

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Bryophyte Inventory at Devils Tower

Discipline: Natural

Type of Project: Research/Technical Assistance

Funding Agency: National Park Service

Other Partners/Cooperators: University of Wyoming

Student Involvement: No

Effective Dates: 06/22/2015 - 12/31/2016

Funding Amount: \$4,120

Investigators and Agency Representative:

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Project Abstract: University of Wyoming's Wyoming Natural Diversity Database (WYNDD) will conduct a bryophyte inventory at Devils Tower National Monument (DETO), building on preliminary collecting records, to determine the DETO flora. This project fulfills a core inventory and monitoring mandate, and the bryophyte flora has relevance in managing terrestrial and aquatic resources. WYNDD will ensure that all documented species are represented in the running record of the state bryology flora that is being developed at WYNDD, to determine which species are rare in the state and the region. WYNDD will create an annotated checklist of DETO bryophytes and submit voucher specimens to the DETO museum collection at MORU. The project fulfills a public purpose by improving public understanding of the bryophytes of Devils Tower, through creation of the annotated checklist and identification of potentially rare bryophytes.

Outcomes with Completion Dates:

Final checklist and herbarium records - December 31, 2016

Keywords: Devils Tower National Monument, University of Wyoming, bryophyte inventory, rare bryophytes