

# Selecting Landscape Shrubs

With Special Comments on  
Invasive and Native Plants



**Figure 1.** Shrubs have many roles in this home's front landscape. They are used extensively in the foundation planting around the base of the home. They create a background for other plantings and provide a screen or barrier along the property lines. Low-growing shrubs are used to edge the landscape beds in front of the garage. The two shrubs at the entrance of the driveway provide an accent for this area. Shrubs also are used to provide a haven to attract wildlife to the bird bath to the right of the home.



**S**hrubs are considered to be the “workhorses” of the landscape. Some people tend to think of shrubs as bland, green masses that fill landscape spaces, but there are thousands of varieties of shrubs, all with their own unique and interesting qualities. Shrubs come in every form and size imaginable. They exhibit a host of different leaf shapes and textures. Some display seasonal interest with prolific blooms, leaf color, bark texture, or fruit. With so many choices available, selecting the right shrub for your landscape can seem a little daunting.

Selecting the wrong plant can increase your maintenance chores through excessive pruning, extra watering, and additional spraying to control insects and diseases. Selecting the right plant can reduce these chores and increase the time you have to enjoy your landscape.

This publication will provide information to help you make the right shrub choices. Whether you are planning a new landscape or renovating an established one, this publication contains plant characteristics and cultural information on many kinds of shrubs that grow well in Mississippi.

## What Is a Shrub?

For the purposes of this publication, a shrub is a woody plant with multiple stems or trunks that grows 20 feet tall or less when mature. There are, of course, exceptions to this definition. Obviously, some of the plants listed, under optimum conditions, may exceed 20 feet in height. Also, shrubs can be trained to a single trunk in some cases. Conversely, some trees can have multiple trunks. Common sense is the best guide to distinguish a shrub from other plant groups such as trees or ground covers.

## Shrub Selection Checklist

When choosing a plant for your landscape, there are many things to consider. It is always better to evaluate your landscape situation before you go shopping, so you can fit the plant to the site rather than trying to change the site to fit the plant.

Use the checklist below to help you assess the landscape location where the shrub will be planted. Then select plants from the table that fit your particular landscape situation. Explanations of the topics follow the checklist.

- Function or role
- Height and width
- Amount of light
- Climatic zone
- Soil conditions
  - Fertility needs
  - Soil pH
  - Light (sandy), medium, heavy (clay)
  - Available water (quality of drainage)
- Form
- Texture
- Seasonal interest or color
- Risk analysis

## Function or Role

Determine what function or role the shrub will have in your landscape. For example, do you need a low evergreen shrub to go around the base of your deck? Or, do you need a shrub that could screen an unsightly view? Maybe you need a shrub to accent the entrance to the driveway. Common examples of functions or roles that shrubs play in our landscapes include:

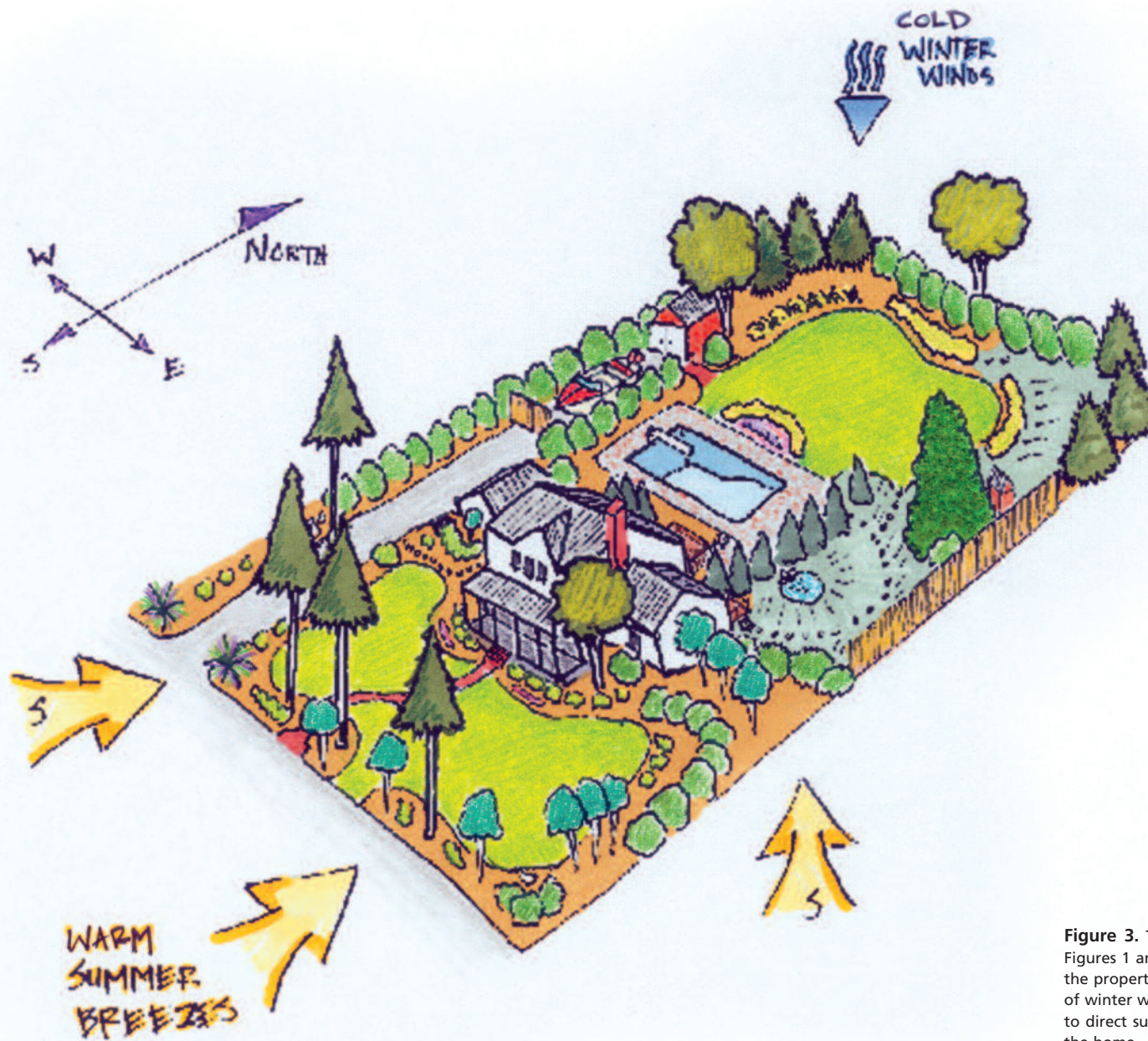
- Foundation plants (Figure 1)
- Hedge, screen, and background plants (Figures 1 and 2)
- Energy conservation, which includes managing wind, heat, and cold (Figure 3)
- Erosion control
- Container plants (Figure 4)
- Border and edging plants (Figures 1 and 2)
- Specimen plants
- Accent plants (Figure 1)
- Sound barriers (Figure 2)
- Wildlife habitats (Figures 1 and 2)





**Figure 2.** This backyard landscape illustrates many of the uses of shrubs, including background, screen, wildlife habitat, edging, and accent plantings. The large hedge along the left side of the driveway serves as a sound barrier as well as a screen.





**Figure 3.** The aerial view of the landscape depicted in Figures 1 and 2 shows how shrubs can be placed around the property to conserve energy by buffering the effects of winter wind and summer sun. Shrubs also can be used to direct summer breezes and allow winter sun to reach the home.

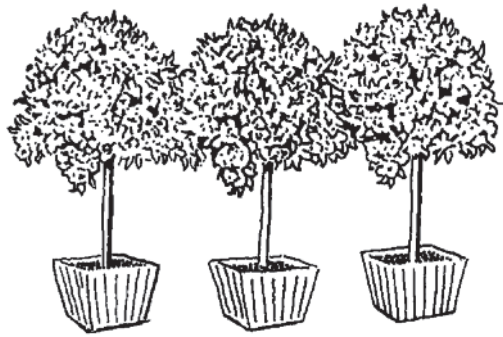


Figure 4. Container plants.

## Height and Width

Knowing the mature size of a plant is very important. Size includes not just height, but also the mature spread or width of the shrub. Both should be considered before choosing a shrub for a particular location in the landscape. Choosing a plant that will become too large for the space available is a common mistake homeowners make. Problems arise later as the plant outgrows its location and blocks walkways, driveways, or windows.

## Light

It is important that you know the light conditions of the different areas where you will be placing shrubs. Choose plants that grow well in those light conditions.

**Full sun** is at least 6–8 hours of direct sunlight. For sunny areas, choose plants that require full sunlight to grow.

**Full shade** areas receive no direct sunlight. In these areas, the shade could be the result of trees, buildings, or other structures. Filtered shade refers to the shade provided by a thin canopy of trees that results in filtered or “spotted” areas of light on the forest floor. Choose plants that grow in shade for these areas.

**Part sun** areas receive direct sunlight for at least half of the day. Fitting plants to this type of light situation can be challenging. Some shade plants will tolerate full sun

in the morning if given afternoon shade. Some sun plants will grow fine in situations of some early morning or late afternoon shade. Refer to the comments section of the plant table for further information on specific light references for plants in this light category.

## Climatic Zone

The U.S. Department of Agriculture has categorized the climates of the United States, Canada, and Mexico into numbered zones based on average low winter temperatures. The zone numbers range from 1 to 11. Each decrease in a zone number means the average low winter temperature is 10 degrees colder. The map in Figure 5 shows the USDA zones for Mississippi. All of Mississippi is within Plant Hardiness Zones 7 and 8. These are the average low winter temperature ranges for each zone and sub-zone:

Zone	°F Range
7	10–0
7a	5–0
7b	10–5
8	20–10
8a	15–10
8b	20–15

Remember that a plant hardiness rating does not guarantee a plant’s ability to grow well in an area. For example, plants suited to drier areas of the southwestern United States in Zone 7 may withstand the winter temperatures in Mississippi, but they may not grow well because of diseases associated with our higher humidity. A plant’s hardiness zone rating **ONLY** indicates its ability to withstand a certain winter low temperature.

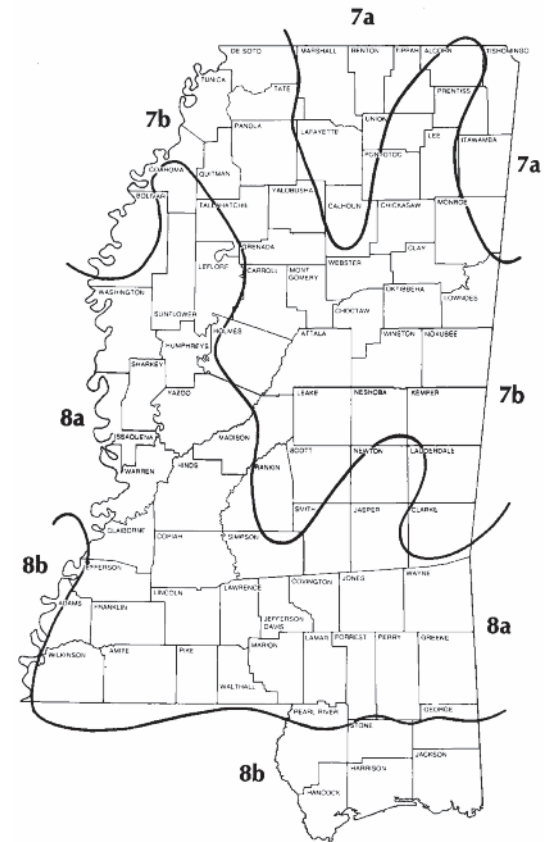


Figure 5. Zones of plant cold-hardiness for Mississippi.

## Soil Conditions

Determine the **fertility needs** of the planting site before selecting plants or planting. Take a representative soil sample of the area being planted and submit it to the MSU Soil Testing Laboratory for analysis. Remember: it is much easier to choose a plant to fit your soil conditions than to change the soil conditions to fit the plant.

The soil analysis will also include a **pH level**, or measure of the alkalinity or acidity of the soil. Plants will grow best within certain pH ranges, so selection of plant material depends on pH (unless you can amend the planting site). Soil pH affects the availability of plant nutrients. Azaleas, camellias, and hollies are examples of acid-loving plants. Examples of shrubs that will grow in alkaline soils are barberry, deutzia, and elaeagnus. Table 1 includes a column that contains the pH range of specific plants.

Soils can be described as **light (sandy)**, **medium**, or **heavy (clay)**. Medium soils are best for proper growth of most landscape plants. Sandy or clay soils can be amended with organic matter to improve the water-retaining qualities of sandy soils and the drainage of clay soils, making these soils more conducive to plant growth. Adequate **soil drainage** is important for the growth of most plants. However, some plants like drier conditions and some plants like wetter conditions (bog or aquatic plants). Comments on soil requirements or tolerances have been made for many of the plants in Table 1.

## Form

Form is the shape of the plant. Make sure the plant will fit into the required space and that its form complements the surrounding plantings or area. See Figure 6 for examples of plant forms.

