

Free ebook Ghost bears exploring the biodiversity crisis [PDF]

The Biodiversity Crisis Tropical Islands Biodiversity Crisis: Life in the Balance Global Justice and the Biodiversity Crisis The Biodiversity Crisis and Crustacea - Proceedings of the Fourth International Crustacean Congress Biodiversity Loss Loss of Biological Diversity Ecological Justice and the Extinction Crisis Systematics, Ecology, and the Biodiversity Crisis Biodiversity and Conservation: Causes and consequences of biodiversity loss 2 : pollution, climate change and unsustainable exploitation Elephant Treaties Loss of Biodiversity Southeast Asian Biodiversity in Crisis Systematics, Ecology And Biodiversity Crisis Crustaceans and the Biodiversity Crisis Crustaceans and the Biodiversity Crisis The Biodiversity Crisis and Crustacea In the Light of Evolution The Root Causes of Biodiversity Loss Biodiversity and Conservation: Response to biodiversity loss Biodiversity and Evolutionary Ecology of Extinct Organisms Ghost Bears Phylogenetic Diversity Biodiversity Impact & Assessment Biodiversity and Ecosystem Insecurity Loss of Biodiversity The Living Planet in Crisis The Ecological and Societal Consequences of Biodiversity Loss Climate Change and Biodiversity Extinctions in the History of Life Caring for Our Coast Biodiversity and Protected Areas Extinctions in Near Time Paradise Lost? Biodiversity and Conservation Biodiversity Conservation Environmental Policy and Biodiversity Biodiversity Economics Enterprising Nature Protected Areas

The Biodiversity Crisis 2001 leading experts explain the fastest mass extinction in earth's history in an illustrated companion to the american museum of natural history's new permanent exhibit 60 photos illustrations

Tropical Islands Biodiversity Crisis: 2014-10-14 this work assesses the issues facing biodiversity maintenance on tropical islands and the impacts of biodiversity loss the emphasis is on the indo west pacific region which includes many small islands where the biodiversity is under threat as a result of not only climate change and habitat destruction but invasions by organisms previously absent from an island the contributors are distinguished biodiversity scientists from inside and outside the region and cover topics ranging from the state of conservation action in south east asia the role of parks and the status and threat to endemics to impacts of oil and gas exploration and forest fragmentation issues needing still to be addressed especially in relation to implications of biodiversity loss or change for the maintenance of ecosystem processes are highlighted the conclusions and case studies have lessons for all involved in the conservation of the biotas and ecosystems of islands previously published in biodiversity and conservation 19 2 2010

Life in the Balance 2000-02-20 in life in the balance niles eldredge argues that the earth is confronting an ecological disaster in the making he reviews compelling evidence for this biodiversity crisis showing that species are dying out at an unnaturally rapid rate this book explores the same themes that illuminate the american museum of natural history's new hall of biodiversity for which eldredge is scientific curator an eloquent and passionate account by one of today's leading scientists life in the balance draws attention to one of the most pressing problems now facing the world copyright libri gmbh all rights reserved

Global Justice and the Biodiversity Crisis 2024-03-20 the world is in the midst of a biodiversity crisis which existing conservation policies have failed to arrest policymakers academics and the general public are coming to recognise that much more ambitious conservation policies are in order but biodiversity conservation raises major issues of global justice even if the connection between conservation and global justice is too seldom made the lion's share of conservation funding is spent in the global north despite the fact that most biodiversity exists in the global south and local people can often scarcely afford to make sacrifices in the interests of biodiversity conservation many responses to the biodiversity crisis threaten to exacerbate existing global injustices to lock people into poverty and to exploit the world's poor at the extreme policies aimed at protecting biodiversity have also been associated with exclusion dispossession and violence the challenge this book grapples with is how biodiversity might be conserved without producing global injustice it distinguishes policies which are likely to exacerbate global injustice and policies which promise to reduce them the struggle to formulate and implement just conservation policies is vital to our planet's future

