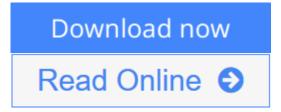


# The Evolutionary Biology of Plants

By Karl J. Niklas



# The Evolutionary Biology of Plants By Karl J. Niklas

Although they are among the most abundant of all living things and provide essential oxygen, food, and shelter to the animal kingdom, few books pay any attention to how and why plants evolved the wondrous diversity we see today. In this richly illustrated and clearly written book, Karl J. Niklas provides the first comprehensive synthesis of modern evolutionary biology as it relates to plants.

After presenting key evolutionary principles, Niklas recounts the saga of plant life from its origins to the radiation of the flowering plants. To investigate how living plants might have evolved, Niklas conducts a series of computer-generated "walks" on fitness "landscapes," arriving at hypothetical forms of plant life strikingly similar to those of today and the distant past. He concludes with an extended consideration of molecular biology and paleontology. An excellent overview for undergraduates, this book will also challenge graduate students and researchers.



Read Online The Evolutionary Biology of Plants ...pdf

# The Evolutionary Biology of Plants

By Karl J. Niklas

# The Evolutionary Biology of Plants By Karl J. Niklas

Although they are among the most abundant of all living things and provide essential oxygen, food, and shelter to the animal kingdom, few books pay any attention to how and why plants evolved the wondrous diversity we see today. In this richly illustrated and clearly written book, Karl J. Niklas provides the first comprehensive synthesis of modern evolutionary biology as it relates to plants.

After presenting key evolutionary principles, Niklas recounts the saga of plant life from its origins to the radiation of the flowering plants. To investigate how living plants might have evolved, Niklas conducts a series of computer-generated "walks" on fitness "landscapes," arriving at hypothetical forms of plant life strikingly similar to those of today and the distant past. He concludes with an extended consideration of molecular biology and paleontology. An excellent overview for undergraduates, this book will also challenge graduate students and researchers.

# The Evolutionary Biology of Plants By Karl J. Niklas Bibliography

Sales Rank: #984929 in Books
Published on: 1997-06-08
Released on: 1997-06-08
Original language: English

• Number of items: 1

• Dimensions: 9.00" h x 1.20" w x 6.00" l, 1.40 pounds

• Binding: Paperback

• 470 pages



Read Online The Evolutionary Biology of Plants ...pdf

# Download and Read Free Online The Evolutionary Biology of Plants By Karl J. Niklas

# **Editorial Review**

About the Author

**Karl J. Niklas** is the Liberty Hyde Bailey Professor of Plant Biology and a Stephen H. Weiss Presidential Fellow in the Plant Biology Section of the School of Integrative Plant Science at Cornell University.

### **Users Review**

#### From reader reviews:

#### **Elaine Roberts:**

The book The Evolutionary Biology of Plants give you a sense of feeling enjoy for your spare time. You need to use to make your capable considerably more increase. Book can to be your best friend when you getting tension or having big problem along with your subject. If you can make studying a book The Evolutionary Biology of Plants to get your habit, you can get much more advantages, like add your personal capable, increase your knowledge about some or all subjects. You could know everything if you like open up and read a book The Evolutionary Biology of Plants. Kinds of book are several. It means that, science publication or encyclopedia or other individuals. So, how do you think about this publication?

### **Michael Stricklin:**

Typically the book The Evolutionary Biology of Plants will bring that you the new experience of reading a book. The author style to describe the idea is very unique. In case you try to find new book to learn, this book very suitable to you. The book The Evolutionary Biology of Plants is much recommended to you to study. You can also get the e-book from the official web site, so you can quicker to read the book.

# **Mary Summers:**

The guide with title The Evolutionary Biology of Plants has lot of information that you can learn it. You can get a lot of advantage after read this book. This kind of book exist new information the information that exist in this publication represented the condition of the world currently. That is important to yo7u to learn how the improvement of the world. This particular book will bring you inside new era of the globalization. You can read the e-book in your smart phone, so you can read the item anywhere you want.

## **Steven Delorme:**

Many people spending their time frame by playing outside with friends, fun activity along with family or just watching TV 24 hours a day. You can have new activity to pay your whole day by reading a book. Ugh, you think reading a book can actually hard because you have to take the book everywhere? It alright you can

have the e-book, getting everywhere you want in your Mobile phone. Like The Evolutionary Biology of Plants which is finding the e-book version. So , try out this book? Let's find.

# Download and Read Online The Evolutionary Biology of Plants By Karl J. Niklas #G0HBK2US5YP

# Read The Evolutionary Biology of Plants By Karl J. Niklas for online ebook

The Evolutionary Biology of Plants By Karl J. Niklas 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 The Evolutionary Biology of Plants By Karl J. Niklas books to read online.

# Online The Evolutionary Biology of Plants By Karl J. Niklas ebook PDF download

The Evolutionary Biology of Plants By Karl J. Niklas Doc

The Evolutionary Biology of Plants By Karl J. Niklas Mobipocket

The Evolutionary Biology of Plants By Karl J. Niklas EPub