

  
 THE UNIVERSITY OF GEORGIA  
**COOPERATIVE EXTENSION**  
Colleges of Agricultural and Environmental Sciences & Family and Consumer Sciences

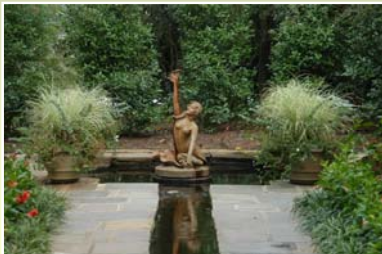
## Selection of Woody Ornamentals



*Learning for Life*


Trees and shrubs add beauty and value to the home.

*Is this your ideal garden?*



- How long do trees and shrubs live?
- Long lived plants require planning for long-term maintenance.

Here is a traditional historic garden with bold patterns installed in the design. This planting is in the Founders Garden on the UGA campus.




- The boxwood hedge is dwarf but still needs pruning.
- Replacement plants are needed after harsh winters.

Plant Conservation – saving existing trees and shrubs – It's important!






- Replacement time is just not available
- Saving trees for the next generation
- We must become involved to avoid excessive loss of existing woody plants.

Native Plants are adapted to our Georgia climate and soils. So are they our best choices for landscape plantings?



- Are introduced or exotic plants all bad?
- Can native and exotic plants be used together?

Native and Exotic plants are used together. Use the right plant for the right place in the landscape to fit the site and your needs.

Southern Living Headquarters was built on a natural site and the existing vegetation was conserved. Native plants were used to complete the landscape planting.



- Only the trees in the footprint of the building were removed.
- The image of the headquarters reflects the company's image.

Heritage Plants are introduced plants we have been planting for hundreds of years.

- 1600 - 1699 English Boxwood, Rose of Sharon, English Dogwood, Pyracantha, Damask Rose, Lilac & Lime Tree.
- 1700 - 1776 Norway Maple, Horse Chestnut, Paper Mulberry, Dwarf Boxwood, French Mulberry, Pearl Bush, English Ivy, English Holly, Crape Myrtle, Chinaberry, Indica Azalea & English Yew.
- 1776 - 1850 Japanese Maple, Mimosa, Camellia, Flowering Quince, Fatsia, Ginkgo, Japanese Honeysockle, Nandina, Pieris, Flowering Dogwood, etc.

### Cherokee Rose The State Flower of Georgia

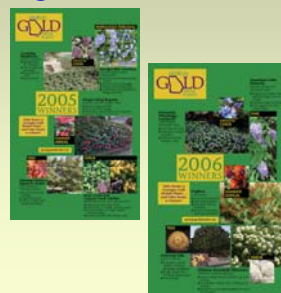


- Vigorous Grower  
Strong Thorns  
Spring Blooms
- Native Where ?
- Southern China  
Formosa  
Burma

### Georgia Gold Medal Program

Introducing superior new or underused plants  
Georgia Plant Selections Committee

Annual  
Perennial  
Shrub  
Tree  
Vine



Low-maintenance  
Widely Adaptable  
Easy to Grow  
Readily Available  
Not Invasive  
Multi-Season Interest

### Plant Naming Botanical Nomenclature

#### Botanical or Scientific Name

*Berberis thunbergii* var. *atropurpurea* 'Rose Glow'

Genus species variety Cultivar

Cultivar - 'Fancy Name' - 'Sango Kaku'

Botanical Name includes all four parts

Cultivar - maintained under the hand of man !

### Plant Naming Common Names

#### Plant Nomenclature

Tulip Tree & Yellow Poplar

*Liriodendron tulipifera*

Tulip Tree, Japanese Magnolia

& Saucer Magnolia

*Magnolia soulangeana*

One Plant -  
Two Names

Didn't we just  
see Tulip Tree?

Moving on to the landscape issues!



Learn Proper Spacing and Mature Size of Plants



Size Matters!!!



How Big Does a Leyland Get?



70-100 feet tall!

Make sure you get the plant in the right place!



Problems from improper site:

- Poor or weak growth- stretching
- Increased disease or insect problems.
- Sunscald on shade-loving plants.
- Increased need for water.
- Competition for nutrients.



Are there any plants I should avoid?



Learn about Problem Plants!



Another Problem Plant



Natives  
*or*  
Exotics



Dogwoods are great if they are planted in the proper place.



Is this what I wanted?