The Biodiversity Crisis and Crustacea - Proceedings of the Fourth International Crustacean Congress 2000-06-01 the papers in this volume have been grouped according to the main sub themes of the congress and primarily deal with the biodiversity issues of invasive crustacea ecology and behaviour and fisheries and aquaculture

Biodiversity Loss 1997-01-28 this volume reports key findings of the biodiversity program of the royal swedish academy of sciences beijer institute the program brought together a number of eminent ecologists and economists to consider the nature and significance of the biodiversity problem in encouraging collaborative work between these closely related disciplines it sought to shed new light on the concept of diversity the implications of biological diversity for the functioning of ecosystems the driving forces behind biodiversity loss and the options for promoting biodiversity conservation the results of the program are surprising it is shown that the core of the biodiversity problem is a loss of ecosystem resilience and the insurance it provides against the uncertain environmental effects of economic and population growth this is as much a local as a global problem implying that biodiversity conservation offers benefits that are as much local as global the solutions as well as the causes of biodiversity loss lie in incentives to local users

Loss of Biological Diversity 1989 as the biodiversity crisis deepens anna wienhues sets out radical environmental thinking and action to respond to the threat of mass species extinction the book conceptualises large scale injustice endangering non humans and signposts new approaches to the conservation of a shared planet developing principles of distributive ecological justice it builds towards a bold vision of just conservation that can inform the work of policy makers and activists this is a timely original and compelling investigation into ethics in the natural world during the anthropocene and a call for biocentric ecological justice before it is too late

Ecological Justice and the Extinction Crisis 2020-10-07 this book explores the biological underpinnings of social systems from invertebrates to mammals particularly humans these social systems the authors argue represent fusions between the economic and reproductive interests of organisms their theory reinstates the importance of economics in social organizations of all types moving away from the more prominent emphasis on reproductive biology at the core of sociobiology

Systematics, Ecology, and the Biodiversity Crisis 1992 although biodiversity is a relatively new coinage scientists have been studying the subject it describes long before the word's first appearance in the language in the mid 1980s in 1973 for instance the uk systematics association held a symposium on the changing flora and fauna of britain which concluded that not enough attention was being paid to the conservation of rarities a conclusion also reached said the symposium at a meeting of the linnaean society some forty years earlier by 1980 the global 2000 report to the president published by the us council on environmental quality starkly warned of a diminution of up to one fifth of all species by the turn of the century and there is now a growing consensus that the world faces a biodiversity crisis a potentially catastrophic global loss of genetic ecosystem and most obviously species diversity indeed especially since the un convention on biological diversity was promulgated in

rio de janeiro in 1992 conserving biodiversity has become the principal focus of the global conservation movement indeed the study of the origins maintenance and protection of diversity has become perhaps the most vibrant offshoot of ecology and conservation studies it is increasingly taught and studied in universities and other research institutions around the world addressing the need for an authoritative reference work to make sense of this rapidly growing subject and its ever more complex and multidisciplinary corpus of scholarly literature biodiversity and conservation is a new title in the routledge series critical concepts in the environment edited by richard ladle of oxford university s centre for the environment this new major work brings together in five volumes the foundational and the very best cutting edge scholarship to provide a synoptic view of all the key issues and current debates

Biodiversity and Conservation: Causes and consequences of biodiversity loss 2 : pollution, climate change and unsustainable exploitation 2009 based on a legal history of international biodiversity treaties from the late nineteenth century to the present rachelle adam argues that today's biodiversity crisis is rooted in european colonial history especially in the conservation treaties that the colonial powers and their non governmental counterparts negotiated to protect africa's big game animals reflecting on the colonial past particularly on efforts to manage the commerce in elephant ivory nadam sheds light on why more recent attempts to arrest the decline in biodiversity by way of international agreement have failed this volume will spur a rethinking of such agreements and trigger a search for alternatives outside of existing international structures

