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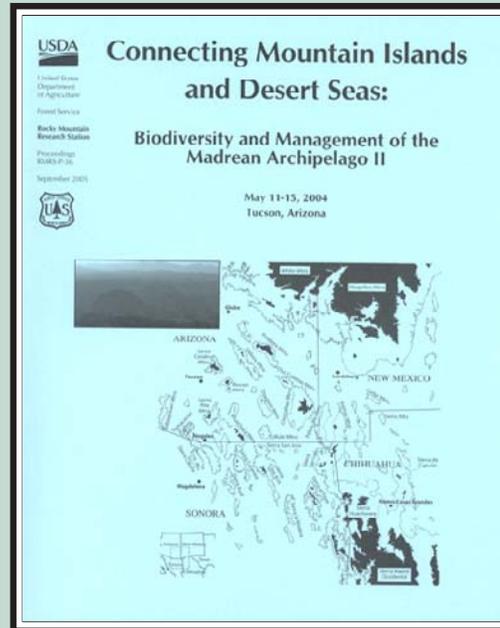
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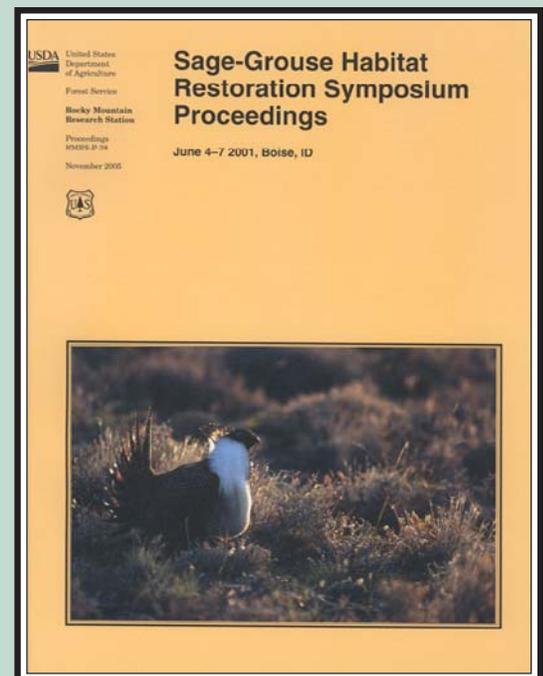
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Madrean Archipelago	35	<p>Connecting mountain islands and desert seas: biodiversity and management of the Madrean Archipelago II; 2004 May 11–15; Tucson, AZ. Gottfried, Gerald J.; Gebow, Brooke S.; Eskew, Lane G.; Edminster, Carleton B., comps. 2005. Proc. RMRS-P-36. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 631 p. Available: http://www.fs.fed.us/rm/pubs/rmrs_p036.html</p> <p>This conference brought together scientists, managers, and other interested parties to share their knowledge about the Madrean Archipelago region and to identify needs and possible solutions for existing and emerging problems. It provided a forum to update the state-of-knowledge acquired since the first conference in 1994. The proceedings contains over 100 articles covering biogeography, ecosystem monitoring, science-based management, cultural resources/history, invasive species, hydrology and biodiversity, conservation planning, ecology, fire, conservation practice, and global climatic change. Abstracts in Spanish are included.</p>
Monitoring science and technology	36	<p>Monitoring science and technology symposium: unifying knowledge for sustainability in the Western Hemisphere; 2004 September 20–24; Denver, CO. Aguirre-Bravo, Celedonio; and others, eds. 2005. Proc. RMRS-P-37CD. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 1 CD-ROM.</p> <p>This international symposium looks at changing paradigms in management, complex interactions between a wide range and diversity of human activities and environmental assets, and the technologies that monitor conditions and changes.</p> <p>NOTE: This is a draft version of the proceedings. Due to popular demand, a complete printed edition of the proceedings will be available later in 2006.</p>
Sage-grouse symposium proceedings	37	<p>Sage-grouse habitat restoration symposium proceedings; 2001 June 4–7, Boise, ID. Shaw, Nancy L.; Pellant, Mike; Monsen, Stephen B., comps. 2005. Proc. RMRS-P-38. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 130 p. Available: http://www.fs.fed.us/rm/pubs/rmrs_p038.html</p> <p>This series of 14 papers summarizes current knowledge and research gaps in sagebrush taxonomy and ecology, seasonal sage-grouse habitat requirements, approaches to community and landscape restoration, and currently available plant materials and revegetation technology to provide a basis for designing and implementing effective management prescriptions.</p>