### Amethyst Falls Wisteria



**Gold Medal Winner**

- Native American Wisteria
- Less Aggressive, Easier to Manage
- Early Bloomer – 1yr
- Flowers Fragrant 2-4" Long
- Deer & Drought Tolerant

### Other Things to Consider When Selecting Woody Ornamentals



### Do I want low maintenance?



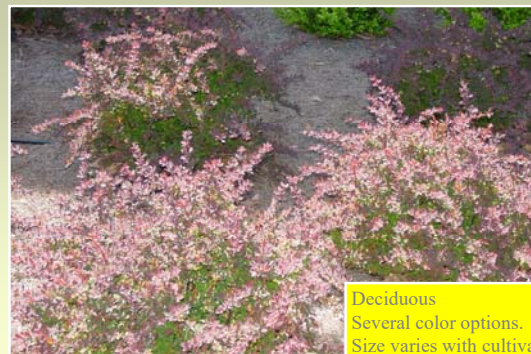
### Questions to ask:

- Do I like to prune frequently?
- Will I need to spray for bugs and disease?
- How much fertilizer and water will it need?
- What about weeds and deadheading?

### Possible Low Maintenance Sections...



### Dwarf Crimson Barberry (*Berberis thunbergii*)



Deciduous  
Several color options.  
Size varies with cultivar.

Barberry color variations



Japanese Holly  
(*Ilex crenata*)



Yaupon Holly  
(*Ilex vomitoria*)



Junipers need Full Sun but are very  
Drought Tolerant



Parson's Juniper  
(*Juniperus davurica*  
'Parsoni')



Hollywood Juniper  
(*Juniperus chinensis* 'Torulosa')





**English Laurel**  
(*Prunus laurocerasus*)

Spring bloom  
Shot Hole

**Florida Anise-tree**  
(*Illicium floridanum*)

**Japanese Camellia**  
(*Camellia japonica*)

Spring and fall bloomers  
Blooms range - pink to white  
25' x 15'  
Also consider Sasanqua  
Zones 7 to 9

**Sasanqua Camellia**  
(*Camellia sasanqua*)

**Japanese Acuba**  
(*Acuba japonica*)




6' to 8'  
Several varieties  
Does not take full sun  
Zones 6 to 10

**Hydrangea**



Size will vary with cultivar.  
Blooms late spring – some all season.  
Colors vary.

**Bigleaf and Lacecap Hydrangea**  
(*Hydrangea macrophylla*)





**Remontant Flowering Hydrangea**  
New plants to solve old problems

Endless Summer™ Hydrangea  
*Blooms all season long.*






Penny Mac

- Flowers on new wood
- Early bloomer
- Blooms second time
- Flowers change color as they mature

**Paniculata Hydrangea**  
(*Hydrangea paniculata*)




**Oak leaf Hydrangea**  
(*Hydrangea quercifolia*)

6' x 8'  
Flowers late spring.  
Dwarf Variety available.



**Japanese Plum Yew**  
(*Cephalotaxus harringtonia*)




Gold medal plant  
Size varies with cultivar  
Drought tolerant  
Dark coarse texture  
Low maintenance

**Evergreen Rhododendron**





12' tall by 8' spread  
Requires shade  
Plant in moist but well drained area  
Best on north-facing slopes

**Catawba Rhododendron**  
(*Rhododendron catawbiense*)





**Sweet Shrub**  
(*Calycanthus floridus*)





**Native Deciduous Azaleas**







*R. prunifolium*  
*R. flammeum*  
*R. atlanticum*  
*R. canadense*  
*R. calendulaceum*

**Summersweet**  
**Clethra**  
(*Clethra alnifolia*)







How about durable plants for dry areas that add color to the landscape ?

**Forsythia**  
(*Forsythia X intermedia*)

**Butterfly Bush**  
(*Buddleia davidii*)

**Chaste Tree**  
(*Vitex agnus-castus*)

**Knock-out Rose**

Continuous bloomer  
4' - 5' in height  
Pink or red blooms  
Single or double flowers

**Chinese Fringe Flower**  
(*Loropetalum chinense*)



Height and color varies depending on cultivar  
Blooms spring and more...  
Pest resistant  
May be injured by cold

**American Beautyberry**  
(*Callicarpa americana*)

**Japanese Beautyberry**  
(*Callicarpa japonica*)



3 to 8 feet high  
Berries in fall  
White or purple  
Full sun, light shade

**European Cranberrybush**  
(*Viburnum opulus*)



**Chinese Snowball Viburnum**  
(*Viburnum macrocephalum*)



- Large Showy Snowballs
- Flowers Emerge Green, Fade to Bright White
- Large Shrub to 15 feet
- Sun / Partial Shade
- Plants Sterile, Produce No Seed
- A Georgia Gold Medal Winner

**Summer Snowflake Viburnum**  
(*Viburnum plicatum* var. *tomentosum* 'Summer Snowflake')



8' to 30'  
Bloom color varies  
No need to prune



**Crapemyrtle**  
(*Lagerstroemia indica*)

**Shrub Althea or Rose-of-Sharon**  
(*Hibiscus syriacus*)



Plants for damp areas...