Elephant Treaties 2014-01-07 this title examines one of the world s critical issues human trafficking readers will learn the historical background of this issue leading up to its current and future impact on society various forms of modern slavery including debt bondage child labor prostitutes sex slaves and child soldiers are discussed in detail as well as risk factors for trafficking such as poverty violence and cultural traditional or religious views also covered are the physical psychological and spiritual impact trafficking survivors experience laws intended to combat human trafficking the tier system and organizations such as the united nations and unicef engaging text informative sidebars and color photographs present information realistically leaving readers with a thorough honest interpretation of human trafficking features include a timeline facts additional resources sites a glossary a bibliography and an index essential issues is a series in essential library an imprint of abdo publishing company

Loss of Biodiversity 2011 this book reports comprehensively on the state of southeast asian biodiversity and suggests actions immediately needed to ease the impending crisis

Southeast Asian Biodiversity in Crisis 2006 this important and extensive volume presents part of the proceedings of the fourth international crustacean congress held in amsterdam in 1998 as the title implies crustaceans and the biodiversity crisis was the general underlying theme of all contributions at the congress with the turn of the century someone ought to assess the balance of our natural environment and of the various branches of biology that study its rapidly declining diversity from the five subthemes covered at the conference those of 1 diversity in time and space including systematics phylogeny and palaeontology 2b biogeography 3c larvae and 4 physiology and biochemistry including molecular biology and genetics are represented in this volume along with a few contributions from other subthemes e g 2a invasive crustacea 3a ecology 3b behaviour and 5 fisheries and aquaculture the book is primarily meant for scientists working at institutes involved in research on the group crustacea marine freshwater or terrestrial and or the disciplines covered individual carcinologists working on one of the themes discussed in this volume will find a wealth of interesting and timely contributions as will other scientists working in marine or freshwater biology or in soil ecology

Systematics, Ecology And Biodiversity Crisis 1999 this important and extensive volume presents part of the proceedings of the fourth international crustacean congress held in amsterdam in 1998 as the title implies crustaceans and the biodiversity crisis was the general underlying theme of all contributions at the congress with the turn of the century someone ought to assess the balance of our natural environment and of the various branches of biology that study its rapidly declining diversity from the five subthemes covered at the conference those of 1 diversity in time and space including systematics phylogeny and palaeontology 2b biogeography 3c larvae and 4 physiology and biochemistry including molecular biology and genetics are represented in this volume along with a few contributions from other subthemes e g 2a invasive crustacea 3a ecology 3b behaviour and 5 fisheries and aquaculture the book is primarily meant for scientists working at institutes involved in research on the group crustacea marine freshwater or terrestrial and or the disciplines covered individual carcinologists working on one of the themes discussed in this volume will find a wealth of interesting and timely contributions as will other scientists working in marine or freshwater biology or in soil ecology

Crustaceans and the Biodiversity Crisis 2023-07-03 the current extinction crisis is of human making and any favorable resolution of that biodiversity crisis among the most dire in the 4 billion year history of earth will have to be initiated by mankind little time remains for the public corporations and governments to awaken to the magnitude of what is at stake this book aims to assist that critical educational mission synthesizing recent scientific information and ideas about threats to biodiversity in the past present and projected future this is the second volume from the in the light of evolution series based on a series of arthur m sackler colloquia and designed to promote the evolutionary sciences each installment explores evolutionary perspectives on a particular biological topic that is scientifically intriguing but also has special relevance to contemporary societal issues or challenges individually and collectively the ile series aims to interpret phenomena in various areas of

biology through the lens of evolution address some of the most intellectually engaging as well as pragmatically important societal issues of our times and foster a greater appreciation of evolutionary biology as a consolidating foundation for the life sciences

