



# The Conservation of Plant Biodiversity

By Otto Herzberg Frankel, Anthony H. D. Brown, Jeremy James Burdon

[Download now](#)

[Read Online](#) 

**The Conservation of Plant Biodiversity** By Otto Herzberg Frankel, Anthony H. D. Brown, Jeremy James Burdon

As in other areas of conservation, the crucial question concerning plant biodiversity isn't whether to conserve but how best to conserve diversity at the different levels of biological organization--the gene, the species and the community. Conservation biology is faced with several controversial issues, such as the dichotomy between the preservation of individual species versus a broader focus on the environment, the relative importance to give to endangered species, the design and management of reserves, and the drive for increasing agricultural productivity through plant improvement versus the drive to maintain traditional peasant varieties in cultivation. These and other issues are dealt with here by emphasizing and exploring the underlying scientific principles. The conservation of whole communities emerges as the paramount strategy for maintaining the evolutionary potential of plant life.

 [Download The Conservation of Plant Biodiversity ...pdf](#)

 [Read Online The Conservation of Plant Biodiversity ...pdf](#)

# The Conservation of Plant Biodiversity

By Otto Herzberg Frankel, Anthony H. D. Brown, Jeremy James Burdon

**The Conservation of Plant Biodiversity** By Otto Herzberg Frankel, Anthony H. D. Brown, Jeremy James Burdon

As in other areas of conservation, the crucial question concerning plant biodiversity isn't whether to conserve but how best to conserve diversity at the different levels of biological organization--the gene, the species and the community. Conservation biology is faced with several controversial issues, such as the dichotomy between the preservation of individual species versus a broader focus on the environment, the relative importance to give to endangered species, the design and management of reserves, and the drive for increasing agricultural productivity through plant improvement versus the drive to maintain traditional peasant varieties in cultivation. These and other issues are dealt with here by emphasizing and exploring the underlying scientific principles. The conservation of whole communities emerges as the paramount strategy for maintaining the evolutionary potential of plant life.

**The Conservation of Plant Biodiversity By Otto Herzberg Frankel, Anthony H. D. Brown, Jeremy James Burdon Bibliography**

- Sales Rank: #4991447 in Books
- Brand: Brand: Cambridge University Press
- Published on: 1995-09-29
- Original language: English
- Number of items: 1
- Dimensions: 8.98" h x .71" w x 5.98" l, 1.17 pounds
- Binding: Paperback
- 316 pages

 [Download The Conservation of Plant Biodiversity ...pdf](#)

 [Read Online The Conservation of Plant Biodiversity ...pdf](#)

**Download and Read Free Online The Conservation of Plant Biodiversity By Otto Herzberg Frankel, Anthony H. D. Brown, Jeremy James Burdon**

---

## **Editorial Review**

### **Review**

"This book would be excellent as an introductory text in an advanced course, or good background for already practicing biologists....[I]f you are taking on the conservation of a plant community and all it entails, then Frankel et al.'s book will get you very well started." James P. Bennett, *Natural Areas Journal*

"This book fills a useful role in bringing a more rounded, scientifically based perspective to the conservation biology of plants....we learned a great deal from this book and would recommend it to anyone with even a passing interest in conservation biology." *Bulletin of the Torrey Botany Club*

"...will inform and guide all concerned with conservation biology....It would serve well as a text for courses focusing on plant conservation or biodiversity. It is essential reading for designers and managers of reserves, crop geneticists, scientists who study threatened and endangered plants, and students of conservation biology." Christopher S. Campbell, *Ecology*

"The authors of the present volume clearly outline thier conceptual framework for the conservation of plant biodiversity....The strength of this book is that for each general topic...the authors provide a summary of both the underlying theoretical issues, and practical applications. The book is therefore of value to anyone interested in plant ecology or population genetics whether or not thier emphasis is on conservation." A. Jonathan Shaw, *The Bryologist*

"The book's major strengths lie in the discussion of genetic aspects of conservation, and in the inclusion of both domesticated/useful species and wild species as targets for conservation. There are superb reviews of the determinants of genetic variation within species, of the genetic aspects of crop evolution, of the importance of wild species as resources for the genetic "improvement" of crops, and of the mechanisms and processes of population genetics....The most valuable aspect of this book, is its thought-provoking assertions about the purpose and practice of conservation....broad, substantive content make this book ideal for a graduate seminar or advanced discussion group, where some background in ecology and genetics might be required or supplemented by other readings....I predict it will stimulate debate and clarification of thinking among researchers and conservationists as well." Laura F. Huenneke, *Ecoscience*