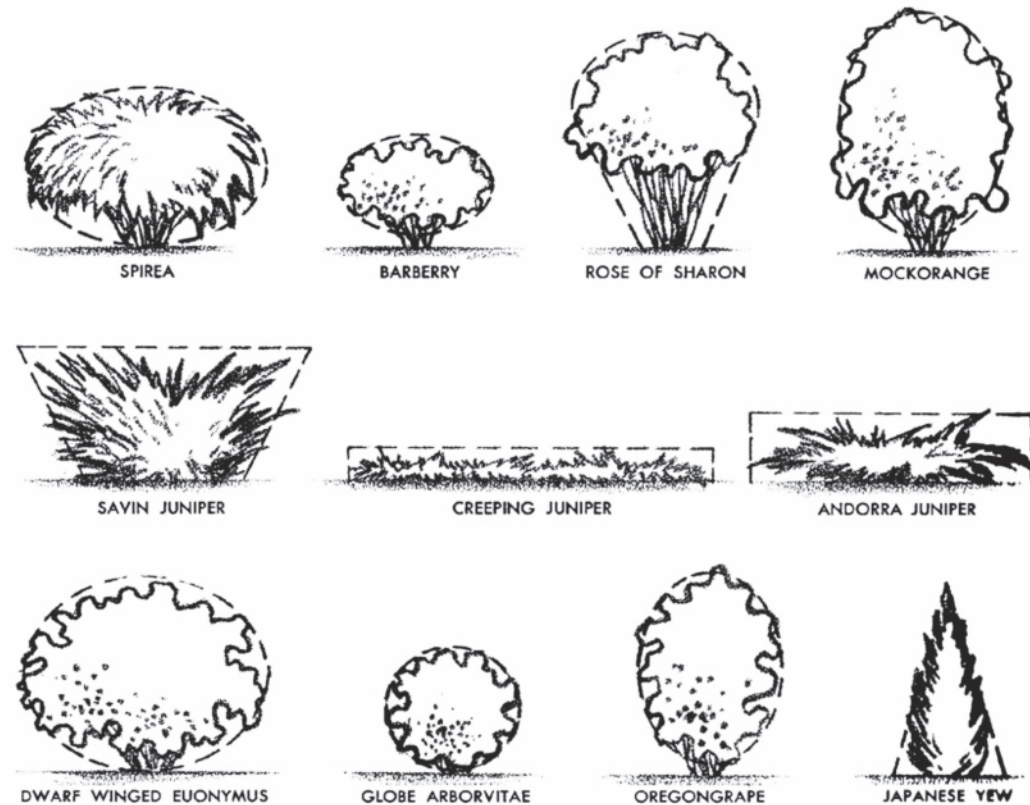


Figure 6. Examples of plant form.



## Texture

Texture refers to the fineness or coarseness of plants. For example, large-leaved shrubs, as a rule, are considered coarse-textured. Examples include aucuba, fatsia, and bigleaf hydrangea. Fine-textured plants include falsecypress, arborvitae, and any of the junipers. In most cases, plants with fine textures should be used in greater numbers in the landscape than plants with coarse textures.

## Seasonal Interest or Color

These are the characteristics of the plant that contribute to its overall appeal. Special physical features that make the plant attractive through the seasons could include fruit, flowers, foliage color, bark, or branching structure. The comments section of Table 1 includes information on seasonal interest or color.

## Risk Analysis

When choosing plants, it pays to determine the risks the plant could bring to your landscape. Take the following into consideration when choosing plants:

- Does it attract stinging insects like bees or wasps?
- Does it produce messy fruit or other plant parts in the landscape?
- Does it produce fruit that may cause slipping, particularly on walkways?
- Does it produce thorns, spines, or prickles that can cause harm?
- Are leaves sharply pointed, which may cause harm?
- Is it poisonous to children or pets?
- Does it cause allergies?
- Does it have aggressive growth characteristics that crowd out its neighbors?
- Is it invasive?

Eradication of invasive plants costs millions of dollars every year in the United States. A number of plants can be invasive in landscapes. An invasive plant species by federal definition must be exotic and have a negative economic or health impact. Invasive plant species can

increase maintenance costs and cause problems in surrounding landscapes. Some invasive plants and potential alternatives are offered in Table 2.

Avoid invasive species whenever possible. Keep in mind that some invasive plants are regulated and illegal to move into the landscape. Remember that invasive plants in one area may not be invasive in another. The comments column in Table 1 provides cautionary statements about invasive or potentially invasive plants. Before purchasing plants, be informed about which species are invasive in your area. In addition, new species can escape cultivation.

Some gardeners may prefer native plants instead of exotic or invasive species. Native species are noted in Table 1 of this publication. However, remember that some native species also can be aggressive in the landscape. Despite occasional problems, choosing a native plant could amount to savings in plant purchases and preservation of natural resources, as well. The comments section also offers other information concerning the risk factors for plants.

## Shopping Tips

### Local vs. Online

Plant shopping at your local nursery, garden center, or online can be an exciting but sometimes confusing experience. Always check your favorite nursery or garden center first to see if you can buy the plants locally. You will usually be able to buy a larger plant for your money than you could if purchasing the same plant online. Also, you have the benefit of talking to a real person and seeing and inspecting the real plant. The only downside of shopping locally is the variety of plants offered may be less than what you could order online. If you have found a plant online that you can't find locally, request that your nursery or garden center order the plant for you before ordering online.

## Container vs. No Container

Plants come in various “packages” (Figure 7). Shrubs are typically sold in containers or pots of various sizes. These can range from small containers measured in inches to large containers measured in gallons. Large shrubs can also be sold ball and burlapped, more commonly referred to as B and B. These plants' roots with attached soil are wrapped in burlap or a similar material. Plants also can be bare-root and packaged in boxes, paper, or plastic wrapping. Roses can be offered for sale bare-root. Obviously, those plants with roots surrounded by soil have a higher survival rate than those offered bare-root. Bare-root plants can, however, be cheaper, and if you handle them properly, can be a very good choice.

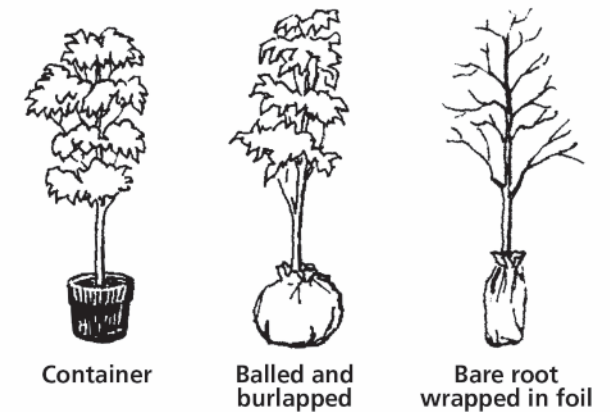


Figure 7. Plants are sold in various packages.

## Small Plants vs. Large Plants

Remember that small container plants will grow and are less expensive than large container plants of the same type. So if cost is a consideration and you have the patience, purchasing smaller containers is more economical. If you want the space filled sooner and a more established look to your landscape, and you can afford the extra cost, by all means purchase a more mature plant in a larger container.

## Low Maintenance vs. High Maintenance

We all want more leisure time, so it is important to select a plant that doesn't require too much maintenance in terms of pruning, spraying, watering, and disease and insect management. It is worth the extra effort to learn about the requirements of your selection before you make your purchase. Talk with nursery workers and gardening neighbors, or consult other resources.

## Shop for Quality!

Always inspect your plant selection for signs of insect or disease damage. Make sure the plant shows no signs of mechanical damage to the bark or branches. Mechanical damage is caused by machinery or rough handling of the plant.

Select shrubs that have a good framework of strong branches. Look for plants with healthy green foliage and a full canopy. If it is a deciduous shrub purchased while dormant, look for an overall good branching structure. Avoid plants that have exposed roots circling the top of the pot or protruding from the pot's drainage holes. These plants are root-bound and indicate they have been held too long in the same pot (Figure 8).

For more tips on selecting container plants, look at the *Gardening through the Seasons* videos at <http://extension.msstate.edu/lawn-and-garden/gardening-through-the-seasons-video/>.



Figure 8. Avoid root-bound, overgrown plants.



Figure 9. Protect plants before planting by shading them and mulching the roots in sawdust or another suitable material.

## Protecting Plants until Planting Time

It is always better to have your planting area prepared before you bring home your plants so you can get them immediately into the ground. If this is not the case, you will need to provide a temporary holding area (Figure 9) to protect the plants until planting can occur. Do not allow plants to dry out; maintaining adequate moisture is very important. The holding area should be in an accessible area for easy watering. Also make sure the area is partially shaded and protected from drying winds. Check the plants daily to make sure the roots are kept moist.

If it will be more than 3 or 4 days before you can plant, provide additional protection. Group the plants close together and mulch around the packaging (container, B and B, bare-root) with compost, pine needles, or shredded pine bark to keep the roots moist until planting. If the plant is bare-root, be sure to open the packaging to make sure the roots are moist before covering with mulch.





The following tables list ornamental landscape shrubs by height group and scientific name with information on foliage type, hardiness zone, plant height and width, plant spacing, pH range, and nativity for each, along with special comments.

**TABLE 1. Ornamental landscape shrubs by height group**

Small shrubs .....	10-16
Medium shrubs .....	17-21
Large shrubs .....	22-30

**TABLE 2. Invasive landscape plants and suggested alternatives for each** ..... 31

Index of shrubs .....	32-35
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**TABLE 1. Ornamental landscape shrubs by height group.**

<b><i>Small Shrubs — Evergreen — Less than 5 feet</i></b>										
<b>Common Name</b>	<b>Scientific Name</b>	<b>Foliage*</b>	<b>Zones</b>	<b>Light**</b>	<b>Height</b>	<b>Width</b>	<b>Spacing</b>	<b>pH range</b>	<b>Native***</b>	<b>Comments</b>
Compact Abelia	<i>Abelia x grandiflora 'Prostrata'</i>	SE	6–9	F	1.5'–2'	1.5'–2'	2'–3'	6.0–8.0		Flowers on new wood. Tolerates city conditions well. May have several blooming cycles. Attracts bees. Medium-fast growth rate.
Edward Goucher Glossy Abelia	<i>Abelia x grandiflora 'Edward Goucher'</i>	SE	6–9	F–S	3'–5'	3'–5'	4'–6'	6.0–8.0		Flowers on new growth. Tolerates city conditions well. May have several blooming cycles per season. Has slender arching branches. Attracts bees. Medium-fast growth rate.
Coral Ardisia	<i>Ardisia crenata</i>	BE	8–10	P–S	2'–4'	2'–4'	1–2'	5.0–7.0		Reseeds itself freely where adequate mulch is provided; invasive in Florida. Will not tolerate full sun. Medium-slow growth rate.
Black Chokeberry	<i>Aronia melanocarpa</i>	D	3–8	F–P	3'–5'	3'–5'	3'–5'	5.5–7.0	X	Similar to red chokeberry, but forms colonies from root suckers and fruit are purplish black. Growth rate is slow, but once established suckers can grow fast.
Dwarf Aucuba	<i>Aucuba japonica 'Nana'</i>	BE	7–10	S	3'–5'	3'–5'	2'–3'	5.5–7.0		See Japanese Aucuba. Medium-fast growth rate.
Black Barberry	<i>Berberis gagnepaini</i>	BE	6–9	F–P	3.5'–5'	4'–6'	3'–4'	6.0–8.0		Flowers grown on old wood. Can be used for bonsai. Medium growth rate.
Crimson Pygmy Japanese Barberry	<i>Berberis thunbergii atropurpurea 'Crimson Pygmy'</i>	D	4–8	F	1.5'–2'	2.5'–3'	2–3'	6.0–8.0		Redleaved dwarf form. Medium growth rate.
Rose Glow Japanese Barberry	<i>Berberis thunbergii atropurpurea 'Rose Glow'</i>	D	4–8	F	~5'	~5'	2'–3'	6.0–8.0		Best color in full sun. More green as shade increases. Good for city conditions. Dwarf forms available. Medium growth rate.
Redleaf Japanese Barberry	<i>Berberis thunbergii atropurpurea</i>	D	4–8	F	~5'	~5'	3'–4'	6.0–8.0		Will not retain red leaf color in deep shade. Good for city conditions. Medium growth rate. Numerous varieties available. Invasive in northeast United States.
Golden Japanese Barberry	<i>Berberis thunbergii 'Aurea'</i>	D	3–8	F	3'–5'	3'–5'	3'–4'	6.0–8.0		Bright yellow leaves in full sun. Several other yellow varieties developed. Medium growth rate.
Harland's Boxwood	<i>Buxus harlandii</i>	BE	6–8	F–P	2'–3'	2'–3'	1'–2'	6.0–7.5		Shallow roots require mulch. Prefers rich, well-drained soils. Medium growth rate.
Japanese Littleleaf Boxwood	<i>Buxus microphylla japonica</i>	BE	6–9	F–P	3'–5'	3'–4'	2'–3'	6.0–7.5		More upright in form. Very fast grower. Medium growth rate.
Korean Boxwood	<i>Buxus microphylla koreana</i>	BE	5–9	F–P	2'–2.5'	2'–2.5'	1'–2'	6.0–7.5		Very small and compact. Medium growth rate.
Richard's Boxwood	<i>Buxus microphylla 'Richardii'</i>	BE	6–9	F–P	3'–6'	3'–4'	1'–2'	6.0–7.5		Very fast grower. Medium growth rate.
Wintergreen Korean Boxwood	<i>Buxus microphylla 'Wintergreen'</i>	BE	6–9	F–P	3'–5'	3'–4'	2'–3'	6.0–7.5		Foliage light green. Larger than Korean and 'Winter Gem' Korean box. Medium growth rate.
Purple Beautyberry	<i>Callicarpa dichotoma</i>	D	5–8	F–P	3'–4'	4'–5'	2'–3'	6.0–8.0		Similar to American Beautyberry but smaller in all respects. Fast growth rate.
Compact Scarlet Bottlebrush	<i>Callistemon citrinus 'Compacta'</i>	BE	8–11	F	~4'	~4'	3'–4'	6.0–7.5		May be killed by severe winters. Flower clusters in form of a bottle brush. Tolerant of salt spray. Can withstand drought. Medium growth rate.



