

# Ecological Restoration

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## Front Cover Feature:

Greater sage-grouse (*Centrocercus urophasianus*) in breeding display on northwestern Utah rangelands. The landscape is a largely dominated by intact sagebrush with some minor areas managed to reduce sagebrush dominance. Here and elsewhere in the Great Plains and Intermountain West where the greater sage-grouse is found, lands traditionally managed for domestic livestock are increasingly managed for wildlife as well. Freese and colleagues propose a framework of ten ecological conditions for making the transition from livestock-centered management toward biodiversity-centered management on Great Plains rangelands. Photo Credit: Samuel D. Fuhlendorf

## Back Cover Features:

Top: Restoration of glacial lake plain communities on former farmland can enhance biodiversity and nutrient retention. Wild lupine (*Lupinus perennis*). Photo Credit: Michelle Lenhart.

Middle: Chinese chestnut (*Castanea mollissima*) and early-generation hybrids with American Chestnut (*Castanea dentata*) showed significantly better growth and survival measurements on a newly reclaimed mine eastern Ohio, USA. Photo Credit: Keith E. Gilland.

Bottom: The historical landscape of the Midwest Driftless Area was mostly composed of savanna, with large patches of closed forest and smaller, scattered patches of closed forest, open woodland, and prairie. Photo Credit: Tricia Knoot.

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4. Full-length feature articles on ecological restoration theory, practice, and research (case studies, research reports, photo essays, experiments, etc.)
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