TABLE 1 Topography, climate, soil, tree cover, and understory vegetation at the Castlehead, Marking Corral, and Onaqui sites prior to treatments. Data from Pierson et al. (2010, 2015) or Williams et al. (2014) except where indicated by footnote.

	Castlehead, Idaho, USA	Marking Corral, Nevada, USA	Onaqui, Utah, USA
Woodland community	western juniper ¹	single-leaf pinyon ² /Utah juniper ³	Utah juniper ³
Elevation (m) - Aspect	1750 – SE facing	2250 - W to SW facing	1720 – N to NE facing
Mean annual precip. (mm)	3644	2994	298^{4}
Mean annual air temp. (°C)	7.4^4	6.9^{4}	9.2^{4}
Slope (%)	10-25	10-15	10-15
Parent rock	basalt and welded tuff ⁵	andesite and rhyolite ⁶	sandstone and limestone ⁷
Soil association	Mulshoe-Squawcreek-Gaib ⁵	Segura-Upatad-Cropper ⁶	Borvant ⁷
Depth to bedrock (m)	0.5-1.05	0.4-0.56	1.0-1.57
Soil surface texture	sandy loam,	sandy loam,	sandy loam,
	59% sand, 37% silt, 4% clay	66% sand, 30% silt, 4% clay	57% sand, 37% silt, 7% clay
Tree canopy cover $(\%)^8$	26^{1}	$15^2, 10^3$	26 ³
Trees per hectare ⁸	158 ¹	329^2 , 150^3	476 ³
Mean tree height $(m)^8$	5.2^{1}	$2.3^2, 2.4^3$	2.4^{3}
Juvenile trees per hectare ⁹	28^{1}	296 ² , 139 ³	154 ³
Shrubs per hectare ¹⁰	2981	12065	4914
Intercanopy bare ground (%)	88	64	79
Common understory plants	Artemisia tridentata Nutt. ssp. wyom	ingensis Beetle & Young; Artemisia nova A.	Nelson; Artemisia tridentata Nutt. ssp.
	vaseyana (Rydb.) Beetle; Purshia spp.; Poa secunda J. Presl; Pseudoroegneria spicata (Pursh) A. Löve; Festuca idahoensis		
		Elmer; and various forbs	

¹Juniperus occidentalis Hook.

²Pinus monophylla Torr. & Frém.

³Juniperus osteosperma [Torr.] Little.

⁴Estimated from 4 km grid for years 1989-2018 from Prism Climate Group (2019).

⁵Natural Resources Conservation Service (NRCS) (2003).

⁶NRCS (2007).

⁷NRCS (2006).

⁸Trees \geq 50 cm height, for Castlehead includes data from Williams et al. (2014) and one additional year.

⁹Trees 5 to 50 cm height, for Castlehead mean based on data from Williams et al. (2014) and one additional year.

¹⁰Shrubs \geq 5 cm height, for Castlehead mean based on data from Williams et al. (2014) and one additional year.