

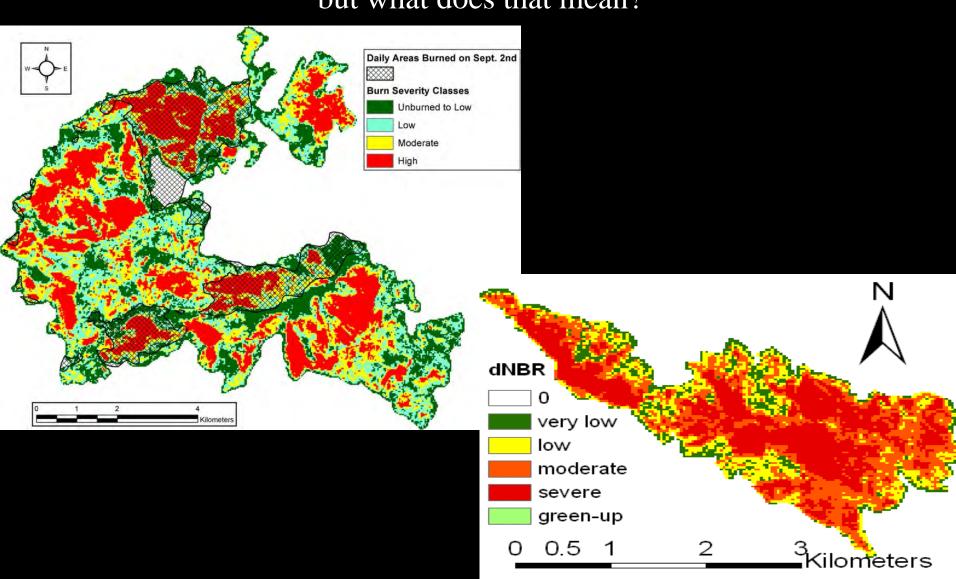
Figure from: National Geographic; Data adapted from Dennison et al. 2014



