

Ecological Restoration

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What's in Your Seed Mix? Evaluating Commercial Seed Supply

EDITORIAL

How Should We Talk about Our Work?

Steven N. Handel

RESTORATION NOTES

Evaluating Restoration Techniques for a Coastal Fen on Lake Ontario Degraded by Shrub Encroachment

Sarah Kirkpatrick Humiston, Rachel Schultz and Michael Chislock

RESEARCH ARTICLES

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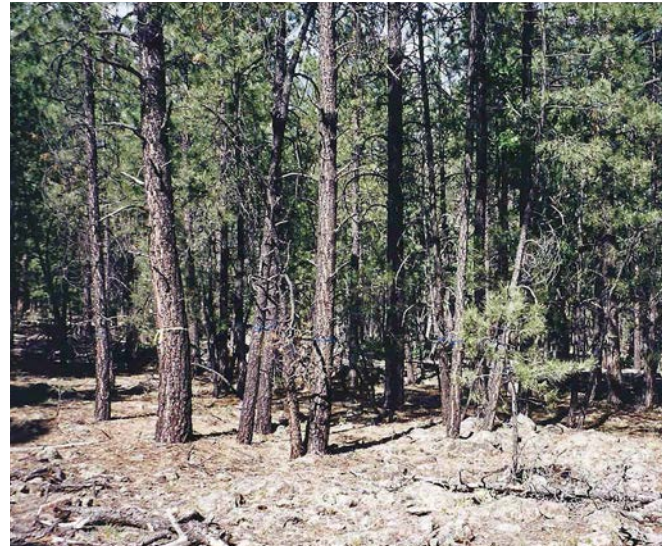
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Species Composition and Ecological Characteristics of Native Seed Mixes in the Midwest (USA)

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December 2022

Editorial	227
How Should We Talk about Our Work? <i>Steven N. Handel</i>	

RESTORATION NOTES

Evaluating Restoration Techniques for a Coastal Fen on Lake Ontario Degraded by Shrub Encroachment <i>Sarah Kirkpatrick Humiston, Rachel Schultz and Michael Chislock</i>	229
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Are Pre-Restoration Soil Seed Banks and Vegetation Nested and Predictive Subsets of Post-Restoration Communities? <i>Scott R. Abella</i>	234
Species Composition and Ecological Characteristics of Native Seed Mixes in the Midwest (USA) <i>Jack Zinnen and Jeffrey W. Matthews</i>	247
A Review of Restoration Techniques and Outcomes for Rangelands Affected by Oil and Gas Production in North America <i>Kathryn Bills Walsh and Jackson Rose</i>	259

ABSTRACTS

Climate Change	270	Planning and Policy	273
Coastal and Marine Communities	270	Propagation and Introduction	273
Ecological Literacy (Education)	271	Reclamation, Rehabilitation and Remediation	273
Economics and Ecosystem Services	271	Species at Risk	273
Grasslands	271	Technology and Tools	274
Invasive and Pest Species	272	Traditional and Local Knowledge	274
Lakes, Rivers and Streams	272	Urban Restoration	275
Monitoring and Adaptive Management	272	Wildlife Habitat Restoration	275
Other Communities	272	Woodlands	276

REVIEWS

Wild by Design: The Rise of Ecological Restoration <i>Laura J. Martin, 2022. Reviewed by Peter Kimball Brewitt</i>	277
Primer of Ecological Restoration <i>Karen Holl, 2020. Reviewed by T. Trevor Caughlin</i>	278

MEETINGS

280



Front Cover Feature:

The commercial seed supply for grassland restoration sites can play a significant role in the grass and forb communities that establish initially, and through time. Species which are easy to procure may dominate available seed mixes. Zinnen and Matthews examined the composition of commercially available grassland restoration seed mixes to determine how well they represent plant communities across a variety of grassland habitats. Image credit: Tabby Fenn.

Back Cover Features:

Top: Encroachment of shrubs into peatlands and other wetland habitats can alter floristic diversity by suppressing herbaceous plants. Shrubs can lower the water table, disturb nutrient cycling, and limit access to resources like sunlight. Wetland restoration through shrub removal aims to return forb and grass diversity to pre-disturbance communities. Kirkpatrick et al. compare several shrub removal techniques and report their impacts upon floristic quality in a *Typha* dominated wetland of the Great Lakes region. Image credit: Tabby Fenn.

Middle and Bottom: Before (top, 2003) and after (middle, 2006) forest thinning for ecological restoration in *Pinus ponderosa* (ponderosa pine) forests in northern Arizona, USA. Abella presents data on the thinning treatments performed during a 12-year experiment which examined the predictability of responses by understory plant communities to forest structural restoration. Image credit: Scott R. Abella.