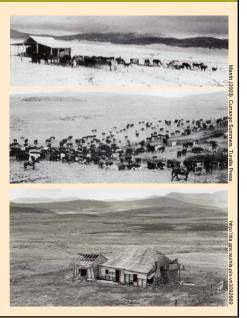
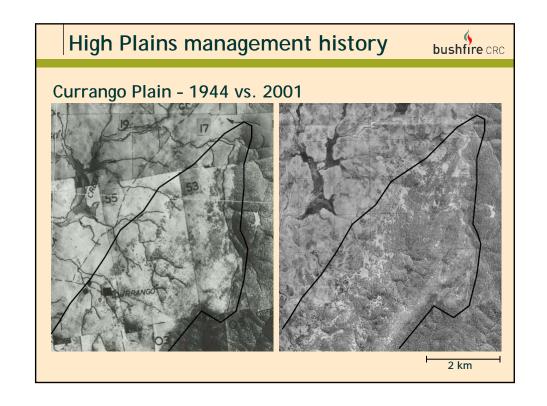


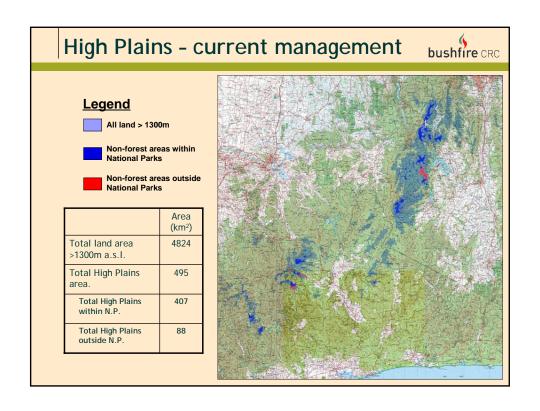
# High Plains management history

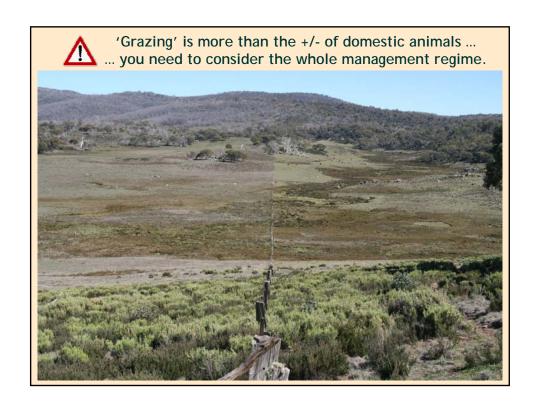


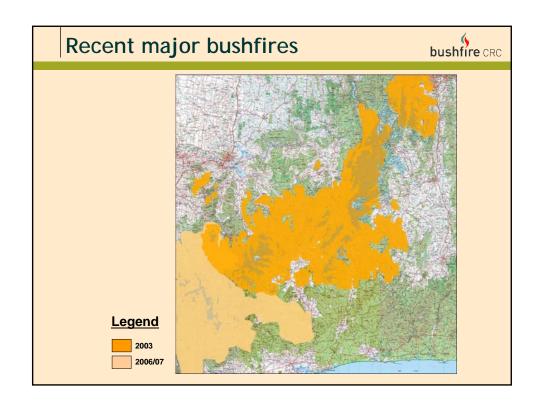
- The High Plains 'snow-belt' was used seasonally for cattle and/or sheep grazing.
- Grazing commenced ~1840, and ceased in NSW ~1970, and more recently in Victoria.
- Grazing was often combined with fire to remove 'rank' pasture, and promote 'green pick'.
- Lessees sometimes required to fence + clear vegetation for pasture improvement
- The landscapes are still responding to the changed management regime.

