Native Trees and Shrubs for Landscaping

Jon Barry, Ph.D.
Arkansas Forest Resources Center
Native Trees and Shrubs for Landscaping

What is a native plant?
A plant in its natural range

Environment
Soil moisture
Fire frequency
Soil pH
Native Trees and Shrubs for Landscaping
Native Trees and Shrubs for Landscaping

Plants.usda.gov
What natives plants are available?
Native Trees and Shrubs for Landscaping

Redbud (*Cercis canadensis* L.)
Native Trees and Shrubs for Landscaping

Redbud (	extit{Cercis canadensis} L.)
Native Trees and Shrubs for Landscaping

Redbud (*Cercis canadensis* L.)
Native Trees and Shrubs for Landscaping

Flowering Dogwood (*Cornus florida* L.)
Native Trees and Shrubs for Landscaping

Flowering Dogwood (*Cornus florida* L.)
Native Trees and Shrubs for Landscaping

Flowering Dogwood (*Cornus florida* L.)
Native Trees and Shrubs for Landscaping

Red Buckeye (*Aesculus pavia* L.)
Native Trees and Shrubs for Landscaping

Red Buckeye (*Aesculus pavia* L.)
Native Trees and Shrubs for Landscaping

Red Buckeye (*Aesculus pavia* L.)
Native Trees and Shrubs for Landscaping

French Mulberry (*Callicarpa americana* L.)
Native Trees and Shrubs for Landscaping

French Mulberry (Callicarpa americana L.)
Native Trees and Shrubs for Landscaping

French Mulberry (*Callicarpa americana* L.)
Native Trees and Shrubs for Landscaping

Wild Hydrangea (*Hydrangea arborescens* L.)
Native Trees and Shrubs for Landscaping

Strawberry bush (Euonymus americanus L.)
Native Trees and Shrubs for Landscaping

Strawberry bush (*Euonymus americanus* L.)
Native Trees and Shrubs for Landscaping

Strawberry bush (*Euonymus americanus* L.)
Native Trees and Shrubs for Landscaping

Hawthorns (*Crataegus* sp.)
Native Trees and Shrubs for Landscaping

St. Johnswort (*Hypericum* sp.)
Native Trees and Shrubs for Landscaping

Possumhaw (*Ilex decidua* Walt.)
Native Trees and Shrubs for Landscaping

Elderberry (*Sambucus nigra* L. ssp. *canadensis* (L.) R. Bolli) often as (*Sambucus canadensis* L.)
Native Trees and Shrubs for Landscaping

American Bittersweet (Celastrus scandens L.)
Native Trees and Shrubs for Landscaping

American Hazelnut (*Corylus americana* Walter)
Native Trees and Shrubs for Landscaping

Trees need a huge area

Look up
Look around
Look down
Native Trees and Shrubs for Landscaping

Baldcypress (*Taxodium distichum* (L.) Rich)
Native Trees and Shrubs for Landscaping

Red Maple (*Acer rubrum* L.)
Native Trees and Shrubs for Landscaping

Red Maple (*Acer rubrum* L.)
Native Trees and Shrubs for Landscaping

Red Maple (*Acer rubrum* L.)
Native Trees and Shrubs for Landscaping

Sugar Maple (*Acer saccharum* Marsh.)
Native Trees and Shrubs for Landscaping
Sugar Maple (*Acer saccharum* Marsh.)
Native Trees and Shrubs for Landscaping

Sugar Maple (*Acer saccharum* Marsh.)
Native Trees and Shrubs for Landscaping

White Ash (*Fraxinus americana* L.)
Native Trees and Shrubs for Landscaping

White Ash (*Fraxinus americana* L.)
Native Trees and Shrubs for Landscaping

White Ash (*Fraxinus americana* L.)
Native Trees and Shrubs for Landscaping

Catalpa (*Catalpa speciosa* (Warder) Warder ex Engelm.)
Native Trees and Shrubs for Landscaping

Catalpa (*Catalpa speciosa* (Warder) Warder ex Engelm.)
Native Trees and Shrubs for Landscaping

Catalpa (*Catalpa speciosa* (Warder) Warder ex Engelm.)
Native Trees and Shrubs for Landscaping

Catalpa (*Catalpa speciosa* (Warder) Warder ex Engelm.*)
Native Trees and Shrubs for Landscaping

Blackgum (*Nyssa sylvatica* Marsh.)
Native Trees and Shrubs for Landscaping

Sycamore (*Platanus occidentalis* L.)
Native Trees and Shrubs for Landscaping

Oaks (*Quercus* L.)
Native Trees and Shrubs for Landscaping

Caring for Native Trees

✓ Avoid unnecessary pruning, esp. topping
✓ Check for insect & diseases
✓ Water & mulch
✓ Avoid injury
✓ Enjoy your tree!!!

✓ Planting no different than with other trees
✓ Best to leave wild populations intact
✓ Buy from vendors NOT gathering from wild
Native Trees and Shrubs for Landscaping

Good Web Sites for Tree Info

- http://hort.ifas.ufl.edu/trees/COMLIST.HTM
- http://www.hort.uconn.edu/plants/
- http://www.orst.edu/dept/ldplants/2plants.htm#oxar
- http://www.cnr.vt.edu/dendro/dendrology/syllabus/biglist_frame.htm
Native Trees and Shrubs for Landscaping

cnr.vt.edu/dendro/dendrology/main.htm

• Main Dendrology Page
  – Contains Tree Id Key
  – Tree Species Fact Sheets
  – Search by Latin Name
  – Good Photos for Id
  – Limited description
Native Trees and Shrubs for Landscaping

Good things happen when you go native.