

#### **Eagle Creek Fire 2017**

"The best thing that could have happened to the gorge"



September 2018

#### Ecological benefits of fire in 2018

#### assuming no salvage logging

- PNW lacks high quality early successional ecosystems.
- Greater diversity in plant life
- Dead wood (beetle larvae, insects, cavity nesting birds)
- "Because of the rich array of food sources, early successional habitats (pre forest) harbor numerous and complex food webs". ~Dr. Jerry Franklin (U.W.)

# Vision statement of the Scenic Area Act

"To establish a national scenic area to protect and provide for the enhancement of the scenic, cultural, recreational, and natural resources of the Columbia Gorge"

# Scenic Area Management Plan Refers to Invasive species.

- Sensitive plant species
- Trail planning and recreation
- Rehabilitation of degraded areas

#### **Burn Area Emergency Response Team**

... "recommended that appropriate measures to reduce impacts from invasive species"

... "monitoring for any new infestations and implementing EDRR"

# EMSWCD Weed Control in the Columbia Gorge 2007-2017

- 2007 Knotweed
- 2008 Garlic Mustard
- 2009 EDRR
- 2010 Clematis Vitalba
- 2012 English Ivy

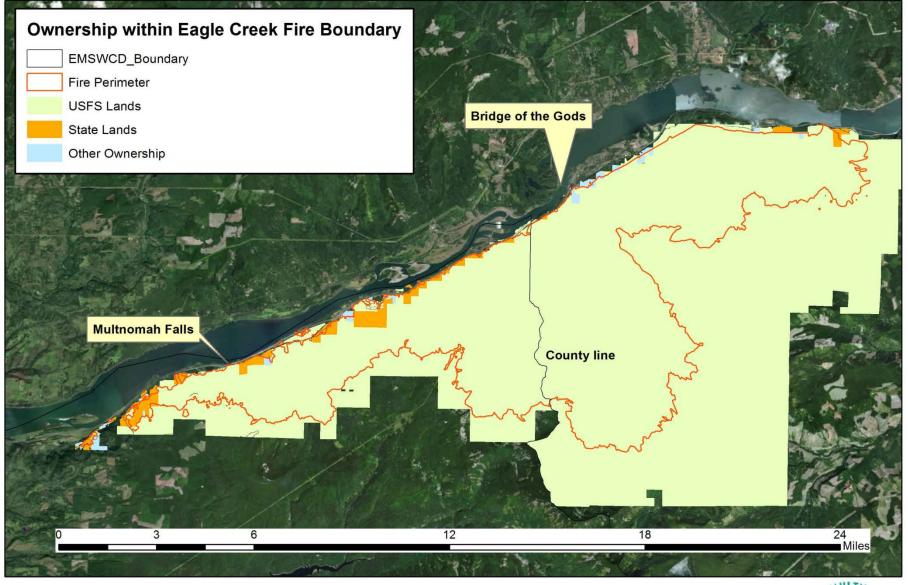
# **Partnerships**

- **USFS** funding \$17,450 for 1 year
- OPRD funding ~\$40,000 for 2 years
- EMSWCD funding \$95,000 per year for existing control projects
- Friends of the Gorge
- ODOT

# **Strategy**

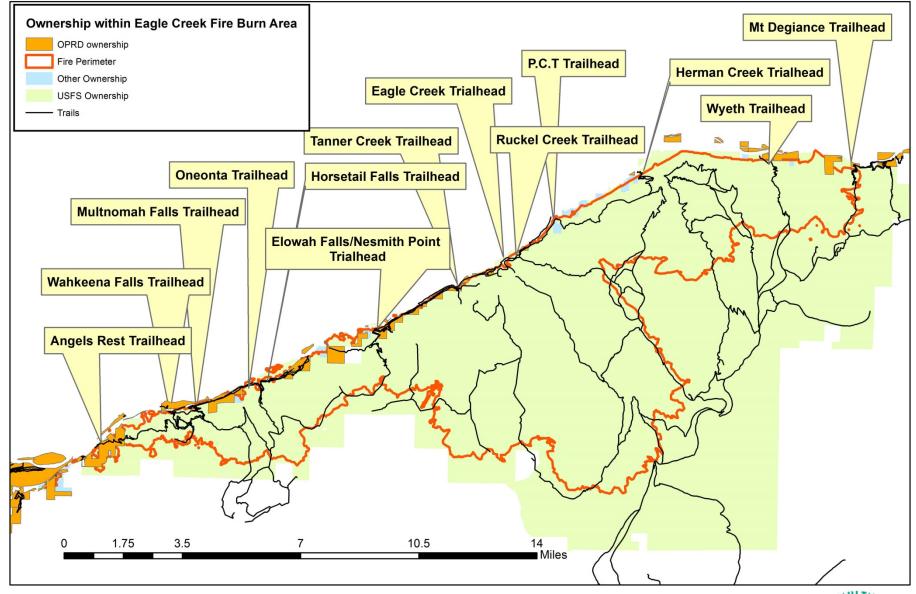
- **USFS** to prioritize woody species such as blackberry, ivy, scotch broom.
- **OPRD** to prioritize weeds from the **CGCWMA** weed list. ~200 species.

- EMSWCD to continue EDRR.
  - Prioritize garlic mustard and false brome.
  - Keeping r.o.w weeds in the r.o.w
  - Context.



