Chapter 13 Peatlands

Bogs - acidic peat, no inflow or outflow (mosses, other acidophilic plants)
Fens - open peatlands, grasses, sedges, reeds
Peatlands, Moors, Mires

Extent (See distribution figures in book)
2.4-4.1 million km²
Boreal, subartic

Development (See Figures in book)
1. Quaking bog - peat growing over the waters surface, infill
2. Paludification
3. Flowthrough

Peat - thousands of years old, pH 4-6, low in N, accumulates at 20-80 cm/1000 yr

Vegetation
Sphagnum moss (spp.) + trees = swamp forest (Minnesota)
Insectivorous plants - pitcher plant
Chapter 14 Freshwater Swamps

Emergent trees (forested wetlands)
  bald cypress
  pond cypress, both Taxodium spp.
  tupelo - Nyssa
  black gum
  red maple
  white cedar - scattered from Gulf of Mexico to New England

Types
  Cypress Swamps
    Domes of head - drainage into a depression, filling with peat
    Dwarf cypress - often in soils on a shallow limestone bedrock
    Lake edge
    Strand in lakes
    Flood plains along rivers - where they form pneumatophores, knees,
    spreading buttresses