

## Desired Forest Vegetation Trends from the Front Range Roundtable CFLR project 2011 Ecological, Social and Economic Monitoring Plan (Table 2, pages 25-29)

### Tree Density

- Decreased basal areas
- Decreased trees per acre

### Tree Sizes

- Increased Quadratic Mean Diameters

### Tree Ages

- Increased ratios of old trees (>200 yrs) to transitional trees (150-200 yrs) to younger trees (<150 years).

### Tree Species

- Increased ratio of ponderosa pine to other conifers where appropriate

### Surface fuels

- Decreased litter and duff depths
- Decreased or similar coarse woody debris

### Fire behavior

- Mixed-severity that trends toward surface fire
- Reduced crown fire potential at 90% weather as modeled in fire behavior models

### Grass, forbs and shrubs

- Increased cover by grass, forbs and shrubs
- Decreased deep needle layers and bare ground.

### Noxious or invasive plant species

- Similar (or decreased) occurrence and cover of noxious or invasive plant species

### Habitat Structure Stage at landscape scale ((6<sup>th</sup> or 7<sup>th</sup> level HUC) mosaic

- Increase larger, more open structure
- Increased structural stages 4&5
- Slight increase of structural stage 1: grass, forbs
- Decrease in closed, dense structure