

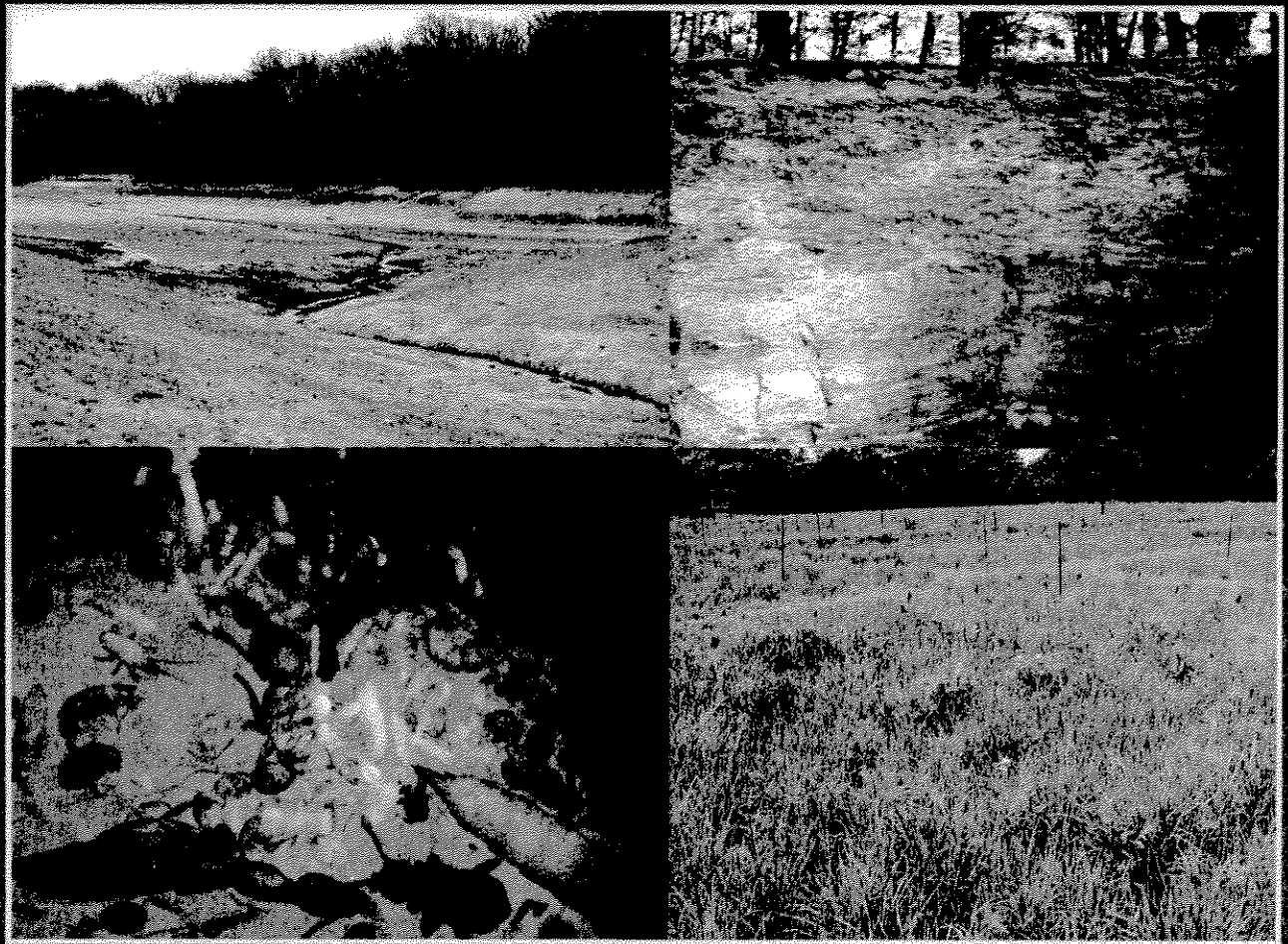
Restoration Ecology

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GUEST EDITORS: MAC A. CALLAHAM, JR., LIAM HENEGHAN, AND CHARLES C. RHOADES



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Cover: Sediments left behind in this dewatered reservoir in Wisconsin, USA, have different physical, chemical, and spatial characteristics than the soils they buried - a potential challenge for restoration (upper left, Photo: Nick Balster). The soil profile shows effects of land-use history at the Calhoun Experimental Forest in South Carolina, USA. Past degradation has dramatic influence on current land-use potential. Most of the topsoil was lost in the 1800s and early 1900s during a long period of intensive cotton agriculture (upper right, Photo: Michael Hofmökkel). Diversity of soil invertebrates is slow to recover following disturbance. Can these or other soil fauna be used to enhance restoration as well as to indicate that restoration has been successful? (lower left, Photo: Karen Lamoncha). Long-term restoration study examining explicit soil variables and interactions at Konza Prairie Biological Station. Complex multifactor experimental designs are needed to fully address the complexity of soil systems as they relate to restoration efforts (lower right, Photo: Sara Baer). See related articles in the Soil Ecology and Restoration Ecology Special Section on pages 604-712.

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