



# Three Meadows Monitoring and Restoration 2018

Gwen Starrett, ACCG  
member

Upper Onion Valley, photo  
by Chris Fuller



# Ecological Effectiveness Monitoring

## How effective is conifer removal?



Meadows  
monitored prior to  
conifer removal:

Thompson  
Meadow –  
Hemlock ( 2017)

Upper Onion  
Valley – Three  
Meadows NFWF  
Project (2018)





Vegetation Transects and Cover Estimates  
- within meadow



Vegetation  
Transects  
and Cover  
Estimates  
- meadow  
boundary





# Conifer Removal

- Conifers encroach in the meadow, accelerating the loss of meadow habitat
- Volunteers removed pine seedlings and saplings from Upper Onion Valley







# Conifer Removal in Meadow Boundary



# Willow Planting October 28<sup>th</sup> , November 4<sup>th</sup>





# Willow Planting in Upper Onion Valley - 2018



Continuing the work started in 2017, volunteers cut and planted willow stakes along the full length of this headcut

Photo – Chris Fuller



# Willow Planting in Upper Onion Valley - 2018



Willow stakes were cut and placed in water for a week to stimulate root growth

Thanks to Don and Carol for their hard work!



# Willow Planting Volunteers



Thanks to Alice, Chris,  
Jan, Jenny, Kelsi,  
Lester, Lexi, Lily,  
Marta, Mel, and Pat!

They accomplished  
all the willow planting  
in one day.

Photo – Chris Fuller



# Accomplishments

- ▶ Completed 6 monitoring transects (pre-implementation)
- ▶ Removed conifers from Upper Onion Valley meadow footprint
- ▶ Started conifer removal in boundary area
- ▶ Planted willows along length of head cut
- ▶ 25 volunteers
- ▶ 3 USFS ecologists
- ▶ NFWF in-kind services





# Thanks!

- NFWF
- Deb and GVCCC crew
- FS Ecologists – Becky, Christa, Erin
- Point Blue – Alyssa
- Drivers – Julia, Reuben
- Amador FS – Robin, Chuck, Rick
- Chef Steve
- All those hard working volunteers

