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The Congressional Record is the official record of the proceedings and debates of the United States Congress. It is published daily when Congress is in session. The Congressional Record began publication in 1873. Debates for sessions prior to 1873 are recorded in The Debates and Proceedings in the Congress of the United States (1789–1824), the Register of Debates in Congress (1824–1837), and the Congressional

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Globe (1833-1873)

Rigorous exploration of the Trump administration's pro-fossil fuel policy and its lasting impact on public health, the economy, and the environment.

The Princeton Guide to Ecology is a concise, authoritative one-volume reference to the field's major subjects and key concepts.

Edited by eminent ecologist Simon Levin, with contributions from an international team of leading ecologists, the book contains more than ninety clear, accurate, and up-to-date articles on the most important topics within seven major areas: autecology, population

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ecology, communities and ecosystems, landscapes and the biosphere, conservation biology, ecosystem services, and biosphere management. Complete with more than 200 illustrations (including sixteen pages in color), a glossary of key terms, a chronology of milestones in the field, suggestions for further reading on each topic, and an index, this is an essential volume for undergraduate and graduate students, research ecologists, scientists in related fields, policymakers, and anyone else with a serious interest in ecology. Explains key topics in one concise and authoritative volume Features more than

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ninety articles written by an international team of leading ecologists Contains more than 200 illustrations, including sixteen pages in color Includes glossary, chronology, suggestions for further reading, and index Covers autecology, population ecology, communities and ecosystems, landscapes and the biosphere, conservation biology, ecosystem services, and biosphere management

On the Trail of a Keystone Species
Environmental Notice Bulletin
H.R. 3, the Northern Route Approval Act
Environmental Governance in a
Populist/Authoritarian Era

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Case Studies and Analysis of the United Nations' Journey toward Sustainable Development

NORTHERN ROUTE APPROVAL ACT, MAY 17, 2013,
113-1 HOUSE REPORT 113-61, PART 1

Environmental educators face a formidable challenge when they approach climate change due to the complexity of the science and of the political and cultural contexts in which people live. There is a clear consensus among climate scientists that climate change is already occurring as a result of human activities, but high levels of climate change awareness and growing levels of concern have not translated into meaningful action. Communicating Climate Change provides environmental educators with an

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understanding of how their audiences engage with climate change information as well as with concrete, empirically tested communication tools they can use to enhance their climate change program. Starting with the basics of climate science and climate change public opinion, Armstrong, Krasny, and Schuldt synthesize research from environmental psychology and climate change communication, weaving in examples of environmental education applications throughout this practical book. Each chapter covers a separate topic, from how environmental psychology explains the complex ways in which people interact with climate change information to communication strategies with a focus on framing, metaphors, and messengers. This broad set of topics will aid educators in

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formulating program language for their classrooms at all levels. Communicating Climate Change uses fictional vignettes of climate change education programs and true stories from climate change educators working in the field to illustrate the possibilities of applying research to practice. Armstrong et al, ably demonstrate that environmental education is an important player in fostering positive climate change dialogue and subsequent climate change action. An open access version of this book is available through Cornell Open.

The Ecology of Fire examines the effects of wildfires and fires used in land management.

This volume explores the many and deep connections between the widespread rise of authoritarian leaders and

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populist politics in recent years, and the domain of environmental politics and governance - how environments are known, valued, and managed; for whose benefit; and with what outcomes. The volume is explicitly international in scope and comparative in design, emphasizing both the differences and commonalties to be seen among contemporary authoritarian and populist political formations and their relations to environmental governance. Prominent themes include the historical roots of and precedents for environmental governance in authoritarian and populist contexts; the relationships between populism and authoritarianism and extractivism and resource nationalism; environmental politics as an arena for questions of security and citizenship;

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racialization and environmental politics; the politics of environmental science and knowledge; and progressive political alternatives. In each domain, using rich case studies, contributors analyse what differences it makes when environmental governance takes place in authoritarian and populist political contexts. This book was originally published as a special issue of Annals of the American Association of Geographers.

*The Lehigh Valley: A Natural and Environmental History
A Guide for Educators*

Communicating Climate Change

Federal Register

*United States of America Congressional Record,
Proceedings and Debates of the 113th Congress Second*

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Session Volume 160 - Part 4

Hearing Before the Subcommittee on Energy and Power of the Committee on Energy and Commerce, House of Representatives, One Hundred Twelfth Congress, First Session

Volumes for 1950-19 contained treaties and international agreements issued by the Secretary of State as United States treaties and other international agreements.

