# Oh Boy it's Biomes!!!

#### Ecosystem vs. Biome

 Biome = A large ecosystem usually named after the predominant vegetation in the region (broad term)

 Ecosystem = A self-regulating association of living plants and animals along with their physical environment (specific example)

#### Ecosystem vs. Biome

• Biome = Forest

• Ecosystem = Coniferous Forest

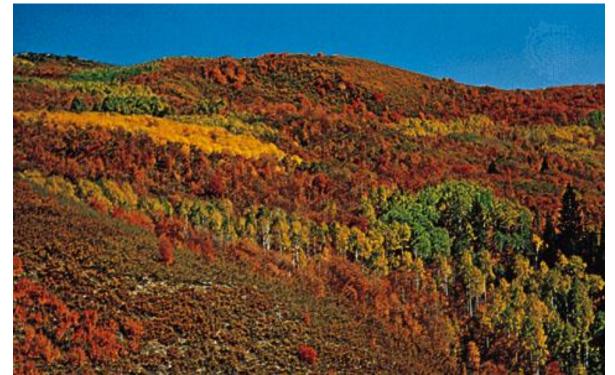
#### Ecosystem vs. Biome

• Biome = Grassland

• Ecosystem = Steppe

## Forest Regions

- Deciduous (aka "Broad Leaf")
- leaves fall off in Winter
- Found in the middle latitudes



## Forest Regions

- Coniferous (AKA "needleleaf")
- Evergreen, pine
- Found in upper latitudes
- called Taiga in Russia



## **Forest Regions**

- Tropical Rain Forest
- Has tremendous diversity
- Found in equatorial regions



## <u>Grasslands</u>

- Tropical Grasslands-Savanna (Africa has largest)
- Found in the low latitudes where climate is tropical wet and dry



## <u>Grasslands</u>

- Temperate grasslands
- This includes the steppes, plains, veld, pampas





#### **Grasslands**

• Prairie = Temperate/North America



#### **Grasslands**

• Veld = Temperate/South Africa



#### **Grasslands**

• Pampas = Temperate/South America



#### **Deserts**

- Found at 15-30 degrees North and South (High Pressure Zones) and in rain shadows
- The driest of biomes.



## <u>Tundra</u>

- Arctic Tundra-found in the northern hemisphere
- Alpine Tundra-Found at higher elevations at lower latitudes
- Short growing season
- Permafrost exists here



