Ecological Restoration

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Informative Diversity Metrics for Tallgrass Prairie Restorations

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ABSTRACTS

REVIEWS

Book Review

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Front Cover Feature: A hill-top remnant prairie at The Nature Conservancy's Clymer Meadow Prairie Preserve in Texas with pink American basketflower (*Centaurea americana*) and yellow claspingleaf coneflower (*Dracopis amplexicaulis*). Image credit: Charlotte Reemts

Back Cover Features:
Top: Roads and platforms supporting the oil and gas industry have left a matrix of disturbed patches across some protected areas. In the Payunia region of Argentina, Alvarez and Guida-Johnson constructed rock shelters at disturbed sites to examine whether these habitat alterations would increase lizard presence and abundance. Image credit: Leandro Alvarez
Middle: Flowering *Andropogon gerardii* adjacent to prairie restoration research plots at Pierce Cedar Creek Institute, Barry County, Michigan. Pitman and Aschenbach report that native grasses responded well to spring and summer burns targeting the invasive *Centaurea stoebe* (spotted knapweed). Image credit: Zachary Pitman
Bottom: Restoring California grasslands is challenging and techniques to improve transplanted bunchgrass productivity are needed. Although grazing and clipping may initially reduce plant growth, Valliere explores whether there are longer-term benefits from these treatments. His study tests the effects of defoliation on the compensatory growth of native California bunchgrass species by evaluating shoot mass and inflorescence count. Image credit: Justin Valliere

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We welcome submissions to *Ecological Restoration* from any part of the world. Submissions should relate to the restoration of plants, animals, ecological communities, or landscapes. We understand ecological restoration to be a multidisciplinary and diverse effort and welcome manuscripts considering ecological, and social aspects of restoration, as well as political, economic, legal, and regulatory issues, and other subjects related to ecological restoration. Relevant topics also include techniques and tools for planning, site preparation, species introduction, undesired species control, and monitoring. Manuscripts dealing with plant or animal community composition or general ecology must relate the work explicitly to ecological restoration practice and theory. Similarly, material dealing with reclamation or rehabilitation in a broader sense, or with restoration for economic purposes—economic forestry, range management, waste disposal—must be connected to ecological restoration.

Material may be submitted for the following categories (listed as they are encountered in the Journal):

1. Perspectives
2. Restoration Notes (shorter items, < 1500 words describing project updates, events, innovative technologies, preliminary or unusual findings, thought-provoking concepts, imaginative solutions, commentary, policy reports, etc.)
3. Research articles or reviews on ecological restoration theory, experiments, socio-ecological linkages, education, restoration history, practice
4. Case studies (full length articles describing a particular restoration project or location and lesson learned)
5. Book, journal, website, or movie reviews

Authors of full-length articles or reviews should submit their material online at er.msubmit.net. Manuscripts must be submitted with a cover letter stating that the material has not been previously published, and has not been submitted elsewhere and will not be until a final decision has been reached by the editor. Questions about the online submission site, or general inquiries may be emailed to ERjournal@sebs.rutgers.edu.

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