

# Ecological Restoration

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**Front Cover Feature:** Removal of large dams and restoration of ecological processes after dam removal is becoming more and more prevalent. One such large-scale dam removal project and subsequent restoration is the removal of dams along the Elwha River in Washington, USA. Most monitoring and restoration after Elwha dam removal has focused on vegetation, fish, or near-shore ecosystem response. However, the response of terrestrial fauna as well as the role of terrestrial fauna in ecosystem recovery after dam removal is not well understood. In this issue, McCaffery and colleagues introduce a framework for understanding the role of terrestrial fauna in ecosystem-level processes after dam removal. Here, *Odocoileus hemionus columbianus* (Columbian black-tailed deer) browse on the Lake Mills lakebed soon after dam removal in the Elwha River. Photo Credit: Kim Sager-Fradkin.

**Back Cover Features:**

Top: Ecosystem recovery after dam removal on the Elwha River, Washington, USA. Photo Credit: Kim Sager-Fradkin.

Middle: Successful establishment of mycorrhizal communities is important to restoration success, and oftentimes restoration of these soil biota is necessary. In this issue, van der Heyde and colleagues found in tall-grass prairie restoration, that mycorrhizal community composition recovers rapidly if propagule sources are close by. Photo credit: Amy Karpati.

Bottom: Shrubs are an important component of lakeside vegetation that is often in need of restoration. Haskell and colleagues examined the effectiveness of bareroot and gravel-culture stock in lakeshore restoration, finding that while containerized stock has the greatest growth and survival, gravel-culture stock may be useful in extending the planting window. Photo Credit: David E. Haskell, Moon Lake, Wisconsin.