

## Obsidian Creek 21

Continued next page



OBCR21\_1983\_7.11



OBCR21\_1993\_8.29



OBCR21\_2009\_1730



OBCR21\_1983\_7.12



OBCR21\_1993\_8.30



OBCR21\_2009\_1733



OBCR21\_1983\_7.13



OBCR21\_1993\_8.31



OBCR21\_2009\_1747



OBCR21\_1983\_7.14



OBCR21\_1993\_8.32



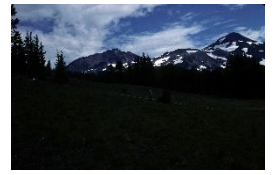
OBCR21\_1983\_7.15



OBCR21\_1993.8.24



OBCR21\_2009\_1749



OBCR21\_1983\_7.16



OBCR21\_1993\_8.22



OBCR21\_2009\_1752

Thumbnail images are labelled by transect code, year, and photo number. Full size images with captions follow on subsequent pages.

## Obsidian Creek 21 (cont.)



OBCR21\_1983\_7.17



OBCR21\_1993\_8.23



OBCR21\_2009\_1756



OBCR21\_1983\_7.19



OBCR21\_1993\_8.25



OBCR21\_2009\_1735



OBCR21\_1983\_7.20



OBCR21\_1993\_8.26



OBCR21\_2009\_1737



OBCR21\_1983\_7.21



OBCR21\_1993\_8.27



OBCR21\_2009\_1740



OBCR21\_1983\_7.22



OBCR21\_1993\_8.28



OBCR21\_2009\_1743

Thumbnail images are labelled by transect code, year, and photo number. Full size images with captions follow on subsequent pages.





OBCR21\_1983\_7.11, Azim. 222: Taken 5 m from meter mark 6 in forest; transect line to the R. Note large TSME and large TSME/ABLA2 snags; understory LUHI/RULA.



OBCR21\_1993\_8.29. See next page for 2009.



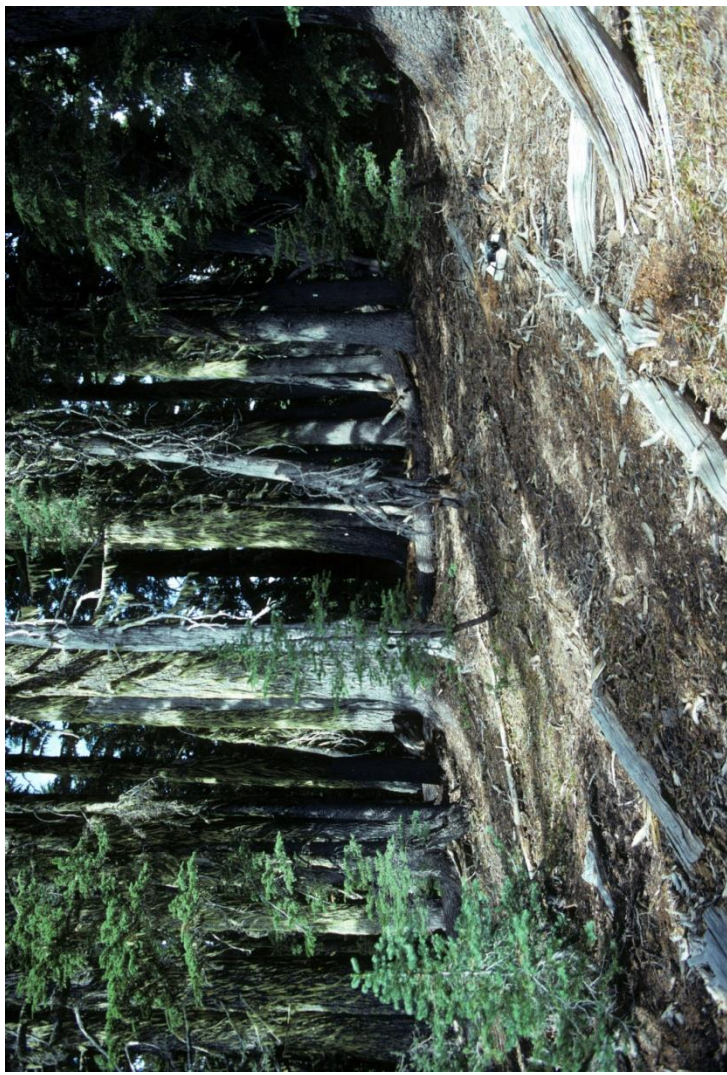


OBCR21\_2009\_1730. Note snag on the R has lost its bark.



