Record Nr. UNINA9910824523803321 Autore Jefferson Lara Vanessa Titolo Ecology of plant-derived smoke : its use in seed germination / / Lara Vanessa Jefferson, Marcello Pennacchio, and Kayri Havens-Young; illustrations by David S. Sollenberger New York:,: Oxford University Press,, 2014 Pubbl/distr/stampa ©2014 **ISBN** 0-19-026783-6 0-19-939346-X Descrizione fisica 1 online resource (331 p.) Altri autori (Persone) PennacchioMarcello Havens-YoungKayri SollenbergerDavid S Disciplina 571.8/62 Soggetti Germination Plants - Effect of smoke on Smoke - Physiological effect Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto Cover; Contents; Preface; Acknowledgments; Introduction; Chemicals That Affect Germination; Multiple Cues; Evolution; Mechanism of Action; Plant Growth and Vigor; Methods for Using Smoke; Conservation and Land Management and Other Implications; List of Plants; Glossary; References; Subject Index; Species Index; Index of **Common Names** Sommario/riassunto Ecology of Plant-Derived Smoke is the continuation of the research and discussion presented in Uses & Abuses of Plant-Derived Smoke, published in 2010. Both books are the first of their kind in what is now an ever-expanding and exciting field of research. This volume focuses on the use of plant-derived smoke as a tool, used for promoting seed germination and growth. Our ancestors may have used smoke in this capacity for centuries. Only recently has the scientific community delved into understanding the ecology of smoke as a seed dormancy-

breaking mechanism in fire-prone environments. Most rese