**Virginia Sweetspire**  
(*Itea virginica*)



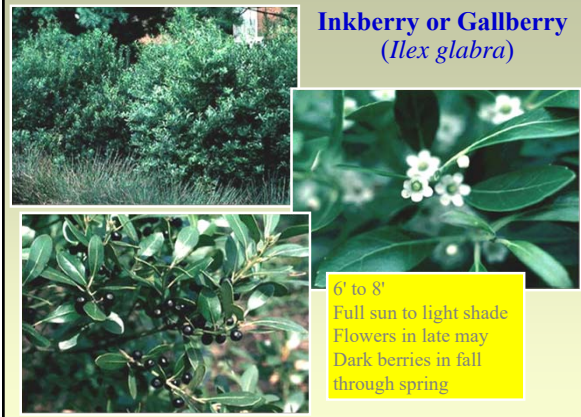
**Fothergilla**  
(*Fothergilla gardenii*  
and  
*Fothergilla major*)



**Florida Leucothoe**  
(*Agarista populifolia*)



**Inkberry or Gallberry**  
(*Ilex glabra*)



6' to 8'  
Full sun to light shade  
Flowers in late may  
Dark berries in fall  
through spring

### Red Buckeye (*Aesculus pavia*)



10 to 30 feet high  
Flowers appear April through May.  
Native plant.

### Other Plants for moist areas...

- Rose of Sharon (*Hibiscus syriacus*)
- Buttonbush (*Cephalanthus occidentalis*)
- Summersweet Clethra (*Clethra alnifolia*)
- Common Witch Hazel (*Hamamelis virginiana*)
- Anise-tree (*Illicium* spp.)
- Southern Wax Myrtle (*Myrica cerifera*)
- Yaupon Holly (*Ilex vomitoria*)

### Plants that can be used for Screening

### Wax myrtle (*Myrica cerifera*)



Native to south Georgia  
10 to 15 feet tall  
Can be tree formed.  
Dwarf cultivars available

### Japanese Cleyera (*Ternstroemia gymnanthera*)



### Nellie R. Stevens Holly (*Ilex 'Nellie R. Stevens'*)



20' x 25'  
Red berries  
Pest resistant

**Burford Holly**  
(*Ilex cornuta* 'Burfordii')



**Dwarf Burford Holly**  
(*Ilex cornuta* 'Burfordi Nana')




8' to 15'  
Red berries  
Can be pruned hard

**Little Gem Magnolia**  
(*Magnolia grandiflora* 'Little Gem')



Height to 30 feet  
Flowers earlier than others  
Brown-backed leaves

**Rotunda Holly**  
(*Ilex cornuta* 'Rotunda')



8' to 10'  
Bomb proof plant.  
Keeps out neighbors.

**Wintergreen Barberry**  
(*Berberis julianae*)



**Foundation Plants**  
1 to 5 feet tall



**Dwarf Yaupon Holly**  
(*Ilex vomitoria* 'Nana')



5' x 8'  
Full sun to partial shade  
Tolerant of many soil conditions.

**Glossy Abelia**  
(*Abelia x grandiflora*)






**Japanese Spirea**  
(*Spirea x bumalda* 'Anthony Waterer')




**Blue Rug Juniper**  
(*Juniperus horizontalis* 'Wiltonii')





12" tall by 6' wide  
Carpet of dark blue-green  
Needs full sun




**Helleri Holly**  
(*Ilex crenata* 'Helleri')







3' x 4'  
Full sun or light shade  
Need good drainage

**Indian Hawthorn**  
(*Rhaphiolepis umbrellata*)

4' x 5'  
Flowers in late April.  
Drought resistant  
Needs good drainage.

**Japanese Holly**  
(*Ilex crenata*  
'Compacta')

6' x 6'  
Good boxwood substitute  
Many cultivars available

**False-cypress**  
(*Chamaecyparis pisifera*)





**How about Fragrance?**

**Cape Jasmine**  
(*Gardenia angusta*)





4' to 6'  
Summer blooming.  
Whiteflies

**Confederate Jasmine**  
(*Trachelospermum jasminoides*)





Also called Star Jasmine  
Evergreen vine to 40'  
White fragrant  
Flowers May through June  
Needs support of some type

**Lady Banks' Rose**  
(*Rosa banksiae*)




Blooms cream or yellow April into June  
Can handle full sun or light shade  
Does well on fences, trellises



### Winter Daphne (*Daphne odora*)



### Slender Deutzia (*Deutzia gracilis*)



### Fragrant Tea Olive (*Osmanthus fragrans*)



Thank you and  
happy planting!

Questions?

Special thanks to Jim Midcap, Michael Dirr, and Gary Wade for their photographic contributions.



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