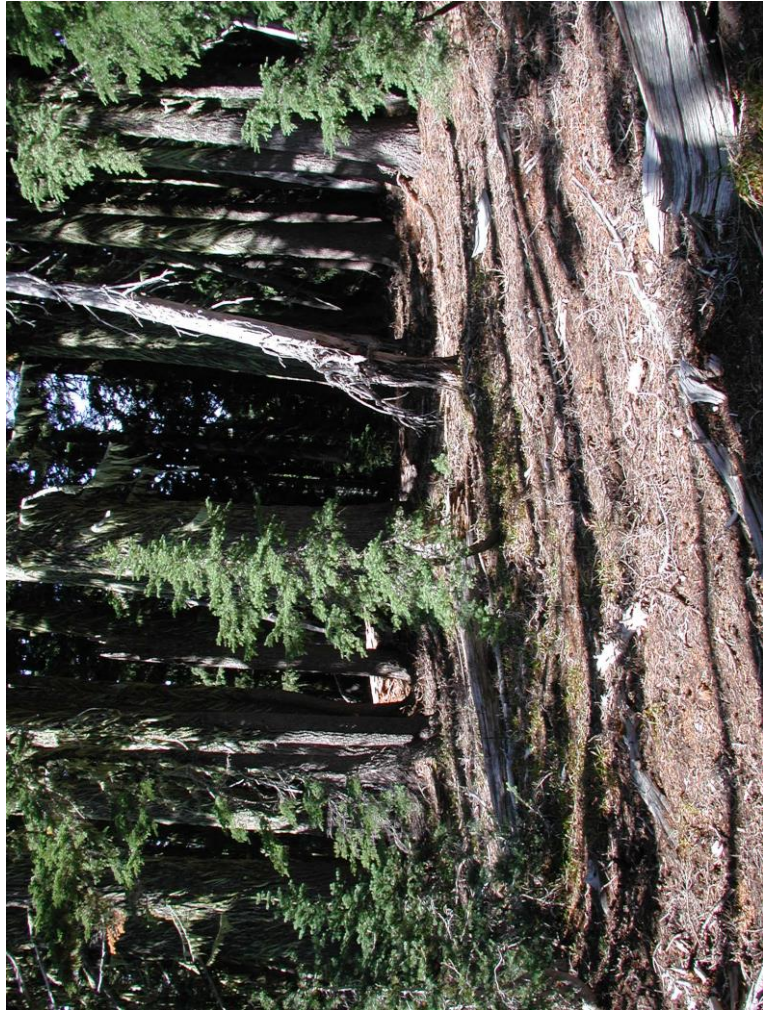


OBCR21\_1983\_7.12, Azim. 360: Taken ~8 m from 18 m mark; groups of smaller and larger trees; lots of CWD; minimal ABLA2 reproduction; flasher on tree #6620; closest large TSME is #6632.



OBCR21\_1993\_8.30. See next page for 2009.





