

Project Summary  
Rocky Mountains Cooperative Ecosystem Studies Unit

**Project Title:** BLM WY Botanic and Floristic Inventory

**Discipline:** Natural  
**Type of Project:** Technical Assistance/Education  
**Funding Agency:** Bureau of Land Management  
**Other Partners/Cooperators:** University of Montana  
**Effective Dates:** 7/1/2014 to 6/30/2019  
**Funding Amount:** \$30,000

**Investigators and Agency Representative:**

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**Project Abstract:**  
U. Summary.

The objective of this project is to increase and improve botanical and floristic information and data that the Wyoming BLM can use to manage for the conservation of Special Status Species (SSS), which include U.S. Fish and Wildlife Service Endangered, Threatened, or Proposed and BLM Sensitive species, and their associated habitats. This work will help the BLM meet the objectives and requirements of the Endangered Species Act, the BLM Special Status Species Policy, and the Federal Land Management and Policy Act (FLPMA). Information obtained through this multi-year agreement will inform future land management decisions, as well as assessments of local and regional biodiversity.

The partner (recipient) will provide botanical and floristic expertise for BLM needs including floristic inventories and reports, geospatial mapping, expert species identification, and plant specimen collection and curation. Duplicate herbarium specimens may be collected mounted and labeled for BLM use. Photographic images will be collected at all stages of the work to provide a visual record for use in documentation, reporting, and education/ outreach. All written and digital products, raw data and images will be shared with WY BLM. Maps of the geospatial extent of SSS populations encountered are required, along with completed field data forms (BLM will provide example forms with data required). The same requirement may apply to select or all invasive or noxious species, to be determined by project. Vegetation communities at inventory sites and/or SSS occurrence areas will be classified by partner according to National Vegetation Classification Standards. Geospatial records of surveyed areas and specific inventory protocols used are required. Close communication and coordination with local and state-level BLM staff is expected (e.g. regarding project schedule, field locations, document review).

**Keywords:** Rocky Mountain Herbarium, University of Wyoming, Bureau of Land Management, botanic inventory, floristic inventory