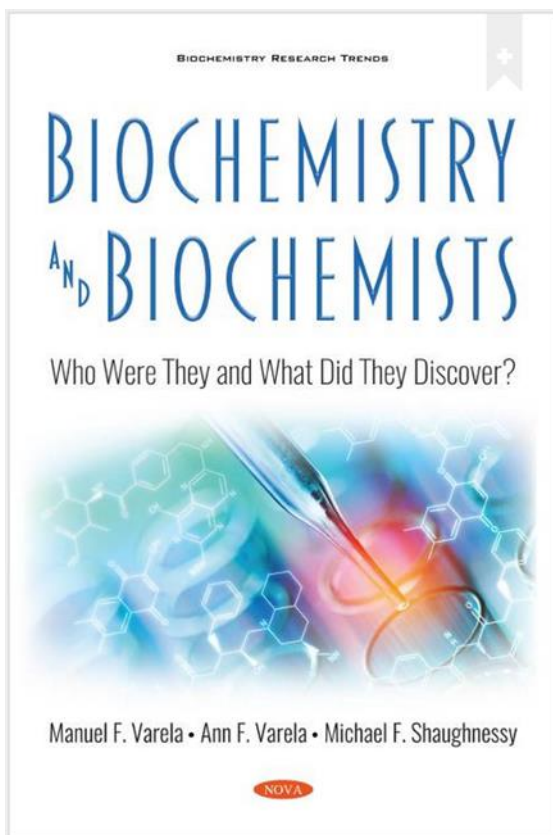


Vážení pedagógovia a študenti, koncom roka sme na úrovni Akademickej knižnice UK zakúpili do trvalej akvizície 8 titulov kníh v e-verzii na platforme [ProQuest](#). Link na ne nájdete aj pri vyhľadávaní v online knižničnom katalógu, pripájame krátke informácie a odkaz priamo na platformu ProQuest:

[Biochemistry and biochemists: who were they and what did they discover?](#)



