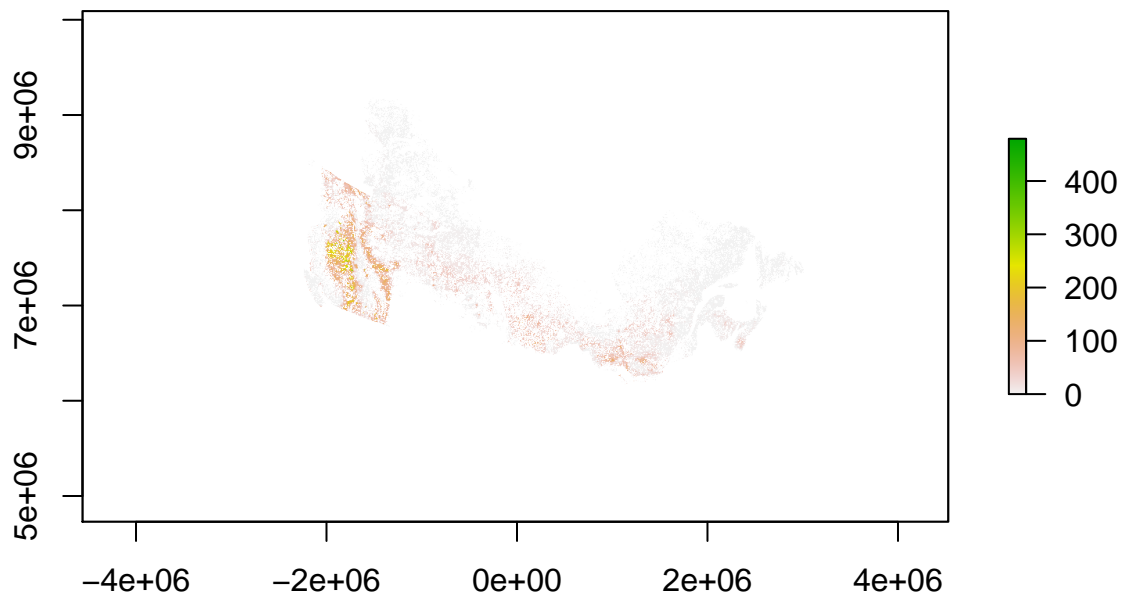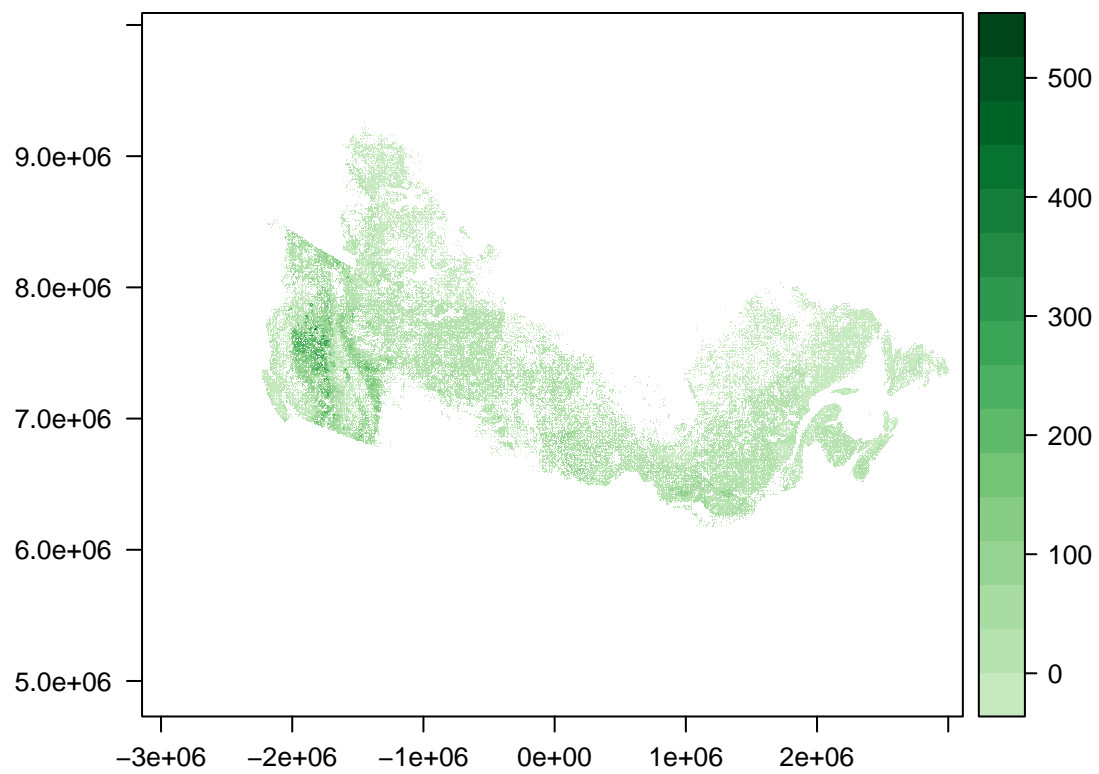# Pine maps

