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Antioxidants in Fruits: Properties and Health Benefits Functional and Preservative Properties of Phytochemicals Advances in Materials Sciences, Energy Technology and Environmental Engineering Reviews on Indian Medicinal Plants: Ma-Me Riches of the forest : food, spices, crafts and resins of Asia [Japanese] Phytochemistry and Pharmacology of Medicinal Plants, 2-volume set Historical Earthquake-Resistant Timber Framing in the Mediterranean Area Stratification of tropical forests as seen in leaf structure Supporting Capacity Building in Forestry Research in Africa Horticultural Reviews, Volume 45 Edible Medicinal And Non-Medicinal Plants Biodiversity and Conservation of the Yucatán Peninsula Foraging Florida Plant-derived Bioactives Agroforestry for Degraded Landscapes Research History and Opportunities in the Luquillo Experimental Forest Green Adsorbents for Pollutant Removal Handbook of Wood Chemistry and Wood Composites, Second Edition Race to Save the Tropics Forest Fires Agriculture Handbook Forest Production for Tropical America Universal Forestry 2nd Ed. (UPSC, PCS, ARS/SRF/JRF/AFO, State PG & Ph.D. Entrance examinations and interviews of all Forest services) Basics Of Horticulture On the Economy of Plant Form and Function Coconut Water Sentinel Landscape stocktaking pilot study Sustainable Agriculture and the Environment in the Humid Tropics Sustainable Horticulture Forests and Grasslands Food Technology Postharvest Biology and Technology of Tropical and Subtropical Fruits Type 2 Diabetes Polyphenols: Properties, Recovery, and Applications Securing Our Future Neotropical Ethnoprimateology Tropical Forest Ecology and Management for the Anthropocene Landscapes and Societies Introduction to Forestry and Natural Resources Florida's Best Fruiting Plants

Antioxidants in Fruits: Properties and Health Benefits **2020-12-15**

this book provides a comprehensive review of the antioxidant value of widely consumed fruits each chapter covers the botanical description nutritional health properties of these popular fruits fruits are one of the most important indicators of dietary quality and offer protective effects against several chronic diseases such as cardiovascular diseases obesity and various types of cancer in order to effectively promote fruit consumption it is necessary to know and understand the components of fruits in addition to underscoring the importance of fruit consumption s effects on human diet the book addresses the characterization of the chemical compounds that are responsible for the antioxidant proprieties of various fruits given its scope the book will be of interest to graduate and post graduate students research scholars academics pomologists and agricultural scientists alike those working in various fruit processing industries and other horticultural departments will also find the comprehensive information relevant to their work

Functional and Preservative Properties of Phytochemicals **2020-03**

functional and preservative properties of phytochemicals examines the potential of plant based bioactive compounds as functional food ingredients and preservative agents against food spoiling microbes and oxidative deterioration the book provides a unified and systematic accounting of plant based bioactive compounds by illustrating the connections among the different disciplines such as food science nutrition pharmacology toxicology combinatorial chemistry nanotechnology and biotechnological approaches chapters present the varied sources of raw materials biochemical properties metabolism health benefits preservative efficacy toxicological aspect safety and intellectual property right issue of plant based bioactive compounds written by authorities within the field the individual chapters of the book are organized according to the following practical and easy to consult format introduction chapter topics and text conclusions take home lessons and references cited for further reading provides collective information on recent advancements that increase the potential use of phytochemicals fosters an understanding of plant based dietary bioactive ingredients and their physiological effects on human health at the molecular level thoroughly explores biotechnology omics and bioinformatics approaches to address the availability cost and mode of action of plant based functional and preservative ingredients

Advances in Materials Sciences, Energy Technology and Environmental Engineering 2017-01-20

the 2016 international conference on materials science energy technology and environmental engineering msetee 2016 took place may 28 29 2016 in zhuhai city china msetee 2016 brought together academics and industrial experts in the field of materials science energy technology and environmental engineering the primary goal of the conference was to promote research and developmental activities in these research areas and to promote scientific information interchange between researchers developers engineers students and practitioners working around the world the conference will be held every year serving as platform for researchers to share views and experience in materials science energy technology and environmental engineering and related areas