Discusses the benefits and risks, as well as the economic and socio-

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political realities, of rewilding as a novel conservation tool.

Interest in oceanography and marine biology and its relevance to global environmental issues continues to increase, creating a demand for authoritative reviews that summarize recent research. *Oceanography and Marine Biology: An Annual Review* has catered to this demand since its foundation, by the late Harold Barnes, more than 40 years ago. It is an

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Cleaning Up the Department of Energy's

Nuclear Weapons Complex

Indicator, Umbrella, Keystone,

Flagship, and Other Surrogate Species

The Princeton Guide to Ecology

Environmental Impact Statement

Concepts of Biology

People, Economy and Planet

Community ecology: the study of the patterns and processes involving two or more species - has developed rapidly in the last two decades, driven by new and

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more sophisticated research techniques, advances in mathematical theory and modeling, and the increasing pressure on the environment wrought by humans. Once a purely descriptive science, it is now one of the most forward-looking areas of scientific inquiry. Morin skillfully guides the reader through the main tenets and central concepts of community ecology - competition, predation, food webs, indirect effects, habitat selection, diversity, and

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succession. In an attempt to introduce the reader to the most balanced coverage possible, Morin includes examples drawn from both the aquatic and terrestrial realm and from both plant and animal species. Balancing theory with experimentation and drawing on exciting new studies to complement the historical foundations of the discipline, he also stresses that both the empirical and theoretical approaches are necessary to drive

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ecology forward into the new millennium. The final chapter on applied community ecology ably demonstrates how community ecological processes have a wide environmental relevance. Although in its infancy, the application of community ecology to emerging problems in human-dominated ecosystems could mitigate problems as diverse as management strategies for important diseases transmitted by animals and the restoration and reconstruction of

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viable communities. Required reading for all students and practitioners interested in community phenomena, Community Ecology marks an important contribution to the development of this protean discipline. The first serious textbook for a decade on one of the keystone subdisciplines of ecology. Broad taxonomic and habitat coverage. Section on implications of community ecology for environmental issues. Reviews of Environmental Contamination

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and Toxicology attempts to provide concise, critical reviews of timely advances, philosophy and significant areas of accomplished or needed endeavor in the total field of xenobiotics, in any segment of the environment, as well as toxicological implications.

ENVIRONMENTAL SCIENCE inspires and equips students to make a difference for the world. Featuring sustainability as their central theme, authors Tyler

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Miller and Scott Spoolman emphasize natural capital, natural capital degradation, solutions, trade-offs, and the importance of individuals. As a result, students learn how nature works, how they interact with it, and how humanity has sustained and can continue to sustain its relationship with the earth by applying nature's lessons to economies and individual lifestyles. Engaging features like Core Case Studies, and Connections boxes

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demonstrate the relevance of issues and encourage critical thinking. Updated with new learning tools, the latest content, and an enhanced art program, this highly flexible book allows instructors to vary the order of chapters and sections within chapters to meet the needs of their courses. Two new active learning features conclude each chapter. Doing Environmental Science offers project ideas based on chapter content that build critical

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thinking skills and integrate scientific method principles. Global Environmental Watch offers online learning activities through the Global Environment Watch website, helping students connect the book's concepts to current real-world issues. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Ecological Buffalo

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Congressional Record 2018 CFR Annual Digital e-Book Edition, 40 Protection of Environment - Parts 61 to 62

What If There Were No Bees?

Community Ecology Rewilding

Discusses ecosystems and the environment, including habitats, food chains and food webs, adaptation, human impact, and genetic engineering.

Follows the chain reaction of losing one animal species, bees, to the grassland ecosystem.