Alex Chubaty

January 20, 2017

Yemshanov pine map

From Yemshanov, McKenney, and Pedlar (2012).

Plotting using `raster` package looks OK but not great:
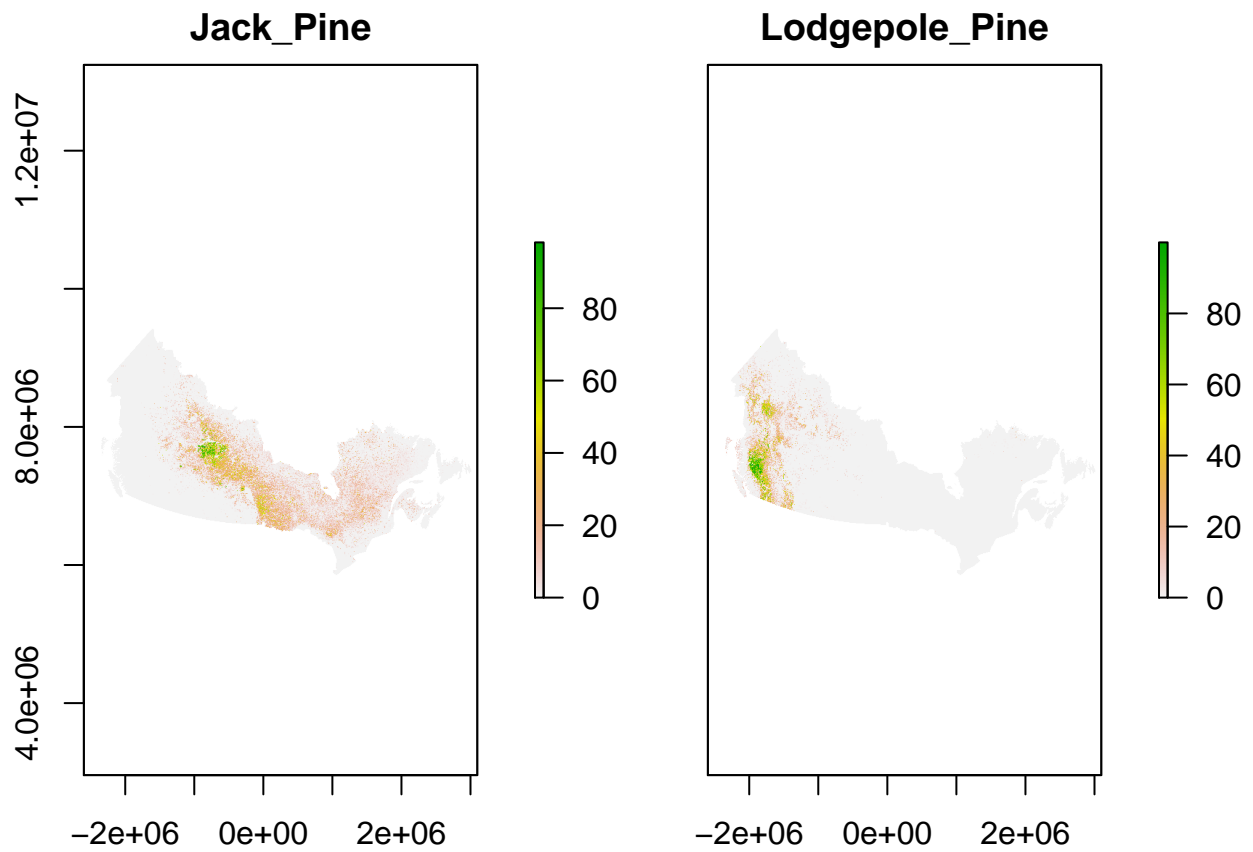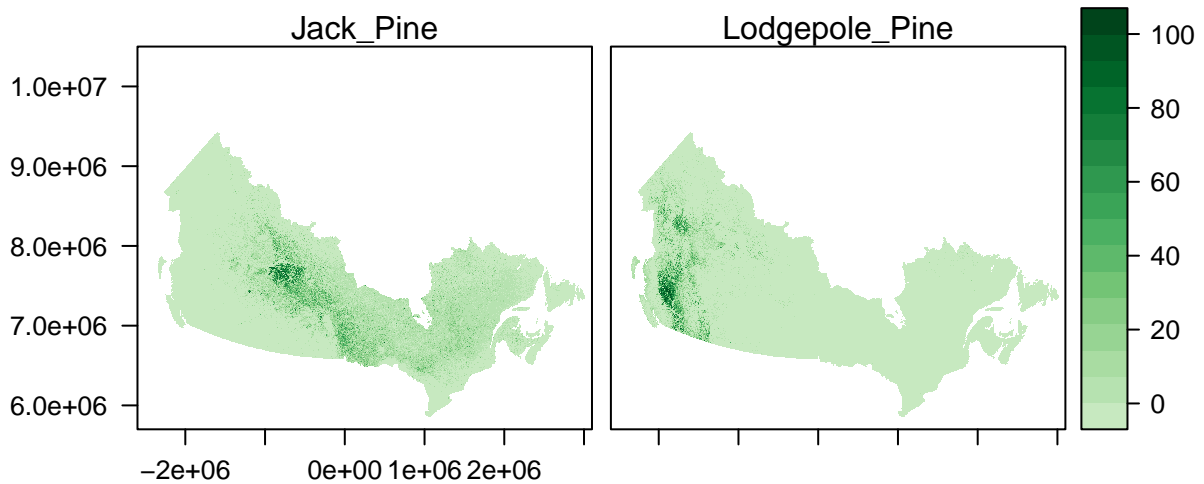

Using `rasterVis` package, it's much nicer:

Beaudoin et al. kNN pine map

From Beaudoin et al. (2014).

Plotting using `raster` package looks OK but not great:

Jack_Pine

Lodgepole_Pine

Using `rasterVis` package, it's much nicer:

References

Beaudoin, A, P Y Bernier, L Guindon, P Villemaire, X J Guo, G Stinson, T Bergeron, S Magnussen, and R J Hall. 2014. "Mapping attributes of Canada's forests at moderate resolution through kNN and MODIS imagery." *Canadian Journal of Forest Research* 44: 521–32. doi:10.1139/cjfr-2013-0401.

Yemshanov, Denys, Daniel W. McKenney, and John H. Pedlar. 2012. "Mapping forest composition from the Canadian National Forest Inventory and land cover classification maps." *Environmental Monitoring and Assessment* 184 (8): 4655–69. doi:10.1007/s10661-011-2293-2.