Reviews on Indian Medicinal Plants: Ma-Me 2004

this 2 volume book set phytochemistry and pharmacology of medicinal plants introduces and provides extensive coverage of 79 important medicinal plant species each chapter written by noted experts in the field focuses on one important medicinal plant giving a brief introduction about the species and then delving into the plant's bioactive phytochemicals along with its chemical structures and pharmacological activities a wide array of biological activities and potential health benefits of the medicinal plant which includes antiviral antimicrobial antioxidant anti cancer anti inflammatory and antidiabetic properties as well as protective effects on liver kidney heart and nervous system are given an extensive collection of research literature on pharmacological activities on that species is reviewed this volume published under the aap focus on medicinal plants book series edited by the accomplished editor t pullaiah who has taught researched written and published on medicinal plants for over 35 years will be an important reference resource for years to come for both new and experienced medicinal researchers

Riches of the forest : food, spices, crafts and resins of Asia [Japanese] 2023-08-07

this book presents a selection of the best papers from the heart 2015 conference held in lisbon portugal which provided a valuable forum for engineers and architects researchers and educators to exchange views and findings concerning the technological history construction features and seismic behavior of historical timber framed walls in the mediterranean countries the topics covered are wide ranging and include historical aspects and examples of the use of timber framed construction systems in response to earthquakes such as the gaiola system in portugal and the bourbon system in southern italy interpretation of the response of timber framed walls to seismic actions based on calculations and experimental tests assessment of the effectiveness of repair and strengthening techniques e g using aramid fiber wires or sheets and modelling analyses in addition on the basis of case studies a methodology is presented that is applicable to diagnosis strengthening and improvement of seismic performance and is compatible with modern theoretical principles and conservation criteria it is hoped that by contributing to the knowledge of this construction technique the book will help to promote conservation of this important component of europe's architectural heritage

Phytochemistry and Pharmacology of Medicinal Plants, 2-volume set 2016-08-29

this volume is the last contribution of a series of with the present book a further gap concern studies concerned with the plant material of one ing leaf morphology and leaf venation as well and the same area of venezuelan guiana the as some structural peculiarities of physiological importance is closed so that an exhaustive survey studies originated through a collaboration with the forest engineer dr b rollet the fao expert in of bark and leaf morphology and anatomy as well forest inventory who collected the material of tree as of fruit and seed structure of the plants of a barks leaves fruits and seeds in venezuelan certain well known area is herewith given not guiana around the rio grande ei paraíso only were hundreds of species studied but and ei dorado camps in the first place tree structural characteristics were related to forest barks of about 280 species of dicotyledons stratification i e to the different micro climatic belonging to 48 families were studied family by conditions in the forest as the height of the trees family by roth in separate publications which and shrubs studied was known it is of common mainly appeared in acta botanica venezuelica knowledge that in the lower forest layers light is a and in acta biol6gica venezuelica see the bibli limiting factor while humidity is sufficiently avail ography in roth 1981

Historical Earthquake-Resistant Timber Framing in the Mediterranean Area 2012-12-06

horticultural reviews presents state of the art reviews on topics in horticultural science and technology covering both basic and applied research topics covered include the horticulture of fruits vegetables nut crops and ornamentals these review articles written by world authorities bridge the gap between the specialized researcher and the broader community of horticultural scientists and teachers

Stratification of tropical forests as seen in leaf structure 1996

this book continues as volume 6 of a multi compendium on edible medicinal and non medicinal plants it covers edible fruits seeds used fresh cooked or processed into other by products or as vegetables cereals spices stimulant edible oils and beverages it covers selected species from the following families sapindaceae sapotaceae schisandraceae solanaceae thymelaeaceae urticaceae vitaceae and winteraceae 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

Supporting Capacity Building in Forestry Research in Africa 2018-03-27

this book provides information relevant for the conservation of biodiversity and the sound management of the coastal and forest ecosystems of the yucatan peninsula in the face of global change various aspects of the biodiversity of the yucatan peninsula are analyzed in an integrative manner including phenological ecophysiological ecological and conservation aspects of plants and animals and their relationships with humans in coastal and forest ecosystems

Horticultural Reviews, Volume 45 2013-02-15

paleo indians lived more than 14 000 years ago in the land we now call florida and later came tribes of indigenous people known as the ais calusa mayaimi tequesta timucua and others still later came the seminole and miccosukee these people were hunter fisher gatherers who lived off the bounty of what nature had to offer today foraging wild fruits nuts grains and other edible plant parts has become an active pastime for outdoor enthusiasts throughout the country but florida is a forager s paradise due to the wealth of both temperate and tropical native plants in foraging florida local naturalist roger hammer highlights edible and medicinal native and naturalized plants found throughout the state from the far western panhandle to the island chain of the florida keys the book is organized by plant family so foragers can learn which species are closely related and it includes a poisonous plant section so novices will know which plants to avoid recipes identification tips and how to prepare herbal and medicinal teas are offered throughout this forager s guidebook detailed description and photos of each plant including its uses information on toxic lookalikes and cautions recipes to prepare at home and on the trail a glossary of botanical terms