Čtení online

Stážení celé knihy

VYDAVATEL

Nova Science Publishers, Incorporated

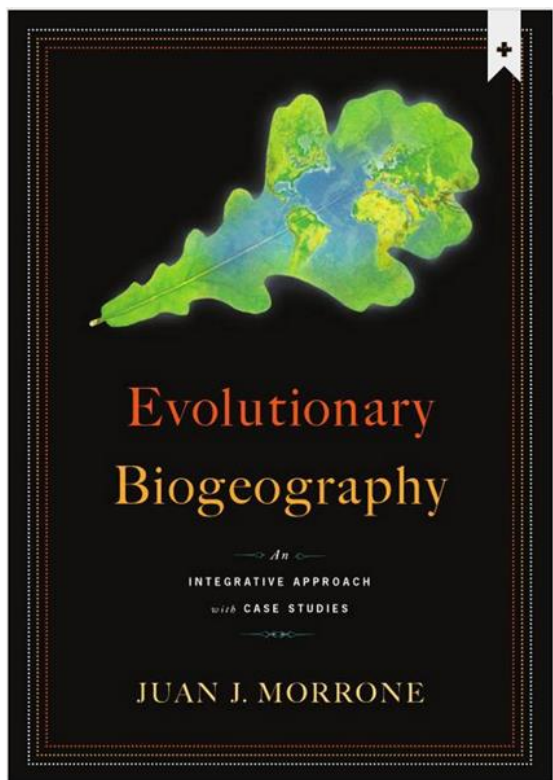
DATUM VYD. TIŠTĚNÉ KNIHY

2020-09-11

Popis

The book *Biochemistry and Biochemists: Who Were They and What did They Discover* is a series of twenty five reviews regarding the top twenty five biochemists of the last two hundred years. The book chronicles the work and discoveries of research scientists from various parts of the world (Severo Ochoa of Spain, John Earnest Walker of Great Britain, Luis Leloir of France, Jens Skou of Denmark as well Masayusa Nomura of Japan). Some of these biochemists did foundational work (Albert Szent-Gyorgy in the realm of vitamin C) and others did exemplary work into some of the most important realms of their time (such as Dorothy Hodgkin and her explorations into the structures of penicillin and insulin). Enzyme kinetics was explored and researched by Maud Menten and Leonor Michaelis. The lives and explorations of these individuals as well as relevant anecdotes regarding their lives are explored in this book. For example, Jakub Karos Parnas, a well known scholar and researcher died in the famous Lyubyanka Prison in Moscow, although the exact cause of his death may never be known. Luis Leloir was born in the shadow of the Arc de Triomphe in Paris and went on to achieve greatness and crucial insights in sugar metabolism and glycogen biosynthesis. Some of these researchers investigated things as simple as water (and their transpiration into and out of cells) and others offered such profound ideas such as Albert Klyver and his comments that "all organisms do biochemistry". In a sense, all students of biochemistry as well as chemistry would do well to learn about these biochemists, their discoveries and a bit about their lives- as many led many challenging lives- such as escaping from the Germans in World War II. Each of the biochemists here in this text had something to offer the realm of science and many were rewarded with the highest honor imaginable- the Nobel Prize- and some of them succeeded in their chosen field of endeavor- even though they may have failed Anatomy and Physiology four times! Investigations into DNA, ATP and these realms also are highlighted in this book as these fundamental concepts are obviously of critical importance in the realm of biochemistry. This book is first a serious exploration into the discoveries of these biochemists while at the same time an interesting examination of the lives, and loves and trials and tribulations of these biochemists who literally changed the face of biochemistry over the years.

[Evolutionary biogeography: an integrative approach with case studies](#)



Čtení online

Stážení celé knihy

VYDAVATEL

Columbia University Press

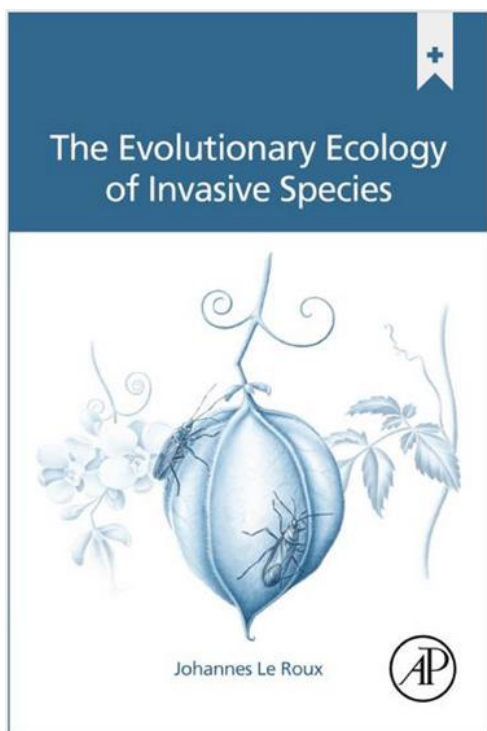
DATUM VYD. TIŠTĚNÉ KNIHY

2008-12-26

Popis

Rather than favoring only one approach, Juan J. Morrone proposes a comprehensive treatment of the developments and theories of evolutionary biogeography. Evolutionary biogeography uses distributional, phylogenetic, molecular, and fossil data to assess the historical changes that have produced current biotic patterns. Panbiogeography, parsimony analysis of endemism, cladistic biogeography, and phylogeography are the four recent and most common approaches. Many conceive of these methods as representing different "schools," but Morrone shows how each addresses different questions in the various steps of an evolutionary biogeographical analysis. Panbiogeography and parsimony analysis of endemism are useful for identifying biotic components or areas of endemism. Cladistic biogeography uses phylogenetic data to determine the relationships between these biotic components. Further information on fossils, phylogeographic patterns, and molecular clocks can be incorporated to identify different cenocrons. Finally, available geological knowledge can help construct a geobiotic scenario that may explain how analyzed areas were put into contact and how the biotic components and cenocrons inhabiting them evolved. Morrone compares these methods and employs case studies to make it clear which is best for the question at hand. Set problems, discussion sections, and glossaries further enhance classroom use.