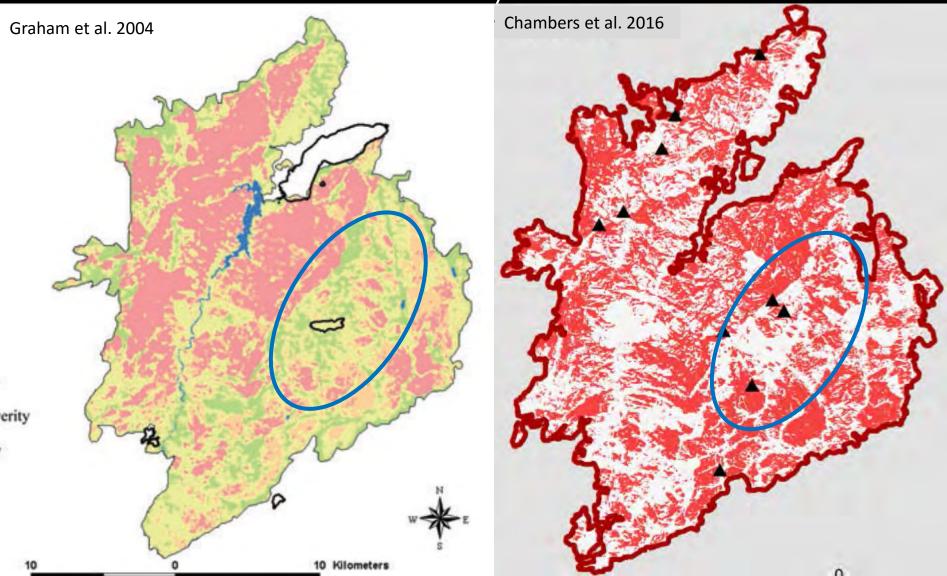


All fires are mixed severity fires

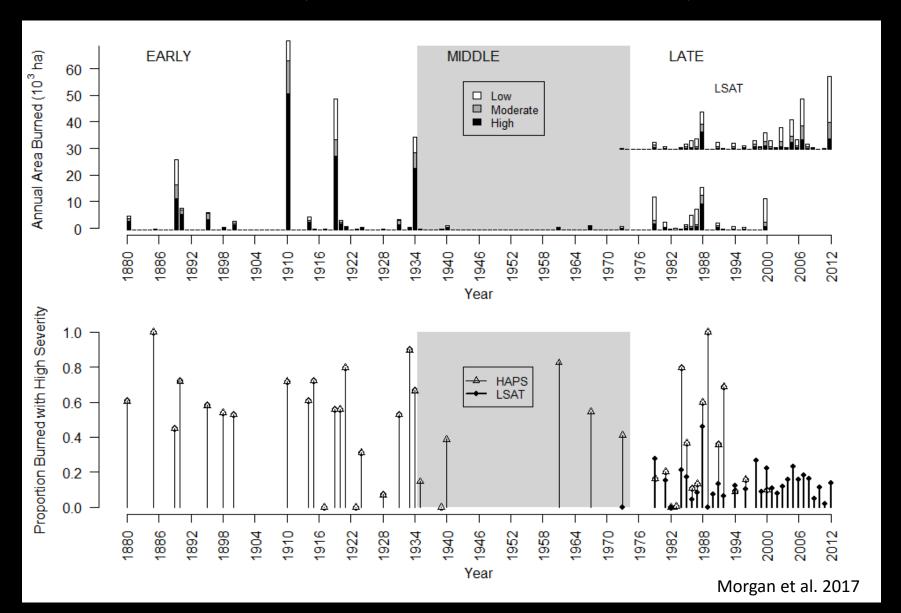
but what does that mean?



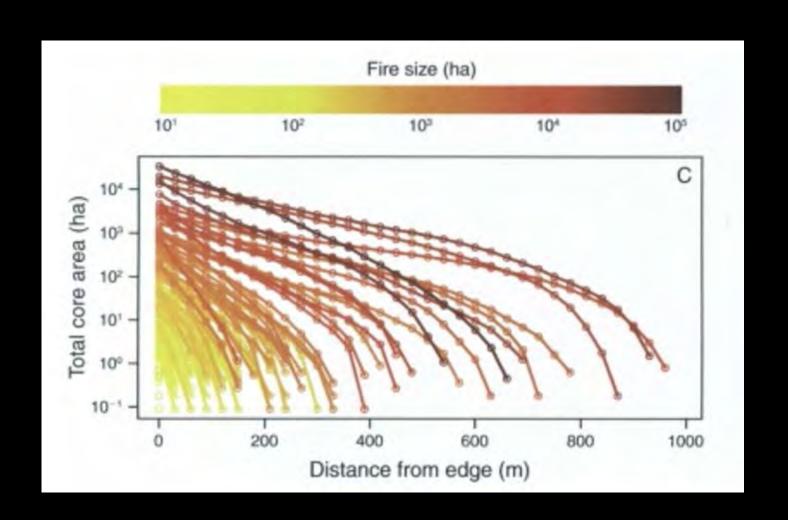
Assessing the meaning of mixed severity fires



Patch size (Northern Rockies)



Patch size (Pacific Northwest)





Post-fire recovery (Rockies)