Edible Medicinal And Non-Medicinal Plants 2015-11-17

plants produce a vast number of bioactive compounds with different chemical scaffolds which modulate a diverse range of molecular targets and are used as drugs for treating numerous diseases most present day medicines are derived either from plant compounds or their derivatives and plant compounds continue to offer limitless reserves for the discovery of new medicines while different classes of plant compounds like phenolics flavonoids saponins and alkaloids and their potential pharmacological applications are currently being explored their curative mechanisms are yet to be understood in detail this book is divided into 2 volumes and offers detailed information on plant derived bioactive compounds including recent research findings volume 1 plant derived bioactives chemistry and mode of action discusses the chemistry of highly valued plant bioactive compounds and their mode of actions at the molecular level volume 2 plant derived bioactives production properties and therapeutic applications explores the sources biosynthesis production biological properties and therapeutic applications of plant bioactives given their scope these books are valuable resources for members of the scientific community wishing to further explore various medicinal plants and the therapeutic applications of their bioactive compounds they appeal to scholars teachers and scientists involved in plant product research and facilitate the development of new drugs

Biodiversity and Conservation of the Yucatán Peninsula 2023-09-01

this book presents various aspects of agroforestry research and development as well as the latest trends in degraded landscape management over the last four decades agroforestry research particularly on degraded landscapes has evolved into an essential problem solving science e g in terms of sustaining agricultural productivity improving soil health and biodiversity enhancing ecosystem services supporting carbon sequestration and mitigating climate change this book examines temperate and tropical agroforestry systems around the world focusing on traditional and modern practices and technologies used to rehabilitate degraded lands it covers the latest research advances trends and challenges in the utilization and reclamation of degraded lands e g urban and peri urban agroforestry reclamation of degraded landscapes tree based multi enterprise agriculture domestication of high value halophytes afforestation of coastal areas preserving mangroves and much more given its scope the book offers a valuable asset for a broad range of stakeholders including farmers scientists researchers educators students development extension agents environmentalists policy decision makers and government and non government organizations

Foraging Florida 2020-06-27

this is the first volume on adsorption using green adsorbents and is written by international contributors who are the leading experts in the adsorption field the first volume provides an overview of fundamentals and design of adsorption processes for people who are new to the field the book starts by two overview chapters presenting the principles and properties of wastewater treatment and adsorption processes the book also provides a comprehensive source of knowledge on acid base properties of biosorbents it discusses fractal like kinetic models for fluid solid adsorption reports on the chemical characterization of oxidized activated carbons for metal removal and the use of magnetic biosorbents in water treatment furthermore the thermodynamic properties of metals adsorption by green adsorbents and biosorption of polycyclic aromatic hydrocarbons and organic pollutants are reviewed and finally the recent trends and impact of nanomaterials as green adsorbent and potential catalysts for environmental applications are summarized the audience for this book includes students environmentalists engineers water scientists civil and industrial personnel who wish to specialize in adsorption technology academically this book will be of use to students in chemical

and environmental engineering who wish to learn about adsorption and its fundamentals it has also been compiled for practicing engineers who wish to know about recent developments on adsorbent materials in order to promote further research toward improving and developing newer adsorbents and processes for the efficient removal of pollutants from industrial effluents it is hoped that the book will serve as a readable and useful presentation not only for undergraduate and postgraduate students but also for the water scientists and engineers and as a convenient reference handbook in the form of numerous recent examples and appended information