Crustaceans and the Biodiversity Crisis 2000 the world is losing species and biodiversity at an unprecedented rate the causes go deep and the losses are driven by a complex array of social economic political and biological factors at different levels immediate causes such as over harvesting pollution and habitat change have been well studied but the socioeconomic factors driving people to degrade their environment are less well understood this book examines the underlying causes it provides analyses of a range of case studies from brazil cameroon china danube river basin india mexico pakistan philippines tanzania and vietnam and integrates them into a new and interdisciplinary framework for understanding what is happening from these results the editors are able to derive policy conclusions and recommendations for operational and institutional approaches to address the root causes and reverse the current trends it makes a contribution to the understanding of all those from ecologists and conservationists to economists and policy makers working on one of the major challenges we face

The Biodiversity Crisis and Crustacea 2009-01-22 although biodiversity is a relatively new coinage scientists have been studying the subject it describes long before the word's first appearance in the language in the mid 1980s in 1973 for instance the uk systematics association held a symposium on the changing flora and fauna of britain which concluded that not enough attention was being paid to the conservation of rarities a conclusion also reached said the symposium at a meeting of the linnaean society some forty years earlier by 1980 the global 2000 report to the president published by the us council on environmental quality starkly warned of a diminution of up to one fifth of all species by the turn of the century and there is now a growing consensus that the world faces a biodiversity crisis a potentially catastrophic global loss of genetic ecosystem and most obviously species diversity indeed especially since the un convention on biological diversity was promulgated in rio de janeiro in 1992 conserving biodiversity has become the principal focus of the global conservation movement indeed the study of the origins maintenance and protection of diversity has become perhaps the most vibrant offshoot of ecology and conservation studies it is increasingly taught and studied in universities and other research institutions around the world addressing the need for an authoritative reference work to make sense of this rapidly growing subject and its ever more complex and multidisciplinary corpus of scholarly literature biodiversity and conservation is a new title in the routledge series critical concepts in the environment edited by richard ladle of oxford university's centre for the environment this new major work brings together in five volumes the foundational and the very best cutting edge scholarship to provide a synoptic view of all the key issues and current debates

In the Light of Evolution 2013-11-05 increasing rate of species extinction in the present day will lead to a huge biodiversity crisis eventually this will lead to the paucity of non renewable resources of energy making our earth unsustainable in future to save our mother planet from this crisis studies need to be performed to discover abundant new fossil sites on earth for continued access to oil rich locations most importantly a holistic approach is necessary in solving the present problem of biodiversity loss this book presents newly developed quantitative models in understanding the biodiversity evolution and ecology of extinct organisms this will assist future earth scientists in understanding the natural and anthropogenic causes behind biodiversity crisis and ecosystem collapse in addition this study would be of great interest to exploration geologists and geophysicists in potentially unraveling natural resources from our sustainable earth

The Root Causes of Biodiversity Loss 2009 examined in ghost bears r edward grumbine looks at the wide ranging implications of this crisis and explains why our species centered approach will ultimately fail to protect ecosystems and diversity using the fate of the endangered grizzly bear the ghost bear to explore the causes and effects of species loss and habitat destruction grumbine presents a clear assessment of the biodiversity crisis and introduces the new science of conservation biology while

Biodiversity and Conservation: Response to biodiversity loss 2012-08-11 biodiversity refers to the variety of life it is now agreed that there is a biodiversity crisis corresponding to extinction rates of species that may be 1000 times what is thought to be normal biodiversity science has a higher profile than ever with the new intergovernmental science policy platform on biodiversity and ecosystem services involving more than 120 countries and 1000s of scientists at the same time the discipline is re evaluating its foundations including its philosophy and even core definitions the value of biodiversity is being debated in this context the tree of life phylogeny is emerging as an important way to look at biodiversity with relevance cutting across current areas of concern from the question of resilience within ecosystems to conservation priorities for globally threatened species while capturing the values of biodiversity that have been hard to quantify including resilience and maintaining options for future generations this increased appreciation of the importance of conserving phylogenetic diversity from microbial communities in the human gut to global threatened species has inevitably resulted in an explosion of new indices methods and case studies this book recognizes and responds to the timely opportunity for synthesis and sharing experiences in practical applications the book recognizes that the challenge of finding a synthesis and building shared concepts and a shared toolbox requires both an appreciation of the past and a look into the future thus the book is organized as a flow from history concepts and philosophy through to methods and tools and followed by selected case studies a positive vision and plan of action emerges from these chapters that includes coping with inevitable uncertainties effectively communicating the importance of this evolutionary heritage to the public and to policy makers and ultimately contributing to biodiversity conservation policy from local to global scales

