hirsuta paphiopedilum fairrieanum cypripedium elegans taeniophyllum andamanicum etc given the global importance of orchids in terms of securing human health and wealth this comprehensive compilation prepared by international experts is highly topical its content is divided into five main sections i cryopreservation biotechnology ii orchid biodiversity conservation iii anatomy physiology iv pollination biology and v orchid chemicals bioactive compounds all contributions were written by eminent orchid experts professors from around the world making the book a valuable reference guide for all researchers teachers orchid enthusiasts orchid growers and students of biotechnology botany pharmaceutical sciences and ethnomedicine it will be equally valuable for readers from the horticultural industry especially the orchid industry agricultural scientists and policymakers the volume highlights the relevance of indigenous knowledge of south asian tribal and rural communities in sustainable management of forests and local resources with case studies it shows that collective initiatives at the grassroots level and locally accepted patterns of livelihood of these communities can help address challenges of economic development vis a vis environmental hazard and a declining resource base orchids account for a large share of global floriculture trade both as cut flowers and as potted plants and are estimated to comprise around 10 of international fresh cut flower trade the average value of fresh cut orchids and buds trade during 2007 2012 was us 483 million in 2012 there are more than 40 countries exporting orchids and 60 countries importing orchids around the world with the total size of the global trade equaling us 504 million in india about 1350 species belonging to 186 genera represent approximately 5 98 of the world orchid flora and 6 83 of the flowering plants in india the publication on commercial orchids is presented in 15 interesting chapters vividly highlighting the global orchid industry bio diversity conservation and bio piracy of genetic resources morphological and molecular characterization of valuable species breeding approaches for improved genotypes production of quality planting materials physiology of tropical and temperate orchids climate change and its impact on orchid productivity production technology of commercial epiphytic orchids for cut flower production technology of commercial terrestrial orchids for cut flower orchids for pot culture hanging baskets and tree mounting medicinal and aromatic orchids post harvest management of cut flowers of commercial orchids value addition and marketing this book provides comprehensive insights into the existing and emerging trends in orchid biology based on the findings of omics high throughput technology biotechnology molecular breeding and genome editing approaches in orchids it illustrates molecular mechanisms of orchid mycorrhizal symbiosis according to the recent achievements of transcriptomics and bioinformatics studies which accelerate the progress of orchid research with the aid of their high throughput tools in this book a comprehensive view of orchid breeding was presented and it includes fundamental methods as well as advanced strategies through the combination of several technologies such as genetic engineering omics computational biology and genome editing these resulting knowledge and tools are highly beneficial for obtaining novel and fascinating varieties in the orchid market which is a competitive industry of global trade another interesting content is the focus on the production of orchid bioactive compounds and their values in the field of ethnomedicine their sources chiefly came from secondary metabolites and can be enriched through elicitors and produced more efficiently by improved tissue culture protocols and bioreactors in this edited collection we provided space for presenting an updated review of in vitro seed germination which is a routine technology for well trained researchers but can give a complete demonstration for the potential audiences including growers and research beginners this book collects refined knowledge from a broad source of scientific literature by experts in the field of orchid research and surely is an adequate reference and textbook for students teachers and researchers it includes methods and applications of orchid breeding technology which would gain high attention from growers breeders and the related fields of agriculture contributed papers papers presented at the national seminar on conservation and utilization of medicinal and aromatic plants held at bhubaneswar during 4 6 december 2001 in indian context festschrift for gunnar seidenfan 1908

2001 danish orchidologist contributed articles predominantly with reference to india contributed papers presented at the festival with special reference to the species found in northeastern region of india records publications acquired from afghanistan bangladesh bhutan india maldives nepal pakistan and sri lanka by the u s library of congress offices in new delhi india and karachi pakistan

Orchids of Orissa 2004 contains information on the following crops tubers ornamentals herbs spices vegetables fruits energy plants root crops flowers trees plantation crops and agroforestry crops