[The Evolutionary Ecology of Invasive Species](#)



Čtení online

Stážení celé knihy

VYDAVATEL

Elsevier Science & Technology

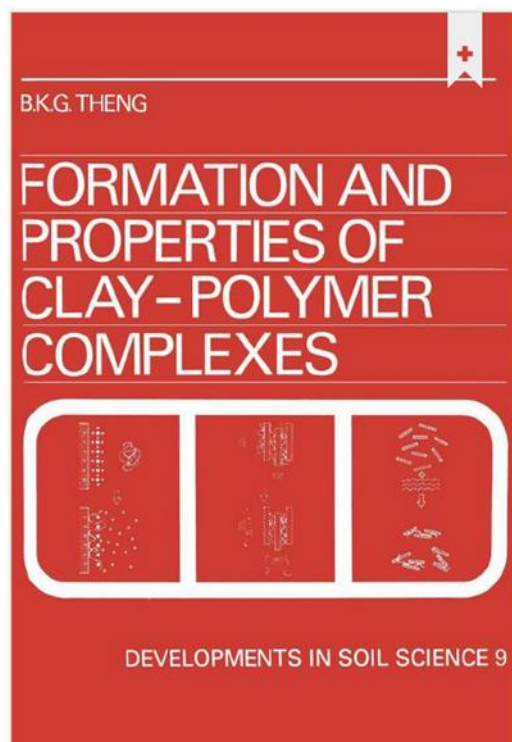
DATUM VYD. TIŠTĚNÉ KNIHY

2021-10-28

Popis

The Evolutionary Ecology of Invasive Species offers new insights into the mechanisms that underlie rapid evolution in these species. The book provides a comprehensive overview of achievements in the field during the boom of information over the past two decades and includes discussions of possible future directions for the study of evolution in invasive species. Written by an international expert in invasion ecology, population genetics, and evolutionary biology, the book explores the roles of preadaptation, phenotypic plasticity, selection, and stochastic processes in driving rapid evolution. The book draws insights from a wide spectrum of invasive microbes, plants, and animals, covering many of the planet's biogeographic regions and discusses the evolutionary consequences for native species in response to biological invasions. A valuable resource to researchers and students in evolutionary biology, invasive species biology, and global change biology, this text suggests future research directions related to the evolutionary biology, impacts, and management of invasive species. Highlights the most recent advances and developments in using evolutionary principles to study and manage invasive species Offers new and often overlooked insights in processes that govern rapid evolution Discusses key stages of population demography that underlie rapid evolutionary change in invasive species, including their introduction, naturalisation, and dispersal

[Formation and properties of clay-polymer complexes](#)



Čtení online

Stážení celé knihy

VYDAVATEL

Elsevier Science & Technology

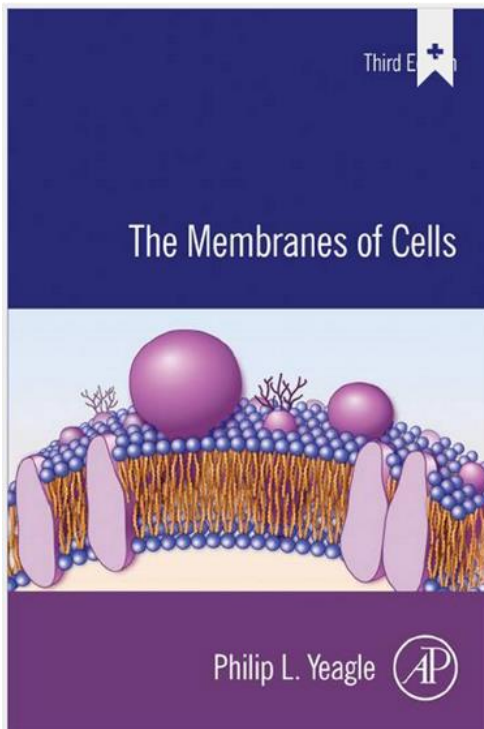
DATUM VYD. TIŠTĚNÉ KNIHY

1979-06-01

Popis

Formation and Properties of Clay-Polymer Complexes

[The membranes of cells](#)