Biodiversity and Evolutionary Ecology of Extinct Organisms 1992-07 biodiversity assumed prominence at the global level over the past one and half decade this was in part due to the increasing recognition of the economic potential of biodiversity almost all cultures have in some way or form recognized the importance that nature and its biological diversity has had upon them and the need to maintain it yet power greed and politics have affected the precarious balance it is necessary that we conserve and preserve our biodiversity at all levels the present book biodiversity impact and assessment includes 15 chapters on the topics which are contributing toward this goal chapters on biodiversity the concepts measurements and status biodiversity of mangrove ecosystems of orissa and its conservation biodiversity crisis management biodiversity of tropical deciduous forest of amarkantak biosphere reserve biodiversity granaries of orissa diversity of grass flora of west bengal provides detailed information on the topics articles on trees and shrubs of koch bihar w bengal the palms of west bengal maize advances in domestic and industrial uses edible pteridophytes in india provide sufficient information on the varied plants article on comparative tree community analysis of evergreen forests of peninsular india ground flora diversity under man made forests and invasive alien plants a threat to the biosphere have added value to the book this book will be highly beneficial to students teachers and research workers in the field of environment botany biodiversity conservation ecology zoology and forestry

Ghost Bears 2018-08-31 biodiversity and ecosystem insecurity provides an authoritative and comprehensive assessment of the threats presented to human security and well being by the loss of ecosystems and biodiversity recently confirmed as one of the critical planetary boundaries that has already been exceeded contributors examine the current trends and state of biodiversity globally the drivers of biodiversity loss including climate change and economic and population pressures and the mechanisms and policies needed for conserving and restoring biodiversity in the future strong emphasis is placed throughout on the fundamental importance of placing a realistic economic value on nature and the services that ecosystems provide if we are to manage our natural resources successfully and also on the crucial role of international institutions and government policies achieving this goal as the recent high profile meeting of the convention on biological diversity in nagoya japan underlined the scale and pace of the destruction of natural habitats and species imperil us all this volume is an invaluable resource for conservationists students and those in the private and public sectors concerned to redress the damage being done to the natural world

Phylogenetic Diversity 2008 loss of biodiversity introduces readers to the important concepts for understanding the environmental challenges and consequences of the declining diversity of life on the planet contributions from scientists and academics in the social sciences and humanities provide readers with an initial tool kit for understanding the concepts central to their disciplinary perspective and the multi dimensional aspects of the loss of biodiversity

Biodiversity Impact & Assessment 2017-09-25 papers presented at a conference held at new york in 1995

Biodiversity and Ecosystem Insecurity 2003 the idea that changes in biodiversity can impact how ecosystems function has over the last quarter century gone from being a controversial notion to an accepted part of science and policy as the field matures it is high time to review progress explore the links between this new research area and fundamental ecological concepts and look ahead to the implementation of this knowledge this book is designed to both provide an up to date overview of research in the area and to serve as a useful textbook for those studying the relationship between biodiversity and the functioning stability and services of ecosystems the ecological and societal consequences of biodiversity loss is aimed at a wide audience of upper undergraduate students postgraduate students and academic and research staff