**Orchids of Odisha** 2014 orchids are beautiful aren't they decorations made of these spectacular plants make the whole atmosphere divine their range of colour the pattern of the flowers and the dots and ridges on the floral parts make them unique and different interestingly they are the most well praised medicinal plants in the world for ages most countries have been harbouring and using these plants to treat several ailments like that in ayurved ancient chinese medicine etc they're also advocated and boasted for potential healers besides numerous folklore uses which may or may not be documented can be traced being very juvenile our research has provided scanty as compared to their actual uses information on the validation part of these plants orchids in traditional medicine tries to take you to the mysteriously beautiful world of orchids providing a glimpse into understanding their potential and medicinal uses it also seeks to putatively understand the ayurvedic doctrine and the existing disputes regarding the use of orchids let us now explore the world of medicinal orchids

Underutilized and Underexploited Horticultural Crops 2007 contributed articles with special reference to india

Orchids of India 1980 the book contains 150 papers on ethnobotany medicinal plants and economic plant of indian sub continent

**Orchids in Traditional Medicine** 2020-01-07 the volume on oilseed crops is developed as a part of a series on handbook of agrobiodiversity conservation and use of plant genetic resources the handbook would function as a ready reference book for availability of pgr globally along with specific source wherefrom they can be procured and used breeding programs particularly to overcome various crop production constraints and to improve productivity and quality the volume on floriculture and ornamental plants will be the source of basic information on origin and evolution and global dispersal of cultivated species of ornamentals presently floriculture has established its credibility in improving income through increased productivity generating employment and in enhancing exports all research and developmental activities on ornamental crops are essentially multi disciplinary in nature recognizing local issues as well as country issue floriculture is developing as an area of high technology based frontier interdisciplinary area on scientific excellence floriculture has progressed both scientifically and commercially due to concentrated efforts made on multidisciplinary research it is developing as an area of high technology based frontier interdisciplinary area on scientific excellence the volume will contain all information about different ornamentals this shall be put together to develop a complete documentation of the results of the research and demonstrations conducted by different scientists the volume will provide an illustrated horto taxonomical account of important ornamental species and cultivars germplasm status and their usages propagation nursery management techno economics conventional breeding induced mutagenesis new varieties cytogenetics tissue culture characterization of varieties dehydration of flowers etc this volume will give a coherent and concise account on recent developments it will deal with all the important and relevant aspects of floriculture the publication of this volume is planned to reveal multifarious activities done on different aspects of floriculture so that innovations made so far can be used judiciously for this sector this book shall provide authoritative review account of many aspects of current interest and progress in the field of floriculture the topics included in the book are interdisciplinary and cater not only classical floriculture but also relevant modern aspects the book will provide valuable data on different aspects and will be widely accepted by professional scientists researchers teachers students floriculturists technocrats and planners the volume will be an invaluable asset to floriculture scientists

**Orchids** 2001 this book offers a fresh look on a variety of issues concerning herbal medicine the methods of growing and harvesting various medicinal plants their phytochemical content medicinal usage regulatory issues and mechanism of action against myriad of human and animal ailments medicinal plants from farm to pharmacy comprises chapters authored by renowned experts from academics and industry from all over the world it provides timely in depth study analysis of medicinal plants that are already available in the market as supplements or drug components while also introducing several traditional herbs with potential medicinal applications from various regions of the world the book caters to the needs of a diverse group of readers plant growers who are looking for ways to enhance the value of their crops by increasing phytochemical content of plant products biomedical scientists who are studying newer applications for crude herbal extracts or isolated phytochemicals clinicians and pharmacologists who are studying interactions of herbal compounds with conventional treatment modalities entrepreneurs who are navigating ways to bring novel herbal supplements to the market and finally natural medicine enthusiasts and end users who want to learn how herbal compounds are produced in nature how do they work and how are they used in traditional or modern medicine for various disease indications

