SageSTEP Repeat Photos

Greenville Bench – Cut and Leave; Subplot #9 – 0 meters
Treated 2007

Discussion

- The cut and leave treatment successfully removed all trees from the sub-plot, and the sequence nicely shows the steady degradation of the down trees through six years.
- Cheatgrass cover is very low in this sequence until 2013, when it was measured at 15%.
- A few very small bunchgrass individuals are evident pre-treatment, but they have clearly been suppressed by tree growth to Phase III. By 2013 however, several much larger individuals are evident, reflected in the much higher perennial grass cover of 28.3%.
- Shrubs are absent pre-treatment, but several appear to have grown somewhat by 2013, including one small individual green rabbitbrush in the foreground, and several gray rabbitbrush in the background.
- Overall, the sequence illustrates substantial grass and shrub recovery after the mechanical treatment of 2007, from nearly 100% bare ground in the 2006 pre-treatment photo, to 61% bare ground cover by 2013.

Data

2006-July
(10+100 hr Fuels)
2008-July
(10+100 hr Fuels)
2009-July
(10+100 hr Fuels)
2010-June
(10+100 hr Fuels)
2013-June
(10+100 hr Fuels)

Data Key

Vegetation/Ground Cover
(Woody fuel measured in kg per ha and combined)
- 10-hr <1" diameter
- 100-hr 1-3" diameter
(Measured in # per ha)

Tree Seedlings
(Measured in number per ha)

Shrub Density
(Measured in # per ha)

Vegetation/Ground Cover
(Measured in percent cover)
- Shrub
- Forb
- Annual Tall Grass
- Annual Grass
- Moss + Lichen
- Bare Ground

Bare Ground
(Measured in average cm)

Treatment Data by Year from Plot #9 – 0 meters

<table>
<thead>
<tr>
<th>Year</th>
<th>Treatment</th>
<th>10+100 Hour Fuels</th>
<th>Tree Seedling Density</th>
<th>Shrub Density</th>
<th>Shrub Cover</th>
<th>Forb Cover</th>
<th>P. Grass Cover</th>
<th>A. Grass Cover</th>
<th>Moss+ Lichen Cover</th>
<th>Bare Ground Cover</th>
<th>Basal Gap</th>
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