Loss of Biodiversity 1999 change in climate has consequences on the biophysical environment such as changes in the start and length of the seasons glacial retreat decrease in arctic sea ice extent and a rise in sea level these changes have already had an observable impact on biodiversity at the species level in term of phenology distribution populations and ecosystem level in terms of distribution composition function from a human perspective the rapid climate change and accelerating biodiversity loss risks human security e g a major change in the food chain upon which we depend water sources may change recede or disappear medicines and other resources we rely on may be harder to obtain as the plants and forna they are derived from may reduce or disappear etc environmental conditions play a key role in defining the function and distribution of plants in combination with other factors changes in long term environmental conditions that can be collectively coined climate change are known to have had enormous impacts on current plant diversity patterns further impacts are expected in the future it is predicted that climate change will remain one of the major drivers of biodiversity patterns in the future this book is written for the specialist as well as the concerned citizen this important book presents a comprehensive view of the newest research and thinking on climate change and biological diversity

The Living Planet in Crisis 2022-03-15 extinction is the ultimate fate of all biological species over 99 percent of the species that have ever inhabited the earth are now extinct the long fossil record of life provides scientists with crucial information about when species became extinct which species were most vulnerable to extinction and what processes may have brought about extinctions in the geological past key aspects of extinctions in the history of life are here reviewed by six leading palaeontologists providing a source text for geology and biology undergraduates as well as more advanced scholars topical issues such as the causes of mass extinctions and how animal and plant life has recovered from these cataclysmic events that have shaped biological evolution are dealt with this helps us to view the biodiversity crisis in a broader context and shows how large scale extinctions have had profound and long lasting effects on the earth s biosphere

The Ecological and Societal Consequences of Biodiversity Loss 2018-10-04 this full colour large format hard cover publication includes extensive use of photographs and

practical examples of good and poor practice it has a user friendly tone and includes lots of check lists maps and illustrations new zealand has a long varied and spectacular coastline it supports a diverse range of habitats and species and is of enormous environmental social cultural and economic importance to new zealanders with the growing pressures and threats facing this country s coastal environment we are at risk of losing many of these significant values this fully updated and expanded guide to managing new zealand s coastal environment sets out how these challenges can be better addressed it identifies how the strengthened provisions of the new zealand coastal policy statement 2010 can be proactively implemented to achieve better outcomes for the coast the guide describes the valuable lessons learnt over the past decade in the planning and design of coastal developments and offers insights into current best practice in the field it is an invaluable resource for coastal developers coastal managers professional advisors students people living in coastal communities and everyone else concerned with better managing and protecting new zealand s coastal environment

Climate Change and Biodiversity 2004-11-11 biodiversity and protected areas assembles twelve topics from around the world illustrating the complexities and promise of addressing the biodiversity crisis authors from mongolia africa india canada iraq and the united states dwell on particular aspects and challenges relevant to those regions lessons and approaches from interesting localities coupled with global analyses give the reader a synthetic view of emerging problems the opportunities for understanding common issues across different geographies abound such as comparing local conservation in sub saharan africa with a distribution of very small protected areas in massachusetts several topics will be of immediate interest to policymakers the book is illustrated with numerous color maps and figures and the authors strove for clear uncomplicated writing the editors provide an overview of chapters placing them in the context of other biodiversity and protected area literature students and conservationists attempting to broaden their views of biodiversity and protected areas should find this collection to be interesting

Extinctions in the History of Life 2013 near time an interval that spans the last 100 000 years or so of earth history qualifies as a remarkable period for many reasons from an anthropocentric point of view the out standing feature of near time is the fact that the evolution cultural diversification and global spread of homo sapiens have all occurred within it from a wider biological perspective however the hallmark of near time is better conceived of as being one of enduring repeated loss the point is important despite the sense of uniqueness implicit in phrases like the biodiversity crisis meant to convey the notion that the present bout of extinctions is by far the worst endured in recent times substantial losses have occurred throughout near time in the majority of cases these losses occurred when and only when people began to expand across areas that had never before experienced their presence although the explanation for these correlations in time and space may seem obvious it is one thing to rhetorically observe that there is a connection between humans and recent extinctions and quite another to demonstrate it scientifically how should this be done traditionally the study of past extinctions has fallen largely to researchers steeped in such disciplines as paleontology systematics and paleoecology the evaluation of future losses by contrast has lain almost exclusively within the domain of conservation biologists now more than ever there is opportunity for overlap and sharing of information

