

# Ecological Restoration

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Restoration-based Education  
Making of the Pre-Columbian Landscape-II  
Grazing and Fire on Tallgrass Prairies  
Fescue-control in Prairie Restoration  
Seeding in Desert Restoration

**Mere passive observation is not sufficient. In creation only is there vivid insight into the properties of the object thereby produced. If you want to understand anything, make it yourself, is a sound rule.**

“Technical Education and its Relation to Science and Literature”  
in *The Aims of Education*,  
Alfred North Whitehead

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**Cover:** Gretel Kiefer, a graduate student in the restoration program in the Department of Landscape Architecture at the University of Wisconsin checks a stand of wild lupine growing on a project site at the Cedar Creek Natural History Area in Minnesota. Kiefer is one of a growing number of students who are taking advantage of new and rapidly developing programs in ecological restoration taking shape on campuses throughout the continent. Reporter Brian Lavendel's survey of the academy's response to the challenge of restoration begins on page 16. *Photo by Kate Howe.*

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