## Small Shrubs — Evergreen — Less than 5 feet

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Bluebeard	<i>Caryopteris x clandonensis</i>	SE	6–9	F	2'–3'	2'–3'	2'–3'	6.0–8.0		Will tolerate some shade. Gray foliage with blue flowers typical, but also gold leaf forms. Small shrub with medium growth rate.
Common Bluebeard	<i>Caryopteris incana</i>	SE	6–9	F	3'–5'	3'–5'	3'–4'	6.0–8.0		Blue or white cultivars, as well as gold leaf forms. Small shrub with medium growth rate.
New Jersey Tea	<i>Ceanothus americanus</i>	SE	4–8	F–S	3'–4'	3'–5'	2'–3'	5.5–7.0	X	Flowers not showy, but related to many western native species with showy flowers. Drought-tolerant. Slow to medium growth rate.
Dwarf Hinoki Falsecypress	<i>Chamaecyparis obtusa 'Nana'</i>	NE	4–8	F–P	2'	3.5'	2'–3'	5.0–6.0		Branchlets may be slightly orange-brown in summer. Not tolerant of air pollution. Variegated forms available. Slow growth rate.
Compact Atlantic Whitecedar	<i>Chamaecyparis thyoides 'Compacta'</i>	NE	3–9	F–P	~2'	~2'	2'–3'	5.5–6.5	X	Dwarf form. Many cultivars. Wild forms grow to be large trees. Wetland species. Slow growth rate.
Goldentwig Dogwood	<i>Cornus sericea 'Flaviramea'</i>	D	3–8	F–P	7'–9'	7'–9'	3'–4'	6.0–8.0		Yellow twigs all year. Showy in winter. Good for contrast against dark structures. Spreads rapidly. Good for moist, well-drained soils. Medium growth rate.
Creeping Cotoneaster	<i>Cotoneaster adpressus</i>	SE	4–8	F–P	1'–1.5'	4'–6'	2–3'	6.0–7.0		One of the slower growing dwarf cotoneasters. Needs well-drained soils. Medium growth rate.
Cranberry Cotoneaster	<i>Cotoneaster apiculatus</i>	SE	4–7	F	~3'	3'–6'	3'–4'	5.5–8.0		Low-growing with showy red fruit in fall. Can be used as a ground cover. Slow growth rate.
Bearberry Cotoneaster	<i>Cotoneaster dammeri</i>	BE	5–7	F	1'–1.5'	~6'	3'–4'	6.0–7.0		One of the best ground covers for moist soils. Frequently roots along the stems. Several cultivars. Medium growth rate.
Rock Cotoneaster	<i>Cotoneaster horizontalis</i>	SE	5–7	F	2'–3'	5'–8'	3'–8'	6.0–7.0		Low-growing with showy red fruit in fall. Can be used as a ground cover. Slow growth rate.
Dwarf Globe Japanese Cryptomeria	<i>Cryptomeria japonica 'Globosa Nana'</i>	NE	5–8	F	2'–3'	2.5'–3.5'	3'–4'	6.0–7.0		Dwarf form of the much larger Cryptomeria. Other dwarf forms are available. Slow growth rate.
Alexandrian-laurel	<i>Danae racemosa</i>	BE	7–9	S	2'–4'	2'–4'	2'–4'	6.0–7.0		Compact shrub with showy red fruit. Slow growth rate.
Rose Daphne	<i>Daphne cneorum</i>	BE	5–7	S	0.5'–1'	1'–2'	1'–3'	6.5–8.0		Compact shrub with very fragrant flowers. A few cultivars with white to pink flowers or variegated foliage. Needs well-drained soils. Slow growth rate.
Winter Daphne	<i>Daphne odora</i>	BE	7–9	S	3'–4'	3'–4'	3'–5'	5.0–7.0		Compact shrub with very fragrant flowers. A few cultivars with white to pink flowers or variegated foliage. Slow growth rate.
Slender Deutzia	<i>Deutzia gracilis</i>	D	4–8	F–P	2'–4'	3'–4'	3'–5'	6.0–7.0		Compact shrub with white spring flowers. Slow to medium growth rate.
Southern Bush-honeysuckle	<i>Diervilla sessilifolia</i>	D	4–7	F–P	3'–5'	3'–5'	3'–5'	6.0–7.0	X	Mountain native. Usually found on cliff ledges. Yellow spring flowers. Medium growth rate.
Paperbush	<i>Edgeworthia papyrifera</i>	D	7–9	F–P	3'–4'	3'–4'	3'–4'	5.5–7.0		Unusual. Produces fragrant, cream-yellow flowers in early spring. Slow growth rate.

## Small Shrubs — Evergreen — Less than 5 feet

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Coral-bean	<i>Erythrina herbacea</i>	D	7–10	F–P	3'–5'	3'–5'	4'–6'	5.5–7.0	X	Bright red tubular flowers in clusters. Winter kills to ground in colder weather. Seed red and toxic (as is plant). Growth rate is fast for suckers on established plant.
Pulchellus Japanese Euonymus	<i>Euonymus japonicus 'Microphyllus'</i>	BE	5–9	F–P	4'–6'	2'–3'	2'–3'	6.0–8.0		Used as a substitute for boxwood. Variegated leaf form available. Medium-fast growth rate.
Tree Ivy or Fatshedera	<i>Fatsyhedera lizei</i>	BE	7–10	P	3'–5'	3'–5'	2'–3'	6.0–7.0		A bi-generic cross between <i>Hedera</i> and <i>Fatsia</i> . Not self supporting. Severe winters will burn foliage. Lower stems tend to be bare. Growth rate is medium fast.
Dwarf Fothergilla	<i>Fothergilla gardnerii</i>	D	5–8	F–P	2'–3'	2'–3'	2'–3'	5.5–7.5	X	Several cultivars available. Related to Witchhazel, but shorter. Slow growth rate.
Dwarf Gardenia	<i>Gardenia radicans</i>	BE	8–10	F–S	2'–3'	3'–4'	2'–3'	5.5–6.0		Can survive most winters in 7b. Has a larger number of pests. Chlorosis common problem due to lack of iron. Sensitive to poor drainage and heavy soils. Medium growth rate.
Smooth Hydrangea	<i>Hydrangea arborescens</i>	D	4–9	F–S	3'–5'	3'–5'	3'–5'	6.0–8.0	X	Native woodland shrub that typically grows on higher pH soil. Flowers not as showy as Bigleaf Hydrangea. Fast growth rate.
Bigleaf Hydrangea	<i>Hydrangea macrophylla</i>	D	6–9	P–S	3'–6'	3'–6'	3'–5'	5.0–7.5		Acid (pH 5.0-5.7) soils produce blue flowers; more alkaline (pH 6.0 and above) soils produce pink flowers. Flowers on 1-year-old wood. Prune only stems that have flowered. Medium-fast growth rate.
Oakleaf Hydrangea	<i>Hydrangea quercifolia</i>	D	5–9	P–S	4'–6'	4'–6'	3'–4'	6.0–8.0	X	Sensitive to heavy, poorly drained soils. Flowers few in dense shade. Relatively short lived. Medium growth rate.
Serrate Hydrangea	<i>Hydrangea serrata</i>	D	6–7	F–P	4'–5'	4'–5'	3'–5'	5.0–6.5		Similar to <i>Hydrangea macrophylla</i> . A few cultivars with flower color from pink to blue. Medium growth rate.
Golden St. Johnwort	<i>Hypericum frondosum</i>	D	5–8	F–P	3'–4'	3'–4'	3'–4'	6.0–7.0	X	Showy yellow blooms. There are several native species of <i>Hypericum</i> . Slow growth rate.
Carissa Chinese Holly	<i>Ilex cornuta 'Carissa'</i>	BE	7–9	F–P	3'–4'	4'–6'	3'–4'	5.0–6.5		A sport of Rotunda Chinese Holly. A recent introduction. Medium growth rate.
Rotunda Chinese Holly	<i>Ilex cornuta 'Rotunda'</i>	BE	6–9	F–P	3'–4'	6'–8'	3'–4'	6.0–7.0		Difficult to tell from Spreading Chinese Holly except lower-growing, denser foliage. Rarely has fruit. Medium growth rate.
Compact Japanese Holly	<i>Ilex crenata 'Compacta'</i>	BE	5–7	F–P	~6'	~6'	3'–4'	6.0–7.0		Both surface and internal drainage must be good for this plant to thrive. Old specimens have interesting irregular forms. Medium growth rate.
Heller Japanese Holly	<i>Ilex crenata 'Helleri'</i>	BE	5–7	P	4'–5'	4'–5'	2'–3'	5.0–6.5		Difficult to transplant. Fruit occurs on new wood. Responds to shearing. Medium growth rate.
Dwarf Yaupon Holly	<i>Ilex vomitoria 'Nana'</i>	D	7–10	F–S	3'–5'	3'–5'	3'–5'	6.0–8.0	X	Berries, when produced, are red. Tolerates city conditions and shearing well. Medium growth rate.
Indigo	<i>Indigofera amblyantha</i>	D	7–9	F	4'–6'	4'–6'	4'–6'	5.5–7.0		Fine textured leaves and clusters of small pink flowers. Legume. Medium growth rate.



## Small Shrubs — Evergreen — Less than 5 feet

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Kirilow Indigo	<i>Indigofera kirilowii</i>	D	5–8	F	2'–3'	1'–2'	2'–3'	6.0–7.0		Fine textured leaves and clusters of small pink flowers. Legume. Forms a colony and can be invasive. Medium growth rate.
Virginia Sweetspire	<i>Itea virginica</i>	D	5–9	F–P	3'–5'	3'–5'	3'–5'	5.5–7.0	X	Grows in wetlands, but often planted on drier sites. Colonial from roots. A few cultivars. Medium to fast growth rate.
Showy Jasmine	<i>Jasminum floridum</i>	SE	7–10	F–P	3'–4'	4'–7'	3'–5'	6.0–8.0		Branches have tendency to climb like a vine if support is nearby. Little maintenance. Mulch plantings heavily, since plants do not compete well with weeds. Semi-evergreen in north and central Mississippi. Medium growth rate.
Winter Jasmine	<i>Jasminum nudiflorum</i>	SE	6–10	F–P	3'–5'	3'–5'	3'–5'	6.0–8.0		Drought tolerant. Very little maintenance. Best in sun. Leaves may fall in early spring. Green stems. Excellent for top of retaining walls where branches can cascade over the wall. Medium growth rate.
Blue Vase Juniper	<i>Juniperus chinensis</i> 'Blue Vase'	NE	4–9	F	4'–5'	3'–4'	4'–6'	6.0–8.0		Should not be planted in confined areas because of large size and fast growth. Will withstand most adverse growing conditions except poorly drained soil. Medium growth rate.
Pfizer Chinese Juniper	<i>Juniperus chinensis</i> 'Pfizeriana'	NE	4–9	F	4'–5'	8'–10'	6'–10'	6.0–8.0		Tolerates city conditions well. Prefers moist soils but will withstand dry ones. Soil must be well-drained. Tolerant of alkaline soils. Medium growth rate.
Pfizer Chinese Juniper 'Pfizeriana Aurea'	<i>Juniperus chinensis</i>	NE	4–9	F	4'–5'	8'–10'	6'–10'	6.0–8.0		Gold form of 'Pfizeriana.' Prefers moist soils but will withstand dry ones. Soil must be well-drained. Tolerant of alkaline soils. Medium growth rate.
Nick's Compact Pfizer Juniper 'Pfizeriana Compacta'	<i>Juniperus chinensis</i>	NE	4–9	F	12"–18"	6'	5'–8'	6.0–8.0		Needles more awl-shaped than Pfizer Juniper. Medium growth rate.
Golden Pfizer Juniper 'Pfizeriana Gold Lace'	<i>Juniperus chinensis</i>	NE	4–9	F	4'–5'	5'–6'	4'–5'	6.0–8.0		Slightly smaller gold form of 'Pfizeriana.' Very decorative. Tolerant of city conditions. Will withstand drought but prefers moist, well-drained soils. Tolerates alkaline soils. Medium-fast growth rate.
San Jose Juniper	<i>Juniperus chinensis</i> 'San Jose'	NE	4–9	F	12"–18"	6'–8'	4'–6'	6.0–8.0		Branches lie flat on the ground. Exhibits both juvenile and mature needles. Has been a popular prostrate juniper for many years. Medium-fast growth rate.
Japanese Garden Juniper	<i>Juniperus procumbens</i>	NE	4–8	F	8"–12"	10'–15'	5'–8'	5.0–7.0		Coarse, stiff branches. Dense growth habit. Medium-fast growth rate.
Variegated Japanese Garden Juniper	<i>Juniperus procumbens</i> 'Variegata'	NE	4–8	F	8"–12"	10'–15'	5'–8'	5.0–7.0		See Japanese Garden Juniper. This form has blue-green foliage with creamy white blotches. Medium growth rate.
Broadmoor Juniper	<i>Juniperus sabina</i> 'Broadmoor'	NE	5–7	F	2'–3'	10'	2'–3'	6.0–7.0		Excellent juniper for ground cover for large areas. Medium growth rate.
Tamarix Juniper	<i>Juniperus sabina</i> 'Tamariscifolia'	NE	4–7	F	~18"	10'–15'	3'–4'	6.0–7.0		Excellent juniper for ground cover for large areas. Sensitive to poorly drained soils. Medium growth rate.
Grey Owl Eastern Redcedar	<i>Juniperus virginiana</i> 'Grey Owl'	NE	2–9	F	~3'	~6'	4'–6'	6.0–7.0		Possible hybrid with <i>J. chinensis</i> 'Pfizeriana.' Nice silver-gray foliage. Medium growth rate.