**Ethnobotany and Medicinal Plants of Indian Subcontinent** 2019-06-25 this new 2 volume set aims to share and preserve ethnic and traditional knowledge of herbal medicine and treatments while also emphasizing the link between biodiversity human nutrition and food security ethnic knowledge and perspectives of medicinal plants is divided into two volumes with volume 1 focusing on the traditional use of curative properties and treatment strategies of medicinal plants and volume 2 addressing the varied nutritional and dietary benefits of medicinal plants and the practice of ayurveda both volumes stress the importance of bioresources for human nutrition and nutraceuticals based on ethnic knowledge and the need for efforts to protect biodiversity in many regions rich with medicinal plants exploring the benefits of medicinal plants in disease prevention treatment and management volume 1 discusses the traditional use of medicinal plants as promising therapeutics for cancer liver conditions covid 19 and other human ailments it examines the efficacy of ayurvedic and chinese herbal medicine indian traditional medicine and other ethnic herbal practices used by indigenous peoples of azerbaijan south america turkey india etc a variety of plants are discussed and the ethnomedicinal applications of over 100 wild mushrooms for their medicinal and healthcare purposes are elaborated on while volume 1 focuses primarily on natural plant resources for addressing specific health issues volume 2 looks at traditional medicinal plant use for their nutritional and dietary benefits while also encouraging the preservation of biodiversity for healthy and sustainable diets the volume presents information on over 2200 vascular plant taxa from 127 families as well as many taxa from leaf parts fruits underground parts floral parts seeds and more that have potential use as edible food plants ethnic knowledge on the wild edible mushrooms is an emerging area which is unique and is dependent on the folk knowledge of tribals this volume discusses the unique nutritional attributes of wild edible mushrooms 206 species belonging to 73 genera in southern india the authors look at various lichens as nutritional aids and medicine and as flavoring agents and spices fucoidans derived from the seaweeds and spirulina are described for their antioxidant activity nutritional and anti aging properties antiviral activities anti cancer properties anti diabetic properties and more the authors also examine how ethnicity affects healthcare nutritive systems at different levels through various dynamics such as lower income inability for services uptake disputes among different ethnic groups cultural attitudes some ethnic group are vegetarian lack of socio economic resources and disease prevalence together these two important volumes aim to preserve and disseminate the valuable ethnic knowledge of medicinal plants gained over thousands of years and to promote the value of integrating and safeguarding biodiversity

**Journal of Economic and Taxonomic Botany** 1995 the book gives complete details of orchids of eastern ghats in india brief details of eastern ghats its geology soils climate etc have been given at the beginning a bracketed key to the genera and key to the species have been given it is followed by systematic enumeration a total of 197 taxa belonging to 66 genera of orchidaceae have been systematically enumerated under each species citation according to latest icn synonyms to connect to national and

regional floras type etymology detailed description flowering and fruiting season habitat distribution world india eastern ghats and specimens examined have been given all the references about orchids of eastern ghats have been given at the end the essence of this book is the coloured photographs for all the species available in eastern ghats line diagrams have also been given for some species endemic and threat categories have also been mentioned index to genera and species has been given at the end

**Floriculture and Ornamental Plants** 2022-07-05 this unique book brings together a wealth of data on the botanical ethno medicinal and pharmacological aspects of over 500 species of asian medicinal orchids it starts off by explaining the role and limitations of complimentary and herbal medicines and how traditional asian medicine differs from western scientific medicine the different asian medical traditions are described as well as their modes of preparing herbal remedies the core of the book presents individual medicinal orchid species arranged by genera each species is identified by its official botanical name synonyms and local names its distribution habitat and flowering season uses and pharmacology are described an overview sums up the research findings on all species within each genus clinical observations are discussed whenever available and possible therapeutic applications are highlighted the book closes with chapters on the conservation of medicinal orchids and on the role of randomized clinical trials

