

Saint Edward State Park

- 316-acre state park
- Elevation: <50 ft to 350 ft
- 3,000 feet of shoreline – last major undeveloped shoreline on Lake WA
- Bands of the Snoqualmie & Duwamish tribes had seasonal villages along the shorelines of the lake and associated creeks. They harvested plants, waterfowl, and other aquatic resources and likely used the site.
- Forest on site was initially logged in the late 1800s into the early 1900s (as eastside towns were established). Second growth forest logged in 1930 during construction of seminary buildings.
- Ground dominated by Alderwood series soils

Saint Edward State Park

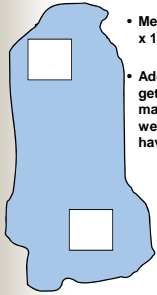
4 major physiographic areas:

1. Riparian corridors (2)
2. Plateau forests
3. Steep slope forests
4. Shoreline forests



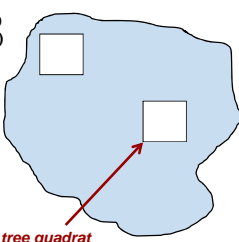
Forest Sampling next Monday – AGE CLASS STRUCTURE

Red alder – sword fern



- Measure DBH of all trees in 10 x 10 quadrats (record species)
- Add more area if needed to get at least 10 trees of each major species (20 is better; we'll see how much time we have)

W. hemlock – sword fern



10 x 10 m tree quadrat

Come prepared for weather & off-trail work

Bring lunch, water, camera

Measure the Diameter at Breast height (DBH) of your trees in your forest stand to create age-class structures

- Age class structures will be covered in lecture on April 27
- Measurements at 1.5 m above the ground surface
- Measure AROUND the tree – the circumference
- Either calculate the diameter or use a DBH tape
- Take care if using a DBH tape (they are marked off in units for diameter even while measuring circumference)

