

# ↓ Increase the Deadwood Pool

- Keep snags, create snags, and consider future snags/DWD, create more downed wood by felling and leaving
- Consider a range of size classes (larger is better), species and conditions
- Leave as many tops as possible

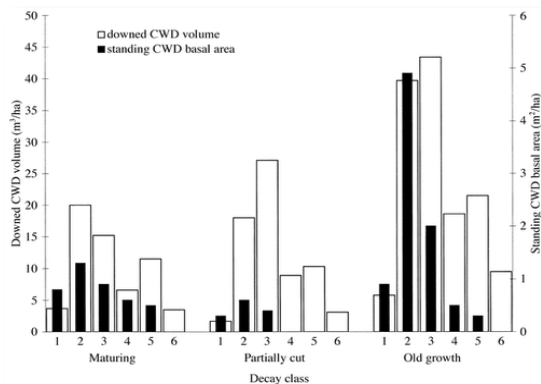
## Benefits

- Increase carbon stocks on site (deadwood)
- Protects litter and soil pools; may add carbon to them over time
- Can increase sequestration of remaining trees depending on strategy used
- Good for resilience – deadwood can hold water, shade/protect soils and roots, trap duff, cycle nutrients, promote biodiversity (fungal diversity, wildlife habitat), prevent herbivory of regen

## Considerations

- Initial decline of stand carbon sequestration potential if live trees are cycled to deadwood pool
- High influx of deadwood may increase emissions from activation of microbial community
- Can make it more difficult for access

Older forests have more deadwood across range of sizes and decay classes



Source: McGee et al. (1999)