Čtení online

Stahování celé knihy

VYDAVATEL

Elsevier Science & Technology

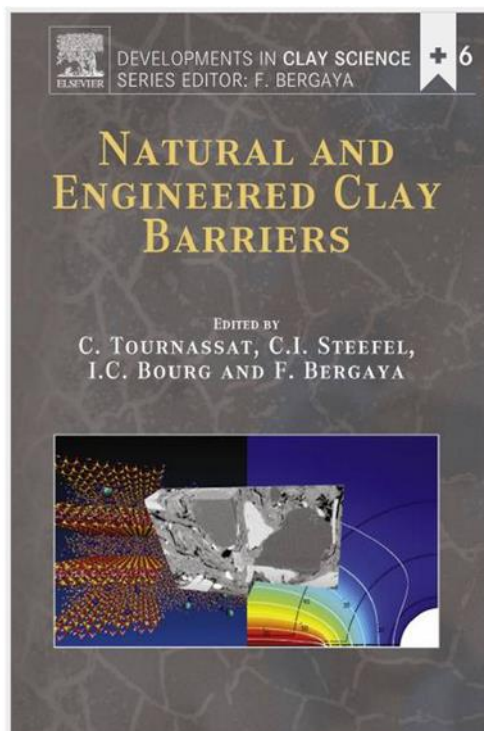
DATUM VYD. TIŠTĚNÉ KNIHY

2016-02-11

Popis

The Membranes of Cells, Third Edition, provides a basic guide to biomembranes, connecting researchers to the numerous fields of biology. The new edition offers a complete update of content based on new understandings in the field. Foundational content for graduate students, researchers, professors, and undergraduate students across the sciences is provided, succinctly covering all of the basic information needed for lipids and membranes. Connects membrane research to numerous fields of biology Provides a basic guide to the interdisciplinary studies of membranes Offers a companion website with recommended readings and dynamic visual representations of the content Includes four color illustrations to offer the best visual representation of concepts

[Natural and engineered clay barriers](#)



Čtení online

Stahování celé knihy

VYDAVATEL

Elsevier

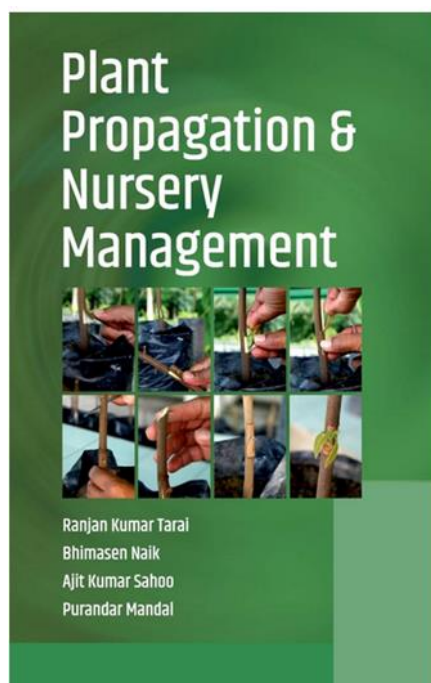
DATUM VYD. TIŠTĚNÉ KNIHY

2015-05-15

Popis

Clays are used as barriers for the isolation of landfills and contaminated sites. They are envisioned as long-term storage media for hazardous materials and radioactive wastes, and as seals in the case of geological CO₂ sequestration or energy storage. Clay properties greatly influence the integrity, efficiency, and safety of these applications. "Natural and Engineered Clay Barriers" provides a clear view of the fundamental properties of clay materials and how these properties affect their engineering applications. This volume focuses on how the mass transfer properties (hydraulic permeability, gas fluxes, molecular diffusion, semi-permeable membrane properties), geochemical reactivity (adsorption, dissolution) and mechanical properties of clay barriers at the macroscale are influenced by phenomena that occur at clay mineral-water interfaces. Examines clay properties from the molecular to the macroscopic scale Addresses experimental and modeling issues Authored by experts in the properties of clay barriers

