

Allison L. Jones
Conservation Biologist
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ACADEMIC BACKGROUND

- 1996 M.S.** Biology, with concentration in Conservation Biology. University of Nevada, Reno
- 1992 B.A.** Environmental Studies. University of California, Santa Cruz

RESEARCH AREAS/EMPLOYMENT

- 2001-present** I am currently working with other regional scientists to develop an alternative, ecologically-based method to analyze **capability of arid and semi-arid rangelands to support livestock**, as the lead biologist with the Wild Utah Project.
- 2000-2004** I worked with five other regional scientists to develop an alternative, wildlife-based method to assess the **health of riparian areas** and associated stream systems in the Colorado Plateau, as the lead biologist with the Wild Utah Project.
- 1999-2003** I was part of a collaborative effort to **design a conservation areas network** for the “Heart of the West” region of Idaho, Wyoming, Colorado and Utah based on methodology established by The Wildlands Project. I served as the lead conservation biologist in the project.
- 1999** I coordinated a collaborative analysis of the draft management plan for the Grand Staircase-Escalante National Monument, as an independent contractor to Round River Conservation Studies. By coordinating with over 30 regional scientists, I compiled a **“conservation biology analysis”** of the plan and made recommendations for management in the Monument.
- 1998-1999** Conducted southwestern willow flycatcher surveys, and performed wetland delineations, as a biologist with BioWest, an **environmental consulting** firm in Logan, UT
- 1997-1998** **Assisted with a collaborative effort with the USFWS and**

Colorado Division of Wildlife to determine the geographic range and ecological affinities of the threatened Preble's jumping mouse, as a field biologist and endangered species specialist at MDG, Inc., a Denver-based environmental consulting firm

1996-1998 **Assisted with a G.I.S-based feasibility study** which assessed potential habitat for the gray wolf in the southern Rockies, as a research advisor to the Southern Rocky Ecosystem Project, the Wildlands Project Affiliate for the Colorado region

1994-1996 **Conducted an ecological study** of the effects of cattle grazing on desert rodent communities (thesis project), as a graduate student in the program in Conservation Biology at the University of Nevada

1994-1996 **Assisted with an ecological study** of the effects of desert rodent caching behavior on the establishment and germination of native bunchgrass, as a research technician for the USDA-Agricultural Research Service in Reno, NV

1991-1992 **Assisted with an impact study** on black-tailed deer in Hollister, CA, as a research intern in the Department of Environmental Studies at the University of California, Santa Cruz

PROFESSIONAL AFFILIATIONS AND TASK FORCES

Vice President of the Colorado Plateau Chapter of the Society of Conservation Biology (2003-present) (Member, Society for Conservation Biology, 1993-present)

Science Fellow, The Rewilding Institute (2003-present)

Member of Governor-appointed task force to assist Utah Division of Wildlife Resources write Utah's wolf recovery and management plan (2003-2005)

Member of the Executive Committee of the Utah Wolf Forum (2002-present)

Member of Board of Directors, Western Wildlife Conservancy (2001-present)

Member of Governor-appointed task force to assist Utah Division of Wildlife Resources rewrite Utah's black bear management plan (1999-2001)

Member of Board of Directors, Sinapu (1997-2001)

SELECTED PUBLICATIONS AND ARTICLES

Catlin, J.C. and J. Carter and **A.L. Jones**. *In prep.* A new method for grazing capacity analysis: determination of forage for cattle, wildlife, and ecosystem needs

Jones, A.L., E. Aumack, J. Balsom, P. Beier, J. Belnap, J. Catlin, T. Fleischner, E.

Grumbine, D. Mattson and C. van Riper. *In press*. The legacy and future visions of conservation biology on the Colorado Plateau. Proceedings of the Ninth Biennial Conference of Research on the Colorado Plateau, 2007.

Jones, A.L., Stacey, P.B., Catlin, J.C. and L.E. Stevens. *In press*. A rapid riparian – Stream assessment protocol and its utility in the Grand Staircase Region, Utah. Proceedings: Learning From the Land: 2006 Science Symposium at Grand Staircase-Escalante National Monument.

