Record Nr. UNINA9911022164603321 Autore Hutto Richard L **Titolo** A Beautifully Burned Forest: Learning to Celebrate Severe Forest Fire // by Richard L. Hutto Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2025 Pubbl/distr/stampa **ISBN** 9783032031808 9783032031792 Edizione [1st ed. 2025.] Descrizione fisica 1 online resource (166 pages) Collana Biomedical and Life Sciences Series Disciplina 634.9 577.3 Soggetti Forests and forestry Fire ecology **Biodiversity** Animal culture **Forestry** Fire Ecology **Animal Science** Lingua di pubblicazione Inglese Materiale a stampa **Formato** Livello bibliografico Monografia Nota di contenuto Chapter 1. Introduction -- Chapter 2. Early Influences -- Chapter 3. All In -- Chapter 4. Research by Exploration. - Chapter 5. Interlude I --Chapter 6. From Fire Events to Fire Regimes -- Chapter 7. Fire as an Agent of Disturbance -- Chapter 8. A Golden Opportunity -- Chapter 9. Interlude II -- Chapter 10. Reconstructing an Ecologically Relevant Past -- Chapter 11. Adaptations Can Indicate Fire Regimes -- Chapter 12. Why the Big Secret? -- Chapter 13. The Hidden Fire Story Conceals Management Threats -- Chapter 14. Interlude III. Sommario/riassunto In this book, avian ecologist and former PBS Birdwatch host Richard Hutto challenges conventional wisdom by revealing the hidden beauty

and ecological importance of severely burned forests. Drawing on extensive field research and compelling storytelling, Hutto uncovers one of nature's best-kept secrets: numerous species—including the black-backed woodpecker and the morel mushroom—thrive in

conditions created only by intense wildfires. These and many other fire-dependent organisms have evolved to flourish in charred landscapes, a fact often overlooked by birdwatchers, land managers, and even fire researchers. Blending science, fieldwork, and reflections from a lifelong career, this book has the potential to transform how we perceive forest fires. It offers a fresh perspective on fire's role in maintaining biodiversity and invites readers to consider how revised land management practices could benefit both industry and the environment. Written in an engaging and accessible style, this book is ideal for birdwatchers, nature enthusiasts, fire managers, and anyone curious about the true role of fire in our ecosystems.