Seed Availability



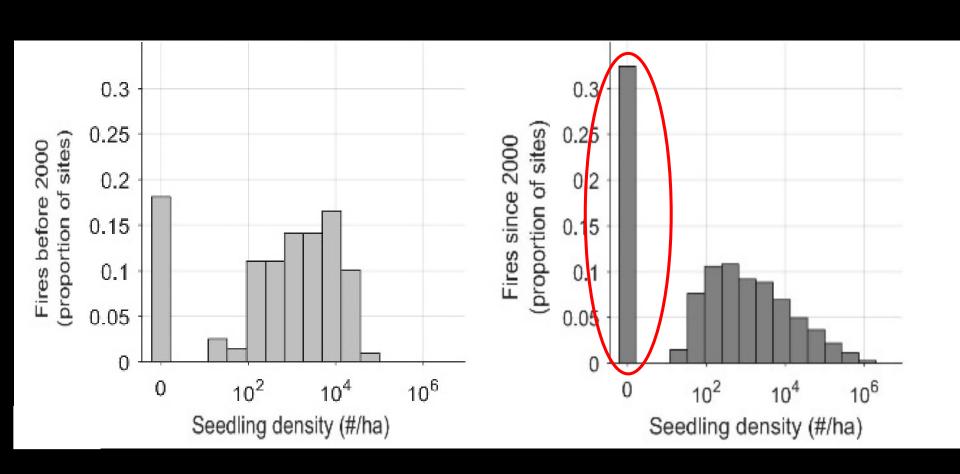
Average climate



Post-fire climate



When will these burned area be suitable again?

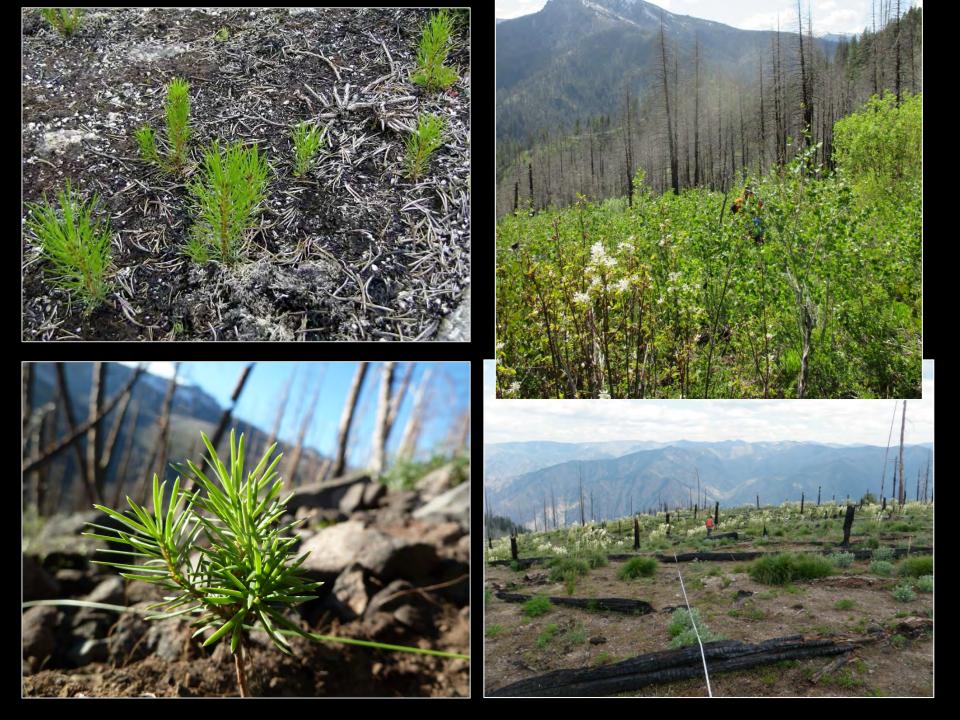


Post-fire recovery (Pacific Northwest)

- Only 8% of trees establishment within 20 years
- Limited regeneration \neq persistent shrublands.
- Continuous regeneration through many decades postfire

Past forest development appears resilient





Repeated fires: improving or diminishing habitat?



(a)



Creating resistant landscapes with fire

- Mosaic landscapes improve the ability to suppress fires and for fires to burn less severely
- Proportion of area burned severely
- Size of high severity patches
- All burned areas may not serve well as habitat
- Wildfire use may serve to promote conducive habitat and reduce risk of detrimental high severity fires