Jones, A.L., Daly, K., Molvar, E. and J.C. Catlin. 2006. Conservation planning and assessment of irreplaceability and vulnerability of conservation sites in the Heart of the West region, Middle Rockies, *Journal of Conservation Planning*, 2 (1): April 2006.

Stevens, L., Stacey, P. **Jones A.**, Duff, D., Gourley, C., and J. Catlin. 2005. A protocol for the rapid assessment of southwestern stream-riparian ecosystems. Pp.397-420 in: (C. van Riper III and D. J. Mattson, eds.) *The Colorado Plateau II: Biophysical, Socioeconomic, and Cultural Research*. Tucson: University of Arizona Press.

Jones, A. L., Catlin, J., Robinson, K., Molvar, E. and J. Kessler. 2004. Wildlands connectivity in the Heart of the West. *Wild Earth* 14(3).

Jones, A. L. 2002. A survey of livestock's ecological effects: a quantitative analysis. Pgs 167 to 160, in: (Wuerthner, G. and M. Mattson, eds.) *Welfare ranching: the subsidized destruction of the American West*. Island Press.

Jones, A. L. 2000. Effects of livestock grazing on North American Ecosystems: a quantitative review. *Western North American Naturalist* 60: 155-164.

Jones, A. L. and W.S Longland. 1999. Effects of cattle grazing on salt desert rodent communities. *American Midland Naturalist* 141:1-11.

Jones, A. L. and P. Stacey. 1995. Peregrine falcons in urban environments. *Wild Earth* 4(4):21-22.

SELECTED UNPUBLISHED THESES AND REPORTS

Catlin, J., Walker, J., **Jones, A.**, Carter, J. and J. Feller. 2003. Multiple Use Grazing Management in The Grand Staircase Escalante National Monument. A special publication by the Wild Utah Project. Salt lake City, UT.

Jones, A.L. 2001. Review and analysis of cattle grazing effects in the arid west, with applications for BLM grazing management in southern Utah. A special publication by the Wild Utah Project. Salt Lake City, UT.

Jones, A. L. 1996. The effects of cattle grazing on desert rodent communities. M.S. thesis. Department of Biology, University of Nevada, Reno.

SELECTED PRESENTATIONS / SPEAKING ENGAGEMENTS

- 2008** **Least cost path corridor analysis for evaluation of lynx habitat connectivity in the middle Rockies.** Annual conference of the Utah Chapter of the Wildlife Society, Springdale, Utah
- 2006** **Hydrologic drawdown in Snake Valley: Implications for aquatic species, and exploring mitigation options.** Invited speaker, panel session, Annual Meeting for Bonneville Chapter of the American Fisheries Society,
- 2004** **The Heart of the West: an exercise in conservation planning in the middle Rockies.** Invited speaker, University of Utah Stegner Center's "Green Bag" Lecture Series.
- 2003** **Using sage grouse as a focal species in reserve design and conservation planning.** Invited speaker, Rangenet annual conference, Boulder, CO
- 2002** **The ecological effects of livestock grazing on arid systems of the Western U.S.** Invited speaker, annual Environmental Grantmakers Association Conference, Asheville, NC
- 2001** **Tools to use to address impacts of grazing to uplands.** Invited speaker, Coalition for Sonoran Desert Protection quarterly forum, Tucson, AZ
- 2000** **Grazing effects on western arid ecosystems: a quantitative review.** 2000 Annual meeting for the Society for Conservation Biology. Missoula, MT.
- 1999** **The outlook for carnivore recovery in the southern Rockies: wolf, lynx and wolverine.** 1999 annual meeting of the Natural Areas Association, Tucson, AZ.
- 1996** **Grazing effects on desert rodent communities.** Invited speaker for the University of Nevada, Reno Biology Department Seminar Series

COURSES TAUGHT

- 2007 and 2008. Field training, Rapid Stream-Riparian Assessment Protocol.** Eight day field training course, Fremont River watershed, Southern Utah (2007), and Escalante River watershed, southern Utah (2008)
- 2000-2003. Canyonlands of the Colorado Plateau.** A 12-credit, 2 month course covering desert ecology, natural history, wilderness ethics, Native American history, geography and current environmental issues on the Colorado Plateau. Serve on the faculty at the Wild Rockies Field Institute. Course accredited through the University of Montana, Missoula.