**Medicinal Plants** 2019-11-11 did you know that vanilla was formerly served as aphrodisiac by cassanova and madam pompadour and elizabeth i loved its flavor this is the first book that provides a complete worldwide coverage of orchids being employed as aphrodisiacs medicine or charms and food opening with an in depth historical account of orchids orchis greek testicle the author describes how the theory of signatures influenced ancient herbalists to regard terrestrial orchid tubers as aphrodisiacs doctors and apothecaries promoted it during the renaissance usage of orchids in traditional chinese medicine indian ayurvedic medicine by tibetan yogins and amchi healers for longevity pills tonics and aphrodisiacs by africans to prepare health promoting chikanda or as survival food when lost in the australian bush are some highlights of the book early settlers in america and the east indies often relied on native remedies and employment of orchids for such needs is described also covered are the search for medicinal compounds by scientists attempts to prove the orchid s efficacy by experiment and the worry of conservationists

**Significance of Indian Medicinal Plants and Mushrooms** 2023-10-20 this book on orchid biology recent trends challenges reviews the latest strategies for the preservation and conservation of orchid diversity and orchid germplasm it is an outcome of the proceedings of the international symposium on biodiversity of medicinal plants orchids emerging trends and challenges held on 9 11 february 2018 at acharya nagarjuna university india in addition eminent orchid experts from around the globe were invited to contribute to this book all chapters were peer reviewed by international experts the orchidaceae are one of the largest families of flowering plants comprising over 700 genera and 22 500 species and contributing roughly 40 percent of monocotyledons they also represent the second largest flowering plant family in india with 1 141 species in 166 genera and contribute roughly 10 of indian flora orchids comprise a unique group of plants and their flowers are among the most enchanting and exquisite creations of nature phylogenetically and taxonomically the orchidaceae are considered to be a highly evolved family among angiosperms they show incredible diversity in terms of the shape size and colour of their flowers and are of great commercial importance in floriculture markets around the globe millions of cut flowers of cymbidium dendrobium cattleya paphiopedilum phalaenopsis vanda etc besides potted orchid plants are sold in western countries and thus the orchid cut flower industry has now become a multimillion dollar business in europe the usa and south east asia besides their ornamental value orchids hold tremendous pharmaceutical potential root tubers of habenaria edgeworthii form an important component of the astavarga group of drugs in ayurvedic medicine it is an established fact that tubers of some terrestrial orchids have been used to treat diarrhoea dysentery intestinal disorders cough cold and tuberculosis some orchids particularly those belonging to the genera aerides arachnis cattleya cymbidium dendrobium epidendrum oncidium paphiopedilum phalaenopsis renanthera vanda etc have been extensively used to produce internationally acclaimed hybrids yet paradoxically indian orchids are victims of their own beauty and popularity as a result their natural populations have been declining rapidly because of unbridled commercial exploitation in india and abroad in fact some orchids are now at the verge of extinction e g renanthera imschootiana diplomeris hirsuta paphiopedilum fairrieanum cypripedium elegans taeniophyllum andamanicum etc given the global importance of orchids in terms of securing human health and wealth this comprehensive compilation prepared by international experts is highly topical its content is divided into five main sections i cryopreservation biotechnology ii orchid biodiversity conservation iii anatomy physiology iv pollination biology and v orchid chemicals bioactive compounds all contributions were written by eminent orchid experts professors from around the world making the book a valuable reference guide for all researchers teachers orchid enthusiasts orchid growers and students of biotechnology botany pharmaceutical sciences and ethnomedicine it will be equally valuable for readers from the horticultural industry especially the orchid industry agricultural scientists and policymakers

**Ethnic Knowledge and Perspectives of Medicinal Plants** 1994 the volume highlights the relevance of indigenous knowledge of south asian tribal and rural communities in sustainable management of forests and local resources with case studies it shows that collective initiatives at the grassroots level and locally accepted patterns of livelihood of these communities can help address challenges of economic development vis a vis environmental hazard and a declining resource base