"I plan to keep my copy within easy reach so that I can use it as a shortcut to quickly delve into the botanical side of conservation biology." Robert B. Blair, *The Quarterly Review of Biology*

"The Conservation of Plant Biodiversity provides a useful introduction to the field of plant conservation, particularly ex-situ conservation of plant genetic resources." Bruce A. Stein, *Systematic Botany*

"[I]nteresting, and presents information well regarding the conservation of plant biodiversity from the gene to species level. We recommend the book to those interested in crops and their relatives." *Economic Botany*

### **From the Back Cover**

The Conservation of Plant Biodiversity takes an evolutionary perspective to the conservation of plant biodiversity, stressing the need to explore both current and long-term issues. It highlights three conservation strategies: communities conserved in nature reserves; individual species conserved in nature reserves or botanic gardens; and domesticated plants, preserved mainly in germplasm collections. Because conservation

biology has such a broad scope and relevance to the community at large, it is faced with several controversial issues such as the dichotomy between the preservation of individual species versus a broader focus on the ecosystem; the relative importance to give to endangered species; the design and management of reserves and the value of corridors; and the drive for increasing agricultural productivity through plant improvement versus the drive to maintain traditional peasant varieties in cultivation. Here, these and other issues are examined, by emphasizing and exploring the underlying scientific principles. The conservation of whole communities emerges as the paramount strategy for maintaining the evolutionary potential of plant life.

## **Users Review**

### **From reader reviews:**

#### **Ernie Swisher:**

Now a day those who Living in the era everywhere everything reachable by connect with the internet and the resources inside can be true or not need people to be aware of each information they get. How many people to be smart in having any information nowadays? Of course the answer is reading a book. Examining a book can help people out of this uncertainty Information mainly this The Conservation of Plant Biodiversity book because book offers you rich info and knowledge. Of course the information in this book hundred pct guarantees there is no doubt in it you may already know.

#### **Eric Baur:**

Don't be worry in case you are afraid that this book will certainly filled the space in your house, you will get it in e-book means, more simple and reachable. This kind of The Conservation of Plant Biodiversity can give you a lot of friends because by you taking a look at this one book you have point that they don't and make you actually more like an interesting person. This specific book can be one of a step for you to get success. This e-book offer you information that might be your friend doesn't know, by knowing more than other make you to be great people. So , why hesitate? We need to have The Conservation of Plant Biodiversity.

#### **Laura Dumas:**

Publication is one of source of information. We can add our know-how from it. Not only for students but additionally native or citizen have to have book to know the up-date information of year to be able to year. As we know those ebooks have many advantages. Beside most of us add our knowledge, could also bring us to around the world. By the book The Conservation of Plant Biodiversity we can acquire more advantage. Don't you to be creative people? To get creative person must choose to read a book. Only choose the best book that ideal with your aim. Don't be doubt to change your life at this book The Conservation of Plant Biodiversity. You can more attractive than now.

#### **John Hill:**

Reading a guide make you to get more knowledge as a result. You can take knowledge and information coming from a book. Book is created or printed or illustrated from each source this filled update of news. In this particular modern era like today, many ways to get information are available for anyone. From media

social similar to newspaper, magazines, science guide, encyclopedia, reference book, book and comic. You can add your knowledge by that book. Ready to spend your spare time to open your book? Or just looking for the The Conservation of Plant Biodiversity when you necessary it?

**Download and Read Online The Conservation of Plant Biodiversity  
By Otto Herzberg Frankel, Anthony H. D. Brown, Jeremy James  
Burdon #LAQH07YRUW6**

# **Read The Conservation of Plant Biodiversity By Otto Herzberg Frankel, Anthony H. D. Brown, Jeremy James Burdon for online ebook**

The Conservation of Plant Biodiversity By Otto Herzberg Frankel, Anthony H. D. Brown, Jeremy James Burdon 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 Conservation of Plant Biodiversity By Otto Herzberg Frankel, Anthony H. D. Brown, Jeremy James Burdon books to read online.

## **Online The Conservation of Plant Biodiversity By Otto Herzberg Frankel, Anthony H. D. Brown, Jeremy James Burdon ebook PDF download**

**The Conservation of Plant Biodiversity By Otto Herzberg Frankel, Anthony H. D. Brown, Jeremy James Burdon Doc**

**The Conservation of Plant Biodiversity By Otto Herzberg Frankel, Anthony H. D. Brown, Jeremy James Burdon MobiPocket**

**The Conservation of Plant Biodiversity By Otto Herzberg Frankel, Anthony H. D. Brown, Jeremy James Burdon EPub**