**Plant Community Properties**

(There will be a quiz during this class on Growth and Reproduction and Life Histories)

**Community**

**Association**

**Stand**

**Organismal view of communities**

**Continuum view of communities**

**Modern ideas of community**

Competition

Disturbance

**Physiognomy**

Architecture

Life Forms

Cover and Leaf Are Index

Phenology

**Community Sampling Methods**

Quadrat

Transect

**Community Analysis**

Species Area Curve

Diversity Indices

Richness

Evenness

Other Diversity Indices

**Community Models of Diversity**

Broken Stick Model

Log-normal Model

**Intermediate Disturbance Hypothesis**

**Community Stability**

Resistance

Resilience

Persistence

**Time Scales Matter!**

**Using the Pollen Record**