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Nota di contenuto	Cover; Contents; Foreword; Preface; Acknowledgments; Contributors; 1. Introduction to the Paradox Plant; PART I: BIOLOGY AND RANGE; 2. Genetics of Tamarix; 3. Measuring Extent and Projections of Tamarix Distribution in North America; 4. Evapotranspiration by Tamarisk in the Colorado River Basin; 5. Tamarisk: Ecohydrology of a Successful Plant; 6. Water Use by Tamarix; 7. Tamarix , Hydrology, and Fluvial Geomorphology; 8. Tamarix and Salinity: An Overview; PART II: ECOLOGY; 9. Tamarix from Organism to Landscape; 10. Tamarix as Wildlife Habitat 11. Tamarisk in Riparian Woodlands: A Bird's Eye View12. Tamarix as Invertebrate Habitat; 13. Tamarix and Soil Ecology; 14. Fire Ecology of Tamarix; 15. Tamarix : Passenger or Driver of Ecosystem Change?; PART III: THE HUMAN ELEMENT; 16. Tamarisk Introduction, Naturalization, and Control in the United States, 1818-1952; 17. The Politics of a Tree: How a Species Became National Policy; 18. A Philosophical Framework for Assessing the Value of Tamarisk; 19. Botany and Horticulture of Tamarisk; PART IV: MANAGEMENT; 20. Tamarisk Management: Lessons and Techniques 21. Tamarisk Management at Bosque Del Apache National Wildlife Refuge: A Resource Manager's Perspective22. Bring on the Beetles! The History and Impact of Tamarisk Biological Control; 23. Riparian

Restoration in the Context of Tamarix Control; 24. Revegetation after Tamarisk Removal: What Grows Next?; 25. The Future of Tamarix in North America; GLOSSARY; A; B; C; D; E; F; G; H; I; L; M; N; P; R; S; T; U; W; X; INDEX; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; U; V; W; X; Y; Z

Sommario/riassunto

The invasive species Tamarix first attracted the public eye in the 1990's when it was suspected of contributing to widespread drought and wildfires in the Western United States. Once purported to consume as much water as entire cities, very few plant species have received as much scientific, public, and political discussion and debate as Tamarix. Written by 44 of the field's most prominent scholars and scientists, this volume compiles 25 essays on this fascinating species--its biology, ecology, politics, management, and the ethical issues involved with designating a particular species as "invasive."
