

**CURRICULUM VITAE**

**JANET S. PREVÉY**

University of Colorado

Department of Ecology and Evolutionary Biology

Boulder, CO 80309

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**EDUCATION**

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2009-present	PhD in Ecology, University of Colorado, CO, GPA: 3.86
2007-2008	M.S. in Biology/Botany option, Idaho State University, ID, GPA: 3.88
2000-2004	B.A. in Biology, The Colorado College, CO, GPA: 3.21

**POSITIONS**

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2010-present	Research Assistant, INSTAAR, University of Colorado, CO
2009-2010	Teaching Assistant, General Biology Lab, University of Colorado, CO
2009 (summer)	NPS Biological Science Technician (vascular botanist), Denali National Park, AK
2007-2009	Graduate Research Assistant, Idaho State University, ID
2004-2006 (summer)	USFS Biological Science Technician (botanist), San Isabel National Forest, CO
2004-2006 (fall)	USFS Biological Science Technician (wildlife), San Isabel National Forest, CO
2003 (summer)	Undergraduate Research Assistant, Highlands Biological Station, Highlands, NC
2002 (summer)	Park Interpreter, Garden of the Gods City Park, CO

**PEER-REVIEWED PUBLICATIONS**

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**Prevéy, J.S.,** M.J. Germino, and N.J. Huntly. 2010. Loss of foundation species increases population growth of exotic forbs in sagebrush steppe. *Ecological Applications* 20:1890-1902.

**Prevéy, J.S.,** M.J. Germino, N.J. Huntly, and R.S. Inouye. 2010. Exotic plants increase and native plants decrease with loss of foundation species in sagebrush steppe. *Plant Ecology* 207:39-51. DOI: 10.1007/s11258-009-9652-x.

**PRESENTATIONS**

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**Prevéy, J.S.** Effects of precipitation change on a Colorado grassland: community responses and management strategies. Dissertation proposal. University of Colorado, CO. 9 Dec. 2011.

**Prevéy, J.S.** Effects of precipitation change on vegetation and ecosystem services in a Colorado grassland. Poster presentation. EPA STAR Graduate Fellowship Conference. 19-21 Sept. 2011.

**Prevéy, J.S.,** D.G. Knochel and T.R. Seastedt. Effects of simulated grazing on a grassland community in the Colorado Front Range. Oral presentation. Ecological Society of America Annual Meeting. Austin, TX. 7-12 August 2011.

**Prevéy, J.S.** Non-native grasses and biodiversity. Oral presentation and activity. Scientific outreach program for middle school students at the Mountain Research Station, CO. 15 Sept. 2010.

**Prevéy, J.S.** Effects of loss of foundation species on exotic forb populations in sagebrush steppe: the role of soil-water partitioning. Oral Presentation. Intermountain Graduate Research Symposium. Utah State University, UT. 1 April 2009.

**Prevéy, J.S.** Loss of foundation species and invasion by exotic plants in sagebrush steppe: the role of soil-water partitioning. Thesis defense seminar. Idaho State University, ID. 2 December 2008.

**Prevéy, J.S.** and M.J. Germino. Population responses of an exotic forb invading experimental manipulations of foundation species and soil water in sagebrush steppe: comparison of matrix model approaches. Poster presentation, Ecological Society of America Annual Meeting, Milwaukee, WI. 3-8 August 2008.

## **RELEVANT COURSEWORK**

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- **University of Colorado:** Quantitative Ecology, Novel Ecosystems, Global Biogeochemistry, Soil Ecology, Introductory GIS, Ecohydrology Seminar, Plant/Soil Interactions Seminar
- **Idaho State University:** Plant Physiology, Biometry, Ecological Restoration and Management seminar, Ecohydrology seminar, Evolutionary Ecology, Scientific Writing seminar, Ecology and Evolution of Flowers seminar
- **Colorado College:** Ecology, Advanced Ecology, Tropical & Cultural Ecology (taught in Belize), Plant Diversity & Conservation, Entomology, Vertebrate Biology, Plant Biology, Cell Biology, Molecular & Classical Genetics, Organic Chemistry, Earth Systems Science, Biostatistics

## **TECHNICAL SKILLS**

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- Computer: MS Word, MS Powerpoint, MS Excel, Poptools© add-on in Excel, SAS, R, Sigmaplot, ArcGIS, Adobe Photoshop
- Laboratory: KCl soil nutrient extractions, K<sub>2</sub>SO<sub>4</sub> soil microbial biomass extractions, LGR liquid water isotope analyzer, WP4-T Dewpoint PotentialMeter, vacuum extraction unit (to extract water samples for stable isotope analysis)
- Field Equipment: ECH<sub>2</sub>O soil moisture monitoring systems, Hydrosense TDR probes, HOBO temperature dataloggers, Campbell scientific dataloggers, Garmin and Trimble GPS units, CPN 503DR Hydroprobe, PMS pressure bomb, LICOR portable photosynthesis system

## **HONORS AND AWARDS**

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- United Government of Graduate Students travel grant (\$300), 2011
- CU Boulder graduate school travel grant (\$300), 2011
- EPA STAR fellowship: 3 years tuition and stipend, 2010-current
- EBIO Graduate Student Research Grant (\$1,000), 2010
- Certificate of Appreciation for Outstanding Effort, NPS monetary award (\$300), 2009
- Best Science Lecture Award (\$350), Intermountain Graduate Research Symposium, 2009
- Conference travel award (\$2,000) from ISU Biology Department and ISU Graduate Studies
- Certificate of Appreciation for Outstanding Effort, USFS monetary award (\$200), 2004 and 2006
- Venture Grant award: Colorado College research grant (\$1,000) to research family tree in Ireland, 2003
- Margaret Barnes Natural Science Scholar: full tuition, merit-based scholarship at Colorado College, 2000-2004
- Salutatorian, Homestead Senior High School, Homestead FL, 2000