PRAISE FOR THE FIRST EDITION:

'This is one of those rare books that one can honestly label "outstanding".'

*Amazon review*

***The Evolution of Plants*** blends evidence from the fossil record and data from biomolecular studies to tell the story of plant evolution from the earliest forms of life to the present day. Focusing on the key events during the evolution of plants—from the colonization of land to the first forests, the emergence of seed plants to the evolution of flowering plants—its straightforward explanations and clear illustrations provide the reader with the most accessible introduction to plant evolution available.

- Brings together information from the plant fossil record with genotypic data from biomolecular studies to explore biological evolution in a coherent, unified way;
- Considers plant evolution in the context of long-term environmental change, especially that brought about by climate and atmospheric change;
- Covers the whole geological timescale, but focuses on periods when major evolutionary changes occurred;
- Special biome maps illustrate the flora covering the Earth at different ages in the past, showing the trends in global plant distribution through time.

**online resource centre**
www.oxfordtextbooks.co.uk/orc/willisevolution2e/

- → Figures from the book in electronic format, for use by registered adopters;
- → Journal Clubs, to encourage students to critically evaluate and engage with published research related to topics explored in the book.

New to this edition:

- → Biomolecular approaches and concepts are now integrated throughout the book, with biomolecular methodologies introduced in chapter 1;
- → The evolution of photosynthesis is now explored in chapter 2;
- → A consideration of vegetation dynamics in the context of climate change becomes a theme throughout the book;
- → Coverage of evolutionary theories and the plant fossil record has been extensively revised in the light of current understanding;
- → New Journal Clubs on the book's Online Resource Centre encourage students to critically engage with published research related to topics explored in the book.

Cover image: Fern © Shutterstock.com

OXFORD
UNIVERSITY PRESS

www.oup.com

ISBN 978-0-19-929223-3

9 780199 292233