

Ecological Restoration

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How does bird diversity differ between naturally regenerating and actively restored tropical forests?

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"What is a Goldenrod?" She Asked

Steven N. Handel

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Denis G. Conover

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Front Cover Feature: Matthew Bare and Raymond Danner examined bird diversity in manually restored and naturally revegetation tropical forest in the Ecuadorian Amazon. Here they found that bird diversity is limited by forest structure in manually restored forest. Restoring both vegetation diversity and forest structure is necessary to bring back tropical forest birds, such as *Capito auratus* (Gilded Barbet) pictured here in the Ecuadorian Amazon. Photo credit: Matthew Bare.

Back Cover Features:

Top: *Eleutherococcus sieboldianus* (five-leaf aralia) is new invasive plant to the United States, but small populations can be easily controlled by Glyphosate. Photo credit: Denis Conover.

Middle: Restoration of bulrush species requires an understanding of strategies to effectively break dormancy and seed germination requirements. In this picture, *Bolboschoenus maritimus* (alkali bulrush) stands are being invaded by *Phragmites australis* in Great Salt Lake wetlands. Photo credit: Karin Kettenring.

Bottom: *Hedera helix* (English ivy) and *Hedera canariensis* (canary ivy) are invasive species problematic in urban areas. However, restoration of native plants complementary resource strategies to exotics after exotic removal may be most successful. Photo Credit: Lauren Hallett.

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3. Research articles or reviews on ecological restoration theory, experiments, socio-ecological linkages, education, restoration history, practice
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