Ecological Restoration

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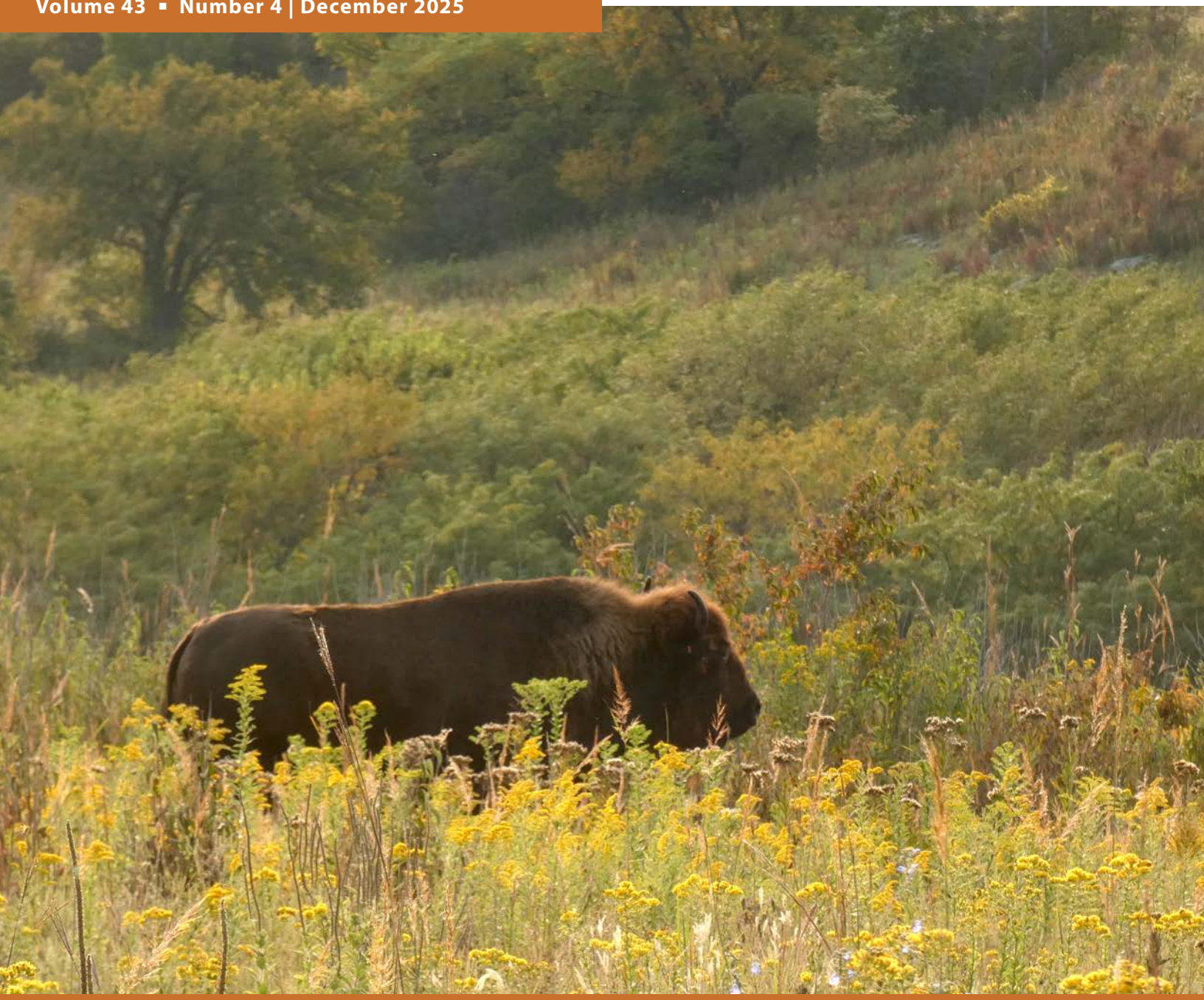

Can Bison Reintroduction Restore Invaded Grasslands?