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The vast scope of conservation problems has forced biologists and managers to rely on "surrogate" species to serve as shortcuts to guide their decision making. These species-known by a host of different terms, including indicator, umbrella, and flagship species-act as proxies to represent larger conservation issues, such as the location of biodiversity hotspots or general ecosystem health. Synthesizing an immense body of literature, conservation biologist and field researcher Tim Caro offers systematic definitions of surrogate species concepts, explores biological theories that underlie them, considers how surrogate species are chosen, critically examines evidence for and against their utility, and

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makes recommendations for their continued use. The book clarifies terminology and contrasts how different terms are used in the real world considers the ecological, taxonomic, and political underpinnings of these shortcuts identifies criteria that make for good surrogate species outlines the circumstances where the application of the surrogate species concept shows promise Conservation by Proxy is a benchmark reference that provides clear definitions and common understanding of the evidence and theory behind surrogate species. It is the first book to review and bring together literature on more than fifteen types of surrogate species, enabling us to assess their role in conservation and offering guidelines on how

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they can be used most effectively.

Keystone Oil Pipeline Project, Applicant for Presidential Permit, TransCanada Keystone Pipeline, LP
Resource World Magazine Volume 18 Issue 2

Ecology

An Ecologist's Quest to Understand Nature
Environmental Science

Annual Review of Ecology, Evolution, and Systematics

Some vols. include supplemental journals of "such proceedings of the sessions, as, during the time they were depending, were ordered to be kept secret, and respecting which the injunction of secrecy was afterwards taken

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off by the order of the House".

The Ecological Buffalo takes a deep dive into the complex relationships buffalo have with the other species they share space and time with.

"Many of the findings in the book . . . are classics of ecology. . . . A rare and delightful insight into timely science."--Jane Lubchenco, Nature "Estes's refreshing narrative deftly weaves rigorous science with personal reflection to create an absorbing and introspective read that is equal parts memoir, ecological textbook, and motivational guidebook for young

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ecologists."--Science To newly minted biologist James Estes, the sea otters he was studying in the leafy kelp forests off the coast of Alaska appeared to have an unbalanced relationship with their greater environment. Gorging themselves on the sea urchins that grazed among the kelp, these small charismatic mammals seemed to give little back in return. But as Estes dug deeper, he unearthed a far more complex relationship between the otter and its underwater environment, discovering that otters play a critical role in driving positive ecosystem dynamics. While teasing

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out the connective threads, he began to question our assumptions about ecological relationships. These questions would ultimately inspire a lifelong quest to better understand the surprising complexity of our natural world and the unexpected ways we discover it. Serendipity tells the story of James Estes's life as a naturalist and the concepts that have driven his interest in researching the ecological role of top-level predators. Using the relationships between sea otters, kelp, and sea urchins as a touchstone, Estes retraces his investigations of numerous other species, ecosystems, and

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ecological processes in an attempt to discover why ecologists can learn so many details about the systems in which they work and yet understand so little about the broader processes that influence these systems. Part memoir, part natural history, and deeply inquisitive, Serendipity will entertain and inform readers as it raises thoughtful questions about our relationship with the natural world.

The Ecology of Fire

A Book about the Grassland Ecosystem

National Security and Foreign Policy

Priorities in the Fiscal Year 2012

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International Affairs Budget

Serendipity

Oceanography and Marine Biology, An Annual Review, Volume 40

Global Environmental Sustainability

In this issue we feature Junior Mining Recovery, Gold Sector Consolidating, Area Plays - Saskatchewan, Western USA and the Canadian Maritimes, Copper Demand to Increase, Conversations with Geologists - Ron Netolitzky Veteran geologist exploring Saskatchewan's La Ronge Gold Belt and Ken Konkin unravelling the

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riddle of the Golden Triangle Rocks, Learn to use both fundamental & technical analysis, AMEBC fostering smooth relationship among explorers, government & First Nations, A World of Minerals for your Mobile Device and much more. Plus coverage on Bond Resources, Talisker Resources, Pure Gold Mining, Osisko Metals, Standard Lithium, Novo Resources, Endurance Gold, Mountain Boy, Evolution Mining, Aston Bay, Wolfden Resources, Etrion, Canadian Pipeline Projects and much more. Global Environmental Sustainability: Case Studies and Analysis of the United Nations' Journey toward

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Sustainable Development presents an integrated, interdisciplinary analysis of sustainable development, addressing global environmental problems in the contemporary world. It critically examines current actions being taken on global and local scales, particularly in relation to the UN's efforts to promote sustainable development. This approach is supported by empirical analysis, drawing upon a host of interweaving insights spanning economics, politics, ecology, environmental philosophy, and ethics, among others. As a result, it offers a comprehensive and

