



Comparison of western redcedar and yellow-cedar growth under different silvicultural systems

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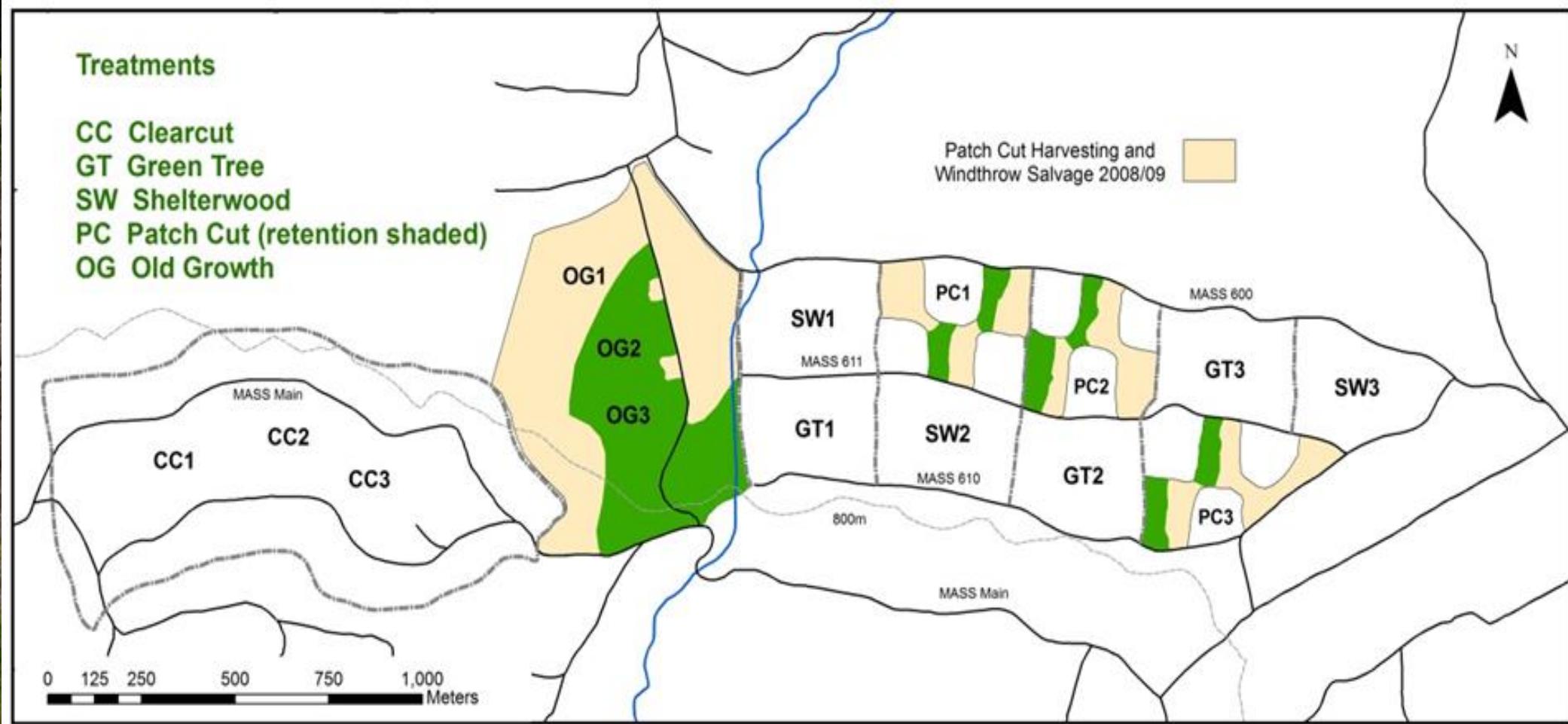
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Montane CWHmm2 variant



MASS Study Area



MASS Treatments



Clearcut - 69 ha



Patch Cuts 1.5 to 2 ha



GT Retention - 25 sph



Shelterwood – 25% b.a.