Caring for Our Coast 2019-04-16 originally published in 1994 paradise lost is the outcome of a unique collaboration between economists and ecologists initiated by the beijer institute of the royal swedish academy of sciences the book examines how the loss of biodiversity is one of the most serious problems the world faces and suggests that new interdisciplinary thinking is required to safeguard both us and the biosphere from the effects of species extinction the book examines how an integrated interdisciplinary approach to the conservation of biodiversity can understand and tackle the issue it provides an overview of the causes of the problem and examines previous approaches to dealing with it the book also addresses how the loss of biodiversity affects natural systems and provides an examination of environmental policy while discussing how this has been affected by the ecological limits to economic activity this book will be of interest to both academics and students of environmental sciences economics and politics

Biodiversity and Protected Areas 2013-11-09 although biodiversity is a relatively new coinage scientists have been studying the subject it describes long before the word s first appearance in the language in the mid 1980s in 1973 for instance the uk systematics association held a symposium on the changing flora and fauna of britain which concluded that not enough attention was being paid to the conservation of rarities a conclusion also reached said the symposium at a meeting of the linnaean society some forty years earlier by 1980 the global 2000 report to the president published by the us council on environmental quality starkly warned of a diminution of up to one fifth of all species by the turn of the century and there is now a growing consensus that the world faces a biodiversity crisis a potentially catastrophic global loss of genetic ecosystem and most obviously species diversity indeed especially since the un convention on biological diversity was promulgated in rio de janeiro in 1992 conserving biodiversity has become the principal focus of the global conservation movement indeed the study of the origins maintenance and protection of diversity has become perhaps the most vibrant offshoot of ecology and conservation studies it is increasingly taught and studied in universities and other research institutions around the world addressing the need for an authoritative reference work to make sense of this rapidly growing subject and its ever more complex and multidisciplinary corpus of scholarly literature biodiversity and conservation is a new title in the routledge series critical concepts in the environment edited by richard ladle of oxford university s centre for the environment this new major work brings together in five volumes the foundational and the very best cutting edge scholarship to provide a

synoptic view of all the key issues and current debates the first volume in the collection history background and concepts brings together the most important scholarship covering all the major themes that have come to define the scope of the subject for example what is biodiversity and how is it measured also what are the geographic and temporal patterns of biodiversity and what are its values volumes ii and iii meanwhile collect the vital research on topics such as population growth and development habitat loss and fragmentation pollution invasive species terrestrial freshwater and marine biomes and climate change the scope of the materials in volume iv responses to biodiversity loss includes international legal frameworks for conservation biodiversity protected areas and networks conservation planning restoration and rewilding reintroductions and translocations and ex situ conservation via for instance zoos seed and gene banks conservation education and community conservation the scholarship assembled in the final volume future directions in biodiversity conservation collects the best and most influential work on themes such as paleo ecology or how to use the past to understand the future the emergence of conservation biogeography conservation outside protected areas or reconciliation ecology and the effects of the revolution in it also gathered here is the finest research on the idea of a converging agenda around sustainable development poverty and biodiversity as well as the crucial work on economics and market led conservation biodiversity and conservation is fully indexed and includes a comprehensive introduction newly written by the editor which places the collected material in its historical and intellectual context the collection s fresh and explicitly interdisciplinary approach provides a unique insight into the development of the subject from a predominantly science based topic to a vibrant interdisciplinary concern with an increasing appreciation of the social obligations of conservation biodiversity and conservation is an essential reference collection and is destined to be valued by scholars and students as well as conservation policy makers and practitioners as a vital one stop research and pedagogic resource