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Fire Effects Planning Framework

Fire Effects Planning Framework: a user's guide. Black, A.; Opperman, T. 2005. Gen. Tech. Rep. GTR-RMRS-163WWW. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 63 p. Available: http://www.fs.fed.us/rm/pubs/rmrs_gtr163.html

This guide outlines a framework managers can use to (1) identify key areas of fire risk and (2) systematically determine where and under what fire weather conditions fire will benefit ecological conditions and management targets while reducing fuels. The Fire Effects Planning Framework (FEPP) sequentially links state-of-the-art, publicly available analysis tools, data, and knowledge to generate GIS-based planning information for a variety of scales.

Bald eagle

A survey of potential bald eagle nesting habitat along the Great Lakes shoreline. Bowerman, William W.; Grubb, Teryl G.; Bath, Allen J.; Giesy, John P.; Weseloh, D.V. Chip. 2005. Res. Pap. RMRS-RP-56WWW. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 6 p. Available: http://www.fs.fed.us/rm/pubs/rmrs_rp056.html

We used fixed-wing aircraft to survey the entire shoreline and connecting channels of the five Great Lakes to determine potential nesting habitat for bald eagles (*Haliaeetus leucocephalus*) during 1992. Habitat was classified as either good, marginal, or unsuitable, based on six habitat attributes: (a) tree cover, (b) proximity and type and amount of human disturbance, (d) potential foraging habitat/shoreline irregularity, and (e) suitable trees for perching and nesting. Habitat availability may limit the nesting population of bald eagles along Lake Erie, which has little unoccupied habitat, the most use of marginal habitat, yet the greatest density of nesting eagles in the Great Lakes.

Mexican spotted and great horned owls

Dietary overlap between sympatric Mexican spotted and great horned owls in Arizona. Ganey, Joseph L.; Block, William M. 2005. Res. Pap. RMRS-RP-57WWW. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 9 p. Available: http://www.fs.fed.us/rm/pubs/rmrs_rp057.html

We estimated diet composition of sympatric Mexican spotted (*Strix occidentalis lucida*, $n = 7$ pairs of owls) and great horned owls (*Bubo virginianus*, $n = 4$ pairs) in ponderosa pine (*Pinus ponderosa*)-Gambel oak (*Quercus gambelii*) forest, northern Arizona. Our results, coupled with a previous analysis showing that these owls foraged in the same general areas (Ganey and others 1997), suggests that they could compete for food resources, which are assumed to be limiting in at least some years. They may minimize the potential for resource competition, however, by concentrating foraging activities in different habitats (Ganey and others 1997) and by foraging at different times, when different suites of prey species are active.

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Fire and fuels

Estimating combustion of large downed woody debris from residual white ash. Smith, Alistair M. S.; Hudak, Andrew T. 2005. *International Journal of Wildland Fire*. 14: 1–4.

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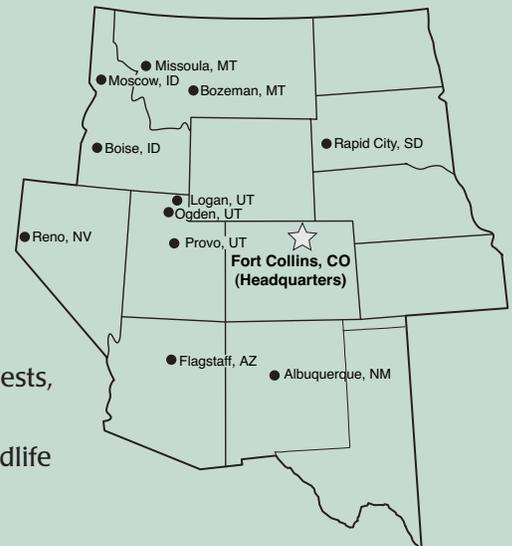
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