

"Keddy's *Plant Ecology* is a refreshing synthesis of the core concepts of the discipline. It is a remarkably readable book that is brimming with vivid stories about the central role of plants in the biosphere. This milestone in the canon of ecological literature pays homage to the previous generations of plant ecologists that built the field as we know it. The organisation is unconventional yet intuitive, the prose is animated yet enlightening, and the revised figures are both colorful and instructive. I highly recommend this book to anyone who wants to acquire a broad understanding of plant ecology."

Daniel Laughlin, *The University of Waikato, New Zealand*

"In the early pages of this distinctive and engaging book Paul Keddy explains the underrated foundational role of plants in the origin of life on Earth. This is followed in masterfully discerning style over several chapters by arguments and evidence in which he champions the plant ecologists who are advancing specific sets of plant functional traits as the basis of vegetation patterns and as key factors in ecosystem structure and dynamics and responses to climate and management. Finally in conclusion, Keddy identifies and reproaches Man as the remorseless destroyer of our plant heritage and casts a critical eye at current efforts at conservation and restoration."

Philip Grime, *Buxton Climate Change Impacts Lab, University of Sheffield*

Presenting a global and interdisciplinary approach to plant ecology, this much-awaited new edition of *Plants and Vegetation* integrates classical themes with the latest ideas, models, and data. Keddy draws on extensive teaching experience to bring the field to life, guiding students through essential concepts with numerous real-world examples and more than 300 illustrations, many now in full color.

- Emphasizes unifying, underlying principles and processes, encouraging students to explore and discover more about this fascinating field and the discipline of ecology as a whole
- Presents examples from hundreds of species of plants from varied habitats around the world, including South African deserts, the Guyana Highlands of South America, southern Appalachian forests, Himalayan sub-tropical forests, and arctic alpine environments
- A new chapter on population ecology broadens the scope of this edition
- The final chapter focuses on conservation applications, placing the book in a broader context
- Over 20 enrichment boxes, some with rare historical photographs, add entertaining and novel cases of how scientific discovery is woven into human society
- Detailed further reading lists and study questions within each chapter make this an ideal textbook for both undergraduate and graduate students

PAUL A. KEDDY has taught plant ecology for more than 30 years. He is often a conference keynote speaker, and delights in bringing science alive for his audience. Dr. Keddy's research explores environmental factors that control plant communities and their manipulation to maintain and restore biodiversity. His awards include a National Wetlands Award for Science Research, and the Lawson Medal and Gleason Prize for *Competition*, and his first edition of *Wetland Ecology* (Cambridge University Press, 2000) won the Society of Wetland Scientists' Merit Award. He has also advised organizations including the World Wildlife Fund, Earthjustice, and The Nature Conservancy.



Online Resources

www.cambridge.org/plantecology

PowerPoint slides and jpegs of all figures from the book

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