OBCR21\_2009\_1733

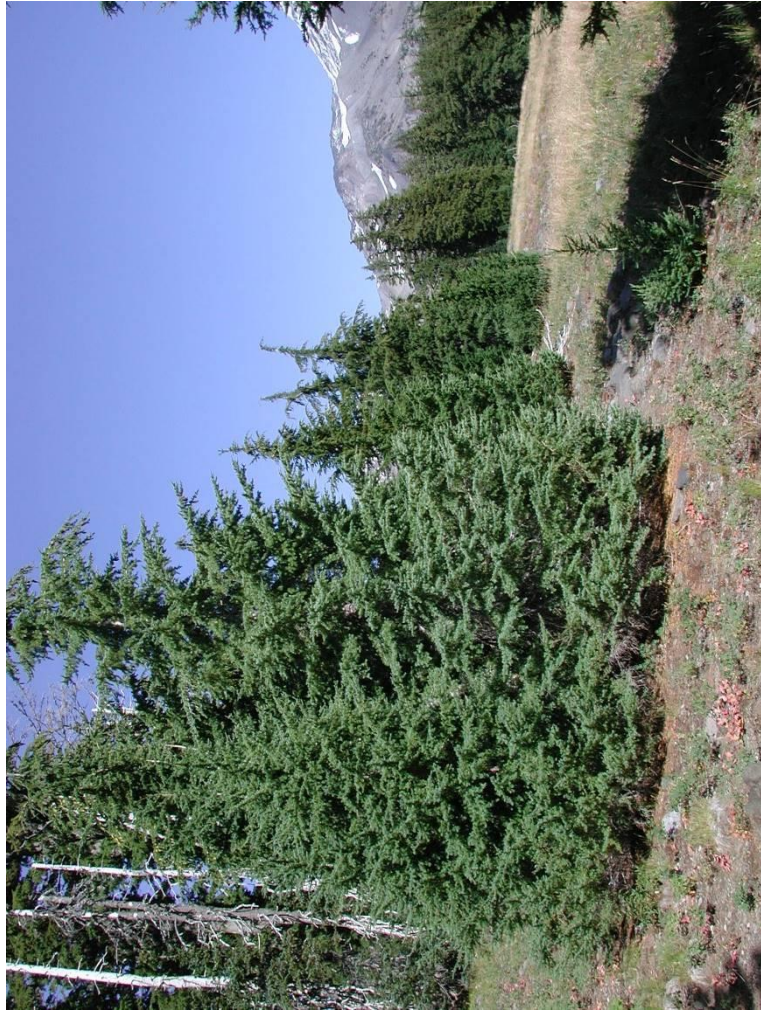


OBCR21\_1983\_7.13, Azim. 90: Taken from largest boulder, perpendicular to rebar #2 @ 30 m; forest edge with lobe of ABLA2. Note PIAL, dead ABLA2s, TSME reproduction in foreground.



OBCR21\_1993\_8.31. See next page for 2009.





OBCR21\_2009\_1747. Closer to tree clump than in 1983 or 1993.





OBCR21\_1983\_7.14, Azim. 112: Forest edge; note TSMIEs not in the transect and PIAL beyond it; rocky FEVI-LULA at edge.



OBCR21\_1993\_8.32. No 2009 photo.





OBCR21\_1983\_7.15, Azim. 54: Taken perpendicular to meter tape at meter mark 54 where TSME reproduction is. Note forest edge with rocky LULA/SIHY; ABLA2 edge with a few PIAL and TSME in center.



OBCR21\_1993\_8.24. See next page for 2009.





