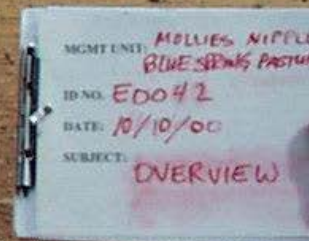
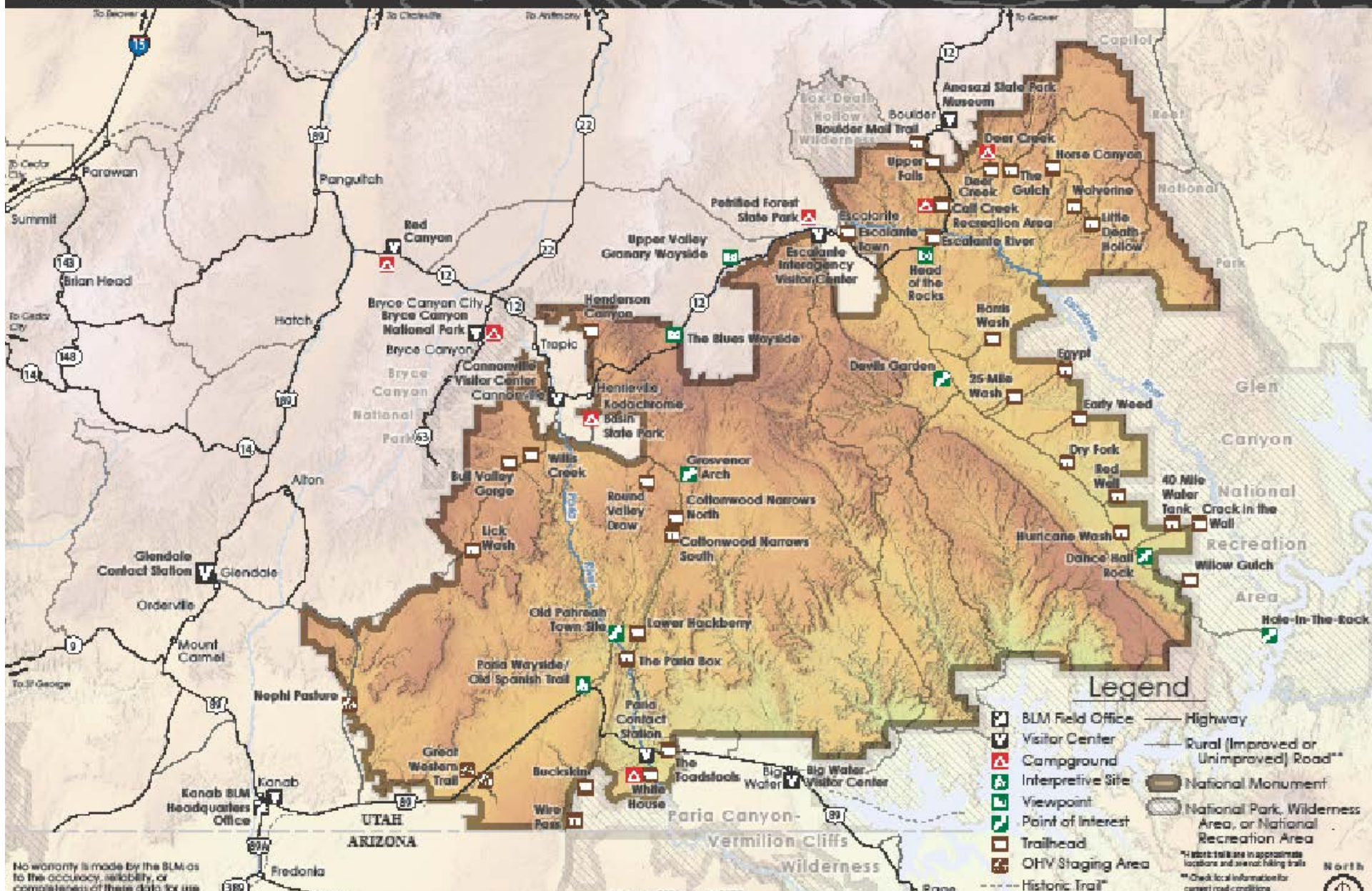


Agency Use of Native Seeds: Stories from Ground Level



National Academies of Sciences
Assessment of Native Seed Needs and Capacities
November 12, 2021

Grand Staircase-Escalante National Monument



Legend

- BLM Field Office
- Visitor Center
- Campground
- Interpretive Site
- Viewpoint
- Point of Interest
- Trailhead
- OHV Staging Area
- Historic Trail
- Highway
- Rural (Improved or Unimproved) Road
- National Monument
- National Park, Wilderness Area, or National Recreation Area

No warranty is made by the BLM as to the accuracy, reliability, or completeness of these data for use.

*Where trails are in approximate locations and are not hiking trails.
**Check local information for current road conditions.

Semidesert Sandy Loam WY Big Sagebrush Capitol Reef National Park



Semidesert Sandy Loam WY Big Sagebrush Circle Cliffs seeding

Circle Cliffs
Onion Beds

MGMT UNIT:
ID NO: E0607
DATE: 4/17/02
SUBJECT: B. G.

Circle Cliffs Seeding 2007

A landscape photograph showing a grassy field in the foreground, a dense line of green trees and shrubs in the middle ground, and a rocky cliff face in the background under a clear blue sky. The text "Circle Cliffs Seeding 2007" is overlaid in white on the upper part of the image.

Photo Credit: GSENM staff

Circle Cliffs seeding 2012



Circle Cliffs Seeding 2012



Circle Cliffs seeding May 2019



Circle Cliffs seeding May 2019

1. A fundamental paradigm shift from utilitarian uses of public land to holistic ecosystem-centered approach is needed.
2. Need specialists in ecosystem restoration and financial and policy support to back them up.
3. Better accountability and more consequences for management results. Incentive to change practices.
4. Formal research and monitoring of projects is needed. Encourage exclosures in all projects.

Five Mile Seeding/Fin Little 2018



Five Mile Seeding/Fin Little 2018



One year later...



MM25 and Lime Fires Emergency Stabilization & Restoration



Compliance with AZ Strip Field Office Land Use Plan

MA-VM-03

The use and perpetuation of native species will be emphasized. However, when restoring or rehabilitating disturbed or degraded rangelands, non-intrusive, non-native plant species may be used where native species:

- Are not available,
- Are not economically feasible,
- Cannot achieve DFCs, [Desired Plant Community] (DPCs), or other ecological objectives as well as non-native species, and/or
- Cannot compete with already established non-native species.

Circle Cliffs seeding May 2019

1. A fundamental paradigm shift from utilitarian uses of public land to holistic ecosystem-centered approach is needed.
2. Need specialists in ecosystem restoration and financial and policy support to back them up.
3. Better accountability and more consequences for management results. Incentive to change practices.
4. Formal research and monitoring of projects is needed. Encourage exclosures in all projects.



Photo Credit: Melinda Ellison, Progressive Cattle