



Rare Plants of Fossil Butte National Monument

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Abstract:

Nine plant species of concern were surveyed in Fossil Butte Monument (Table 1) from 2010-2012 to assess potential threats to rare plants from Fossil Butte National Monument's population of overwintering elk. This study represents the most complete information on the distribution, habitat requirements, and population characteristics of the nine plant species in the Monument. Impacts from wintering elk are probably minor at present. This study adds to documentation that Fossil Butte National Monument is significant for its floristic diversity and concentration of rare and endemic vascular plant species.

Table 1-1. Rare species of Fossil Butte National Monument surveyed in 2010–2012.

Species	Common name	WYNDD and legal status*
<i>Astragalus lentiginosus</i> var. <i>salinus</i>	Sodaville milkvetch or salt milkvetch	WYNDD Species of Concern; no legal status
<i>Atriplex falcata</i>	falcate saltbush	Formerly WYNDD Species of Concern (dropped in April 2012); no legal status
<i>Ceanothus martinii</i>	Martin's buckbrush or Utah mountain-lilac	WYNDD Species of Concern; no legal status
<i>Cuscuta occidentalis</i>	western dodder	WYNDD Species of Concern; no legal status
<i>Lepidium integrifolium</i> var. <i>integrifolium</i>	entire-leaved peppergrass	WYNDD Species of Concern; WY BLM Sensitive
<i>Lomatium bicolor</i>	Wasatch biscuitroot	WYNDD Species of Potential Concern; no legal status
<i>Lomatium triternatum</i> var. <i>anomalum</i>	ternate desert-parsley	WYNDD Species of Concern; no legal status
<i>Penstemon paysoniorum</i>	Payson's beardtongue	WYNDD Species of Potential Concern; no legal status
<i>Physaria condensata</i>	tufted twinpod	WYNDD Species of Potential Concern (downgraded from species of concern list in April 2012); USFWS: former C2 candidate; WY BLM: Sensitive