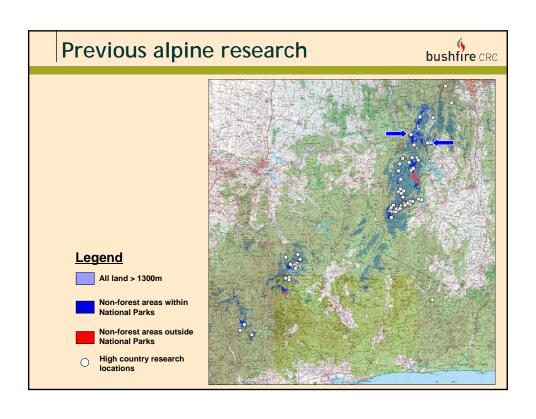




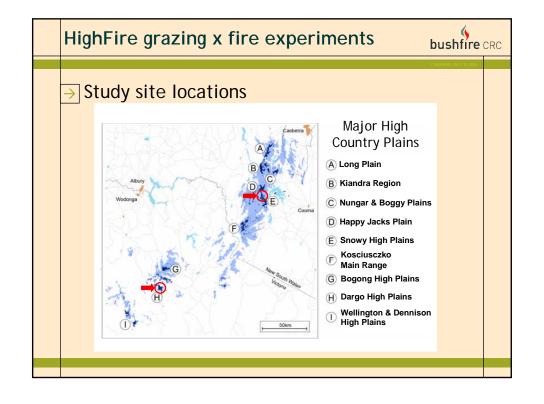


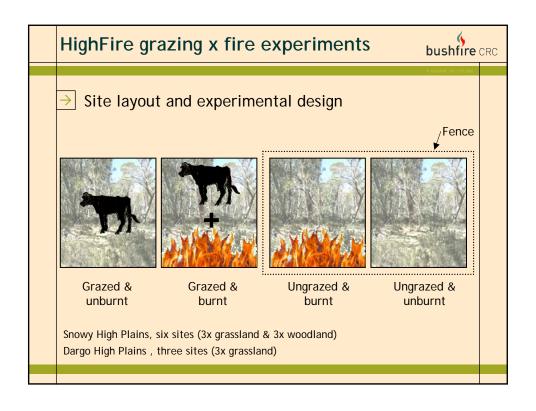


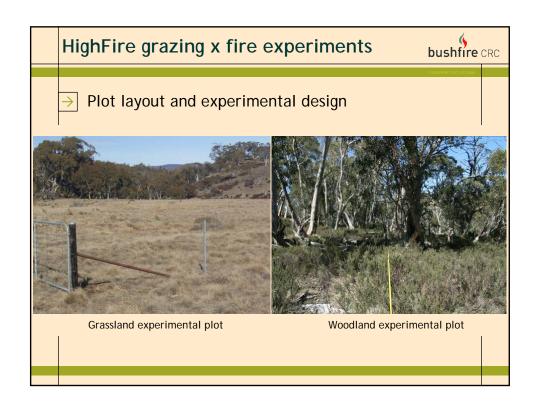




## HighFire grazing x fire experiments bushfire CRC → Aims To extend the existing research on subalpine vegetation dynamics and fire response through investigating the: - Interactive effects of fire and grazing - the responses of vegetation structure and ecosystem physiology, in addition to vegetation composition and biodiversity. • To establish and sustain a long-term field experimental and monitoring program, for both research and teaching • To provide a scientific basis for advising land owners on the implications of different grazing land management options.



