

Rangeland Ecology Sample Resume

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EDUCATION

Bachelor of Science in Rangeland Ecology

May 2010

Concentration in Restoration Ecology
Colorado State University, Fort Collins, CO

PROFESSIONAL HISTORY

Research and Lab Assistant

Sept – May 2009

Forest and Rangeland Stewardship Department, Colorado State University – Fort Collins, CO

- ◆ Gained laboratory experience in the soils lab. Responsibilities included weighing and sieving soil samples collected in the field.
- ◆ Conducted literature review on published research involving filtration of nitrogen and phosphorus from vegetation filter strips in riparian areas.

Forestry/Horticulture Outreach Staff

May – Aug, 2007-08

Foothills Park and Recreation District – Littleton, CO

- ◆ Communicated with community members about current projects.
- ◆ Proposed recommendations to recreation district regarding landscape planning, design, and planting.
- ◆ Trained 10 crew members on equipment safety and administrative procedures.
- ◆ Worked effectively in both teams and individually on work projects.

Volunteer

Aug – Dec 2008

Colorado Natural Heritage Program, Colorado State University – Fort Collins, CO

- ◆ Identified native indicator species for greasewood and sandsage habitats.
- ◆ Collected frequency data for grass indicator species.
- ◆ Gathered density and cover data for shrub indicator species.

ACADEMIC FIELD AND PROJECT EXPERIENCE

- ◆ **Vegetation Sampling:** Extensive use of both quantitative and qualitative methods for measuring cover, density, frequency, and biomass. Experience collecting data and performing statistical analysis.
- ◆ **Plant Identification:** Strong herbaceous and shrub identification in numerous plant communities. Keyed out hundreds of grasses, forbs, shrubs, and trees native to the Rocky Mountain region. Proficient in identifying over 50 general species of grasses.
- ◆ **Restoration:** Helped with reclamation project at Henderson Mine outside of Silverthorne, Colorado. Planted tree seedlings, transplanted willows into riparian areas, and broadcast seeding of road cuts.
- ◆ **Interdisciplinary:** Exposure to field work and measurements in hydrology, wildlife, and forestry. Participated in timber cruises, mark-recapture, and campus/pacing exercises.
- ◆ **Soils:** Knowledge and experience in the classification and morphology of soils.
- ◆ **Computer:** Arc Info & View, ERDAS IMAGINE, AutoCAD, Word, Excel, PowerPoint, Access, and Adobe Photoshop.

LEADERSHIP EXPERIENCE

- ◆ Treasurer, Colorado State University Range Club 2009-10
- ◆ Member, Society for Range Management 2008 – Present
 - Undergraduate Range Management Exam Participant at SRM Annual Meetings 2008-2010