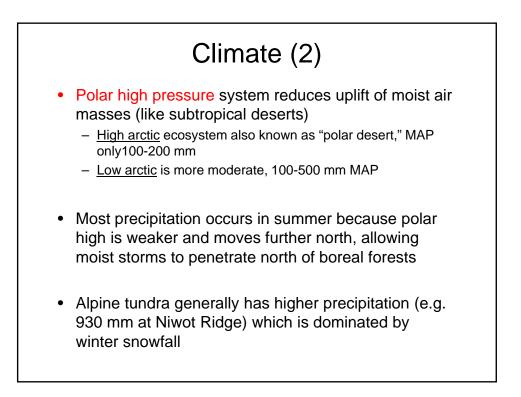
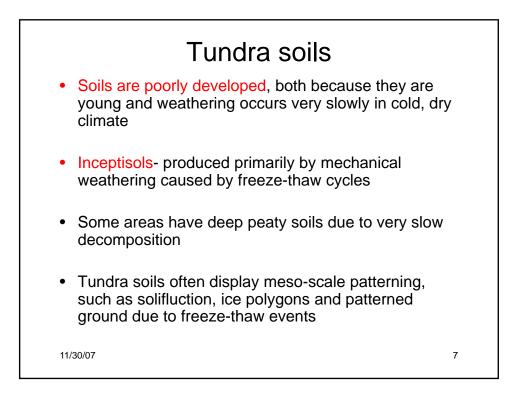
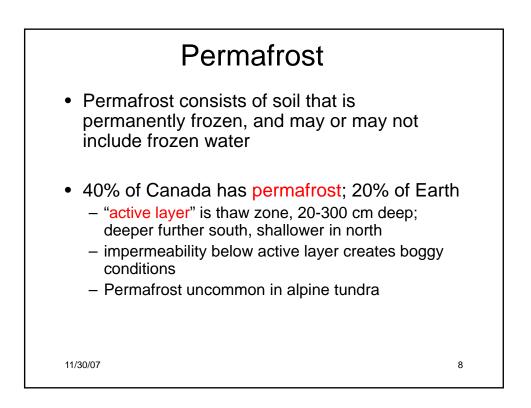
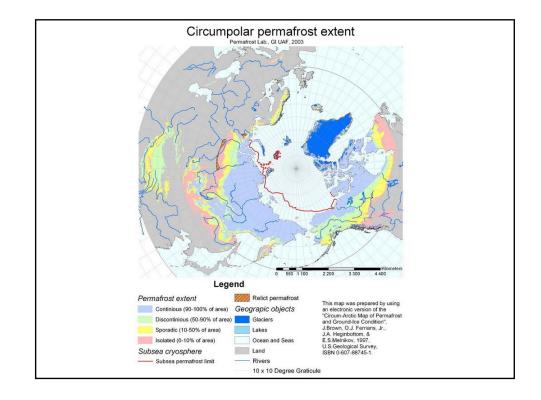


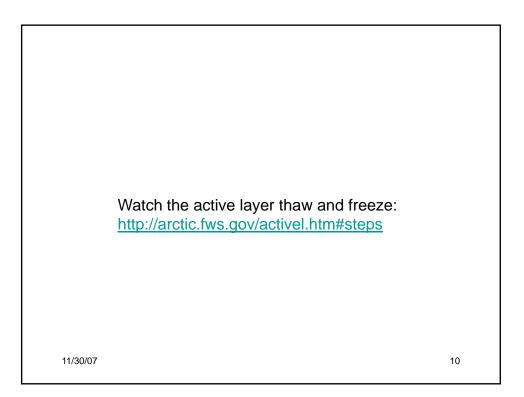
• Strong UV radiation in alpine

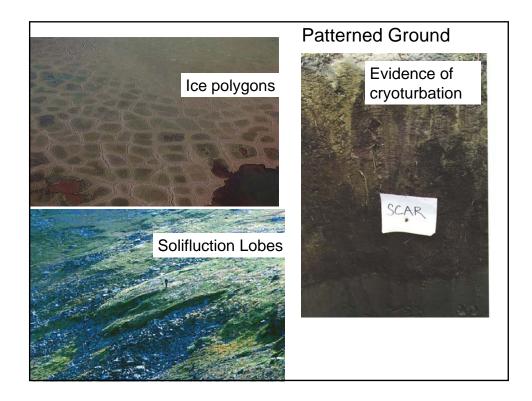


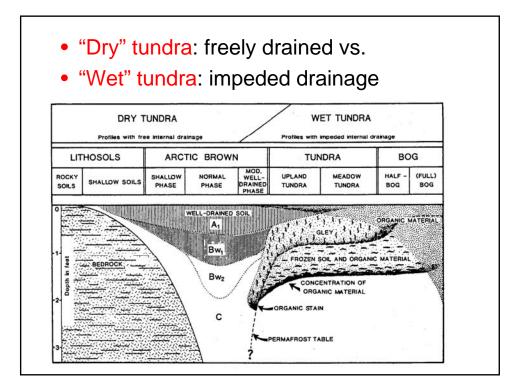


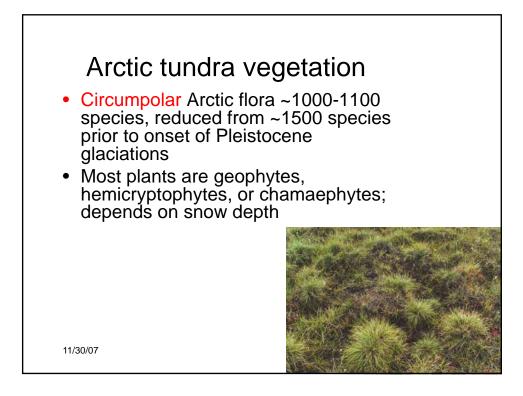


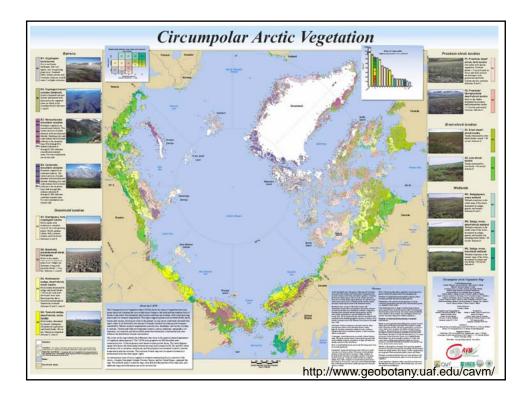












## Arctic Tundra vegetation types

- Tall shrub tundra
  - Willow, alder, birch
  - Tufted hairgrass
  - 2-5 m high
  - along river terraces, steep slopes
  - deep active layer
- Low shrub tundra
  - willow, birch, sedges, mosses, lichens
  - 40-60 cm high
  - slopes and uplands
- Dwarf shrub heath tundra
  - Ericaceae genera such as Vaccinium & Arctostaphylos; Rhododendron, Cottongrass, willow, Dryas
  - 5-20 cm high
  - Well drained soils; snow depth 20-30 cm



## Arctic Tundra vegetation types (2) Tussock tundra Tussock tundra is dominated by cottongrass (a sedge), dwarf shrubs, lichens and mosses Soils of intermediate drainage Graminoid-moss tundra Sedges, cottongrass, true grasses, moss Wetlands, saturated soils Drainage gradients (catena) Peat mosses on drier sites Sedges & grasses in wetter sites