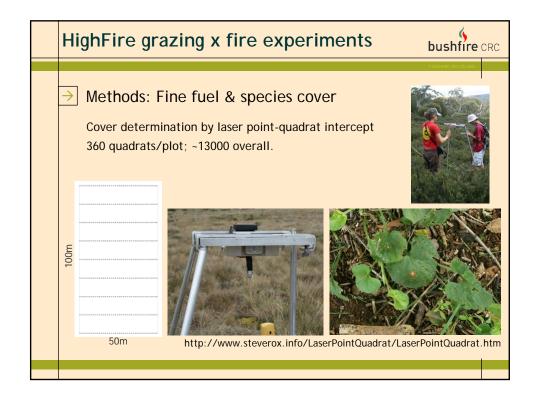


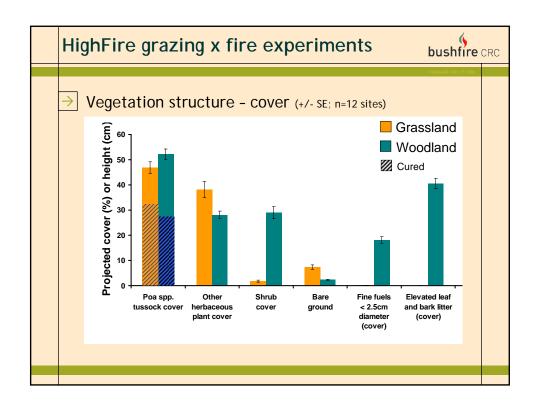


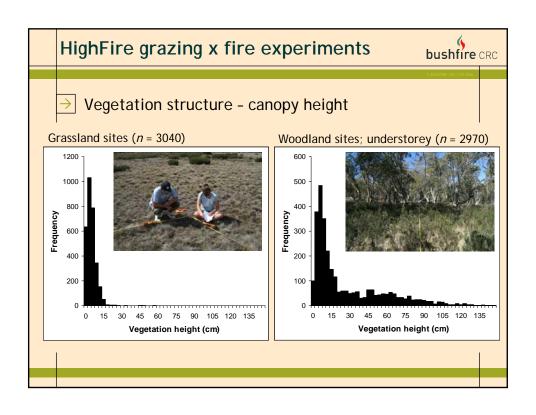


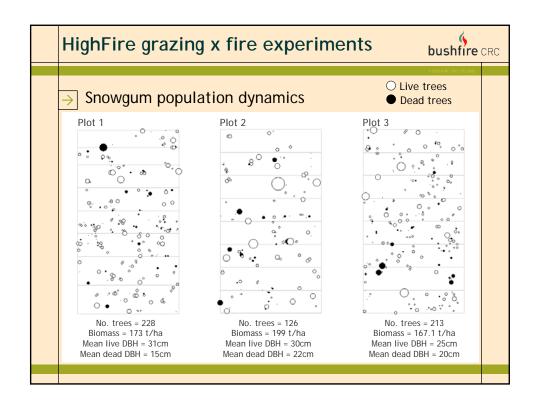


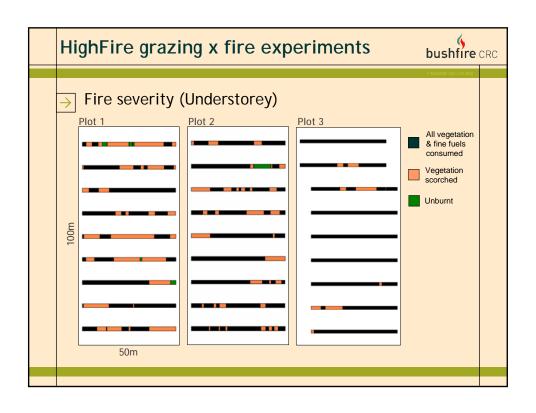
# HighFire grazing x fire experiments → Data collection → Fine & coarse woody (dead) fuel loads (leaf, bark, fine 0-6mm; 6-10mm; 10-25mm; >25mm). → Species cover, height and composition → Tree mapping and diameter measurements → Shrub understorey composition & structure → Soil chemistry → Permanent photopoints











## HighFire grazing x fire experiments



### → Progress summary

- > Experimental plots are established, and baseline data collected.
- Cattle excluded in November 2006; First experimental burns applied in March 2007.
- ➤ The first teaching field camp was run at the Snowy Plains site (March 2007).
- Full re-survey over the 2007/2008 season, and beyond ...



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