**A Catalogue of Indian Orchids** 2019-01-01 orchids account for a large share of global floriculture trade both as cut flowers and as potted plants and are estimated to comprise around 10 of international fresh cut flower trade the average value of fresh cut orchids and buds trade during 2007 2012 was us 483 million in 2012 there are more than 40 countries exporting orchids and 60 countries importing orchids around the world with the total size of the global trade equaling us 504 million in india about 1350 species belonging to 186 genera represent approximately 5 98 of the world orchid flora and 6 83 of the flowering plants in india the publication on commercial orchids is presented in 15 interesting chapters vividly highlighting the global orchid industry bio diversity conservation and bio piracy of genetic resources morphological and molecular characterization of valuable species breeding approaches for improved genotypes production of quality planting materials physiology of tropical and temperate orchids climate change and its impact on orchid productivity production technology of commercial epiphytic orchids for cut flower production technology of commercial terrestrial orchids for cut flower orchids for pot culture hanging baskets and tree mounting medicinal and aromatic orchids post harvest management of cut flowers of commercial orchids value addition and marketing

**Orchids of Eastern Ghats (India)** 2016-08-30 this book provides comprehensive insights into the existing and emerging trends in orchid biology based on the findings of omics high throughput technology biotechnology molecular breeding and genome editing approaches in orchids it illustrates molecular mechanisms of orchid mycorrhizal symbiosis according to the recent achievements of transcriptomics and bioinformatics studies which accelerate the progress of orchid research with the aid of their high throughput tools in this book a comprehensive view of orchid breeding was presented and it includes fundamental methods as well as advanced strategies through the combination of several technologies such as genetic engineering omics computational biology and genome editing these resulting knowledge and tools are highly beneficial for obtaining novel and fascinating varieties in the orchid market which is a competitive industry of global trade another interesting content is the focus on the production of orchid bioactive compounds and their values in the field of ethnomedicine their sources chiefly came from

secondary metabolites and can be enriched through elicitors and produced more efficiently by improved tissue culture protocols and bioreactors in this edited collection we provided space for presenting an updated review of in vitro seed germination which is a routine technology for well trained researchers but can give a complete demonstration for the potential audiences including growers and research beginners this book collects refined knowledge from a broad source of scientific literature by experts in the field of orchid research and surely is an adequate reference and textbook for students teachers and researchers it includes methods and applications of orchid breeding technology which would gain high attention from growers breeders and the related fields of agriculture

**Medicinal Orchids of Asia** 2019-07-17 contributed papers

**Orchids as Aphrodisiac, Medicine or Food** 2020-01-31 papers presented at the national seminar on conservation and utilization of medicinal and aromatic plants held at bhubaneswar during 4 6 december 2001 in indian context

**Orchid Biology: Recent Trends & Challenges** 2007 festschrift for gunnar seidenfan 1908 2001 danish orchidologist contributed articles predominantly with reference to india

**Indian Journal of Forestry** 2003 contributed papers presented at the festival with special reference to the species found in northeastern region of india

**Indigenous Knowledge, Forest Management, and Forest Policy in South Asia** 2015-01-29 records publications acquired from afghanistan bangladesh bhutan india maldives nepal pakistan and sri lanka by the u s library of congress offices in new delhi india and karachi pakistan

**Commercial Orchids** 2023-06-02

*Advances in Orchid Biology, Biotechnology and Omics* 1987

**Recent Advances in Plant Sciences** 1994

**State of Orissa's Environment** 1997

*Lok Sabha Debates* 1989

**Applied Botany Abstracts** 2001

**Conservation and Utilization of Medicinal and Aromatic Plants** 1981

**Biodiversity, Evolution and Biogeography of Plants** 2004

**Orchid Memories** 1991

*Bibliographia Orchidacearum: Literaturlauswahl der Jahre 1987-1990 und Nachträge 1900-1987* 2004

**The Botanica** 1997

**Contributions to the Orchid Flora of Thailand XIII** 1988

**Orchid Genera in Thailand XIV** 1986

*Biology, Conservation, and Culture of Orchids* 1980

*Bulletin of the Botanical Survey of India* 1987

*Opera Botanica* 1981

**Accessions List, India** 2001

*Orchids* 1979

**National Agricultural Library Catalog** 1999

*Floristic Diversity and Conservation Strategies in India: In the context of states and union territories* 1987-07

Accessions List, South Asia

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