Plant Propagation and Nursery Management



Čtení online

Stahnutí celé knihy

VYDAVATEL

New India Publishing Agency (NIPA)

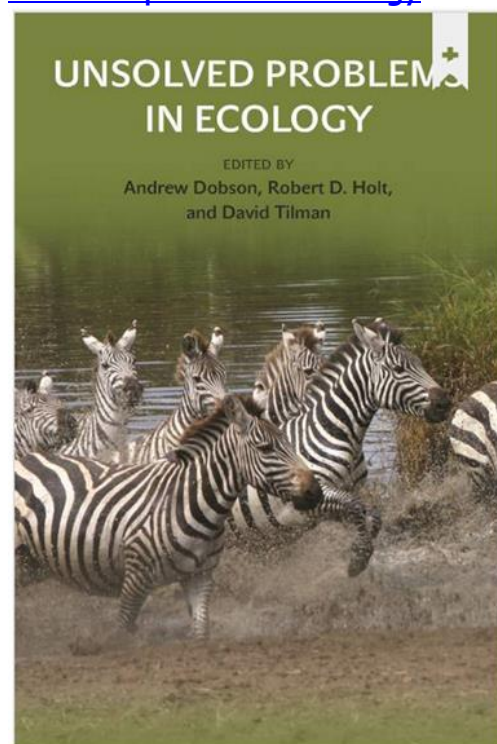
DATUM VYD. TIŠTĚNÉ KNIHY

2021-05-24

Popis

This textbook 'Plant Propagation and Nursery Management' is written according to the syllabus of B.Sc. (Hons.) Horticulture prescribed by the ICAR-Fifth Deans' Committee. It covers the complete syllabus including propagation structures; nursery techniques and management; sexual method of propagation; apomixis, polyembryony, chimera and bud sport; selection and maintenance of mother trees; collection of scion wood stick, scion-stock relationship and their influences, and bud wood certification; natural vegetative propagation; conventional artificial vegetative propagation; and biotechnological artificial vegetative propagation (micropropagation). Simple and lucid language has been followed for clear and easy understanding of the beginners. The book is illustrated with photographs and diagrams. Questions are set at the end of each chapter under Outcomes Assessment to assess the understanding of the students. Although the book is primarily designed for B.Sc. (Hons.) Horticulture students, the counterparts of B.Sc. (Hons.) Agriculture also may be benefitted. It may serve as a help book for post-graduate students and nurserymen.

Unsolved problems in ecology



Čtení online

Stahnutí celé knihy

VYDAVATEL

Princeton University Press

DATUM VYD. TIŠTĚNÉ KNIHY

2020-06-02

Popis

Leading ecologists discuss some of the most compelling open questions in the field today. *Unsolved Problems in Ecology* brings together many of the world's leading ecologists to discuss the most fundamental research questions confronting the field today. This diverse and thought-provoking collection of essays spans virtually all of the key subfields of the discipline, from behavioral and evolutionary ecology to population biology, community ecology, ecosystem ecology, disease ecology, and conservation biology. These essays are intended to stoke curiosity, challenge prevailing wisdom, and provoke new ways of thinking about ecology in light of new technologies and unprecedented environmental challenges brought on by climate and land-use change. Authoritative and accessible, *Unsolved Problems in Ecology* is ideal for graduate students in the early stages of their scientific careers and an essential resource for seasoned ecologists looking for exciting new directions to take their research. Sheds light on modern ecology's most important and compelling open questions. Features thought-provoking contributions from more than two dozen world-class ecologists. Covers behavior, evolution, communities, ecosystems, resource management, and more. Discusses ways to raise the financial and intellectual profile of the discipline. An invaluable resource for graduate students as well as seasoned ecologists.

Odporúčame sa zaregistrovať a knihy čítať z PC v priestoroch PriF UK alebo si vo svojich zariadeniach nastaviť vzdialený prístup (návod [TU](#)).

Vaša knižnica