2003
Year 10

MASS Treatments



Clearcut - 69 ha



Patch Cuts 1.5 to 2 ha



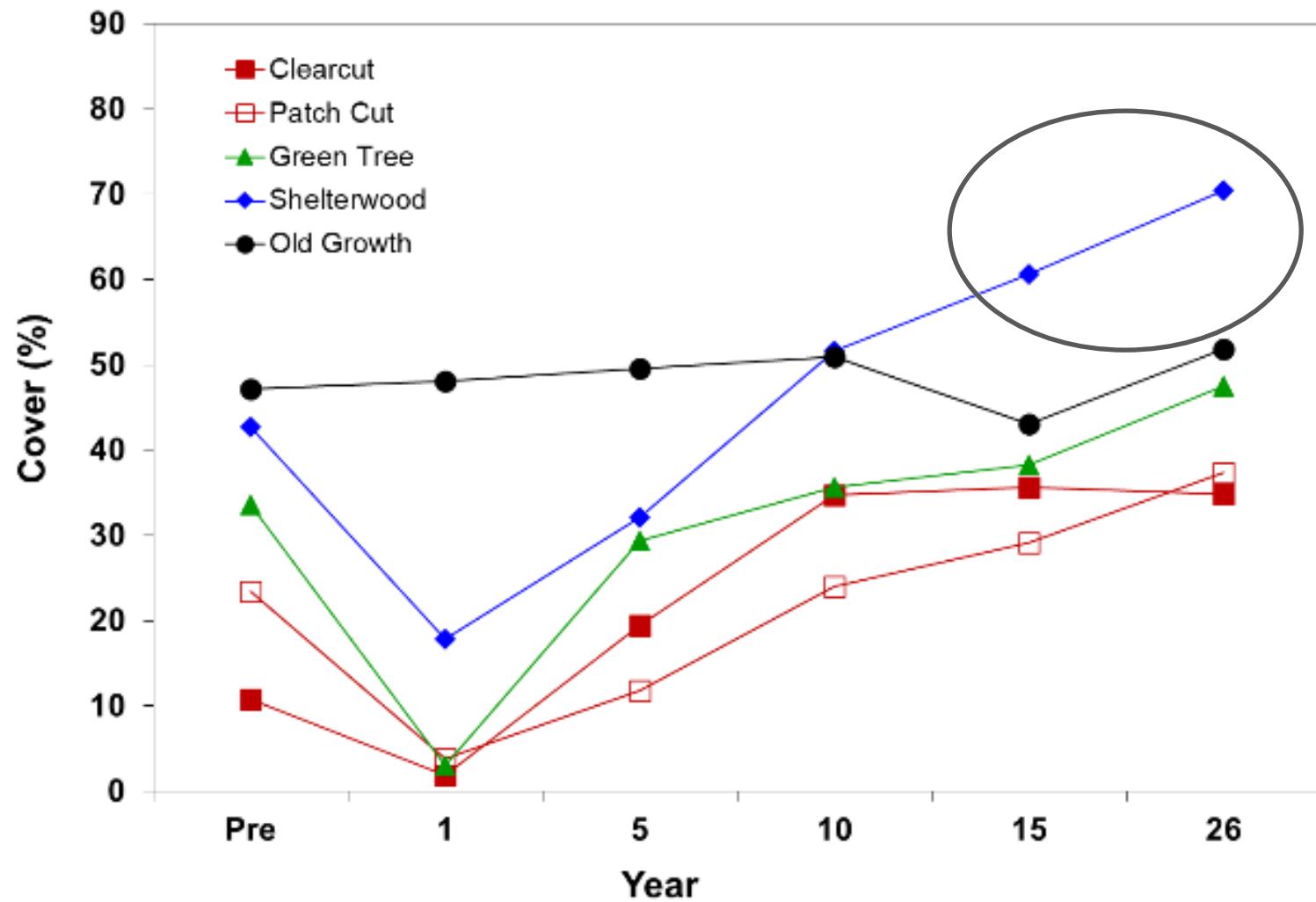
GT Retention - 25 sph



Shelterwood – 25% b.a.

