

Plant Reproductive Ecology: Patterns and Strategies

From Oxford University Press

Donwload Read Online

Plant Reproductive Ecology: Patterns and Strategies From Oxford University Press

This collection of reviews by leading investigators examines plant reproduction and sexuality within a framework of evolutionary ecology, providing an up-to-date account of the field. The contributors discuss conceptual issues, showing the importance of sex allocation, sexual selection and inclusive fitness, and the dimensions of paternity and maternity in plants. The evolution, maintenance, and loss of self-incompatibility in plants, the nature of 'sex choice' in plants, and sex dimorphism are all explored in detail. Specific forms of biotic interactions shaping the evolution of plant reproductive strategy are discussed, and a taxonomically based review of the reproductive ecology of non-angiosperm plant groups, such as bryophytes, ferns, and algae, is presented. Together these studies focus on the complexities of plant life cycles and the distinctive reproductive biologies of these organisms, while showing the similarities between nonflowering plants and the more thoroughly documented flowering species.

Download Plant Reproductive Ecology: Patterns and Strategie ...pdf

Read Online Plant Reproductive Ecology: Patterns and Strateg ...pdf

Plant Reproductive Ecology: Patterns and Strategies

From Oxford University Press

Plant Reproductive Ecology: Patterns and Strategies From Oxford University Press

This collection of reviews by leading investigators examines plant reproduction and sexuality within a framework of evolutionary ecology, providing an up-to-date account of the field. The contributors discuss conceptual issues, showing the importance of sex allocation, sexual selection and inclusive fitness, and the dimensions of paternity and maternity in plants. The evolution, maintenance, and loss of self-incompatibility in plants, the nature of 'sex choice' in plants, and sex dimorphism are all explored in detail. Specific forms of biotic interactions shaping the evolution of plant reproductive strategy are discussed, and a taxonomically based review of the reproductive ecology of non-angiosperm plant groups, such as bryophytes, ferns, and algae, is presented. Together these studies focus on the complexities of plant life cycles and the distinctive reproductive biologies of these organisms, while showing the similarities between nonflowering plants and the more thoroughly documented flowering species.

Plant Reproductive Ecology: Patterns and Strategies From Oxford University Press Bibliography

- Sales Rank: #4296518 in Books
- Published on: 1990-02-22
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .91" w x 6.06" l, 1.17 pounds
- Binding: Paperback
- 360 pages

Download Plant Reproductive Ecology: Patterns and Strategie ...pdf

Read Online Plant Reproductive Ecology: Patterns and Strateg ...pdf

Download and Read Free Online Plant Reproductive Ecology: Patterns and Strategies From Oxford University Press

Editorial Review

Review

"Some papers achieve their goal of reviewing and synthesizing, while others provide worthy comprehensive reviews. . . .A good reference volume for researchers." --*Plant Genetics Newsletter*

"This book provides a valuable reference for graduate students and researchers interested in evolutionary ecology and plant reproductive biology. Chapters by the Lovett Dousts, Bertin, Zimmerman, and Lee are especially notable in their critical and analytical perspectives on theory and current data."--*REVIEWS*

"Many individual chapters are superb and there is evidence of diligent editorial work (I strained to find a typographical error). For the specialist or one willing to brave a complex field relatively unaided, this is a most useful book."-- *The Quarterly Review of Books*

"Plant reproductive biology is currently undergoing rapid intellectual and empirical growth, brought about in large part by an infusion of new conceptual perspectives from which to describe and evaluate plant breeding systems. In this volume editors Jon and Lesley Lovett Doust have brought together 15 review papers by 18 different authors which provide a thorough and up to date summary of critical evolutionary questions focused on plant reproductive ecology. . . . This book provides a valuable reference for graduate students and researchers interested in evolutionary ecology and plant reproductive biology." --*Ecology*

"This volume should be on the shelf of every person interested in the ecology and evolution of plant reproduction; it is an important volume that documents the rapid progress made in this area over the past 10-15 years." --*The Bryologist*

About the Author
Jon and Lesley Lovett-Doust is at the University of Windsor.

Users Review

From reader reviews:

Carrie Rivas:

Have you spare time for a day? What do you do when you have a lot more or little spare time? Sure, you can choose the suitable activity with regard to spend your time. Any person spent their own spare time to take a

wander, shopping, or went to the actual Mall. How about open or even read a book entitled Plant Reproductive Ecology: Patterns and Strategies? Maybe it is to get best activity for you. You recognize beside you can spend your time with the favorite's book, you can more intelligent than before. Do you agree with it has the opinion or you have other opinion?

Erich Arnold:

Now a day people that Living in the era wherever everything reachable by connect with the internet and the resources in it can be true or not call for people to be aware of each information they get. How people have to be smart in having any information nowadays? Of course the correct answer is reading a book. Reading through a book can help people out of this uncertainty Information specifically this Plant Reproductive Ecology: Patterns and Strategies book because book offers you rich facts and knowledge. Of course the knowledge in this book hundred per cent guarantees there is no doubt in it everbody knows.

Stuart Perez:

A lot of people always spent their own free time to vacation or even go to the outside with them loved ones or their friend. Do you realize? Many a lot of people spent that they free time just watching TV, or playing video games all day long. In order to try to find a new activity here is look different you can read any book. It is really fun for you personally. If you enjoy the book that you simply read you can spent the entire day to reading a book. The book Plant Reproductive Ecology: Patterns and Strategies it is rather good to read. There are a lot of people that recommended this book. They were enjoying reading this book. Should you did not have enough space bringing this book you can buy typically the e-book. You can m0ore effortlessly to read this book from the smart phone. The price is not too expensive but this book provides high quality.

Donnie Matthews:

You can spend your free time to see this book this e-book. This Plant Reproductive Ecology: Patterns and Strategies is simple bringing you can read it in the playground, in the beach, train and soon. If you did not include much space to bring the particular printed book, you can buy often the e-book. It is make you simpler to read it. You can save the book in your smart phone. Consequently there are a lot of benefits that you will get when you buy this book.

Download and Read Online Plant Reproductive Ecology: Patterns and Strategies From Oxford University Press #LH0124I85Y7

Read Plant Reproductive Ecology: Patterns and Strategies From Oxford University Press for online ebook

Plant Reproductive Ecology: Patterns and Strategies From Oxford University Press Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Plant Reproductive Ecology: Patterns and Strategies From Oxford University Press books to read online.

Online Plant Reproductive Ecology: Patterns and Strategies From Oxford University Press ebook PDF download

Plant Reproductive Ecology: Patterns and Strategies From Oxford University Press Doc

Plant Reproductive Ecology: Patterns and Strategies From Oxford University Press Mobipocket

Plant Reproductive Ecology: Patterns and Strategies From Oxford University Press EPub