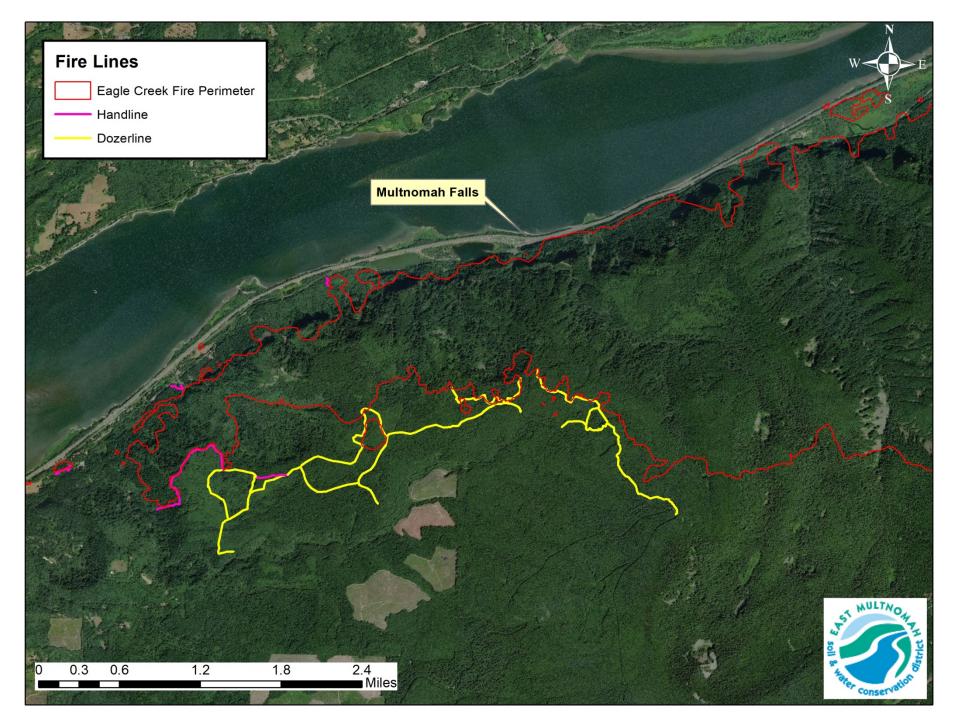


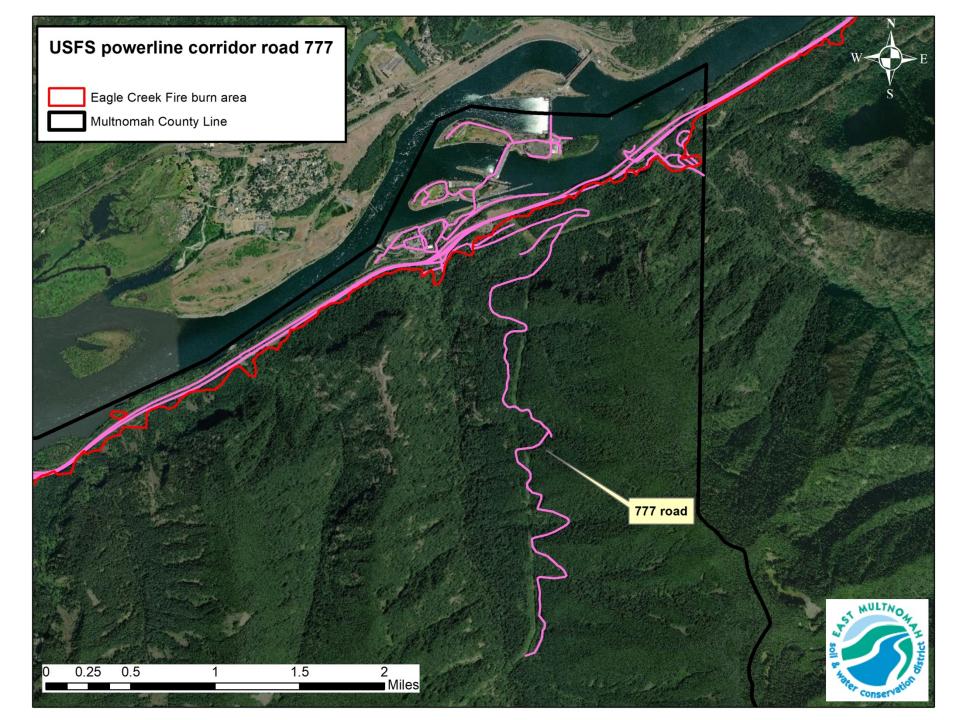


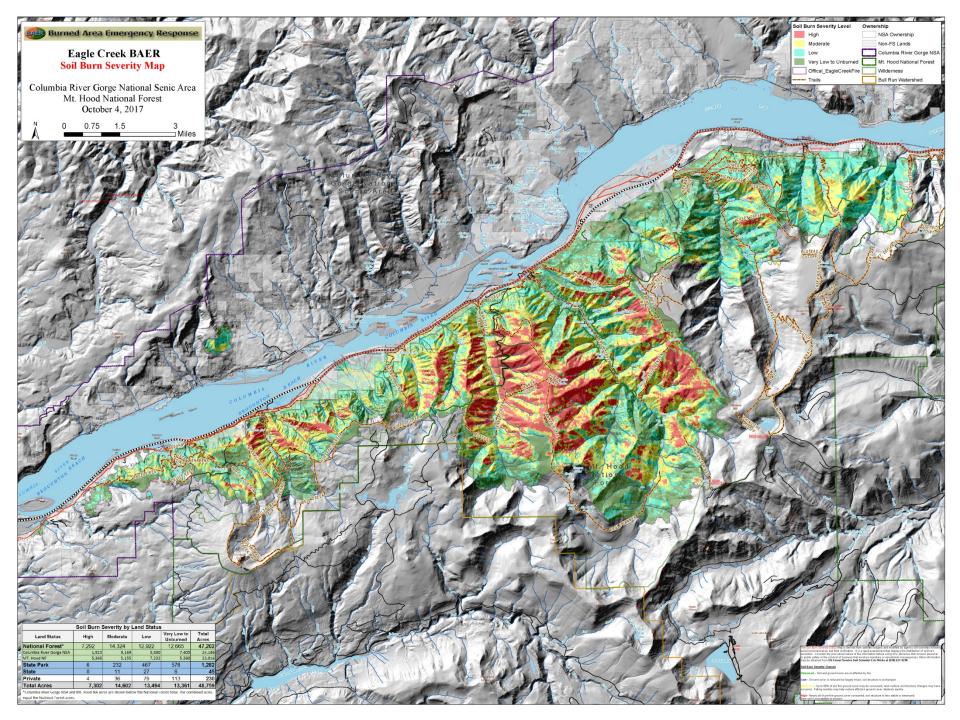


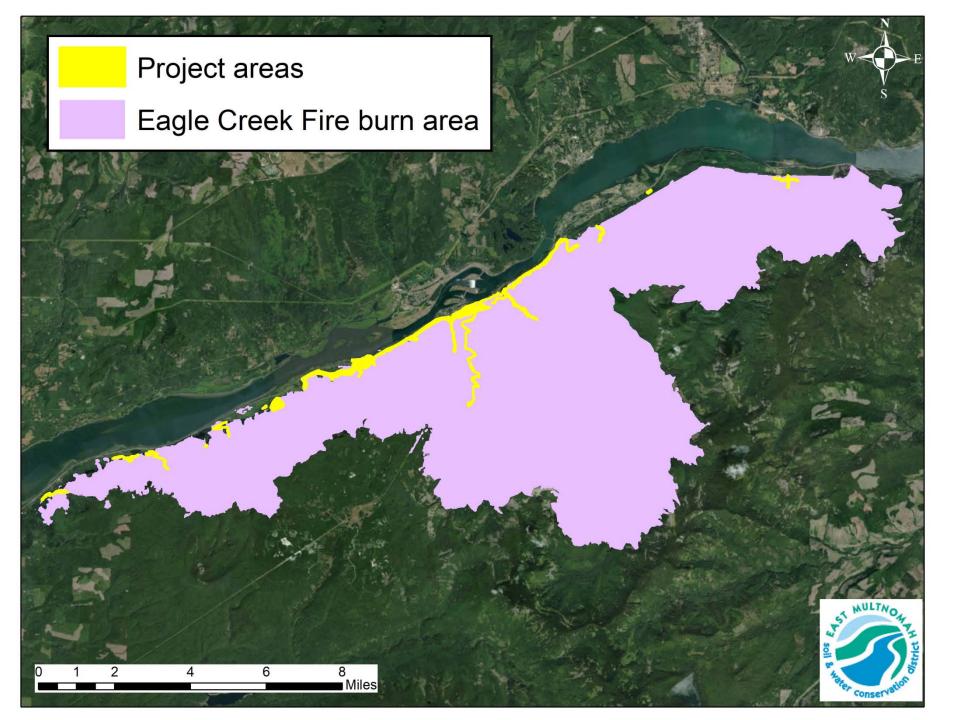
Trailheads with parking lots leading into the burned area.

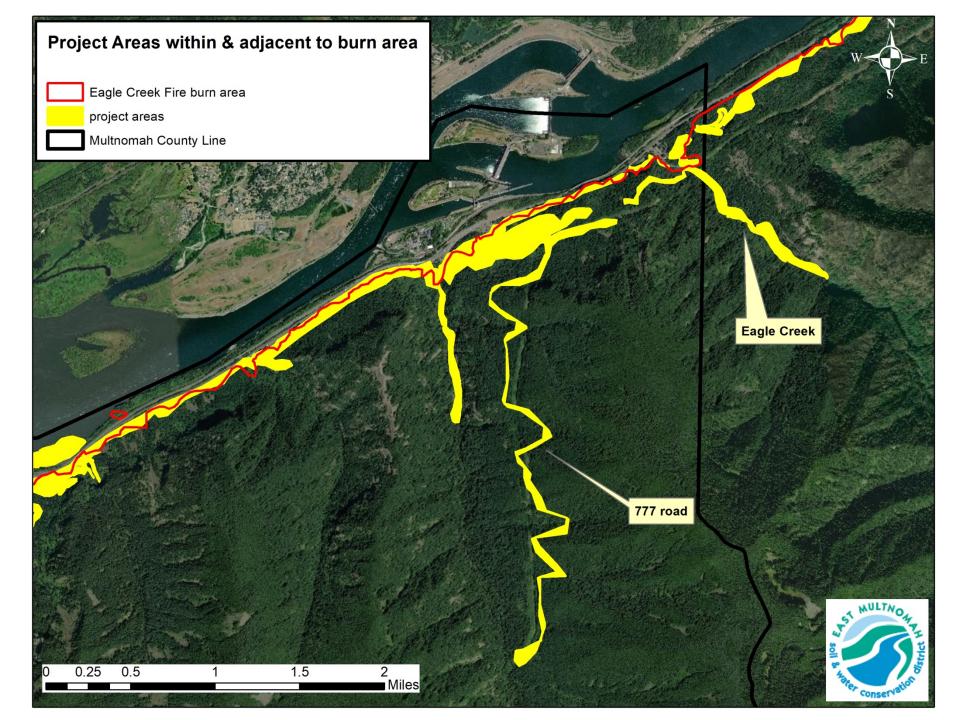












#### **Treatment totals**

- 667 acres covered (gross)
  - 296 USFS
  - 372 OPRD
- 20.28 miles; trail and roadside
  - 17 miles USFS
  - 4 miles OPRD

#### **Key observations**

- Native regeneration happening quickly.
- Areas that were weedy **before** the fire tended to be weedy post fire. Blackberry, herb robert. Except false brome.
- Pristine tended to be pristine after.
- Annual weeds w/ windborne seeds already seemed to be everywhere. Wall lettuce, prickly lettuce...
- Perrenial Peavine, shiny geranium???