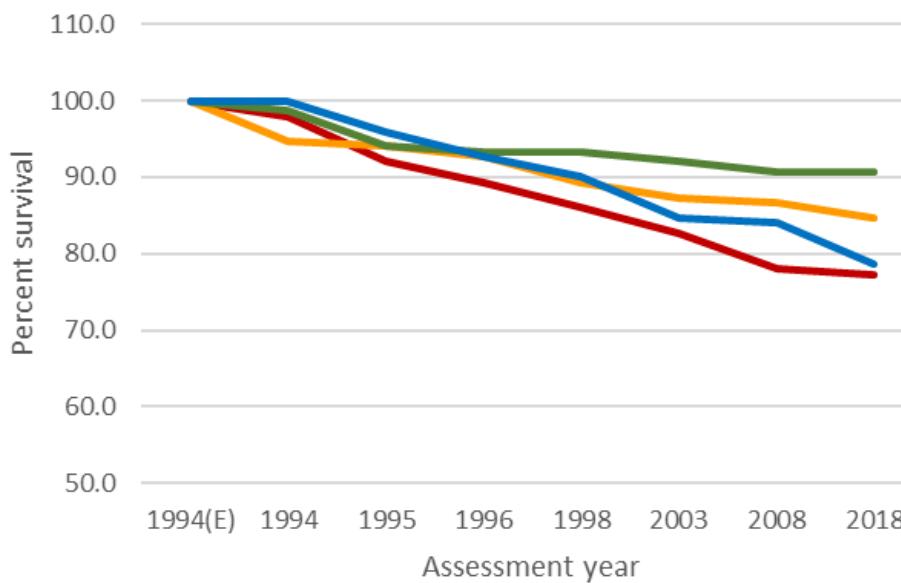
**2021
Year 28**

Shrub cover

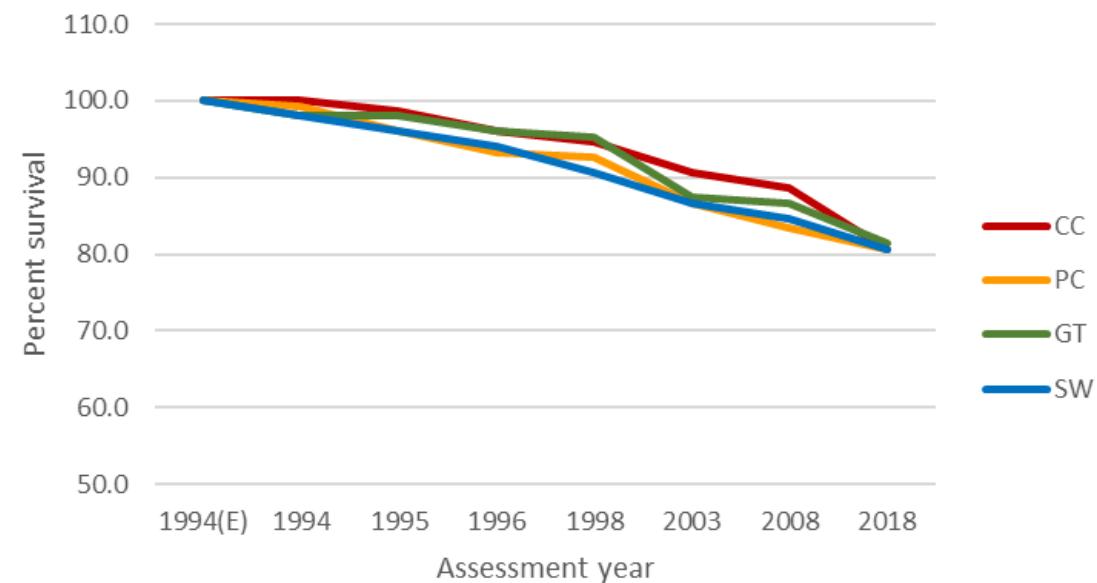


Survival