Plant-derived Bioactives 2020-10-05

wood has played a major role throughout human history strong and versatile the earliest humans used wood to make shelters cook food construct tools build boats and make weapons recently scientists politicians and economists have renewed their interest in wood because of its unique properties aesthetics availability abundance and perhaps most important of all its renewability however wood will not reach its highest use potential until we fully describe it understand the mechanisms that control its performance properties and finally are able to manipulate those properties to give us the desired performance we seek the handbook of wood chemistry and wood composites analyzes the chemical composition and physical properties of wood cellulose and its response to natural processes of degradation it describes safe and effective chemical modifications to strengthen wood against biological chemical and mechanical degradation without using toxic leachable or corrosive chemicals expert researchers provide insightful analyses of the types of chemical modifications applied to polymer cell walls in wood they emphasize the mechanisms of reaction involved and resulting changes in performance properties including modifications that increase water repellency fire retardancy and resistance to ultraviolet light heat moisture mold and other biological organisms the text also explores modifications that increase mechanical strength such as lumen fill monomer polymer penetration and plasticization the handbook of wood chemistry and wood composites concludes with the latest applications such as adhesives geotextiles and sorbents and future trends in the use of wood based composites in terms of sustainable agriculture biodegradability and recycling and economics incorporating decades of teaching experience the editor of this handbook is well attuned to educational demands as well as industry standards and research trends

Agroforestry for Degraded Landscapes 1983

race to save the tropics documents the conflict between economic development and protection of biological diversity in tropical countries

Research History and Opportunities in the Luquillo Experimental Forest 2018-06-27

even before the myth of prometheus fire played a crucial ecological role around the world numerous plant communities depend on fire to generate species diversity in both time and space without fire such ecosystems would become sterile monocultures recent efforts to prohibit fire in fire dependent communities have contributed to more intense and more damaging fires for these reasons foresters ecologists land managers geographers and environmental scientists are interested in the behavior and ecological effects of fires this book will be the first to focus on the chemistry and physics of fire as it relates to the ways in which fire behaves and the impacts it has on ecosystem function leading international contributors have been recruited by the editors to prepare a didactic text reference that will appeal to both advanced students and practicing professionals

Green Adsorbents for Pollutant Removal 2012-09-06

set includes revised editions of some issues

Handbook of Wood Chemistry and Wood Composites, Second Edition 2013-04-10

universal forestry contains all the major subjects of forestry including memory based previous years jrf srf papers and key points of latest state forest report the book covers 22 chapters in bullets forms as well as in the tabulated form this book first edition was highly demandable among the competitors the unique feature of this book is that all the major forestry subjects are included in this book primary universal forestry 2nd edition is highly useful for icar jrf srf net examinations as well as other allied forest service examinations most important thing is that this book is purely based on icar jrf srf and net syllabus this book includes state wise forest profile in tabulated form which is very important for all forestry examinations as well as the interviews of forestry fields this book again makes sure that its readers will be able to attempt all the questions asked in icar jrf net allied forestry exams and forest service exams 2nd edition of this book also contains all the important questions asked in the all other forestry related examinations during the years 2018 2019 secondary universal forestry 2nd edition is highly useful for students for the preparation of their semester examinations this book covers all the points which are asked in their semester examinations because this book is written by the author after reading all the standard text books of forestry the simplified language of this book will be grasped by any average aspirant i hope that 2nd edition of this book will also fulfill all the need of students as well as aspirants related to preparation of forestry competition examination author is highly thankful to all readers and their professors to make this book first choice of forestry aspirants

Race to Save the Tropics 2001-03-01

the book carries information on fundamentals of vegetables fruits ornamental plants spices medicinal and aromatic plants and post harvest technology there are 15 chapters elaborating horticultural crops apomixis polyembryony ideal soils climate water requirements pests diseases and nematode management biological control of biotic stresses biotechnology of spices and mechanization of orchards introductory chapter deals in nut shell all about the book the most recent information is provided along with a detailed list of references for further reading a separate chapter on glossary of horticultural terms adds much value to the book as a ready reckoner to understand key words generally referred to in the science of horticulture eight appendices are attached narrating released varieties hybrids in horticultural crops research infrastructure in horticulture in india and abroad together with important web sites in all aspects of horticulture

Forest Fires 2002

this book summarizes the major recent advances in the economic analysis of plant behavior

Agriculture Handbook 1997

coconut water a naturally canned tropical beverage has been gaining popularity in recent years and has drawn the attention world over as a natural and nutritional wellness beverage the research published thus far on coconut water has mainly focused on its specific uses biochemical composition and health benefits as well as processing and preservation techniques and has been published mostly in journal articles only a few books covering a wide spectrum of coconut water for health and wellness

are currently available this work offers a comprehensive and fully updated overview of coconut water from processing techniques to value addition to safety to nutritional benefits and beyond coconut water processing distribution nutritional benefits provides in depth details on all of the major processing techniques required to produce and maintain a quality product free of contamination and adulteration the book covers the standards of coconut water production and distribution in various countries enabling the processors and exporters to manufacture and export for better revenue realization the book also provides details of patents related to coconut water granted to researchers another important aspect of this work is comprehensive coverage on the various nutritional and health benefits of coconut water consumption as well as on the value addition traditional and innovative products in markets across the world consumers of all ages have been turning to coconut water for its taste and nutritional benefits this book will provide researchers processors and exporters the comprehensive information needed to produce and market quality nutritional coconut water for consumers