## Small Shrubs – Evergreen – Less than 5 feet

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Dwarf Crapemyrtle	<i>Lagerstroemia indica</i> and hybrids	D	7–9	F	2'–5'	2'–4'	2'–4'	5.0–6.0		Very shrubby in 6b. Many cultivars with a range of characteristics like flower color. Refer to Crapemyrtle - Flower of the South at <a href="http://extension.msstate.edu/publications/publications/crapemyrtle-flower-the-south">http://extension.msstate.edu/publications/publications/crapemyrtle-flower-the-south</a> .
Common Lavender	<i>Lavandula angustifolia</i>	BE	5–8	F	1'–2'	1'–2'	1'–2'	6.0–7.0		Herbal with aromatic foliage. Grayish foliage with typically purple flowers. Other, less hardy species available. Slow growth rate.
Dog-hobble	<i>Leucothoe axillaris</i>	BE	5–8	P–S	3'–6'	3'–6'	2'–6'	5.5–7.0	X	Also called coast leucothoe and native to the southeast, particularly low areas. Several cultivars. Slow to medium growth rate.
Drooping Leucothoe	<i>Leucothoe fontanesiana</i>	BE	5–9	P–S	3'–6'	3'–6'	2'–6'	5.5–7.0	X	Native to the Apalachian Mountains. Several cultivars. Slow to medium growth rate.
Pheasant-eye	<i>Leycesteria formosa</i>	SE	7–9	P–S	3'–5'	3'–5'	3'–5'	6.0–7.0		Stems typically green; flowers purple in racemes. Medium growth rate.
Fetterbush Lyonia	<i>Lyonia lucida</i>	BE	7–9	P–S	3'–5'	3'–5'	3'–5'	5.5–7.0	X	Coastal plain native with racemes of pinkish white flowers. Slow to medium growth rate.
Oregon Grape Mahonia	<i>Mahonia aquifolium</i>	BE	5–7	F–S	3'–6'	3'–5'	2'–3'	6.0–8.0		Remove older branches each year to encourage low, dense form. Plant increases in size by underground rhizomes. Medium to fast growth rate.
Leatherleaf Mahonia	<i>Mahonia bealei</i>	BE	6–9	P–S	6'–10'	6'–10'	2'–3'	6.0–8.0		Plant blends well with rich browns of brick and woodwork. Remove one-third of tallest canes each spring. Does well on north sides of buildings. Medium growth rate.
Chinese Mahonia	<i>Mahonia fortunei</i>	BE	7–9	P–S	5'–6'	5'–6'	3'–4'	6.0–8.0		Fruit less showy than other mahonias. Will withstand more sun than other mahonias. Slowly spreads by underground rhizomes. Easily pruned to maintain natural form. Slow growth rate.
Dwarf Southern Waxmyrtle	<i>Myrica cerifera</i> var. <i>pumila</i>	BE	7–11	F–P	3'–4'	4'–10'	3'–4'	5.0–7.0	X	Sometimes found in southern MS in dunes. Other dwarfs include 'Fairfax' (4–5 feet), 'Club Med' (3–4 feet), 'Georgia Gem' (12–18 inches tall by 3 feet wide), plus a few others. Growth rate is typically slower compared to the standard form.
Compact/Dwarf Nandina	<i>Nandina domestica</i> (dwarfs)	BE	6–9	F–P	4'–5'	4'–5'	1'–2'	5.5–7.0		'Compacta' and 'Harbour Dwarf,' low-growing, dense form of common nandina; 'Nana,' minimal fruit production, smaller than Compact Nandina, slow growth rate; 'Nana Purpurea' similar to 'Nana,' but foliage is purple-green.
Alabama Snow-wreath	<i>Neviusia alabamensis</i>	D	4–8	P–S	3'–6'	3'–6'	3'–6'	6.5–7.0	X	Rare in wild, but similar to Spirea. Spreads to form colonies. Nice native shrub. Medium growth rate.
Dwarf Flowering Pomegranate	<i>Punica granatum</i> 'Nana'	SE	7–11	F–P	~18"	3–4'	3'–4'	5.5–7.0		Leaves narrow and small. Single orange-red flower during summer. Slow growth rate.
Variiegated Dwarf Firethorn	<i>Pyracantha</i> 'Harlequin'	SE	8–9	F	~6'	~6'	3'–5'	6.0–8.0		May be pruned to keep in bounds. Leaves green with a creamy white margin that turns pinkish with cold weather. May reach up to 6–10 feet tall and 6 feet wide. Slow growth rate.
Indian Hawthorn	<i>Raphiolepis indica</i>	BE	8–10	F–P	4'–6'	4'–6'	3'–4'	5.5–7.0		Many cultivars to select from. 'Ballerina' is most dwarf with deep pink flowers; 'Pink Cloud' is medium in height with light pink flowers; 'Jack Evans' has compact growth and double pink flowers; 'Springtime' is medium to large among Indian hawthorns. Medium-fast growth rate.



<b>Small Shrubs – Evergreen – Less than 5 feet*</b>										
<b>Common Name</b>	<b>Scientific Name</b>	<b>Foliage*</b>	<b>Zones</b>	<b>Light**</b>	<b>Height</b>	<b>Width</b>	<b>Spacing</b>	<b>pH range</b>	<b>Native***</b>	<b>Comments</b>
Gable Hybrid Azalea	<i>Rhododendron 'Gable'</i>	BE	5–8	F–P	2'–4'	2'–4'	2'–4'	5.5–7.0		Many hybrids in many colors. 'Blaauw's Pink,' double, mid-season, is one example. Evergreen. Medium growth rate.
Glen Dale Hybrid Azalea	<i>Rhododendron 'Glenn Dale'</i>	BE	7–8	P–S	3'–6'	3'–6'	3'–4'	5.0–6.0		Developed at U.S. Plant Introduction Station, Glenn Dale, MD. Some selections are 'Buccaneer' (orange-red with dark blotch), 'Copperman' (brilliant orange), 'Evensong' (rose flowers), 'Fashion' (orange-pink flowers), 'Glacier' (white with chartreuse throat). Medium growth rate.
Kurume Azalea	<i>Rhododendron obtusum japonicum</i>	BE	6–7	P–S	3'–6'	3'–6'	3'–4'	5.0–6.0		Popular hybrid azalea. Some selections include 'Coral Bells' (coral flowers, midseason), 'Christmas Cheer' (red, early to midseason), 'Hinodogiri' (scarlet, midseason), 'Snow' (white, midseason), 'Hexe' (deep red, midseason), 'Bridesmaid' (salmon late season). Medium-slow growth rate.
Black Jetbead	<i>Rhodotypos scandens</i>	D	4–8	F–S	3'–6'	4'–9'	3'–5'	5.5–7.0		Can form colonies and can be somewhat invasive. Flowers white in spring followed by black shiny fruit. Medium to fast growth rate.
Fragrant Sumac	<i>Rhus aromatica</i>	D	3–9	F–P	2'–6'	6'–10'	3'–5'	6.5–8.0	X	Native, generally on higher pH soils. Small yellow flower followed by red fruit. Slow to medium growth rate.
Carolina Rose	<i>Rosa carolina</i>	SE	4–9	F–P	3'–6'	3'–6'	3'–5'	6.0–7.0	X	Pink, fragrant flowers from June to July. Suckers freely, so may require some maintenance. Medium to fast growth rate.
Hybrid Roses	<i>Rosa hybrida</i>	V	7–9	F	1'–5'	1'–5'	3'–6'	6.0–7.0		Numerous hybrids. Some may exceed 5 feet. Hardiness variable. In general, hybrid teas have large, pointed buds and long stems; floribundas have medium-sized flowers in flat-topped clusters; heavy-bloomers polyanthas have large flower clusters with individual flowers that are smaller than floribundas; and grandifloras have long-stemmed flowers. Fast growth rate.
Rugose Rose	<i>Rosa rugosa</i>	D	2–7	F	4'–6'	4'–6'	3'–4'	6.0–7.0		Good for exposed, windy sites. Can spread up to 15 feet in a few years. Suckers freely and can be invasive. Roots easily. Fast growth rate.
Prairie Rose	<i>Rosa setigera</i>	D	4–9	F	3'–4'	3'–15'	3'–15'	6.0–7.0	X	Flowers are pink to white from June to July. Can be difficult to maintain. Fast growth rate.
Scotch Rose	<i>Rosa spinosissima</i>	D	4–8	F	3'–4'	3'–4'	3'–4'	6.0–7.0		Flowers are white and pink to yellow from May to June. Can be invasive. Medium to fast growth rate.
Virginia Rose	<i>Rosa virginiana</i>	D	3–7	F	4'–6'	4'–6'	3'–5'	6.0–7.0	X	Pink flowers in June. Suckers freely, so may require some maintenance. Medium to fast growth rate.
Rosemary	<i>Rosmarinus officinalis</i>	BE	7–9	F	2'–4'	2'–4'	2'–3'	5.5–6.5		Favorite in old gardens. Foliage has favorable scent. May be killed by severe winter freezes. Has been used as ground cover in drier soils. Some cultivars available: 'Prostratus' (low, spreading form), 'Albus' (with white flowers), 'Tuscan Blue' (upright with blue flowers). Medium growth rate.
Butcher's Broom	<i>Ruscus aculeatus</i>	BE	7–9	P–S	1.5'–3'	1.5'–3'	1.5'–3'	5.5–6.5		Evergreen that does well in shade. Red fruit ripen in the fall. Slow growth rate.

<b>Small Shrubs – Evergreen – Less than 5 feet*</b>										
<b>Common Name</b>	<b>Scientific Name</b>	<b>Foliage*</b>	<b>Zones</b>	<b>Light**</b>	<b>Height</b>	<b>Width</b>	<b>Spacing</b>	<b>pH range</b>	<b>Native***</b>	<b>Comments</b>
Himalayan Sarcococca	<i>Sarcococca hookeriana</i>	BE	7–9	P–S	4'–6'	4'–6'	3'–5'	5.5–6.5		Dense evergreen for moist, acid, high organic soils. Can form colonies from suckers. Other species are also available, but none are common. Slow to medium growth rate.
Variiegated Serissa	<i>Serissa foetida</i> 'Yellowrim'	BE	7–9	F–P	3'–4'	3'–4'	2'–3'	5.5–6.5		Leaves green with yellow margins. Requires frequent pruning to maintain dense growth. Foliage variegation best in full sun. Has several flowering phases during warm months. Medium growth rate.
Japanese Skimmia	<i>Skimmia japonica</i>	BE	7–9	P–S	3'–4'	3'–4'	2'–3'	5.5–6.5		Small evergreen with fragrant, creamy white flowers. Some varieties and species available, but not common. Can be difficult to grow. Slow growth rate.
Anthony Waterer Spirea Waterer Spirea	<i>Spiraea x bumalda</i> 'Anthony Waterer'	D	4–8	F–P	3'–4'	4'–5'	2'–3'	6.0–7.0		Prune in spring if needed. Excellent summer color. Fast growth rate.
Gold Flame Anthony	<i>Spiraea x bumalda</i> 'Goldflame'	D	6–8	F–P	2'–3'	3'–5'	2'–3'	6.0–7.0		Spring foliage is bronze-gold turning to soft yellow in summer. Medium-fast growth rate.
Reeves Spirea	<i>Spiraea cantoniensis</i>	D	4–9	F–P	4'–6'	4'–6'	3'–5'	6.0–7.0		Double-flowered form available. Flowers a little later than other varieties. Prune after flowering, removing old wood at ground level. Fast growth rate.
Thunberg Spirea	<i>Spiraea thunbergii</i>	D	4–8	F–P	3'–5'	3'–5'	2'–4'	6.0–7.0		Usually first of spiraeas to flower in spring. Late cold spells can kill flower buds. Flowers best in full sun. Colonial and can be invasive. Prune out old wood in spring after flowering. Medium growth rate.
Common Snowberry	<i>Symphoricarpos albus</i>	D	3–7	F–S	3'–6'	3'–6'	2'–5'	6.0–7.0		Similar to Indiancurrant Coralberry, but fruit are white. Native to central North America. Fast growth rate.
Indiancurrent Coralberry	<i>Symphoricarpos orbiculatus</i>	D	2–8	F–S	2'–5'	4'–8'	2'–5'	5.5–7.5	X	Does well in poor soil. Good for use under trees where shade is not dense. Fruit are small and pink to purple in winter ( <i>S. albus</i> has white fruit). Medium growth rate.
Rheingold American Arborvitae	<i>Thuja occidentalis</i> 'Rheingold'	NE	2–7	F	4'–5'	3'–4'	2'–4'	6.0–7.5		Ovate to conical form with gold foliage turning copper to brownish in winter. Slow growth rate.
Mapleleaf Viburnum	<i>Viburnum acerifolium</i>	D	4–8	P–S	4'–6'	4'–6'	3'–4'	5.5–7.0	X	Deciduous, native, and rare in Mississippi. Slow growth rate.
Koreanspice Viburnum	<i>Viburnum carlesii</i>	BE	5–8	F–P	4'–6'	4'–6'	3'–4'	5.5–7.0		Evergreen shrub. Flowers pink to white in spring. Very fragrant. Slow growth rate.
Service Viburnum	<i>Viburnum utile</i>	BE	6–8	P–S	4'–6'	4'–6'	3'–4'	5.5–7.0		Evergreen shrub. Flowers white in spring. Slow growth rate.
Adam's Needle Yucca	<i>Yucca filamentosa</i>	BE	5–9	F–S	3'–6'	2'–4'	3'–4'	5.5–7.0	X	Tolerates most areas except wet soils. Variegated forms available. Leaves less rigid than Aloe Yucca. Leaf margins have filaments. Sometimes called bear grass. Slow growth rate.
Small Soapweed	<i>Yucca glauca</i>	BE	4–8	F–S	3'–4'	2'–3'	3'–4'	5.5–7.0	X	Tolerates most areas except wet soils. Leaves less rigid than Aloe Yucca. Leaf margins have few or no filaments. Sometimes called bear grass. Slow growth rate.
Curveleaf Yucca	<i>Yucca recurvifolia</i>	BE	6–9	F–S	3'–6'	2'–4'	3'–4'	5.5–7.0	X	Tolerates most areas except wet soils. Similar to <i>Y. gloriosa</i> , but foliage is recurved. Leaf margins lack filaments. Slow growth rate.