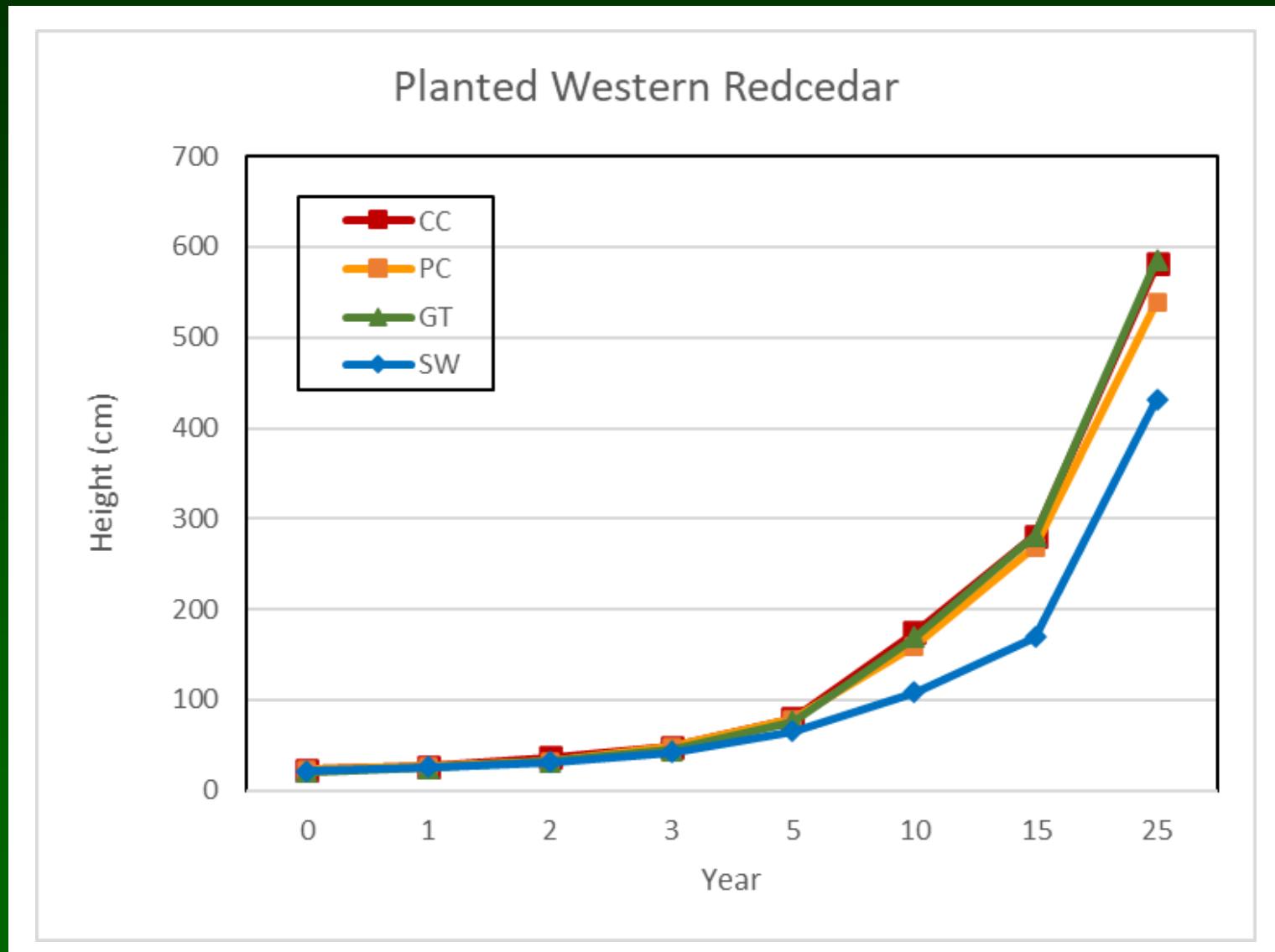
Western redcedar



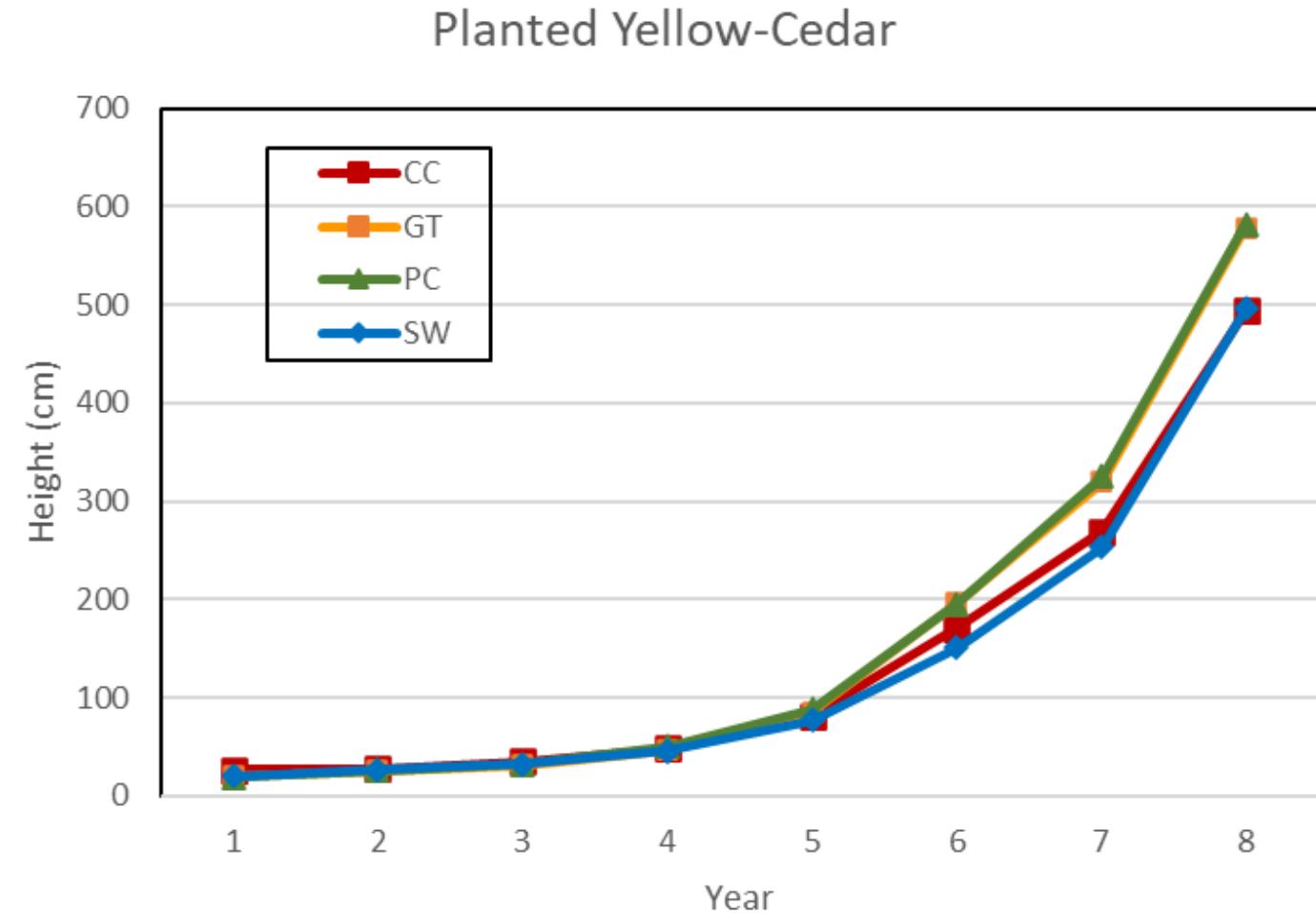
Yellow-cedar



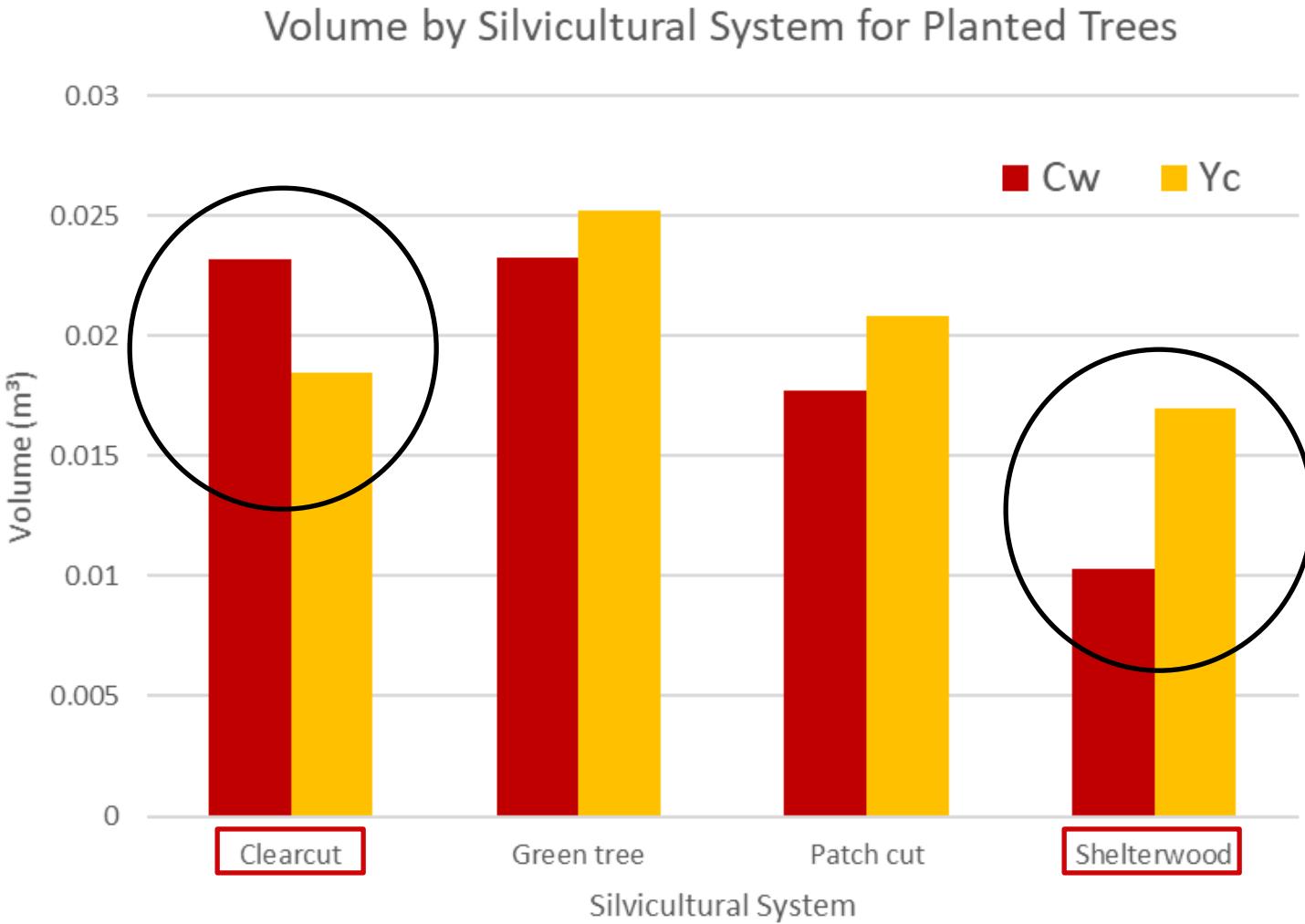
