



# Planting and Growing Chestnut Trees

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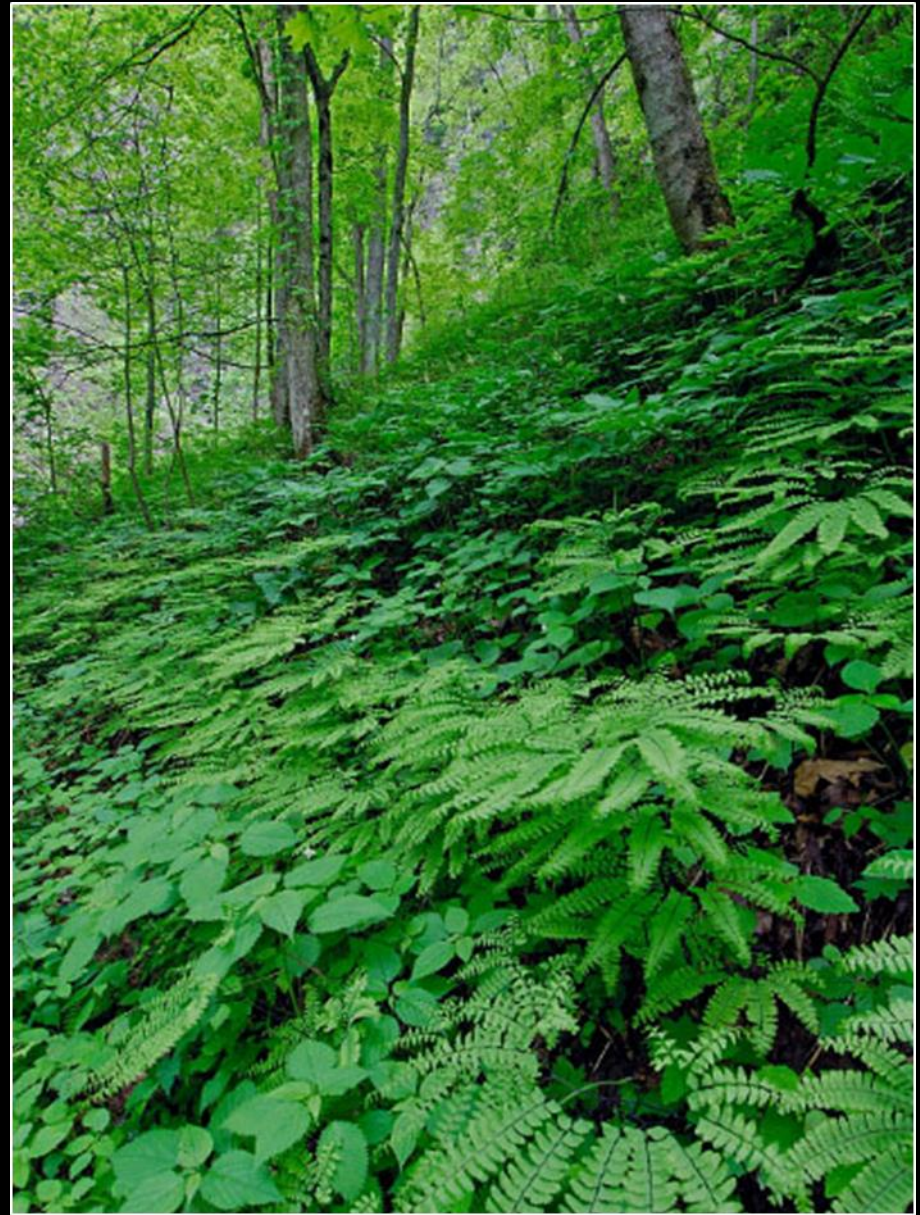
- **Site selection**
- **Seed vs seedling**  
**& Planting strategies**
- **Geography**
- **Maintenance**



# Site Selection

- **Well-drained, acidic soils**
- **Avoid:**
  - **Clay soils**
  - **Wet soils**
  - **Hard-packed soils**





Upland, Oak-Hickory Forest

vs

Bottomland, Fertile, Mesic Sites

# Site Selection

- **Exposure:**
  - open sites vs forested sites
  - old fields vs clear cuts



# Site Preparation

**Depends on site conditions**

- **Remove surrounding vegetation**
- **No grasses or weeds**
- **Mechanical and/or herbicide controls**
- **Dig a big hole**

# Seed vs Seedling

- **Direct seed**



# Seed vs Seedling

- **Planting a seed**





# Seed vs Seedling

- **Planting a seed**



# Seed vs Seedling

- Planting a seed



# Seed vs Seedling

- **Planting a seed**
- **Seed starter**
  - \*\*Must drain well**
  - **Peat/perlite/vermiculite**
  - **Native soil or composted forest products (pine fines or pine bark mulch)**
  - **Commercial mixes**
  - **Raised bed garden soil**

# Seed vs Seedling

- Direct seed
- Containerized seedlings
  - Bigger seedlings are better
  - Remove the nut
  - Harden off



# Seed vs Seedling

- **Direct seed**
- **Containerized seedlings**
- **Bare root seedlings**
  - **Plant right away**
  - **Avoid dry roots**



# Geography

- Direct seed as soon as you can work the soil
- Seedlings:
  - north, after last frost
  - South, fall through winter, or early spring



Winter injury?



**Drought**





**Location: South**

**Drought**

**Phytophthora**



**Location: South**

**Drought**

**Phytophthora**

**Ambrosia beetles**



# Maintenance

- Deer protection



# Maintenance

- Deer protection
- Tree tubes



# Maintenance

- Deer protection
- Tree tubes
- Control weeds/grasses





Thank you!