1. Record Nr. UNINA9910461261003321

Titolo	Plant reintroduction in a changing climate [[electronic resource]] : promises and perils / / edited by Joyce Maschinski and Kristin E. Haskins ; foreword by Peter H. Raven
Pubbl/distr/stampa	Washington, : Island Press, c2012
ISBN	1-61091-183-0
Edizione	[1st ed. 2012.]
Descrizione fisica	1 online resource (424 p.)
Collana	The science and practice of ecological restoration
Altri autori (Persone)	MaschinskiJoyce HaskinsKristin E. <1969-> RavenPeter H
Disciplina	639.9/9
Soggetti	Plant reintroduction Plant conservation Endangered plants - Climatic factors Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Center for Plant Conservation". Based on a symposium held in fall 2009 in Saint Louis, Missouri. "Society for Ecological Restoration"--Cover.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Review of plant reintroductions -- pt. 2. Reintroduction science and practice -- pt. 3. Managed relocation -- pt. 4. Synthesis and appendices.
Sommario/riassunto	Considered an essential conservation tool, plant reintroductions have been conducted for many of the world's rarest plant species. The expertise and knowledge gained through these efforts constitute an essential storehouse of information for conservationists faced with a rapidly changing global climate. This volume presents a comprehensive review of reintroduction projects and practices, the circumstances of their successes or failures, lessons learned, and the potential role for reintroductions in preserving species threatened by climate change. Contributors examine current plant reintroduction practices, from selecting appropriate source material and recipient sites to assessing population demography. The findings culminate in a set of Best Reintroduction Practice Guidelines, included in an appendix. These

guidelines cover stages from planning and implementation to long-term monitoring, and offer not only recommended actions but also checklists of questions to consider that are applicable to projects around the world. Traditional reintroduction practice can inform managed relocation-the deliberate movement of species outside their native range-which may be the only hope for some species to persist in a natural environment. Included in the book are discussions of the history, fears, and controversy regarding managed relocation, along with protocols for evaluating invasive risk and proposals for conducting managed relocation of rare plants. Plant Reintroduction in a Changing Climate is a comprehensive and accessible reference for practitioners to use in planning and executing rare plant reintroductions.