

## **Resilience to stress and disturbance, and resistance to *Bromus tectorum* L. invasion in cold desert shrublands of western North America**

[www.nrfirescience.org/resource/12897](http://www.nrfirescience.org/resource/12897)

Alien grass invasions in arid and semi-arid ecosystems are resulting in grass-fire cycles and ecosystem-level transformations that severely diminish ecosystem services. Our capacity to address the rapid and complex changes occurring in these ecosystems can be enhanced by developing an understanding of the environmental factors and...

Author(s): Jeanne C. Chambers, Bethany A. Bradley, Cynthia S. Brown, Carla M. D'Antonio, Matthew J. Germino, James B. Grace, Stuart P. Hardegee, Richard F. Miller, David A. Pyke

Year Published: 2014

Type: Document

Book or Chapter or Journal Article

## **Spectroscopic analysis of seasonal changes in live fuel moisture content and leaf dry mass**

[www.nrfirescience.org/resource/13001](http://www.nrfirescience.org/resource/13001)

Live fuel moisture content (LFMC), the ratio of water mass to dry mass contained in live plant material, is an important fuel property for determining fire danger and for modeling fire behavior. Remote sensing estimation of LFMC often relies on an assumption of changing water and stable dry mass over time.

Fundamental understanding...

Author(s): Yi Qi, Philip E. Dennison, William Matt Jolly, Rachel C. Kropp, Simon C. Brewer

Year Published: 2014

Type: Document

Book or Chapter or Journal Article

## ***Rubus parviflorus* (thimbleberry)**

[www.nrfirescience.org/resource/10676](http://www.nrfirescience.org/resource/10676)

This FEIS species review synthesizes information on the relationship of *Rubus parviflorus* (thimbleberry) to fire--how fire affects the species and its habitat, effects of the species on fuels and fire regimes, and fire management considerations. Information is also provided on the species' taxonomy, distribution, basic biology, and...

Author(s): Corey L. Gucker

Year Published: 2012

Type: Document

Synthesis

## ***Holodiscus discolor* (oceanspray)**

[www.nrfirescience.org/resource/10653](http://www.nrfirescience.org/resource/10653)

This FEIS species review synthesizes information on the relationship of *Holodiscus discolor* (oceanspray) to fire--how fire affects the species and its habitat, effects of the species on fuels and fire regimes, and fire management considerations. Information is also provided on the species' taxonomy, distribution, basic biology, and...

Author(s): Janet L. Fryer

Year Published: 2010

Type: Document

Synthesis

## ***Acer glabrum* (Rocky Mountain maple)**

[www.nrfirescience.org/resource/10609](http://www.nrfirescience.org/resource/10609)

This FEIS species review synthesizes information on the relationship of *Acer glabrum* (Rocky Mountain maple) to fire--how fire affects the species and its habitat, effects of the species on fuels and fire regimes, and fire management considerations. Information is also provided on the species' taxonomy,

distribution, basic biology, ...  
Author(s): Michelle B. Anderson  
Year Published: 2001  
Type: Document  
Synthesis

### **Comparisons of particulate-emissions and smoke impacts from presettlement, full suppression, and prescribed natural fire period in the Selway-Bitterroot Wilderness**

[www.nrfirescience.org/resource/8216](http://www.nrfirescience.org/resource/8216)

Total particulate matter (PM) emissions were estimated for recent fires (1979-1990) and the presettlement period (prior to 1935) in the Selway-Bitterroot Wilderness (SBW) in Idaho and Montana. Recent period emissions were calculated by 10-day periods for surface fire and crown fire based on estimates of percentage fuel consumption...

Author(s): James K. Brown, Larry S. Bradshaw  
Year Published: 1994  
Type: Document  
Book or Chapter or Journal Article

### **Comparing the prescribed natural fire program with presettlement fires in the Selway-Bitterroot Wilderness**

[www.nrfirescience.org/resource/8217](http://www.nrfirescience.org/resource/8217)

The severity and extent of recent fires (1979-1990) were compared with that of presettlement fires (pre-1935) by eight major forest types in the Selway-Bitterroot Wilderness (SBW) in Idaho and Montana. Presettlement fire intervals were determined for estimating area burned. Presettlement annual area burned for the entire SBW was 4,...

Author(s): James K. Brown, Stephen F. Arno, Stephen W. Barrett, James P. Menakis  
Year Published: 1994  
Type: Document  
Book or Chapter or Journal Article

### **Sorbus sitchensis (Sitka mountain-ash)**

[www.nrfirescience.org/resource/10781](http://www.nrfirescience.org/resource/10781)

This FEIS species review synthesizes information on the relationship of *Sorbus sitchensis* (Sitka mountain-ash) to fire--how fire affects the species and its habitat, and fire management considerations. Information is also provided on the species' taxonomy, distribution, basic biology, and general management. This species review can...

Author(s): Robin F. Matthews  
Year Published: 1993  
Type: Document  
Synthesis

### **Sprouting of northern Idaho shrubs after prescribed burning**

[www.nrfirescience.org/resource/7959](http://www.nrfirescience.org/resource/7959)

Description not entered

Author(s): Thomas A. Leege, W. O. Hickey  
Year Published: 1971  
Type: Document  
Book or Chapter or Journal Article