## Medium Shrubs – 5-10 feet

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Glossy Abelia	<i>Abelia x grandiflora</i>	SE	6-9	F-S	3'-6'	3'-6'	4'-6'	6.0-8.0		Flowers on new growth. Tolerates city conditions well. May have several blooming cycles per season. Tends to accumulate deadwood. Attracts bees. Medium-fast growth rate.
Red Chokeberry	<i>Aronia arbutifolia</i>	D	4-9	F-P	6'-10'	3'-5'	5'-8'	5.5-7.0	X	Clusters of small, white to reddish flowers in spring that produce red fruit in fall. Slow growth rate.
Japanese Aucuba	<i>Aucuba japonica</i>	BE	7-10	P-S	6'-10'	6'-10'	3'-4'	5.5-7.0		Needs damp but well-drained soil. Sunburns in full sun; wind burns in winter. Plant no deeper than grown in nursery. Medium to slow growth rate. 'Picturata,' leaves with prominent yellow splotch and slow growth rate; 'Variegata,' leaves with yellow specks or tiny spots and medium growth rate.
Wintergreen Barberry	<i>Berberis julianae</i>	BE	5-8	F-P	6'-8'	6'-8'	2'-3'	6.0-8.0		Reported to be hardiest evergreen barberry. Low maintenance. Difficult to transplant. Flowers on old wood. Medium growth rate.
Mentor Barberry	<i>Berberis x mentorensis</i>	SE	5-8	F-P	5'-6'	5'-7'	3'-5'	6.0-8.0		Tolerates city conditions well. Medium growth rate.
Butterfly-bush	<i>Buddleia davidii</i>	SE	5-9	F	5'-10'	5'-10'	4'-8'	6.0-7.0		Many cultivars with flower color ranging from white to dark purple. Can be invasive. Growth rate is fast from established plants.
Lindley's Butterfly-bush	<i>Buddleia lindleyana</i>	SE	7-9	F	4'-6'	4'-6'	3'-5'	6.0-7.0		Flowers are purple-violet. A few cultivars have been developed. Growth rate is fast from established plants.
Honeycomb Butterfly-bush	<i>Buddleia x weyeriana</i> 'Honeycomb'	SE	5-9	F	5'-10'	5'-10'	4'-8'	6.0-7.0		Flowers are yellow. Growth rate is fast from established plants.
American Beautyberry	<i>Callicarpa americana</i>	D	7-11	F-P	3'-8'	3'-8'	3'-5'	6.0-8.0	X	Fruits more in full sun. Tolerates very poor soil conditions. Fruit persists for relatively short time. Fast growth rate.
White American Beautyberry	<i>Callicarpa americana</i> 'Lactea'	D	7-11	F-P	3'-8'	3'-8'	3'-5'	6.0-8.0	X	See American Beautyberry. Fast growth rate.
Bodinier Beautyberry	<i>Callicarpa bodinieri</i>	D	6-8	F-P	6'-10'	6'-10'	3'-4'	6.0-8.0		Similar to American Beautyberry but slightly larger. Arching branch habit. Fast growth rate.
Japanese Beautyberry	<i>Callicarpa japonica</i>	D	5-8	F-P	4'-6'	4'-6'	3'-4'	6.0-8.0		Similar to American Beautyberry. Some cultivars have been developed. Fast growth rate.
Sweet Shrub	<i>Calycanthus floridus</i>	D	5-9	F-P	6'-9'	6'-12'	4'-8'	6.0-7.0	X	Native shrub worthy of more use in landscapes. At least two botanical varieties and several cultivars. Often associated with old southern landscapes. Also called Carolina Allspice. Medium growth rate.
Buttonbush	<i>Cephalanthus occidentalis</i>	D	5-11	F	4'-8'	3'-6'	3'-4'	5.5-7.0	X	Common wetland shrub with globose white inflorescences similar to a pin-cushion. Not drought tolerant. Medium growth rate.
Common Flowering Quince	<i>Chaenomeles speciosa</i>	D	4-8	F	6'-10'	6'-10'	5'-8'	6.0-7.0		Early spring color. Sheds leaves early in fall. May flower sparsely in lower south. Several cultivars and flower colors. Medium growth rate.
Mexican-orange	<i>Choisya ternata</i>	BE	7-10	F-P	6'-8'	6'-8'	4'-5'	5.5-6.5		Compact shrub from Mexico. Needs well-drained soil. Medium growth rate.



## Medium Shrubs – 5-10 feet

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Summersweet Clethra	<i>Clethra alnifolia</i>	D	4-9	F-P	4'-8'	4'-6'	3'-5'	5.5-7.0	X	Produces white racemes of fragrant blooms in summer. Several cultivars available including some with pink flowers. Slow to medium growth rate.
Redosier Dogwood	<i>Cornus sericea</i>	D	2-7	F-P	7'-9'	7'-10'	6'-10'	5.5-7.0		Native to north U.S. but not to south; does not do well 7b south. New stems red, except some cultivars like 'Flaviramea' (Goldentwig Dogwood). Fast growth rate.
Redtwig Dogwood	<i>Cornus sericea var. coloradensis</i>	D	2-7	F-P	7'-9'	7'-10'	4'-6'	6.0-8.0		See Redosier Dogwood. Red twigs throughout winter. Excellent for contrast with light-colored structures. Needs room to develop. May require annual pruning. Medium growth rate.
Spreading Cotoneaster	<i>Cotoneaster divaricatus</i>	SE	4-7	F	5'-6'	5'-8'	4'-6'	6.0-8.0		Can be used as a hedge, but multifaceted. Red fruit in fall. Susceptible to fire blight. Medium to fast growth rate.
Parney Cotoneaster	<i>Cotoneaster lacteus</i>	BE	6-8	F	6'-10'	6'-10'	5'-10'	6.0-7.0		White spring flowers followed by red fruit in fall persisting into winter. Several cultivars available. Medium growth rate.
Alabama Croton	<i>Croton alabamensis</i>	BE	6-8	F-P	4'-6'	3'-5'	3'-5'	6.0-8.0	X	Typically grows on high pH rock outcrops and rare in the wild. Unusual. Slow growth rate.
Fuzzy Deutzia	<i>Deutzia scabra</i>	D	4-8	F-P	6'-10'	4'-8'	4'-6'	6.0-8.0		Good plant for city conditions. Full sun is best. Easy to transplant. Variegated forms available. Grown for profusion of flowers. Fast growth rate.
American Euonymus	<i>Euonymus americanus</i>	SE	6-9	F-S	4'-6'	4'-6'	3'-5'	6.0-7.0	X	Also called Strawberry-bush. Colonial shrub with green twigs and red, hanging fruit. Growth is fast for suckers on established plants.
Japanese Euonymus	<i>Euonymus japonicus</i>	BE	7-9	F-P	5'-10'	3'-6'	3'-6'	6.0-7.0		Variegated forms may revert to this green form. Similar upright form. Scale a problem. Medium to fast growth rate.
Variegated Japanese Euonymus	<i>Euonymus japonicus</i> Cultivars	BE	7-9	F-P	5'-10'	3'-6'	3'-5'	6.0-8.0		'Aureomarginatus' (Gold Spot), leaves gold-margined; 'Aureovariegatus,' leaves with gold center; 'Silver King,' leaves with creamy-white margins; upright form 'Silver Queen,' leaves with creamy-white margins, spreading form. Color better in sun. Upright form and large. Scale a common problem. Medium growth rate.
Manhattan Spreading Euonymus	<i>Euonymus kiautschovicus</i> 'Manhattan'	BE	5-8	F-P	4'-6'	4'-6'	4'-6'	6.0-8.0		Foliage and fruit may be poisonous. Scale is a common problem. Tolerant of a wide range of conditions. Medium-fast growth rate.
Japanese Aralia	<i>Fatsia japonica</i>	BE	8-10	P-S	6'-10'	6'-10'	5'-8'	6.0-8.0		May not be hardy in Zone 7b north, but may survive most winters. Burns in full sun. Tolerant of salt spray. Good for tropical effect. Medium-fast growth rate.
Large Fothergilla	<i>Fothergilla major</i>	D	4-8	F-P	6'-8'	5'-7'	4'-6'	5.5-7.5	X	Related to Witchhazel. Medium growth rate.
Cape Jasmine or Gardenia	<i>Gardenia jasminoides</i>	BE	8-10	F-P	4'-6'	4'-6'	3'-5'	5.5-6.0		Can survive most winters in 7b. A popular plant in old gardens in the South. Sensitive to heavy, poorly drained soils. Iron chlorosis in alkaline soils. Several cultivars. Medium growth rate.
Dwarf Burford Chinese Holly	<i>Ilex cornuta</i> 'Burfordii Nana'	BE	7-9	F-P	5'-8'	5'-8'	4'-6'	6.0-7.0		Can be pruned to restrict growth. Tolerant of most growing conditions except poorly drained soils. Slow growth rate.

## Medium Shrubs – 5-10 feet

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Spreading Chinese Holly	<i>Ilex cornuta</i> 'Femina Spreading'	BE	7-9	P	4'-6'	4'-6'	3'-6'	6.0-7.0		Very heavy berry production. Very wide spreading. No pollination needed for berry production. Fruits on old wood. Medium to fast growth rate.
Convexleaf Japanese Holly	<i>Ilex crenata</i> 'Convexa'	BE	5-7	F-P	5'-8'	8'-15'	4'-8'	5.0-6.5		May be difficult to transplant, especially in large sizes. Good substitute for boxwood. Fairly tolerant of most conditions. Medium to fast growth rate.
Hetz Japanese Holly	<i>Ilex crenata</i> 'Hetzii'	BE	5-7	F-P	6'-8'	8'-15'	4'-8'	5.0-6.5		Taller growing than Heller Japanese Holly. May do best in part shade in hotter areas. Responds to fertilizer. Fruits on new wood. Medium growth rate.
Inkberry	<i>Ilex glabra</i>	BE	4-9	F-P	6'-8'	8'-10'	3'-5'	4.0-5.0	X	Clump-forming in nature. Black fruit distinguishes this holly from most native species. Several cultivars available. Medium to fast growth rate.
Common Winterberry	<i>Ilex verticillata</i>	D	3-9	F-P	6'-10'	8'-10'	3'-5'	4.0-5.0	X	Native, typically along creeks. Colonial in nature. Red fruit on female only. Both male and female cultivars available. Medium growth rate.
Japanese Anise-Tree	<i>Illicium anisatum</i>	BE	7-9	P-S	6'-10'	5'-8'	4'-6'	5.5-6.5		Leaves aromatic with fragrance of anise when crushed. Fast growth rate.
Star Bush	<i>Illicium floridanum</i>	BE	7-9	P-S	6'-10'	5'-8'	4'-6'	5.5-6.5	X	Used like Japanese Camellia. Flowers have unpleasant odor. Cannot tolerate heavy shade. Fast growth rate.
Double Flowering Japanese Kerria	<i>Kerria japonica</i> 'Flora Pleno'	D	4-9	F-S	3'-6'	6'-9'	5'-8'	5.5-7.5		Best in partial sun. Sun bleaches flowers. Fibrous roots. Sometimes difficult to transplant. Transplanting requires clump of green stems. Better suited to central and north Mississippi. Fast growth rate.
Beautybush	<i>Kolkwitzia amabilis</i>	D	4-8	F-P	6'-10'	5'-8'	5'-8'	5.5-7.0		Related to bush honeysuckles. Flowers pink in spring. Fast growth rate.
Semi-dwarf Crapemyrtle	<i>Lagerstroemia indica</i> and hybrids	D	7-9	F	5'-10'	5'-10'	5'-8'	5.0-6.0		Very shrubby in 6b. Many cultivars with a range of characteristics like flower color. Refer to Crapemyrtle - Flower of the South at <a href="http://extension.msstate.edu/publications/publications/crapemyrtle-flower-the-south">http://extension.msstate.edu/publications/publications/crapemyrtle-flower-the-south</a> .
Spicebush	<i>Lindera benzoin</i>	D	4-9	P-S	6'-12'	6'-12'	5'-10'	5.5-6.5	X	Native, particularly on wet, rich soils. Shiny red fruit in fall, except in yellow-fruited forms. Slow to medium growth rate.
Little Volcano Bush Clover	<i>Lespedeza liukiensis</i> 'Little Volcano'	D	6-9	F	4'-8'	6'-8'	3'-5'	5.5-6.5		New introduction to the U.S.; invasive potential still not fully known. Similar to <i>L. bicolor</i> and <i>L. thunbergii</i> , but form is more upright and dense. Medium to fast growth rate.
Loropetalum	<i>Loropetalum chinense</i>	BE	6-9	F-S	6'-10'	6'-10'	5'-25'	5.5-7.0		Several cultivars. Very attractive when in flower. Should not be used in an open, wind-swept area. Grows best in part sun to shade. Medium to fast growth rate.
Texas Silverleaf	<i>Leucophyllum frutescens</i>	BE	8-10	F	5'-8'	4'-6'	4'-6'	6.5-8.0		Native to Southwest with gray foliage and purple flowers, although other flower colors available. Some compact forms available. Good for hot, dry locations. Slow growth rate.
Chinese Neillia	<i>Nellia sinensis</i>	D	5-7	F-S	5'-6'	5'-6'	4'-6'	6.5-7.0		Similar to Spiraea. Deciduous shrub flowering in spring. Needs well-drained soil. Medium growth rate.
Hybrid Mockorange	<i>Philadelphus x lemoinei</i>	D	5-8	F-P	4'-6'	3'-5'	3'-5'	6.0-7.0		Several cultivars, some of which are highly fragrant. Slow to medium growth rate.