Extinctions in Near Time 2019-09-18 this volume is one of a number of publications to carry the results of the first research programme of the royal swedish academy of science s beijer institute the institute was formed in 1991 in order to promote interdisciplinary research between natural and social scientists on the interdependency between economic and ecological systems in its first research programme the biodiversity programme the institute brought together a number of leading economists and ecologists to address the theoretical and policy issues associated with the current high rates of biodiversity loss in such systems whether the result of direct depletion the destruction of habitat or specialisation in agriculture forestry and fisheries l this volume reports some of the more policy oriented work carried out under the programme the broad aim of the programme is to further our understanding of the causes and consequences of biodiversity loss and to identify the options for addressing the problem the results have turned out to be surprising to those who see biodiversity loss primarily in terms of the erosion of the genetic library in various ways the work carried out under the programme has already begun to alter our perception of where the problem in biodiversity loss lies and what policy options are available to deal with it indeed the programme has provided a powerful set of arguments for reappraising not just the economic and ecological implications of biodiversity loss but the whole case for development based on specialisation of resource use

Paradise Lost? 2009 scientists and policymakers must work together if solutions to the biodiversity crisis are to be found yet all too often scientific data are unknown or incomprehensible to policymakers and political realities are not fully appreciated by scientists environmental policy and biodiversity addresses that problem by presenting both an overview of important concepts in the field of conservation biology and an examination of the strengths and limitations of the policymaking process topics covered include the ethical and scientific bases of conservation biology the effectiveness of existing environmental policy in protecting biodiversity case studies from california the great lakes region southern appalachia and the florida panhandle an examination of overall environmental policy goals and processes featuring provocative and clearly argued essays from a range of disciplines environmental policy and biodiversity provides resource professionals with valuable insight into conservation issues and can serve as a useful tool in both graduate and undergraduate courses in conservation biology and environmental policy

Biodiversity and Conservation 2012-12-06 human induced biodiversity loss is greater now than at any time in human history with extinctions occurring at rates hundreds of times higher than background extinction levels the field of biodiversity economics analyses the socio economic causes of and solutions to biodiversity loss by combining the disciplines of economics ecology and biology this field has shown a remarkable degree of transformation over the past four decades and now incorporates the analysis of the entire diversity of biological resources within the living world biodiversity economics presents a series of papers that show how bio economic analysis can be applied to the examination and evaluation of the problem of various forms of biodiversity loss containing insightful bio economic research by some of prominent practitioners in the field this volume will be an essential research tool to those working on biodiversity issues in the academic policy and private sectors

Biodiversity Conservation 1994-11 winner of the 2018 james m blaut award in recognition of innovative scholarship in cultural and political ecology enterprising nature explores the rise of economic rationality in global biodiversity law policy and science to view jessica s animation based on the book s themes please visit bioeconomies.org enterprising nature examines disciplinary apparatuses ecological economic methodologies computer models business alliances and regulatory conditions creating the conditions in which nature can be produced as enterprising relates lively firsthand accounts of global processes at work drawn from multi site research in nairobi kenya london england and nagoya japan assesses the scientific technical geopolitical economic and ethical challenges found in attempts to enterprise nature investigates the implications of this will to enterprise for environmental politics and policy

Environmental Policy and Biodiversity 2007-12-13 protected areas spearhead our response to the rapidly accelerating biodiversity crisis however while the number of protected areas has been growing rapidly over the past 20 years the extent to which the world s protected areas are effectively conserving species ecosystems and ecosystem services is poorly understood highlights new techniques for better management and monitoring of protected areas sets guidelines for the decision making processes involved in setting up and maintaining protected areas fully international in scope and covering all ecosystems and biomes

Biodiversity Economics 2016-07-29

Enterprising Nature 2016-02-10

Protected Areas

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