Forest Production for Tropical America 2019-11-01

this publication is part of the sentinel landscape network initiative established in eight sites around the world representative of widely different biophysical and socioeconomic contexts here we present and summarize the results of the research and baseline studies carried out in the nicaragua honduras sentinel landscape that can be indicative of the humid forest ecological zone

Universal Forestry 2nd Ed. (UPSC, PCS, ARS/SRF/JRF/AFO, State PG & Ph.D. Entrance examinations and interviews of all Forest services) 2009-02-05

rainforests are rapidly being cleared in the humid tropics to keep pace with food demands economic needs and population growth without proper management these forests and other natural resources will be seriously depleted within the next 50 years sustainable agriculture and the environment in the humid tropics provides critically needed direction for developing strategies that both mitigate land degradation deforestation and biological resource losses and help the economic status of tropical countries through promotion of sustainable agricultural practices the book includes a practical discussion of 12 major land use options for boosting food production and enhancing local economies while protecting the natural resource base recommendations for developing technologies needed for sustainable agriculture a strategy for changing policies that discourage conserving and managing natural resources and biodiversity detailed reports on agriculture and deforestation in seven tropical countries

Basics Of Horticulture 1986-08-29

sustainable horticulture microbial inoculants and stress interaction gives insights into the applications and formulations of microbial inoculants in recent years the optimum yields of horticultural plants largely influenced by rising global temperature biotic stress attack of pathogens and abiotic stresses has created extra pressure for the horticulturalist to meet the need of optimum yield production for the burgeoning global population however the challenges of biotic and abiotic stress factors mitigated by traditional physical or chemicals methods include high application cost and adverse impact on quality limit the frequent use hence the solutions in this book create new avenues for progress this book covers those challenges and how microbial based bio inoculants are broadly used in horticulture to mitigate the challenges of biotic and abiotic stresses it provides an important contribution on how to apply efficient beneficial microbes microbial inoculants for a sustainable society provides quality

chapters from the leading academician and researchers from the different parts of the world gives insights on the applications and formulations of microbial inoculants covers the challenges of biotic and abiotic stress factors mitigated by traditional physical or chemicals methods that are costly

On the Economy of Plant Form and Function 2022-10-14

presents an introduction to the forests and grasslands of the world describing their different forms evolution and modern formation physical features and composition and their impact on climate

Coconut Water 2020-02-11

in this era of climate change and food water natural resource crises it is important that current advancements in technology are made taking into consideration the impact on humanity and the environment this new volume food technology applied research and production techniques in the innovations in agricultural and biological engineering book series looks at recent developments and innovations in food technology and sustainable technologies advanced topics in the volume include food processing preservation nutritional analysis quality control and maintenance as well as good manufacturing practices in the food industries the chapters are highly focused reports to help direct the development of current food and agriculture based knowledge into promising technologies features provides information on relevant technology makes suggestions for equipment and devices looks at standardization in food technology explores new and innovative packaging technology studies antimicrobial activities in food considers active constituents of foods and provides information about isolation validation and characterization of major bioactive constituents discusses the effect of laws and regulatory guidelines on infrastructure to transform technology into highly value added products food technology applied research and production techniques will be a very useful reference book for food technologists practicing food engineers researchers professors students of these fields and professionals working in food technology food science food processing and nutrition