#### October 2017









#### December 2017











# April 2018



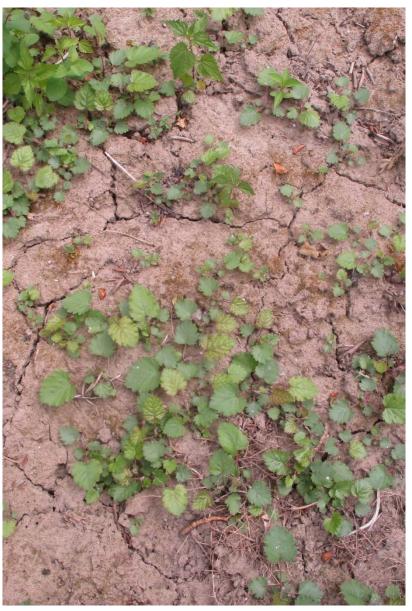


# **April 2018**























#### June 2018







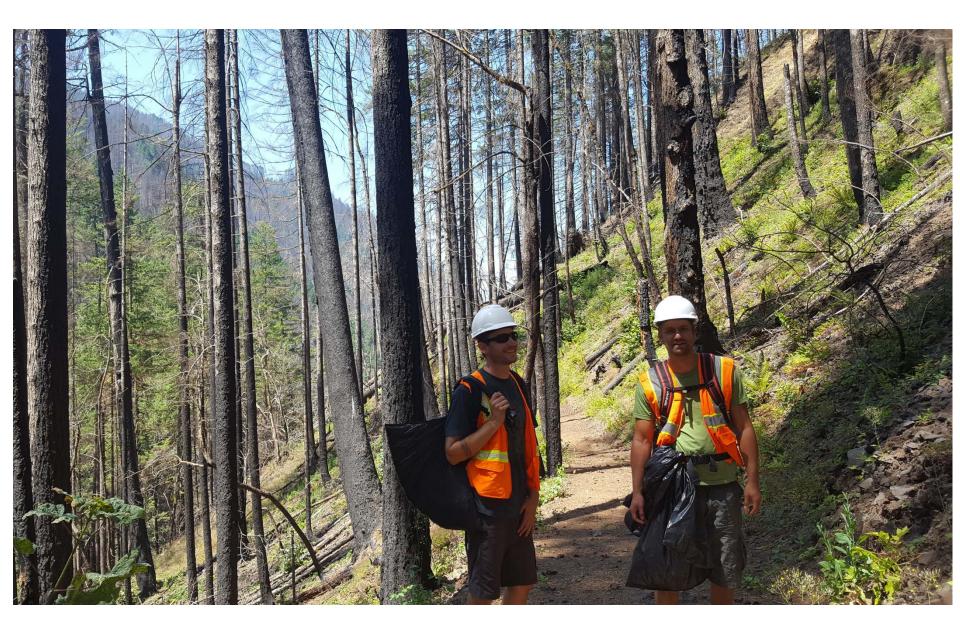
#### June 2018







#### July 2018



July 2018









