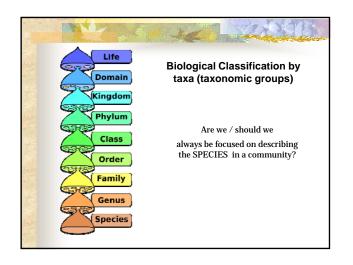
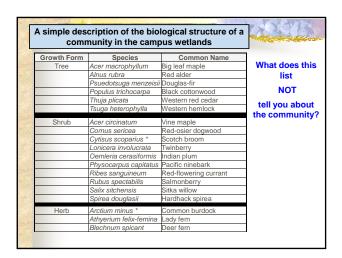
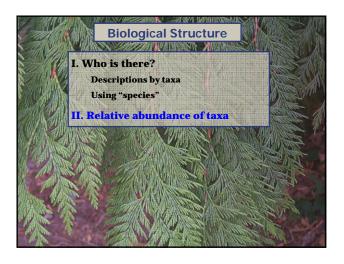
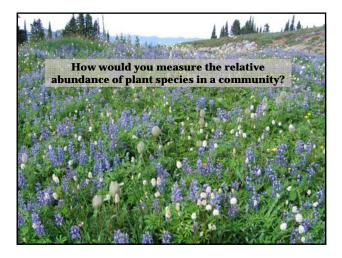


A simple description of the biological structure of a community in the campus wetlands					
Growth Form	Species	Common Name	1		
Tree	Acer macrophyllum	Big leaf maple			
	Alnus rubra	Red alder			
	Psuedotsuga menzeisii	Douglas-fir			
	Populus trichocarpa	Black cottonwood			
	Thuja plicata	Western red cedar			
	Tsuga heterophylla	Western hemlock			
Shrub	Acer circinatum	Vine maple			
	Cornus sericea	Red-osier dogwood			
	Cytisus scoparius *	Scotch broom			
	Lonicera involucrata	Twinberry			
	Oemleria cerasiformis	Indian plum			
	Physocarpus capitatus	Pacific ninebark			
	Ribes sanguineum	Red-flowering currant			
	Rubus spectabilis	Salmonberry			
	Salix sitchensis	Sitka willow			
	Spirea douglasii	Hardhack spirea			
Herb	Arctium minus *	Common burdock			
	Athyerium felix-femina	Lady fern			
	Blechnum spicant	Deer fern	1		









How do we measure the relative abundance of species in a community?

(# / area)

Some common measures of relative abundance

- Number or Density
- Frequency

Cover

• Mass

Productivity

(space it occupies) (weight or weight/area)

(mass produced / time)

(% of samples it is found in)

1	Comparing measures	of species' rela	ative abundance 🚪
	COMMUNITY ATTRIBUTE Density Frequency Cover Mass Productivity	EASE OF <u>MEASURE</u> Easy (?) Easy Moderate Difficult Very difficult	Which measures might best reflect the relative "ecological importance" of species in a community?

	EASE BUTE MEAS	- • ·		
Density	Easy			
Frequency	Easy	Often se	lected	
Cover	Mode			
Mass	Diffic	ult ground s	ground solution	
Productivity	Very o	lifficult		
However, are more a				