OBCR21\_2009\_1749



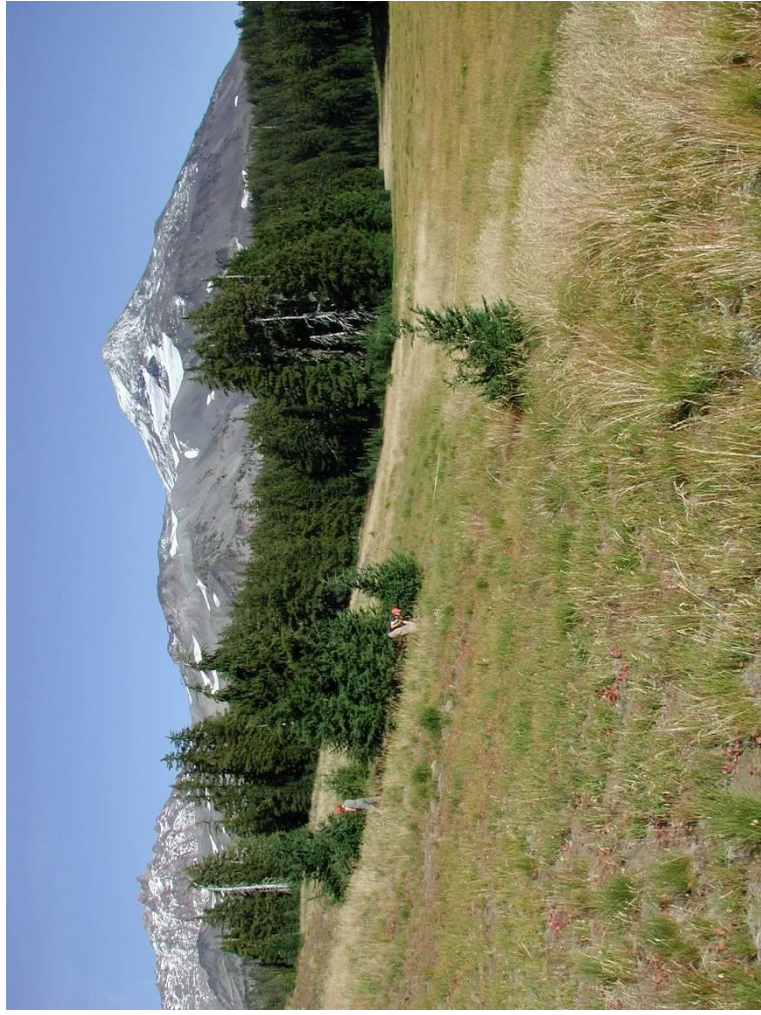


OBCR21\_1983\_7.16, Azim. 94: Reproduction on both sides of transect in more rocky openings with concavities in forest edge; FEVI meadow here.



OBCR21\_1993\_8.22. See next page for 2009.





OBCR21\_2009\_1752

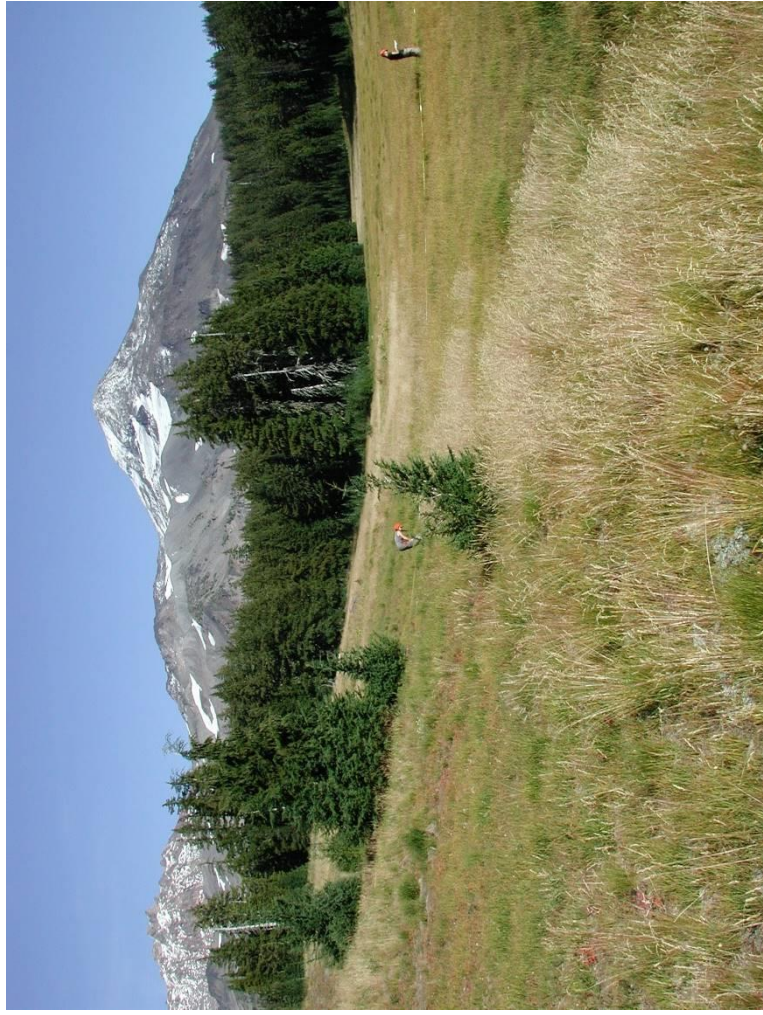




OBCR21\_1983\_7.17, Azim. 122: Dan Luoma with TSMIE reproduction at base of slope;  
FEVI with CASP creeping up the side.



OBCR21\_1993\_8.23. See next page for 2009.



OBCR21\_2009\_1756





OBCR21\_1983\_7.19, Azim. 14: From rebar #3 @ 60 m up the transect line. Note lone TSME invader and progressively more rocky substrate at ecotone edge. Note ABLA2 front at forest edge; many individuals with upturned leaders from prone branches.



