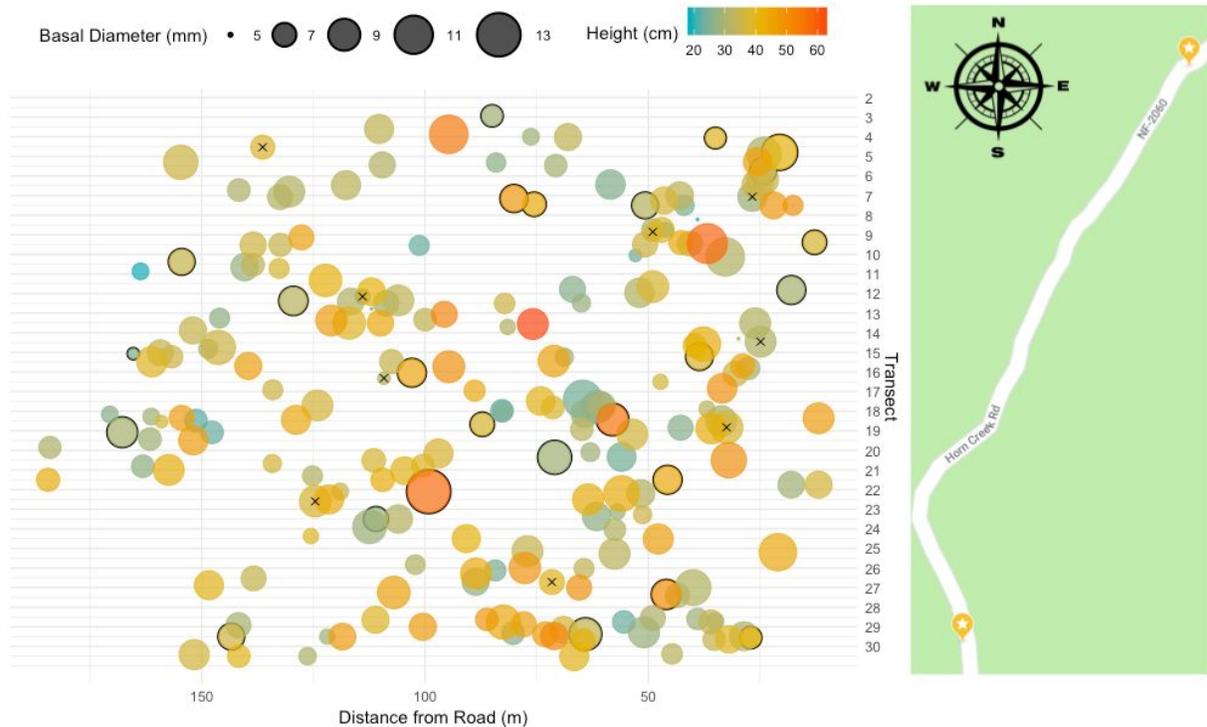


**Seedling Survey Update.** On September 22, 2018, students from Reed College surveyed blister rust-resistant *Pinus lambertiana* seedlings planted as part of ongoing management by the Ashland Forest Resiliency Project. Surveys were completed by establishing 30 line transects through an area planted with 1000 seedlings in April 2018. Transects were spaced at 10 m intervals along Horn Creek Rd. and ran due west from the road to a terminal distance of 200 m. All seedlings within a meter of the transect centerline were surveyed for basal diameter, height, survival, herbivory, and new growth. In addition, a subset of seedlings were GPS-tagged to allow for relocation in future surveys. Seedlings surveyed had a survival rate of ~ 96% (Fig. 1). Size and survivorship were relatively evenly distributed across the site (Fig.2).



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**Figure 1.** The proportion of *Pinus lambertiana* seedlings alive at time of fall 2018 survey.



**Figure 2.** Distribution and size of *Pinus lambertiana* seedlings across the survey plot. Each line transect originates from Horn Creek Rd and heads due west approx. 200m from the road. The basal diameter of each seedling is indicated by the size of the symbol and the height is indicated by the color, with warmer colors indicating taller seedlings. Circles bordered with a black line indicate GPS-tagged individuals, whereas those marked with 'x' indicate dead seedlings.

