

THE ECOLOGY AND SILVICULTURE OF OAKS

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This book is intended for forest and wildlife managers, ecologists, silviculturists, environmentalists, and students of those fields. It has been used as a text in graduate courses in hardwood ecology and silviculture. The third edition better serves all those audiences by providing greater consistency among chapters in depth and complexity, by including a broader range of topics, and by greater interweaving of content among chapters. *The Ecology and Silviculture of Oaks* is a source of information and ideas on how to think about oak forests as responsive ecosystems. Compared to earlier editions, the third edition includes new chapters on the important role of fire in sustaining oak forests and on managing oak forests in a changing climate that discuss potential habitat shifts and management practices that can help forests adapt to or mitigate climate change. The third edition also includes a new chapter that examines silvicultural methods for woodlands and savannas and provides guidance for restoring and sustaining savanna and woodland habitats. Other new sections address landscape-scale considerations in oak forest management and considerations when managing wildlife. A fourth edition is underway that includes an updated and expanded investigation of oak ecosystems and how they respond to natural and anthropogenic forces. It includes more graphics and illustrations than prior editions, with new color figures throughout that better convey complex relationships.

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