### July 2018





# August 2018





#### August 2018





### September 2018



# September 2018



# September 2018



## September 2018







September 2018

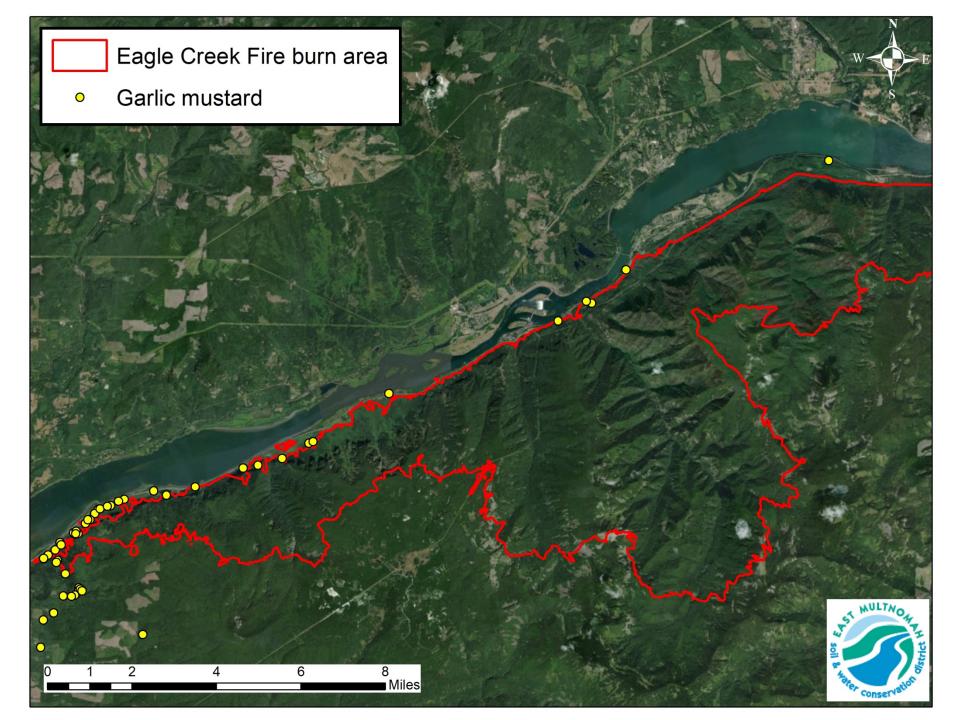
# September 2018

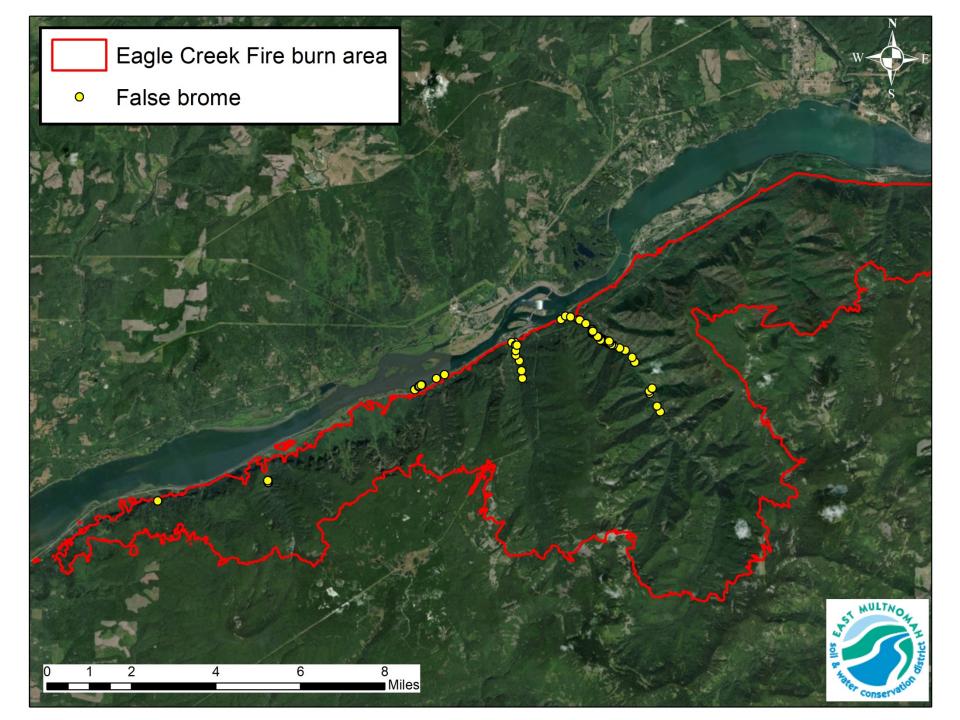