## Medium Shrubs – 5-10 feet

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Common Ninebark	<i>Physocarpus opulifolius</i>	D	2-7	F-P	5'-10'	6'-10'	5'-8'	6.0-8.0	X	Native just north of MS and typically found along rocky streams. Purple-leaf (such as 'Diablo') and yellow-leaf (such as 'Dart's Gold') forms available. Medium to fast growth rate.
Dwarf Mugo Pine	<i>Pinus mugo</i> var. <i>mugo</i>	NE	3-7	F-P	6'-8'	10'-15'	5'-8'	5.5-6.5		One of few shrub pines available. Often used in oriental designs. Not well adapted to Zone 7b south. Slow growth rate.
Variegated Tobira Pittosporum	<i>Pittosporum tobira</i> 'Variegata'	BE	7-10	F-P	6'-8'	8'-10'	5'-8'	6.0-7.5		See Tobira Pittosporum. Variegated foliage gray-green with white markings, but may revert to green form. Other variegated forms available. May need protection in Zone 7. Fast growth rate.
Berckman's Golden Arborvitae	<i>Platycladus orientalis</i> 'Aurea Nana'	NE	5-11	F-P	5'-8'	3'-5'	4'-5'	6.0-7.5		Formal shape of plant lends itself to formal gardens. Green branchlets tipped with golden-yellow. Once classified in the genus Thuja. Slow growth rate.
Baker Oriental Arborvitae	<i>Platycladus orientalis</i> 'Bakeri'	NE	6-11	F-P	5'-8'	3'-5'	4'-5'	6.0-7.5		Excellent plant for hot, dry locations. Plant shape complements formal landscape designs. Can get larger with age. Once classified as Thuja. Medium growth rate.
Double Flowering Almond	<i>Prunus glandulosa</i>	D	4-8	F	4'-5'	3'-4'	3'-5'	5.5-6.5		Very attractive in flower. May be used for cut flowers. Medium growth rate.
Flame Azalea	<i>Rhododendron calendulaceum</i>	D	5-7	P-S	4'-8'	4'-8'	3'-6'	4.0-6.0	X	Native to the Apalachian Mountains. Several cultivars. Flowers May to June. Can reach 15 feet with age. Slow to medium growth rate.
Oconee Azalea	<i>Rhododendron flammeum</i>	D	6-7	P-S	6'-8'	6'-8'	4'-6'	4.0-6.0	X	Native to the southern Appalachians. Deciduous. A few cultivars with flower colors ranging from yellow, pink, and salmon to orange-red. Flowers in April. Slow to medium growth rate.
Southern Indica Azalea	<i>Rhododendron indicum</i>	BE	7-9	F-S	5'-10'	5'-10'	4'-6'	4.0-6.0		Well-drained soil essential. Some selections are 'Elegans' (light pink, very early), 'President Clay' (orange-red, early), 'Brilliant' (rose-pink, early- to mid-season), 'Formosa' (rose-lavender, early- to midseason), 'Pride of Mobile' (watermelon-pink, midseason), 'Mrs. G. G. Gerbing' (white). Medium-fast growth rate.
Pinxterbloom Azalea	<i>Rhododendron periclymenoides</i>	D	4-8	P-S	4'-6'	4'-6'	3'-5'	4.5-5.5	X	Flowers before foliage (deciduous) appears. Flowers on last year's wood. Native to the east-central U.S. Flowers April to May. Medium growth rate.
Swamp Azalea	<i>Rhododendron viscosum</i>	D	4-9	P-S	1'-8'	3'-8'	2'-6'	4.0-5.5	X	Native from the Atlantic to the Gulf Coast. Deciduous. A few cultivars with flower color ranging from yellow to pink and red to white. Flowers mid-May to June. Slow to medium growth rate.
Clove Currant	<i>Ribes odoratum</i>	D	3-7	P-S	6'-8'	6'-8'	3'-6'	6.0-7.0	X	Native from Arkansas north and west, so not as tolerant to southern summers. Susceptible to anthracnose. Flowers yellow and fragrant followed by edible fruit. Slow to medium growth rate.
Bristly Locust	<i>Robinia hispida</i>	D	5-8	F-P	6'-10'	6'-10'	4'-6'	6.0-7.0	X	Native to Alabama and Georgia to Virginia and Kentucky. A colonial shrub with hispid branches. Flowers showy, pink, pendant. Fast growth rate once established.
Ural Falsespirea	<i>Sorbaria sorbifolia</i>	D	2-7	F-P	5'-10'	5'-10'	3'-8'	6.0-7.0		Rather coarse, multistemmed, colonial shrub. Flowers white in rather large panicles, June to July. Fast growth rate.



## Medium Shrubs – 5-10 feet

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Double Bridal Wreath Spirea	<i>Spiraea prunifolia plena</i>	D	5-8	F-S	4'-9'	6'-8'	3'-5'	6.0-7.0		Flowers appear before leaves. May be used as ground cover along steep banks. Spreads by underground shoots and forms a thicket; can be invasive. Prune out old wood at ground level after flowering. Medium growth rate.
Vanhoutte Spirea	<i>Spiraea x vanhouttei</i>	D	3-8	F-P	6'-8'	10'-12'	5'-8'	6.0-7.0		Widely used and very attractive. Very good plant in conjunction with azaleas. Good for city conditions. Flowers better in full sun. Easily transplanted. Prune old wood to ground after flowering in spring. Fast growth rate.
American Snowbell	<i>Styrax americanus</i>	D	5-9	F-P	6'-8'	4'-6'	4'-6'	5.5-6.5	X	Native wetland shrub or small tree. Flowers white and showy. Medium growth rate.
Littleleaf Lilac	<i>Syringa microphylla</i>	D	4-8	F-P	4'-6'	9'-12'	5'-8'	5.5-6.5		Leaves small; flowers purple, very fragrant. Slow to medium growth rate.
Variegated Japanese Cleyera	<i>Ternstroemia gymnanthera</i> 'Variegata'	BE	7-10	P-S	6'-8'	4'-5'	4'-5'	5.5-7.0		Often listed as <i>Cleyera japonica</i> 'Variegata' or 'Tricolor.' Older specimens may get much taller. Takes pruning well. Tolerant of dry soils and competition. Medium-fast growth rate.
Globe American Arborvitae	<i>Thuja occidentalis</i> 'Woodwardii'	NE	3-7	F	6'-8'	10'-18'	4'-8'	6.0-7.5		Globose in shape. May split apart with age, especially in ice or snow. Slow to medium growth rate.
Arrowwood Viburnum	<i>Viburnum dentatum</i>	D	6-8	F-S	6'-10'	6'-10'	4'-6'	5.0-6.0	X	A few cultivars available. Other similar native Viburnums occur in MS. Good for city conditions or seaside. Many shoots originate from the base. Native Americans used this plant for arrow shafts. May be thicket-forming in moist areas. Needs room to develop. Fast growth rate.
Japanese Viburnum	<i>Viburnum japonicum</i>	BE	7-9	F-S	6'-8'	6'-8'	3'-4'	5.5-6.5		Does best in part shade. Not widely grown. Sometimes confused with <i>V. awabuki</i> . Medium-fast growth rate.
Chinese Snowball Viburnum	<i>Viburnum macrocephalum</i>	SE	6-9	F-S	6'-10'	4'-8'	4'-6'	5.5-6.5		Semi-evergreen shrub to small tree. Large snowball-like inflorescences produced in late spring. Medium growth rate.
Weigela	<i>Weigela florida</i>	D	5-8	F	6'-9'	9'-12'	5'-8'	5.5-6.5		Does not grow well in coastal areas that are hot and humid. Many cultivars. Popular shrub in old southern gardens. Medium growth rate.
Aloe Yucca	<i>Yucca aloifolia</i>	BE	8-11	F-P	6'-8'	4'-6'	3'-5'	5.0-7.0	X	Heat- and drought-tolerant plant. Old plants form large clumps with irregular stems. Leaves are stiff, ending in sharp spines. Not recommended for use near walkways or in yards where young children will play. Medium growth rate.
Moundlily Yucca	<i>Yucca gloriosa</i>	BE	6-9	F-P	6'-8'	4'-6'	3'-5'	5.5-7.0	X	Flowers staggered over a long period in mass plantings. One of most manageable of yuccas. Old plantings form multiple stems. Drought tolerant. Medium-slow growth rate.

## Large Shrubs – 10 feet or more

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Flame Buckeye	<i>Aesculus pavia</i>	D	4–8	F–P	10'–20'	10'–20'	5'–8'	6.0–7.0	X	Fruit is poisonous to livestock and humans. New growth is coppery in color. Not easily transplanted. Flowers are red. Can grow to be a small tree. Fast growth rate.
Bottlebrush Buckeye	<i>Aesculus parviflora</i>	D	4–8	F–P	8'–12'	8'–15'	8'–15'	6.0–7.0	X	Spreading colonial shrub.
Tag Alder	<i>Alnus serrulata</i>	D	5–9	F–P	6'–20'	6'–20'	6'–10'	5.5–7.0	X	Has catkins in spring followed by dark green foliage through summer. Tolerant of very wet soils. Medium growth rate.
Indigobush Amorpha	<i>Amorpha fruticosa</i>	D	4–9	F–P	6'–20'	5'–15'	6'–10'	5.5–7.0	X	Fine-textured compound leaves. Deep purple blooms, although white and blue forms exist. Tolerant of poor, wet soils. Can be weedy on the landscape.
Eastern Baccharis	<i>Baccharis halimifolia</i>	SE	5–9	F	10'–12'	6'–10'	7'–10'	7.0–8.0	X	Can thrive in brackish water. Good for poorly drained soils, but can be invasive. Dioecious; males do not produce the silver or white color in fall. Medium to fast growth rate.
Hollygreen Barberry	<i>Berberis pruinosa</i>	BE	6–9	F–P	8'–10'	8'–10'	5'–7'	6.0–8.0		Taller and more vigorous than Wintergreen Barberry. Less hardy than other barberries. Flowers on old wood. Medium growth rate.
Alternate-leaf Butterfly-bush	<i>Buddleia alternifolia</i>	SE	5–7	F	10'–20'	6'–12'	5'–6'	7.0–8.0		Willow-like texture with grayish color. Prefers well-drained soils. Growth rate is fast from established plants.
Common Boxwood	<i>Buxus sempervirens</i>	BE	5–6	F–P	15'–20'	10'–15'	3'–4'	6.0–7.5		Good for hedging. Some cultivars adapted to Zone 8, and author has seen old shrubs in 7b. Grows equally well in alkaline or acid soils. Larger than Littleleaf Boxwood. Old specimens may reach 30 feet. Many cultivars. Medium growth rate.
Scarlet Bottlebrush	<i>Callistemon citrinus</i>	BE	8–11	F	10'–15'	10'–15'	5'–8'	6.0–7.5		May be killed by severe winters. Red flower clusters in form of a bottle brush. Tolerant of salt spray. Can withstand drought. Medium to fast growth rate.
Stiff Bottlebrush	<i>Callistemon rigidus</i>	BE	9–11	F	8'–10'	8'–10'	4'–8'	6.0–7.0		May be killed by severe winters. Red flower clusters in form of a bottle brush. Tolerant of salt spray. Can withstand drought. Medium growth rate.
Alpine Bottlebrush	<i>Callistemon sieberi</i>	BE	7–9	F	6'–10'	6'–10'	4'–8'	6.0–7.0		Light yellow flower clusters in form of a bottle brush. Can withstand drought. Medium growth rate.
Japanese Camellia	<i>Camellia japonica</i>	BE	7–9	F–S	10'–15'	6'–10'	4'–6'	4.5–5.5		Provide protection from sun in middle of day. Compact in full sun; more open with more shade. Many selections available. Medium-slow growth rate.
Sasanqua Camellia	<i>Camellia sasanqua</i>	BE	6–9	P–S	6'–10'	5'–8'	4'–6'	4.5–6.5		Prefers less acid soil than Japanese Camellia. More cold-hardy. Flowers and foliage burn in full sun. Plant shallow where drainage is poor. Medium growth rate.
Japanese Plum Yew	<i>Cephalotaxus harringtonia</i>	NE	6–9	F–S	5'–20'	5'–20'	3'–10'	6.5–7.0		Several cultivars available from dwarf to fastigate (columnar). Slow growth rate.
Chinese Plum Yew	<i>Cephalotaxus fortunei</i>	NE	7–9	F–S	15'–20'	8'–15'	5'–10'	6.5–7.0		Not as common as Japanese Plum Yew in cultivation. Slow growth rate.

## Large Shrubs – 10 feet or more

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Chinese Redbud	<i>Cercis chinensis</i>	D	6–9	F–P	8'–10'	6'–8'	5'–8'	5.5–7.5		Flowers more intense in color. Smaller than Eastern Redbud. Shrub-like for several years. Hard to transplant as mature tree. Medium growth rate.
Blue Falsecypress	<i>Chamaecyparis pisifera</i> 'Boulevard'	NE	5–8	F	15'–20'	10'–15'	3'–5'	6.0–7.0		May develop to adult foliage and become much taller. Very attractive but not widely grown. Slow growth rate.
Sawara Falsecypress	<i>Chamaecyparis pisifera</i> 'Filifera'	NE	4–8	F	15'–20'	10'–15'	10'–15'	6.0–7.0		Fine textured, weeping form. Good for accenting. Can grow to be a 50-foot tree. Susceptible to juniper blight. Medium growth rate.
Sawara Falsecypress	<i>Chamaecyparis pisifera</i> 'Filifera Aurea'	NE	4–8	F	15'–20'	10'–15'	10'–15'	6.0–7.0		Fine textured, weeping form with yellow foliage. Good for accenting. Can grow to be a 20-foot tree. Susceptible to juniper blight. Medium growth rate.
Fragrant Wintersweet	<i>Chimonanthus praecox</i>	D	6–9	F–S	10'–15'	8'–12'	6'–10'	6.0–7.0		Flowers yellow, fragrant. Some cultivars developed. Slow growth rate.
Chinese Fringetree	<i>Chionanthus retusus</i>	D	6–8	F–P	15'–25'	15'–20'	15'–20'	6.0–7.0		Similar to White Fringetree, but shorter petals and probably less showy. Can grow to be a small tree. Slow growth rate.
White Fringetree	<i>Chionanthus virginicus</i>	D	4–9	F–P	25'–30'	25'–30'	20'–25'	6.0–7.0	X	Also known as Grancy Gray-beard. Popular shrub or small tree with age. Male and female trees. Slow growth rate.
Japanese Clethra	<i>Clethra barbinervis</i>	D	5–7	F–P	10'–20'	8'–15'	5'–10'	5.5–7.0		Produces white racemes of slightly fragrant blooms in summer. May grow to a small tree with age. Slow to medium growth rate.
Buckwheat-tree	<i>Cliftonia monophylla</i>	BE	7–9	F–P	6'–12'	4'–10'	3'–8'	5.5–7.0	X	White or pink flowers in racemes. Wetland shrub; may grow to a tree with age. Medium growth rate.
Silky Dogwood	<i>Cornus amomum</i>	D	4–8	F–P	6'–10'	6'–10'	4'–8'	5.5–7.0	X	Small, white flowers in clusters followed by dark bluish fruit. Wetland shrub or small tree in the wild. Medium to fast growth rate.
Drummond's Dogwood	<i>Cornus drummondii</i>	D	4–9	F–P	20'–25'	10'–20'	10'–20'	5.5–7.0	X	Similar to Silky Dogwood, except fruit are white. Suckers profusely and can be aggressive. Growth rate is slow, but shoots are fast.
Swamp Dogwood	<i>Cornus foemina</i>	D	6–9	F–P	20'–25'	10'–20'	10'–20'	5.5–7.0	X	Very similar to Silky Dogwood, except larger. Wetland shrub or small tree in the wild. Medium to fast growth rate.
Gray Dogwood	<i>Cornus racemosa</i>	D	3–8	F–P	10'–15'	10'–15'	10'–15'	5.5–7.0	X	Similar to Drummond's Dogwood, except fruit are white to bluish-white and inflorescence more paniculate. Suckers profusely and can be aggressive. Growth rate is slow, but shoots are fast.
Bloodtwig Dogwood	<i>Cornus sanguinea</i>	D	4–8	F–P	6'–15'	6'–15'	5'–7'	5.5–7.0		Red stems showy in winter, but needs pruning. Several cultivars available. Growth rate is slow to medium, but fast for suckers.
Fragrant Winterhazel	<i>Corylopsis glabrescens</i>	D	5–8	F–P	8'–15'	8'–15'	6'–10'	5.5–7.0		Flowers fragrant. Related to Witchhazel. Can be grown as a small tree. Slow to medium growth rate.
American Filbert	<i>Corylus americana</i>	D	4–9	F–P	8'–15'	6'–10'	6'–8'	5.5–7.0	X	Produces catkins in spring. Fruit (nut) edible. Often colonial. Medium to fast growth rate.
European Filbert	<i>Corylus avellana</i>	D	4–8	F–P	12'–20'	10'–15'	10'–15'	5.5–7.0		Similar to American Filbert. Can grow to be a small tree. Several cultivars, including the common 'Contorta' or Harry Lauder's Walkingstick. Medium to fast growth rate.



