

Rare Plant Inventories in Grazing Allotments in Capitol Reef National Park, Utah

In 2018, The Arboretum at Flagstaff partnered with Capitol Reef National Park in Utah to survey for three rare species in remote areas of the park. Each species appears on the Endangered Species List as endangered or threatened. They are: Wright's fishhook cactus (*Sclerocactus wrightiae*), endangered; Winkler's pincushion cactus (*Pediocactus winkleri*), threatened; and Last Chance Townsend daisy (*Townsendia aprica*), threatened. All three species occur in a recently retired livestock grazing allotment within the Hartnet Allotment.

Using the Park's survey protocols, The Arb team will be collecting information on plant locality, population density, phenology, and noting any obvious threats to the plants. Regular monitoring of rare species is one important tool in the conservation ecologists tool box and can provide important indications of overall species stability or decline.

For more information on this project, please contact Sheila.Murray@thearb.org.