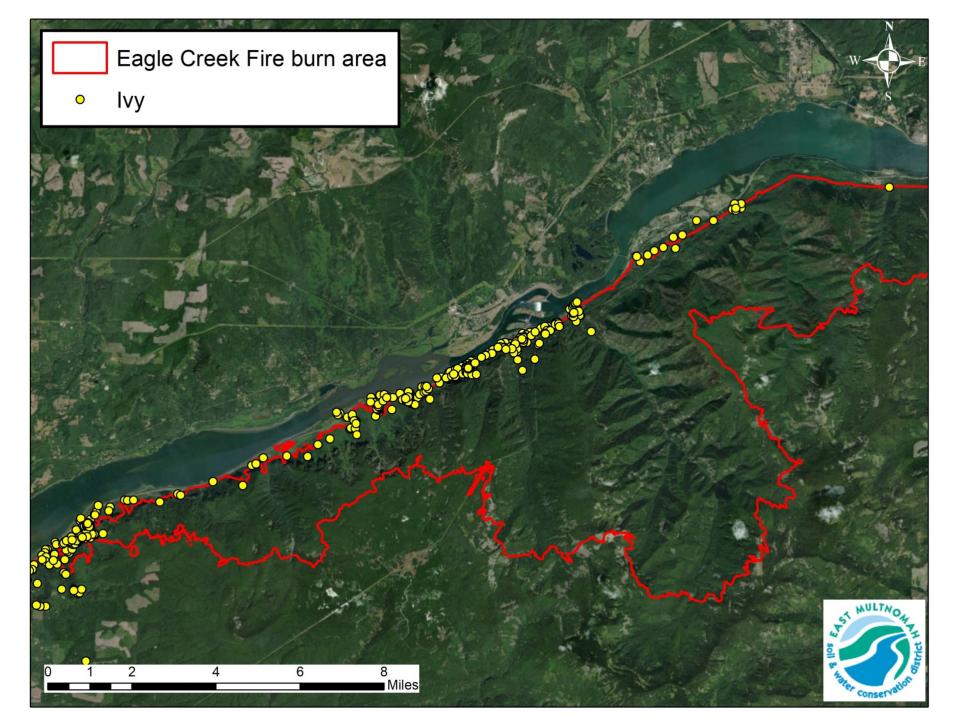


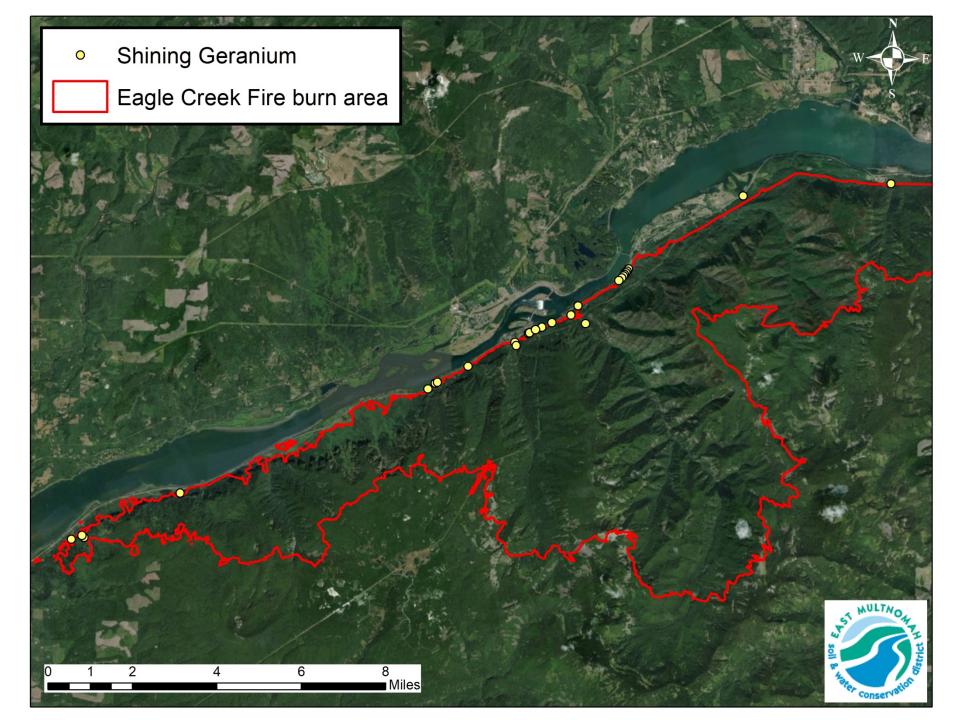
#### **Moving Forward**

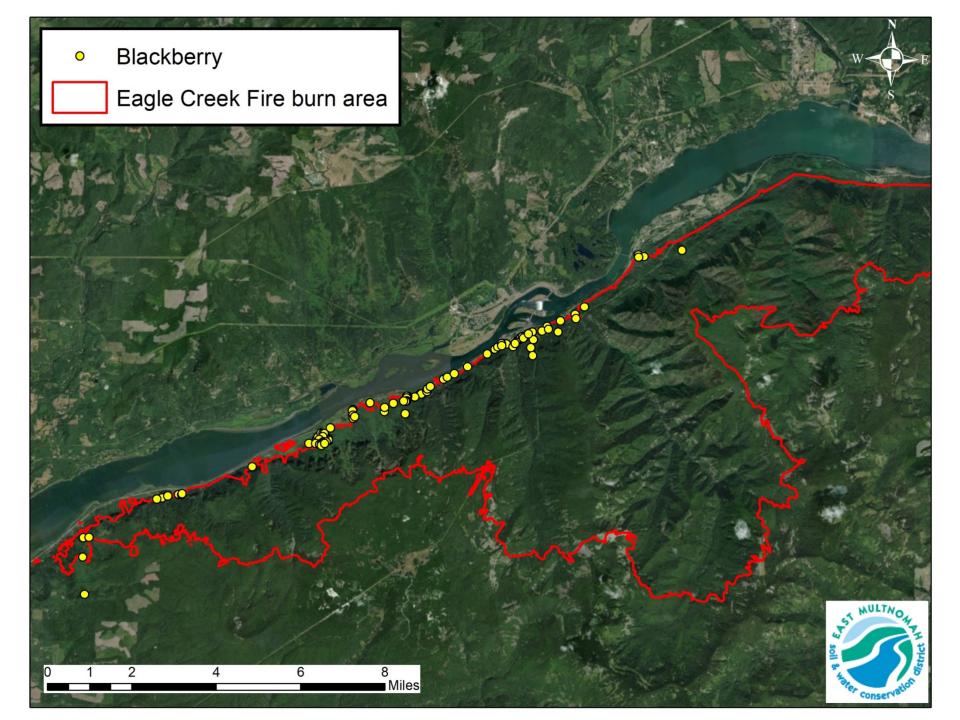
- USFS & OPRD decisions
- Fire lines
- EMSWCD continue EDRR
  - Expand control list.