Sentinel Landscape stocktaking pilot study 1993-02-01

tropical and subtropical fruits are popular products but are often highly perishable and need to be transported long distances for sale the four volumes of postharvest biology and technology of tropical fruits review essential aspects of postharvest biology postharvest technologies handling and processing technologies for both well known and lesser known fruits volume 1 contains chapters on general topics and issues while volumes 2 3 and 4 contain chapters focused on individual fruits organised alphabetically volume 1 provides an overview of key factors associated with the postharvest quality of tropical and subtropical fruits two introductory chapters cover the economic importance of these crops and their nutritional benefits chapters reviewing the postharvest biology of tropical and subtropical fruits and the impact of preharvest conditions harvest circumstances and postharvest technologies on quality follow further authors review microbiological safety the control of decay and quarantine pests and the role of biotechnology in the improvement of produce of this type two chapters on the processing of tropical and subtropical fruit complete the volume with its distinguished editor and international team of contributors volume 1 of postharvest biology and technology of tropical and subtropical fruits along with the other volumes in the collection will be an essential reference both for professionals involved in the postharvest handling and processing of tropical and subtropical fruits and for academics and researchers working in the area along with the other volumes in the collection volume 1 is an essential reference for professionals involved in the postharvest handling and processing of tropical and subtropical fruits and for academics and researchers working in the area focuses on fundamental issues of fruit physiology quality safety and handling relevant to all those in the tropical and subtropical fruits supply chain chapters include

nutritional and health benefits preharvest factors food safety and biotechnology and molecular biology

Sustainable Agriculture and the Environment in the Humid Tropics 2022-04-21

approximately 29 million americans are diagnosed with type 2 diabetes annually of that number only about 36 percent 10 44 million diabetes sufferers achieve satisfactory medical outcomes and would need additional help rarely available to reliably control their glucose levels contrary to popular belief although anti diabetic medications can lower sugar levels nevertheless they have a poor performance track record because inflammation in the blood vessels persists this book details recent scientific findings that cardiovascular kidney vision peripheral nervous system and other body damage caused by chronic high levels of blood sugar hyperglycemia in type 2 diabetes is actually due to excessive generation of unopposed free radicals and reactive oxygen species ros these in turn cause chronic systemic inflammation and dysfunction of the endothelial lining of the arterial blood vessels jeopardizing the formation of the protective molecule nitric oxide no thus severely impairing the blood supply to every organ and tissue in the body this book also catalogues the evidence that chronic hyperglycemia causes profound and often irreversible damage even long before type 2 diabetes has been diagnosed in addition because conventional prescription treatments are unfortunately often inadequate the book details evidence based complementary means of blood sugar control

Sustainable Horticulture 2011-01-15

polyphenols properties recovery and applications covers polyphenol properties health effects and new trends in recovery procedures and applications beginning with coverage of the metabolism and health effects of polyphenols the book then addresses recovery analysis processing issues and industrial applications the book not only connects the properties and health effects of polyphenols with recovery processing and encapsulation issues but also explores industrial applications that are affected by these aspects including both current applications and those under development covers the properties and health effects of polyphenols along with trends in recovery procedures and applications addresses recovery analysis and processing issues concludes with coverage of the industrial applications of polyphenols

Forests and Grasslands 2017-08-22

ethnoprimateology is situated at the intersection between the biological and cultural subfields of anthropology research on the interface between human and nonhuman primates has been steadily increasing since 1997 when the term ethnoprimateology was first coined although there have been studies on human nonhuman primate interactions in the tropical americas no single comprehensive volume has been published that integrates this information to fully understand it in this region eighteen novel chapters written by outstanding scholars with various backgrounds are included in this edited volume they refer to the complex interconnections between different indigenous peoples with new world monkeys that sympatrically share their ancestral territories geographically the range covers all of the neotropics from southern mexico through northern argentina this work includes topics such as primates as prey and food ethnozoology ethnoecology cosmology narratives about monkeys uses of primates monkeys as pets and ethnoclassification multiple views as well as diverse theoretical and methodological approaches are found within the pages in sum this is a compendium of ethnoprimateological research that will be prized by anthropologists ethnobiologists primatologists conservationists and zoologists alike this book provides a historical benchmark for all subsequent research in ethnoprimateology in the neotropics and beyond leslie e sponser university of hawai i at

mānoa

Food Technology 2011-09-19

this special issue looks forward as well as backward to best analyze the forest conservation challenges of the caribbean this is made possible by 75 years of research and applications by the united states department of agriculture international institute of tropical forestry the institute of puerto rico it transforms holocene based scientific paradigms of the tropics into anthropocene applications and outlooks of wilderness managed forests and urban environments this volume showcases how the focus of the institute s programs is evolving to support sustainable tropical forest conservation despite uncertain conditions the manuscripts showcased here highlight the importance of shared stewardship and a long term hands on approach to conservation research programs and novel organizations intended to meet contemporary conservation challenges policies relevant to the anthropocene as well as the use of experiments to anticipate future responses of tropical forests to global warming are reexamined in these pages urban topics include how cities can co produce new knowledge to spark sustainable and resilient transformations long term results and research applications of topics such as soil biota migratory birds tropical vegetation substrate chemistry and the tropical carbon cycle are also described in the volume moreover the question of how to best use land on a tropical island is addressed this volume is intended to be of interest to all actors involved in long term sustainable forest management and research in light of the historical lessons and future directions that may come out of a better understanding of tropical cities and forests in the anthropocene epoch