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well-balanced assessment of the overall perspective of sustainable development supported by in-depth content analysis, theoretical evaluation, empirical and actual case studies premised on solid data, and actual field work. Also, the book marks a milestone in placing the Covid-19 pandemic into a perspective for understanding the universality of human collective environmental behavior and action. By utilizing in-depth analysis, both quantitative and qualitative, and challenging the status quo of what is expected in the global approach to sustainable development, Global

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Environmental Sustainability provides the theory and methodology of empirical sustainable development which is especially germane to our advanced society today, which is deeply entrenched in a crisis of environmental morality. More particularly, it serves as a salient source of moral reconstitution of society grounded in empirical reality to liberate man's excessive spirit of individualism and self-aggrandizement to the detriment of the environment. Epistemologically, the book furnishes a remarkable tour de force with a new level of analytical insight to help

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researchers, practitioners, and policymakers in sustainability and environmental science, as well as the many other disciplines involved in sustainable development, to better understand sustainability from a new perspective and provides a methodological direction to pursue solutions going forward. Provides a systematic exposition of sustainable development in all its complexity, with all the chapters complementing each other in an integral way Presents extensive empirical evidence of various environmental problems across the world including China, the United States, Canada,

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Southeast Asia, South America and Africa, and the extent to which the United Nations has succeeded in driving toward global environmental sustainability Provides a cogent examination of the treatment of our global commons by some of the world's most powerful leaders Includes data from field studies and in-depth interviews with indigenous people in Borneo's rainforests of the Malaysian state of Sarawak most affected by environmental change
Most arches built today contain a single building block at the top that is the most important piece.

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This special piece can be found in the arches of soaring cathedrals, doorways in temples, and even simple buildings made out of wooden blocks. It is called a keystone, and it holds everything else together. Remove the keystone and the building or doorway is likely to collapse. The same thing is true in nature. Certain species of animals and plants are so important to their ecosystems, that if they disappear, the whole system may collapse. They are called keystone species. Some keystone species are large, like white rhinos, while others are quite small, like honey bees. But size doesn't

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matter in an ecosystem. All living things rely on other species to survive. A keystone species plays an especially large role that affects many different species in an ecosystem. Some keystone species are at the top of a huge ecosystem like the Greater Yellowstone Ecosystem, while others may affect a tiny ecosystem in a river or forest. Whether the ecosystem is big or small, the result of a keystone species disappearing or being greatly reduced is the same. Just like one falling domino can cause many others to fall, the loss of a keystone species can lead to the extinction of many other species.

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Today scientists are focusing more attention on preserving the natural balance in ecosystems. Identifying and protecting keystone species is an important part of their work.

Hearing Before the Subcommittee on Energy and Power of the Committee on Energy and Commerce, House of Representatives, One Hundred Thirteenth Congress, First Session, April 10, 2013

Summary on the Activities of the Committee on Transportation and Infrastructure for the ...
Congress
United States at Large

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The American Energy Initiative Ecosystems & Environment Crafting Superior Environmental Enforcement Solutions

Concepts of Biology is designed for the single-semester introduction to biology course for non-science majors, which for many students is their only college-level science course. As such, this course represents an important opportunity for students to develop the necessary knowledge, tools, and skills to make informed decisions as they continue

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with their lives. Rather than being mired down with facts and vocabulary, the typical non-science major student needs information presented in a way that is easy to read and understand. Even more importantly, the content should be meaningful. Students do much better when they understand why biology is relevant to their everyday lives. For these reasons, Concepts of Biology is grounded on an evolutionary basis and includes exciting features that highlight careers in the biological sciences and

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everyday applications of the concepts at hand. We also strive to show the interconnectedness of topics within this extremely broad discipline. In order to meet the needs of today's instructors and students, we maintain the overall organization and coverage found in most syllabi for this course. A strength of Concepts of Biology is that instructors can customize the book, adapting it to the approach that works best in their classroom. Concepts of Biology also includes an innovative art program that incorporates

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critical thinking and clicker questions to help students understand--and apply--key concepts.

Journal of the House of Representatives of the United States

Hearing Before the Committee on Foreign Relations, United States Senate, One Hundred Twelfth Congress, First Session, March 2, 2011
Containing the Laws and Concurrent Resolutions ... and Reorganization Plan, Amendment to the Constitution, and Proclamations

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Conservation by Proxy

Proceedings and Debates of the ... Congress

Keystone Species That Live in Ponds, Streams, and Wetlands