OBCR21\_1993\_8.25, Azim. 14: Note new conifers have established in front of larger invader; significant horse trampling/grazing of vegetation. See next page for 2009.





OBCR21\_2009\_1735. New recruits in 1993 have grown significantly.





OBCR21\_1983\_7.20, Azim. 194: From rebar #3 @ 60 m down the transect line to rebar #4 @ 90 m. Note almost pure CASP meadow. Few invading trees from the opposite slope; invasion limited to rocky substrates.



OBCR21\_1993\_8.26, Azim. 194: Note horse trampling. Rock is at 70.2 m. See next page for 2009.

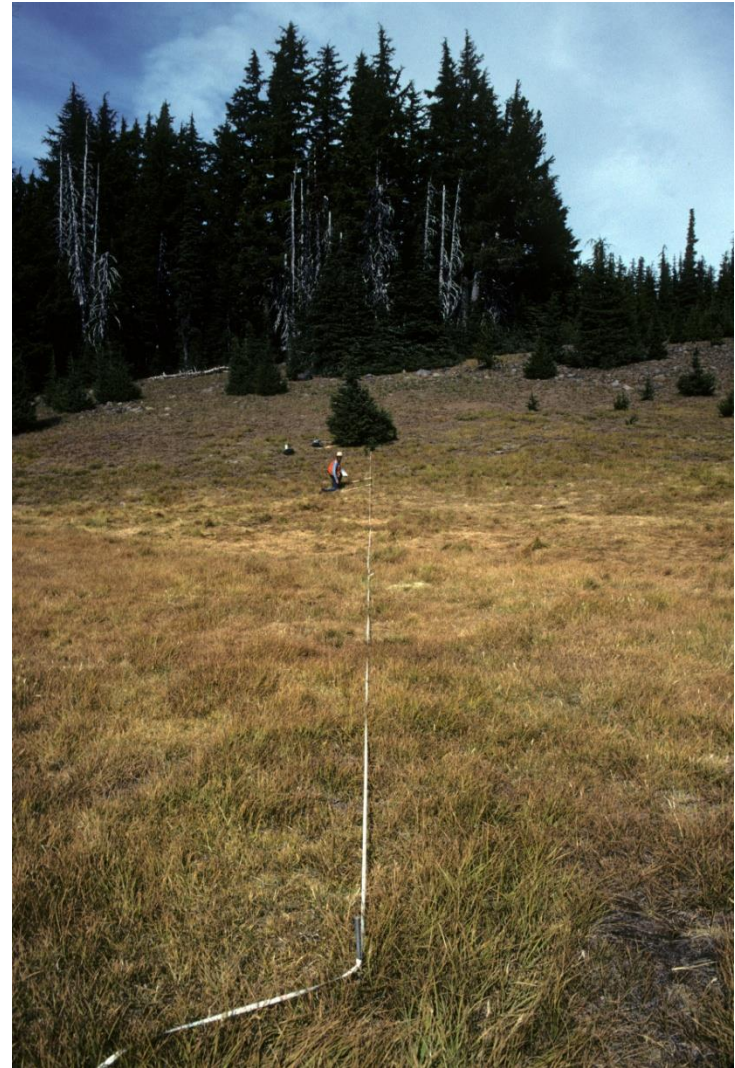


OBCR21\_2009\_1737





OBCR21\_1983\_7.21, Azim. 14: From rebar #4 @ 90 m up the transect line. Note break in slope and change from CASP to CANI2 to FEVI-CASP. ABLA2 invasion front and TSME clumps to R and L of transect; occasional PIAL; TSME at 54 m.



OBCR21\_1993\_8.27, Azim. 194: Note horse trampling, horse droppings at 70.2 m; phenologically advanced vegetation. See next page for 2009.



OBCR21\_2009\_1740





OBCR21\_1983\_7.22, Azim 194: from rebar #2 @ 30 m down transect line; rocky LULA/SIHY in front grades to FEVI and FEVI/CASP to pure CASP with some patches of CANI2 in gravelly, alluvial flat. Vertical orientation of photos differs between 1983 and 1993 photos



OBCR21\_1993\_8.28. See next page for 2009.



OBCR21\_2009\_1740