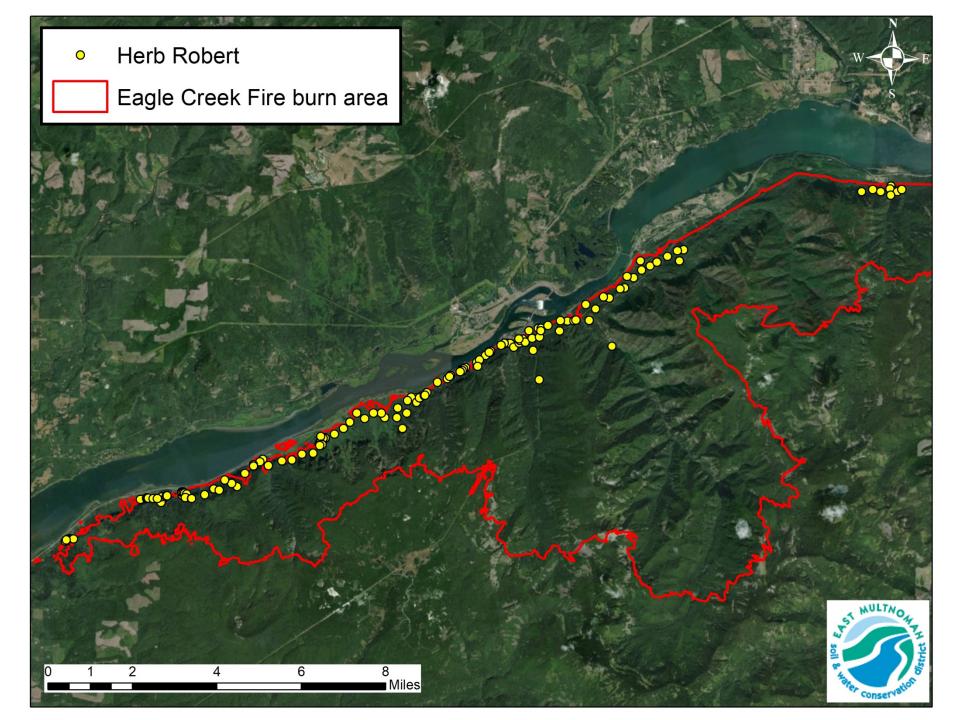


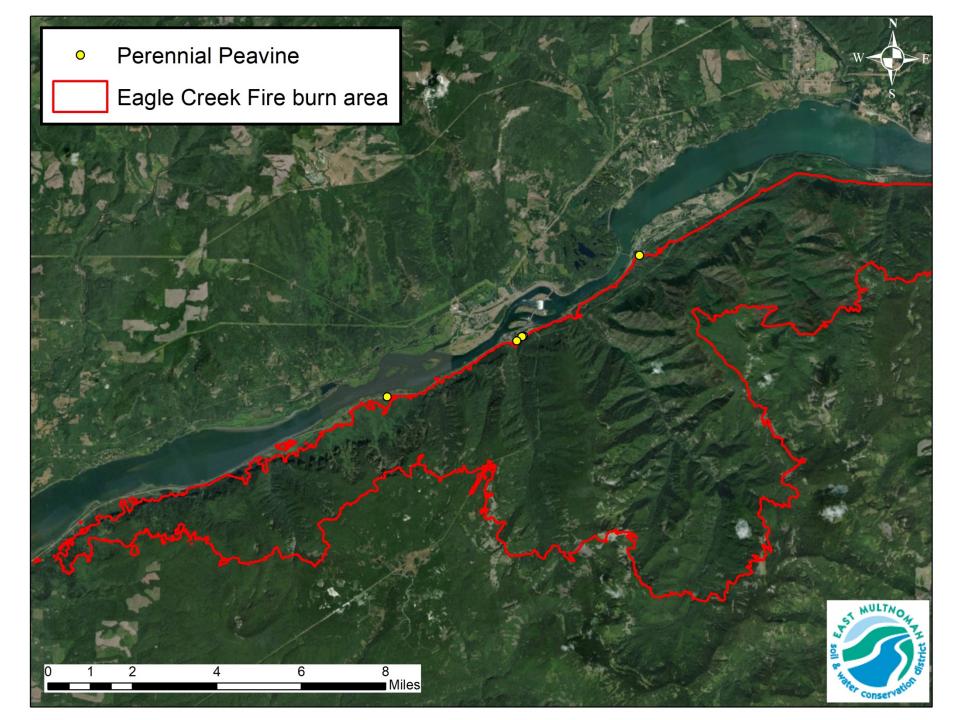


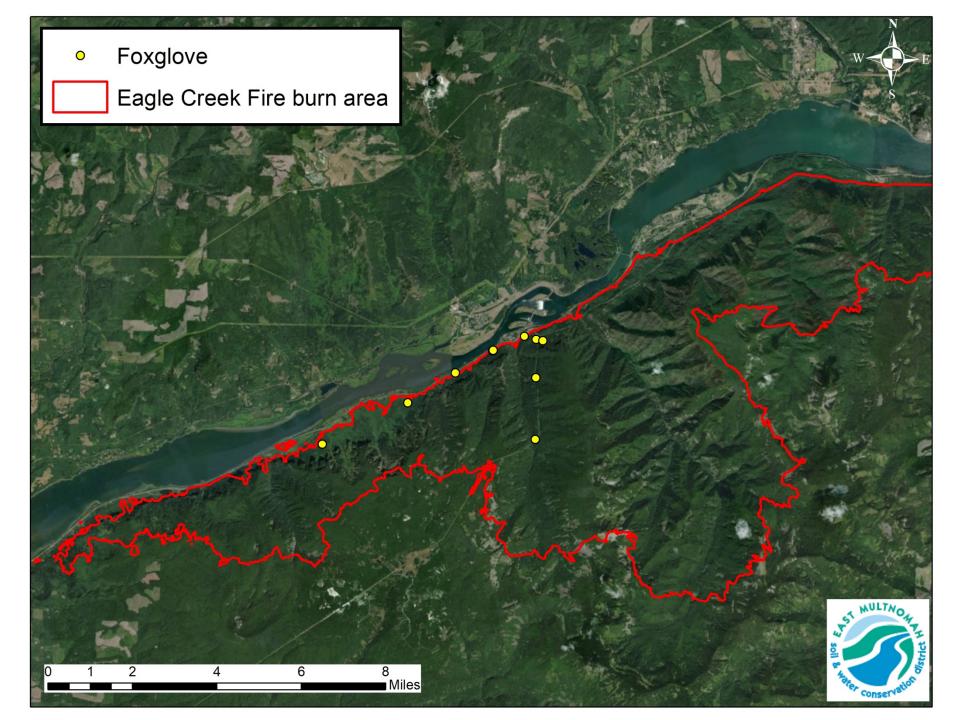


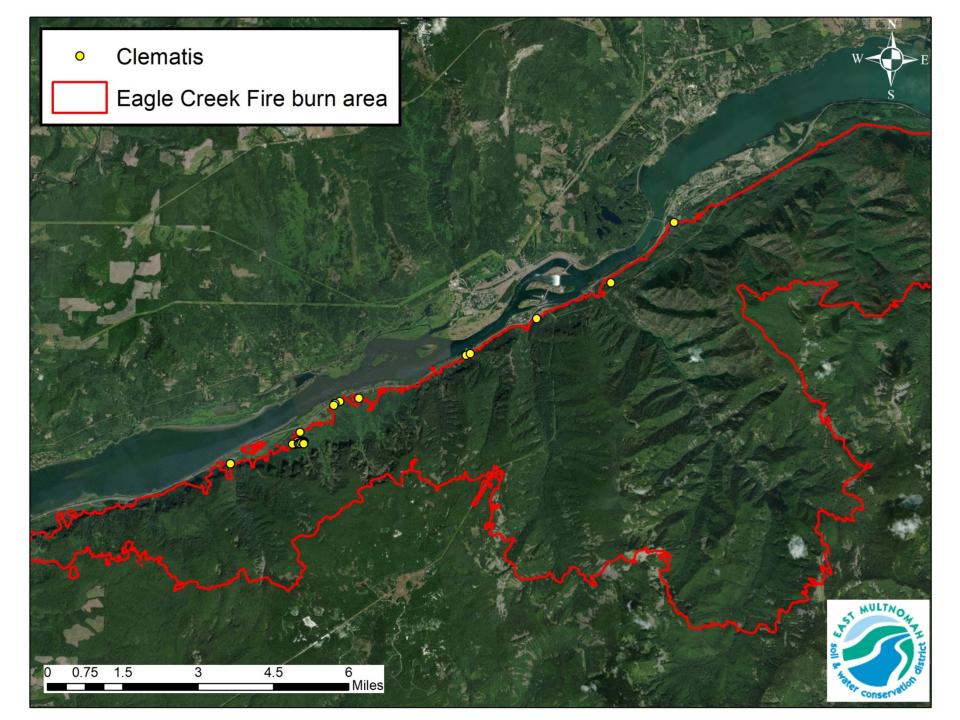


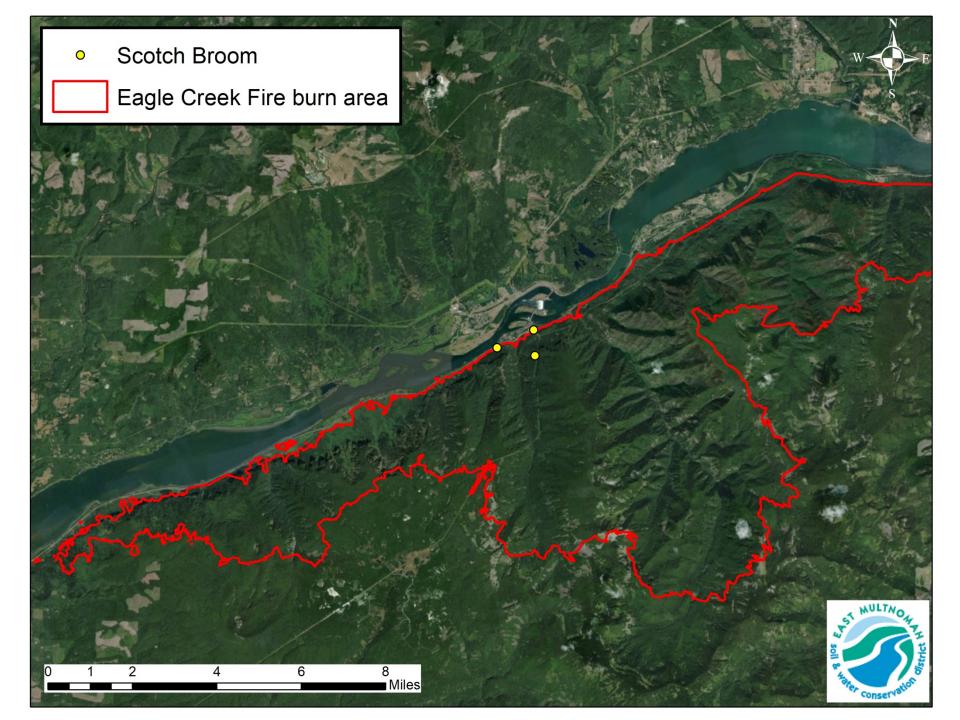












- Bindweed
- Bishops weed
- Blackberry
- Burdock
- Dames Rocket
- Knapweed sp.
- Foxglove
- Groundsel
- Herb Robert
- Holly
- Ivy
- Knotweed
- Lemon Balm

- Perennial Peavine
- Prickly Lettuce
- Reed Canary Grass
- Scotch Broom
- Shinning Geranium
- Travelers Joy
- Velvet Grass
- Vinca minor
- Wall lettuce
- Yellow Hawkweed

### **Many Thanks!**

- Robin Dobson, Katie Santini, Sarah Callahan, & Sarah Uvodic –U.S. Forest Service
- Andrea Berkley & Clay Cortright Oregon Parks & Rec.
- Kent Kalsch & Ryan Houston O.D.O.T
- Hood River S.W.C.D
- Alex Staunch, Jason Dumont Mosaic Ecology
- Amaral Nursery
- Mika Barret Friends of the Gorge
- Angie Kimpo Portland Water Bureau
- Jon Wagner, Lucas Nipp, Julie DiLione, and Andrew Brown – East Multnomah S.W.C.D

#### **Questions**

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