Ecological Restoration

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Front Cover Feature:
A woman participates in tree planting for restoration in Africa. Planting to increase tree cover on farms is an essential facet of dryland restoration and yields both ecological and socio-economic benefits. Langill et al. examined restoration in Burkina Faso and Kenya where outmigration is common to pursue work. They emphasize the need to consider this phenomenon to improve understanding of smallholder land restoration. Image credit: Kelvin Trautman/CIFOR-ICRAF

Back Cover Features:
Top: A study site along the Yellowstone River in Montana, USA immediately after Elaeagnus angustifolia removal. West et al. compared variation in arthropod community composition in removal and invaded sites. After two years, they observed increased arthropod variation and changes in relative abundance in removal sites. Image Credit: Erin Espeland
Middle: Zachary Beneduci conducts a pollinator survey on reclaimed mineland in southeast Ohio, USA. Beneduci and co-authors compared the effects of installing native prairie forbs to non-native cool-season grasses on pollinator communities and found that seasonality was the major driver of community composition. Carefully-designed seed mixes that provide all-season resources for pollinators are essential to restoring pollinator habitat. Image credit: Rebecca Swab
Bottom: A view of Mt. Ranier from Puget Sound near Tolmie State Park, Washington, USA. Trimbach and Niggemann surveyed local residents’ geographic literacy of the importance of estuaries such as Puget Sound to inform restoration planning and policy. Image credit: David Trimbach