Contents

PREF	FACE viii
ACKI	NOWLEDGEMENTS XV
1	The Nature of Forests 1
2	Forest Environments 12
3	Evolution and Adaptation in Forests 31
4	Physiology and Life History of Trees 47
5	Ecology of Wildlife in Forests 64
6	Forest Soils, Nutrient Cycling, and Hydrology 80
7	Ecology of Growth of Trees and Forests 98
8	Forests Across Space 119

- 9 Forests Through Time 138
- 10 Events in Forests: Winds, Insects and Diseases 154
- 11 Events in Forests: Fire 175
- 12 Events in Forests: Management 197
- 13 Conservation, Sustainability and Restoration of Forests 217
- 14 Forests of the Future 234

REFERENCES 249
INDEX 263