Postharvest Biology and Technology of Tropical and Subtropical Fruits 2018-10-25

this book contains case histories intended to show how societies and landscapes interact the range of interest stretches from the small groups of the earliest neolithic through bronze and iron age civilizations to modern nation states the coexistence is of its very nature reciprocal resulting in changes in both society and landscape in some instances the adaptations may be judged successful in terms of human needs but failure is common and even the successful cases are ephemeral when judged in the light of history comparisons and contrasts between the various cases can be made at various scales from global through inter regional to regional and smaller scales at the global scale all societies deal with major problems of climate change sea level rise and with ubiquitous problems such as soil erosion and landscape degradation inter regional differences bring out significant detail with one region suffering from drought when another suffers from widespread flooding for example desertification in north africa and the near east contrasts with the temperate countries of southern europe where the landscape effects of deforestation are more obvious and china and japan offer an interesting comparison from the standpoint of geological hazards to society large unpredictable and massively erosive rivers in the former case volcanoes and accompanying earthquakes in the latter within the north african region localized climatic changes led to abandonment of some desertified areas with successful adjustments in others with the ultimate evolution into the formative civilization of egypt the gift of the Nile at a smaller scale it is instructive to compare the city states of the medieval and early renaissance times that developed in the watershed of a single river the arno in tuscanly and how pisa siena and florence developed and reached their golden periods at different times depending on their location with regard to proximity to the sea to the main trunk of the river or in the adjacent hills also noteworthy is the role of technology in opening up opportunities for a society consider the netherlands and how its history has been formed by the technical problem of a populous society dealing with too much water as an inexorably rising sea threatens their landscape or the case of communities in colorado trying to deal with too little water for farmers and domestic users by

bringing their supply over a mountain chain these and others cases included in the book provide evidence of the successes near misses and outright failures that mark our ongoing relationship with landscape throughout the history of homo sapiens the hope is that compilations such as this will lead to a better understanding of the issue and provide us with knowledge valuable in planning a sustainable modus vivendi between humanity and landscape for as long as possible audience the book will interest geomorphologists geologists geographers archaeologists anthropologists ecologists environmentalists historians and others in the academic world practically planners and managers interested in landscape environmental conditions will find interest in these pages and more generally the increasingly large body of opinion in the general public with concerns about planet earth will find much to inform their opinions extra material the color plate section is available at extras.springer.com

Type 2 Diabetes 2018-01-11

introduction to forestry and natural resources presents a broad overview of the profession of forestry the book details several key fields within forestry including forest health economics policy utilization and forestry careers chapters deal specifically with forest products and harvesting recreation wildlife habitats tree anatomy and physiology and ethics these topics are ideal for undergraduate introductory courses and include numerous examples mainly graphical and questions for students to ponder unlike other introductory forestry texts which focus largely on forest ecology rather than practical forestry concepts introduction to forestry and natural resources encompasses economic ecological and social aspects providing a uniquely balanced text the wide range of experience of the contributing authors equips them especially well to identify missing content from other texts in the area and address topics currently covered in corresponding college courses 300 original illustrations including line art graphs tables and maps syllabus planning assistance for adopting professors so that they can add the content to their course materials via the companion website's question and answer material for each chapter contributors are experienced textbook authors with diverse professional backgrounds in forestry

Polyphenols: Properties, Recovery, and Applications 2007

details on how to turn your florida yard into a cornucopia of delicious fruit plants will succeed in every region of the state profiles of more than 80 species ranging from familiar strawberry to obscure jaboticaba maps and fruiting calendars to help with planning

Securing Our Future 2020-03-23

Neotropical Ethnoprimateology 2019-12-18

Tropical Forest Ecology and Management for the Anthropocene 2010-11-09

Landscapes and Societies 2012-12-31

Introduction to Forestry and Natural Resources 2021-06-01

Florida's Best Fruiting Plants

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