<b>Large Shrubs – 10 feet or more</b>		<b>Foliage*</b>	<b>Zones</b>	<b>Light**</b>	<b>Height</b>	<b>Width</b>	<b>Spacing</b>	<b>pH range</b>	<b>Native***</b>	<b>Comments</b>
<b>Common Name</b>	<b>Scientific Name</b>									
Common Smoketree	<i>Cotinus coggygria</i>	D	5–8	F	10'–15'	10'–15'	10'–15'	5.5–7.0		Most forms are purple. Several cultivars available. Medium growth rate.
American Smoketree	<i>Cotinus obovatus</i>	D	4–8	F–S	20'–30'	20'–30'	20'–30'	6.0–8.0	X	Also called Chittamwood. Grows on high-pH soils or rock in the wild. Can become a small tree with age. Slow to medium growth rate.
Willowleaf Cotoneaster	<i>Cotoneaster salicifolius</i>	BE	6–7	F	10'–15'	8'–12'	6'–10'	6.0–7.0		White flowers in spring followed by red fruit in fall persisting into winter. Medium growth rate.
Swamp Cyrilla	<i>Cyrilla racemiflora</i>	SE	6–11	F–P	10'–15'	10'–15'	8'–12'	5.5–7.0	X	White flowers in tassels. Wetland plant in the wild. Eventually a small tree. Medium growth rate.
Isu Tree	<i>Distylium racemosum</i>	BE	6–9	P	7'–10'	7'–10'	7'–10'	5.5–6.0		Produces reddish-maroon flowers in spring. Will eventually be a small tree. Medium growth rate.
Common Pearlbush	<i>Exochorda racemosa</i>	D	4–8	F–P	10'–15'	10'–15'	5'–8'	5.5–6.0		Somewhat difficult to transplant. Requires little pruning. Profusion of white flowers in spring. Can be grown as a small tree. Medium growth rate.
Pineapple Guava	<i>Feijoa sellowiana</i>	BE	8–10	F–S	10'–15'	8'–10'	5'–8'	6.0–7.5		Tolerant of salt spray. Very intolerant of poorly drained soils. Several cultivars listed but hard to find in the trade. Medium growth rate.
Common Fig	<i>Ficus carica</i>	D	7–10	F–P	10'–15'	10'–15'	10'–15'	5.5–7.5		'Mission,' 'Celeste,' 'Brown Turkey,' and 'Magnolia' often grown for home fruit production. Selective pruning keeps plant in bounds. Medium to fast growth rate.
Fortune Fontanesia	<i>Fontanesia fortunei</i>	D	4–8	F–P	12'–15'	12'–15'	10'–15'	5.5–7.0		Fine-textured large shrub or small tree (can grow to more than 30 feet). Medium to fast growth rate.
Border Forsythia	<i>Forsythia x intermedia</i>	D	5–8	F–P	8'–10'	10'–12'	5'–8'	6.0–7.5		Has profusion of yellow flowers in early spring. Many cultivars. 'Lynwood Gold' flowers are more open than standard form and heavily distributed along stem. Best where winters are cold. Thin out old wood immediately after flowering. Medium to fast growth rate.
Franklin Tree	<i>Franklinia alata</i>	D	5–9	F–P	10'–20'	6'–15'	5'–10'	5.5–7.0	X	Once native, but original site never relocated. Related to <i>Camellia</i> . Can be grown as a small tree. Susceptible to root rot. Medium growth rate.
Loblolly-bay	<i>Gordonia lasianthus</i>	BE	7–9	F–P	30'–40'	15'–20'	15'–20'	5.5–7.0	X	Related to <i>Camellia</i> . In wild grows on wet sites. Shrub small, but will eventually be a tree. Medium growth rate.
Vernal Witchhazel	<i>Hamamelis vernalis</i>	D	4–8	F–P	6'–10'	6'–10'	6'–10'	5.5–7.0	X	Native woodland or creek margin shrub or small tree. Several cultivars available. Medium growth rate.
Common Witchhazel	<i>Hamamelis virginiana</i>	D	4–8	F–P	20'–30'	20'–25'	15'–20'	5.5–7.0	X	Native woodland or creek margin shrub or small tree. Medium growth rate.
Seven-son Flower	<i>Heptacodium miconioides</i>	D	5–8	F–P	15'–20'	8'–15'	5'–15'	5.5–7.0		Flowers creamy white and fragrant; related to honeysuckle. Medium growth rate.
Rose of Sharon or Shrub Althea	<i>Hibiscus syriacus</i>	D	5–8	F	8'–12'	6'–10'	4'–6'	6.0–7.5		Remove buds to increase flower size. Flowers when few other plants are flowering. Many varieties available. Fast growth rate.
Common Seabuckthorn	<i>Hippophae rhamnoides</i>	SE	3–7	F–P	12'–30'	10'–40'	10'–20'	6.0–7.5		Grayish, fine-textured foliage. Essentially dioecious, so plant male and female plants for edible fruit. Better on sandy, poor soil. Medium growth rate.

## Large Shrubs – 10 feet or more

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Panicle Hydrangea	<i>Hydrangea paniculata</i>	D	3–8	F	10'–20'	10'–20'	6'–8'	6.0–7.0		Several improved cultivars available. Can be grown as a small tree. Fast growth rate.
Foster's No. 2 Holly	<i>Ilex x attenuata 'Foster #2'</i>	BE	6–9	F–P	~25'	~15'	5'–7.5'	5.0–6.0		Hybrid between American Holly and Dahoon Holly. Leaves more narrow than American Holly. More tolerant of adverse conditions than American Holly. Medium to fast growth rate.
Dahoon Holly	<i>Ilex cassine</i>	BE	7–9	F–P	20'–30'	8'–15'	8'–12'	5.0–6.0	X	Reported to grow in wet, boggy soils. Leaf color similar to American Holly. Slightly tolerant of salt spray. Often multi-stemmed, but will become a tree. Medium growth rate.
Burford Chinese Holly	<i>Ilex cornuta 'Burfordii'</i>	BE	7–9	F–P	20'–25'	20'–25'	7'–10'	6.0–7.0		Much variation in seedlings. With time will become a small tree, 25–30 feet tall and wide. Medium to fast growth rate.
Needlepoint Chinese Holly	<i>Ilex cornuta 'Needlepoint'</i>	BE	7–9	F–P	10'–15'	8'–10'	5'–7'	6.0–7.0		Same as 'Anicet Delcambre.' Single point on leaf tip. Medium to fast growth rate.
Bigleaf Japanese Holly	<i>Ilex crenata 'Rotundifolia'</i>	BE	6–7	F–P	8'–12'	8'–12'	4'–8'	5.0–6.5		Best if sheared regularly. Substitute for boxwood. Foliage burn in hot, dry soils. May be best in part sun. Fruits on new wood. Medium-fast growth rate.
Possumhaw	<i>Ilex decidua</i>	D	5–9	F–P	7'–15'	5'–12'	5'–8'	5.0–6.5	X	Birds reported to prefer red berries over orange ones. May be found in fence rows near open fields. Fruit not showy until after frost. Medium growth rate.
Nellie R. Stevens Holly	<i>Ilex 'Nellie R. Stevens'</i>	BE	6–9	F–P	15'–25'	10'–15'	5'–7.5'	6.0–6.0		Hybrid between English and Chinese holly. Female clone. Large leaves. Medium-fast growth rate.
Yaupon Holly	<i>Ilex vomitoria</i>	BE	7–10	F–S	15'–20'	10'–15'	5'–8'	5.0–8.0	X	Highly desirable native shrub. Dioecious. May be "poodled" or espaliered. Yellow fruit form available. Fruits on 2-year-old wood. 'Pendula' is a weeping form. Medium to fast growth rate.
Small Anise-Tree	<i>Illicium parviflorum</i>	BE	6–9	P–S	15'–20'	12'–18'	8'–10'	5.5–6.5	X	Native to Georgia and Florida. Flowers small, yellowish. Cannot tolerate heavy shade. Fast growth rate.
Blue Column Juniper	<i>Juniperus chinensis 'Columnaris Glauca'</i>	NE	4–9	F	~24'	~10'	2'–3'	6.0–8.0		All leaves are juvenile (sharp-pointed). Medium growth rate.
Hetz Chinese Juniper	<i>Juniperus chinensis 'Hetzii'</i>	NE	4–9	F	~15'	~15'	10'–15'	6.0–8.0		Similar to 'Pfitzeriana.' Medium to fast growth rate.
Hollywood Juniper	<i>Juniperus chinensis 'Kaizuka'</i>	NE	4–9	F	20'–30'	5'–6'	5'–8'	6.0–8.0		Sometimes listed as 'Torulosa.' Twisted, contorted growth form. Medium to fast growth rate.
Variiegated Hollywood Juniper	<i>Juniperus chinensis 'Kaizuka Variegated'</i>	NE	4–9	F	20'–30'	5'–6'	5'–8'	6.0–8.0		Does not grow as tall or as fast as regular Hollywood juniper. Medium to fast growth rate.
Blue Haven Juniper	<i>Juniperus scopulorum 'Blue Haven'</i>	NE	4–7	F	~20'	~6'	8'–12'	5.5–7.0		Sometimes sold as 'Blue Heaven.' Extremely durable plant for dry locations when larger plant is needed. Maintains blue color throughout the year. Medium-fast growth rate.

## Large Shrubs – 10 feet or more

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Gray Gleam Juniper	<i>Juniperus scopulorum</i> 'Gray Gleam'	NE	4-7	F	15'-20'	5'-7'	8'-12'	6.0-8.0		Upright form with good gray-green to blue-gray foliage. Medium-fast growth rate.
Weeping Rocky Mountain Juniper	<i>Juniperus scopulorum</i> 'Pendula'	NE	4-7	F	~20'	8'-12'	5'-8'	6.0-8.0		Usually planted as a specimen. A spectacular weeping or drooping form with branching characteristic. May need staking when first planted. Medium growth rate.
Skyrocket Rocky Mountain Juniper	<i>Juniperus scopulorum</i> 'Skyrocket'	NE	4-7	F	~20'	~3'	5'-8'	6.0-8.0		Usually planted as a specimen. A spectacular weeping or drooping form with branching characteristic. May need staking when first planted. Medium growth rate.
Wichita Blue Rocky Mountain Juniper	<i>Juniperus scopulorum</i> 'Wichita Blue'	NE	4-7	F	~20'	5'-8'	5'-8'	6.0-8.0		Pyramidal form with bright blue foliage. Medium growth rate.
Canaerti Eastern Redcedar	<i>Juniperus virginiana</i> 'Canaertii'	NE	4-9	F	~25'	5'-8'	5'-8'	6.0-8.0	X	Compact pyramidal form of native Eastern redcedar. Could be considered a tree. Medium growth rate.
Mountain Laurel	<i>Kalmia latifolia</i>	BE	4-9	P-S	7'-15'	7'-15'	5'-8'	4.5-6.0	X	Can get much larger. Many cultivars, but not easily found in Southern nurseries. Magnificent display of color in spring. Almost impossible to transplant from native stands. Slow growth rate.
Intermediate Crapemyrtle	<i>Lagerstroemia indica</i> and hybrids	D	7-9	F	13'-20'	8'-15'	6'-9'	5.0-6.0		Very shrubby in 6b. Many cultivars with a range of characteristics like flower color. Refer to Crapemyrtle - Flower of the South at <a href="http://extension.msstate.edu/publications/publications/crapemyrtle-flower-the-south">http://extension.msstate.edu/publications/publications/crapemyrtle-flower-the-south</a> .
Tall Crapemyrtle	<i>Lagerstroemia indica</i> and hybrids	D	7-9	F	~20'	8'-15'	10'-20'	5.0-6.0		Very shrubby in 6b. Many cultivars with a range of characteristics like flower color. Refer to Crapemyrtle - Flower of the South at <a href="http://extension.msstate.edu/publications/publications/crapemyrtle-flower-the-south">http://extension.msstate.edu/publications/publications/crapemyrtle-flower-the-south</a> .
Vicary Golden Privet	<i>Ligustrum x vicaryi</i>	BE	5-9	F-P	10'-12'	10'-12'	5'-6'	6.0-7.0		Grown for its golden-yellow foliage that is present throughout the growing season. Medium growth rate.
Star Magnolia	<i>Magnolia stellata</i>	D	4-8	F-P	~10'	~8'	4'-6'	5.0-6.0		Usually flowers before other shrubs in spring. May flower in midwinter in warm areas. Flowers subject to late freeze damage or freeze after winter warm spell. Medium-slow growth rate.
Hybrid Mahonia	<i>Mahonia x media</i>	BE	7-9	P-S	8'-15'	3'-5'	3'-5'	6.0-7.0		Hybrid between <i>M. japonica</i> and <i>M. lomariifolia</i> . A few cultivars available. Slow growth rate.
Weeping White Mulberry	<i>Morus alba</i> 'Pendula'	D	4-9	F-P	15'-20'	15'-20'	10'-15'	5.5-7.0		Grafted onto White Mulberry under-stock, which probably makes this more tree than shrub. Height varies depending on the height of graft union. Striking appearance. Medium to fast growth rate.
Southern Waxmyrtle	<i>Myrica cerifera</i>	BE	7-11	F-P	10'-15'	10'-15'	10'-15'	4.0-6.0	X	Early settlers boiled leaves and fruit to get wax that they used to make bayberry candles. Not particularly long-lived. Very tolerant of most growing conditions. Greatest success comes in transplanting smaller plants. Easily transplanted in the 3-4-foot height range. Fast growth rate.