Front Cover Feature:
Woody plant encroachment (WPE) has changed the characteristics and ecosystem function of mesic grasslands of the U.S. central Great Plains. These habitats evolved through plant and soil interactions with frequent wildfires and large population of *Bison bison* grazing and trampling the prairies. Noble et al. examined how the restoration of these two ecosystem engineers promotes or inhibits WPE over short and long time periods. Image credit: Sidney Noble.

Back Cover Features:
Top: Mediterranean pine species like *Pinus brutia brutia* (Turkish pine) and *Cedrus libani* (cedar of Lebanon pictured here) are found throughout the island of Cyprus. Oguzcan studied pine regeneration in recently burned areas of Kalkanlı in northwestern Cyprus, comparing the survival and growth of seedlings in planted vs naturally regenerating areas. Photo credit: Tabby Fenn.
Middle: A panoramic photo of the Sherman Creek Living Shoreline (Harlem River, Manhattan, NY) from the pedestrian lookout at Swindler Cove. The restored salt marsh was planted in coconut fiber mats, surrounded by goose-exclusion fencing and aerial string, with oyster castle structures along the shoreline. Cooper et al. report on lessons learned from working in this challenging urban environment. Image credit: Mary Alldred.
Bottom: On the Algerian steppe (pictured here), 400 km south of the capital Algiers and crossed by the Sahara Atlas mountain chain, Saliha and Fateh investigated rangeland restoration techniques to reverse desertification. Using floristic and soil analyses, they report on optimizing decompaction treatments to improve soil management, and ecosystem function. Image credit: Maidi Saliha.

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INSTRUCTIONS FOR CONTRIBUTORS

Submissions

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 provide a forum for systematic assessment and discussion of priority topics in restoration, presentation of emerging research topics in restoration or future directions, or critical analysis of lessons learned during restoration. This manuscript category is intended to be more open-ended and does not require original research data, but manuscripts should be organized using a logical, systematic approach with inferences supported by published literature, observations from restoration projects, or some use of data.
2. Restoration Notes (shorter items, approximately 1500 words, describing smaller experiments and studies, innovative restoration technologies and approaches, unusual research findings or observations, or thought-provoking concepts in restoration research, applications, or policy)
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
6. Practitioner Highlights showcase the contributions of exemplary individuals, groups, or organizations with a demonstrated record of achievement in ecological restoration. Those profiled can be influential mentors, restoration visionaries, or practical innovators from any continent or community. We encourage articles on individuals or groups that significantly advanced the art and science of the discipline and had a profound, personal impact on the author's own career, pursuits, or views of restoration. The article should describe how their work in restoration embodies a longstanding commitment, noteworthy project implementation, or creative approaches to restoring social engagement with ecosystems undergoing restoration and beneficial connections between human and natural communities.
7. Status of Knowledge Reviews—Literature or data syntheses of practices, components, ecological principles, or outcomes of restoration at global or regional scales. Syntheses could include narrative reviews of published and/or unpublished information, quantitative syntheses compiling and analyzing datasets, or drawing conclusions from databases and performing meta-analyses. Status of Knowledge manuscripts should synthesize existing information while drawing conclusions for further improvements and advances in the science and practice of restoration.

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@uwpress.wisc.edu.

Review and Editing Process

Manuscripts are reviewed by experts in the field. The review process is intended to maintain scientific quality and be a collaborative process with authors.

Style

Practitioners of ecological restoration are both a core audience and source of contributions to *Ecological Restoration*. Contributors should use a straightforward style free of unnecessary technical terms and jargon. We prefer the active voice (for example, "We measured three trees" instead of "Three trees were measured"). Please see our Submission Guidelines at er.uwpress.org for more information.

Tables, Photos, and Illustrations

Table and Figure captions should include useful and detailed information, and should be independent of the text. Figures will be reproduced in black and white in the print version of *Ecological Restoration* (usually requiring higher contrast) and can be reproduced in color in the online version. We use color photos on the front and back covers of the journal and welcome submissions of informative, high-quality photographs.

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