Cw Height



Yc Height

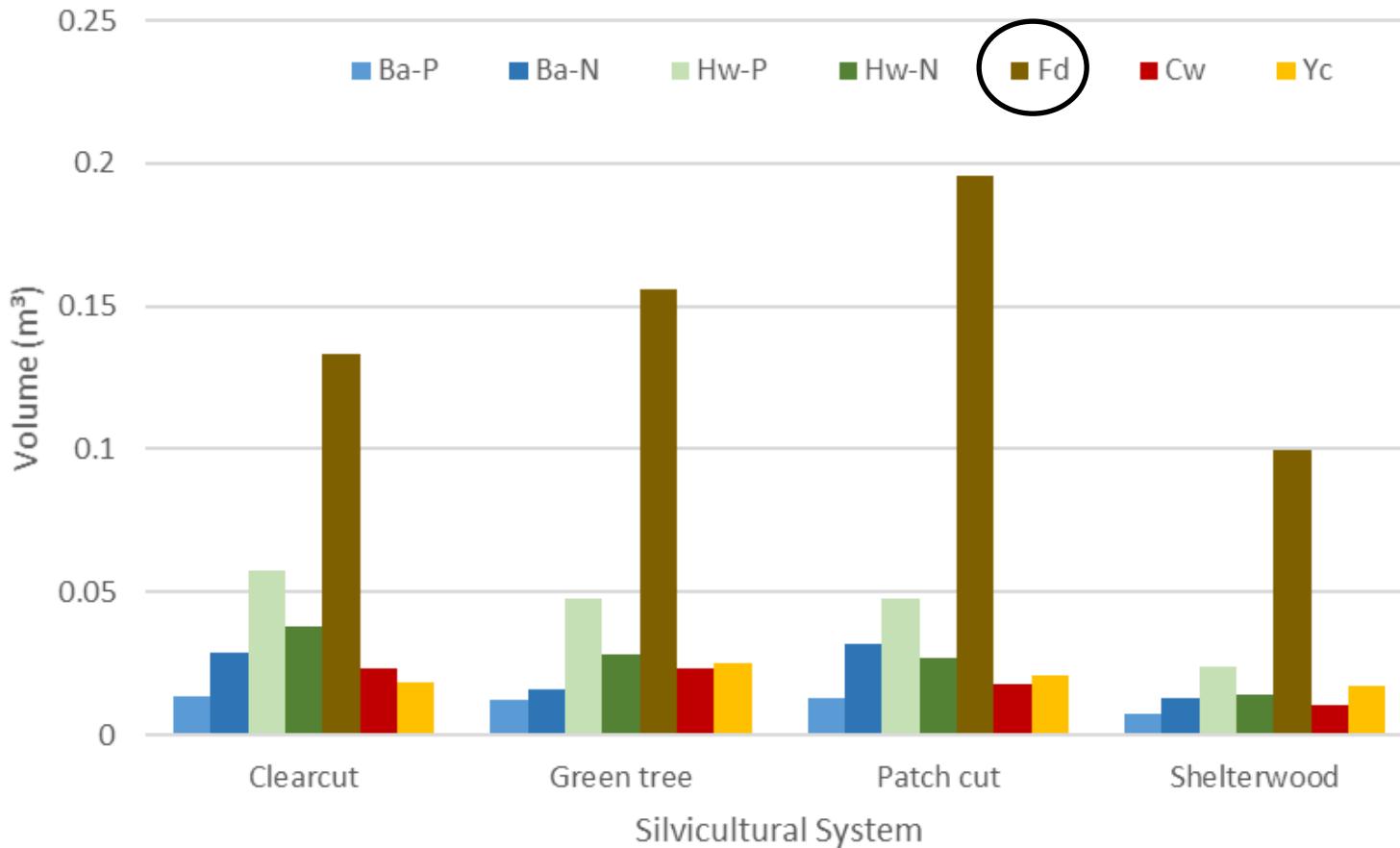


Volume @ 25 years



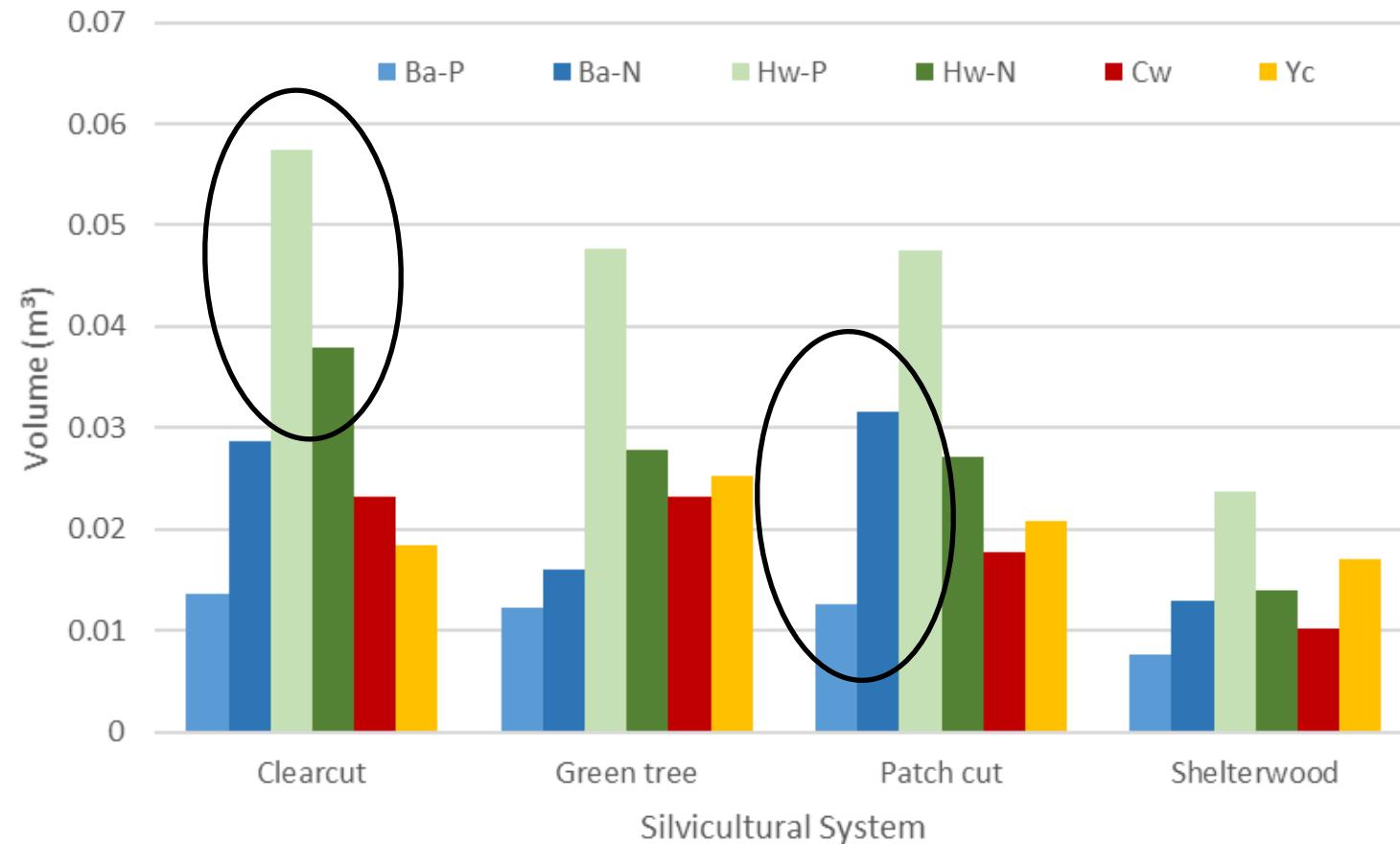
Volume @ 25 years

Volume by Silvicultural Treatment for all Species, Planted and Naturals



Volume @ 25 years

Volume by Silvicultural Treatment for all Species, Planted and Naturals





Conclusions

- **SURVIVAL (25-yr):**
 - Yc consistent (80%), no SS effect
 - Cw variable (78 – 90%), SS random
- **GROWTH (25 yr height & volume)**
 - Cw > Yc in Clearcut
 - Yc > Cw in Shelterwood
 - SS had more effect on Cw (CC > SW)



Questions?