## Large Shrubs – 10 feet or more

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Oleander	<i>Nerium oleander</i>	BE	8–11	F–P	6'–20'	6'–20'	7'–10'	6.0–7.5		All plant parts poisonous. Smoke from burning plant parts is also poisonous. Withstands temperatures at least to 24 °F. Endures heat, glare, poor, dry, alkaline, sandy soils. Many improved selections, including dwarfs. Generally, cold tolerance increases as flower color darkens. Medium-fast growth rate.
Devilwood	<i>Osmanthus americanus</i>	BE	6–9	F–P	15'–25'	10'–20'	8'–15'	5.5–7.0	X	Native to the Coastal Plain. Flowers similar to other <i>Osmanthus</i> species. Slow to medium growth rate.
Hollyleaf Osmanthus	<i>Osmanthus x fortunei</i>	BE	7–9	F–P	15'–20'	15'–20'	10'–15'	5.5–7.0		Popular plant in old Southern gardens. Fragrance not as strong nor flower period as long as Sweet Olive. Slow growth rate.
Sweet Olive	<i>Osmanthus fragrans</i>	BE	7–10	F–P	20'–30'	20'–30'	10'–15'	5.5–7.0		Flower initiation induced by sudden changes in temperature and moisture. A long-lived shrub. Old plants may reach 25 feet tall and 12–15 feet wide. Good drainage essential. Slow growth rate.
Sweet Olive	<i>Osmanthus heterophyllus</i>	BE	7–9	F–P	10'–20'	8'–15'	8'–15'	5.5–7.0		Flower initiation induced by sudden changes in temperature and moisture. A long-lived shrub. Old plants may reach 24 feet tall and 12–15 feet wide. Good drainage essential. Slow to medium growth rate.
Odorless Mockorange	<i>Philadelphus inodorus</i>	D	5–9	F	~10'	8'–10'	6'–8'	6.0–8.0	X	Native on higher pH soils. Excellent deciduous shrub for South. Prune out old, non-flowering wood after flowering. Medium growth rate.
Fraser Photinia	<i>Photinia x fraseri</i>	BE	7–9	F–P	10'–15'	10'–15'	6'–12'	6.0–7.0		New growth very showy with coppery-red color. Prone to fire blight and other diseases, so relatively short lived. Will grow in shade, but foliage not as dense. Plant is a cross between Chinese Photinia and Japanese Photinia. Medium to fast growth rate.
Japanese Photinia	<i>Photinia glabra</i>	BE	7–9	F–P	10'–12'	8'–10'	5'–8'	6.0–7.0		Red leaf color best in full sun. Takes pruning well. Sometimes called Red Top or Red Tip. Loose, well-drained soil essential for good growth. Magnesium deficiency may be a problem. Medium growth rate.
Chinese Photinia	<i>Photinia serratifolia (serrulata)</i>	BE	6–9	F–P	20'–25'	15'–20'	10'–15'	6.0–7.0		Can be invasive. Becomes leggy with old age. New growth coppery colored. Very intolerant of poorly drained soils. Medium growth rate.
Japanese Pieris	<i>Pieris japonica</i>	BE	5–7	F–S	9'–12'	6'–8'	3'–4'	5.5–6.5		Many cultivars, with flowers ranging in color from white to reddish. Compact forms also available. Slow growth rate.
Mock Orange, Tobira Pittosporum	<i>Pittosporum tobira</i>	BE	7–10	F–P	10'–12'	15'–20'	10'–12'	6.0–7.5		Lemon-scented foliage. Several cultivars, including variegated leaf forms. Withstands heat and drought, but not recommended for zone without protection. Possible winter damage every 10 years or so. Medium growth rate.
Oriental Arborvitae	<i>Platycladus orientalis</i>	NE	6–11	F–P	18'–25'	10'–15'	6'–10'	6.0–7.5		Branches more vertical than regular arborvitae. Many varieties in the industry. Plant shape complements formal landscape designs. Fast growth rate.
Southern Yew	<i>Podocarpus macrophyllus 'Maki'</i>	NE	7–10	F–P	20'–35'	10'–20'	4'–6'	5.5–7.0		Can be sheared and shaped easily. Dioecious. Widely used on the coast. May need protection in Zone 7. Medium to fast growth rate.
Chickasaw Plum	<i>Prunus angustifolia</i>	D	5–9	F	15'–25'	15'–25'	4'–6'	5.5–7.0	X	Thicket-forming and ideal for roadside slopes. Often recommended for naturalistic plantings. Medium growth rate.



## Large Shrubs – 10 feet or more

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
Carolina Cherrylaurel	<i>Prunus caroliniana</i>	BE	7–10	F–P	20'–30'	15'–25'	15'–20'	5.5–7.0	X	Typically a small tree, but compact forms may grow as large shrubs. Fruit and seedlings can cause problems in landscape. Medium to fast growth rate.
Common Cherrylaurel	<i>Prunus laurocerasus</i>	BE	6–8	F–P	10'–18'	8'–15'	4'–10'	5.5–7.0		A few cultivars including dwarf forms. Flowers whitish in racemes. Medium growth rate.
Flowering Pomegranate	<i>Punica granatum</i>	SE	7–10	F–P	12'–20'	12'–20'	7'–10'	5.5–7.0		Popular shrub of the old South. There are many double-flowered and non-fruited forms. May need protection in Zone 7. Medium to fast growth rate.
Wafer–ash	<i>Ptelea trifoliata</i>	D	3–9	F–S	15'–20'	15'–20'	5'–10'	5.5–7.0	X	Not common commercially and usually small understory shrub or tree in woods. Related to <i>Citrus</i> . Slow to medium growth rate.
Formosa Firethorn	<i>Pyracantha koidzumi</i>	SE	8–10	F–P	8'–12'	8'–12'	7'–10'	6.0–8.0		Difficult to transplant as a large specimen. Excellent for espalier. Berries produced on 2nd year's wood, so prune in spring after berries have shed and before new growth begins. Seed viable and can be invasive. Medium-fast growth rate.
Florida Azalea	<i>Rhododendron austrinum</i>	D	7–9	P–S	8'–10'	8'–10'	4'–8'	4.0–6.0	X	Native to the coastal plain. Deciduous. Several cultivars, mostly yellow to orange flowers. Flowers April to May, fragrant. Slow to medium growth rate.
Piedmont Azalea	<i>Rhododendron canescens</i>	D	5–9	P–S	10'–15'	8'–12'	5'–10'	4.0–6.0	X	Native to the Southeast. Deciduous. Flowers typically pink, fragrant, March to April. Slow to medium growth rate.
Exbury/Knap Hill Azaleas	<i>Rhododendron hybrids</i>	D	5–8	P–S	8'–12'	6'–8'	4'–6'	4.0–6.0		Many hybrids involving several native species. Deciduous. Many colors. 'Gibraltar' (flame-orange) is one example. Slow to medium growth rate.
Plumleaf Azalea	<i>Rhododendron prunifolium</i>	D	5–8	P–S	8'–10'	6'–8'	5'–8'	4.0–6.0	X	Native to Alabama and Georgia. Deciduous. A few hybrids with flower color ranging from orange to red and pink. Flowers July to August. Slow to medium growth rate.
Flameleaf Sumac	<i>Rhus copallina</i>	D	4–9	F–P	20'–30'	20'–30'	7'–10'	5.5–7.0	X	Suckers freely forming a large colony. One of the earliest woody plants to appear on cleared land. Medium growth rate.
Smooth Sumac	<i>Rhus glabra</i>	D	3–9	F–P	10'–15'	10'–15'	6'–10'	5.0–6.0	X	Suckers freely forming large clumps. Withstands wide range of growing conditions. Tolerant of city conditions. Medium-fast growth rate.
Lady Banks' Rose	<i>Rosa banksiae</i>	SE	7–8	F–P	15'–20'	15'–20'	5'–20'	6.0–7.0		Climbing, thornless rose native to China. Flowers March to April. Color forms range from yellow to white. Medium to fast growth rate.
Memorial Rose	<i>Rosa wichuraiana</i>	SE	5–8	F	8'–16'	8'–16'	4'–10'	6.0–7.0		Rambler and can be invasive. Sometimes found escaped on road banks. Several cultivars. Fast growth rate.
Pussy Willow	<i>Salix caprea</i>	D	4–8	F–P	15'–25'	12'–15'	5'–8'	6.5–8.0		Similar to <i>S. discolor</i> , but <i>S. discolor</i> is susceptible to canker. Female catkins are similar to a cat's paws. Can be grown as a small tree. Fast growth rate.
Common Elderberry	<i>Sambucus nigra</i>	D	4–9	F–P	5'–12'	5'–10'	3'–5'	6.0–8.0	X	Variety <i>canadensis</i> is native and variety <i>nigra</i> is not. Fruit of this species has been used to make elderberry wine. Fruit attracts birds to the landscape. Spreads by stolons. May become a pest. Some variable leaf cultivars available. Fast growth rate.

## Large Shrubs – 10 feet or more

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
American Bladdernut	<i>Staphylea trifolia</i>	D	4-8	F-S	10'-15'	8'-12'	6'-8'	6.0-7.0	X	Rare in Mississippi. Good along creeks. Produces bladder-like fruit that float on water. Colonial in habit. Medium to fast growth rate.
Bigleaf Snowbell	<i>Styrax grandiflorus</i>	D	7-9	F-S	8'-15'	6'-12'	4'-6'	5.5-6.5	X	Native woodland understory shrub or small tree. Flowers white, showy in spring. Slow to medium growth rate.
Common Lilac	<i>Syringa vulgaris</i>	D	3-7	F-P	8'-15'	6'-12'	5'-8'	6.0-7.5		Marginal plant for Zone 7b. Not recommended for Zone 8 and south. Needs adequate cold for good flower production. Several forms available with white, pink, blue, and purple flowers. Medium growth rate.
Japanese Cleyera	<i>Ternstroemia gymnanthera</i>	BE	7-10	P-S	8'-10'	5'-6'	5'-6'	5.5-7.0		Often listed as <i>Cleyera japonica</i> . Older specimens may get much taller. Takes pruning well. Tolerant of dry soils and competition. Several cultivars available. Medium-fast growth rate.
Pyramidal Arborvitae	<i>Thuja occidentalis 'Pyramidalis'</i>	NE	3-7	F-P	20'-30'	5'-8'	4'-6'	6.0-7.5		Many other cultivars available. Well-drained soils essential for good growth. Seems to do well in most other soils. Plant shape complements formal landscape designs. Fast growth rate.
Sparkleberry	<i>Vaccinium arboreum</i>	SE	7-9	F-S	15'-20'	15'-20'	6'-10'	5.5-6.5	X	Native, sometimes evergreen, colonial, understory shrub to small tree. Interesting bark. Fruit black, small, not as edible as other <i>Vaccinium</i> . Slow to medium growth rate.
Rabbiteye Blueberry	<i>Vaccinium ashei</i>	SE	7-9	F	8'-9'	8'-9'	4'-6'	4.5-5.5	X	Do not plant in soils that have been limed. Add half-bushel peat moss to each planting hole. Do not fertilize the first year. For varieties refer to Fruit and Nut Review: Blueberries at <a href="http://extension.msstate.edu/publications/information-sheets/fruit-and-nut-review-blueberries">http://extension.msstate.edu/publications/information-sheets/fruit-and-nut-review-blueberries</a> . Medium to fast growth rate.
Highbush Blueberry	<i>Vaccinium corymbosum</i>	SE	3-7	F-S	6'-12'	8'-12'	4'-8'	5.5-6.5	X	Do not plant in soils that have been limed. Add half-bushel peat moss to each planting hole. Do not fertilize the first year. For varieties refer to Fruit and Nut Review: Blueberries at <a href="http://extension.msstate.edu/publications/information-sheets/fruit-and-nut-review-blueberries">http://extension.msstate.edu/publications/information-sheets/fruit-and-nut-review-blueberries</a> . Slow growth rate.
Elliott Blueberry	<i>Vaccinium elliotii</i>	SE	6-9	F-S	6'-12'	6'-12'	4'-8'	5.5-6.5	X	Native evergreen species that bears fruit very early. Usually occurs on low ground. Slow growth rate.
Awabuki Viburnum	<i>Viburnum awabuki</i>	BE	7-9	F-S	15'-20'	12'-15'	8'-10'	5.5-6.5		Evergreen and extremely dense in full sun. Good for screening in shade. Medium to fast growth rate.
Burkwood Viburnum	<i>Viburnum x burkwoodii</i>	BE	5-8	F-P	8'-10'	6'-8'	3'-5'	5.5-6.5		Flowers have fragrance of gardenia. Medium growth rate.
Linden Viburnum	<i>Viburnum dilatatum</i>	D	5-7	F-P	8'-10'	6'-8'	5'-8'	6.5-7.5		Seed viable and can be invasive. Several cultivars. Attractive when in flower in spring. Medium to fast growth rate.
Small Viburnum	<i>Viburnum obovatum</i>	SE	6-9	F-P	12'-20'	12'-20'	6'-12'	6.5-8.0	X	Native to the Southeast. Usually evergreen. Some compact forms available. Medium to fast growth rate.
Sweet Viburnum	<i>Viburnum odoratissimum</i>	BE	7-10	F	10'-20'	10'-20'	6'-10'	6.5-7.5		Very dense evergreen with smooth leaves. May be confused with other similar Viburnums. Medium to fast growth rate.

## Large Shrubs – 10 feet or more

Common Name	Scientific Name	Foliage*	Zones	Light**	Height	Width	Spacing	pH range	Native***	Comments
European Snowball Viburnum	<i>Viburnum opulus 'Sterile'</i>	D	3–8	F–P	8'–12'	8'–12'	5'–8'	6.5–7.5		Flowers are sterile. Good for city conditions. Attractive when in flower. Flowers occur on new wood. Medium to fast growth rate.
Doublefile Viburnum	<i>Viburnum plicatum var. tomentosum</i>	D	4–8	F–S	8'–10'	9'–12'	5'–8'	6.5–7.5		Outer flowers in cluster are sterile. Easy to transplant. Can be invasive. Does well in part shade. Several cultivars. Medium growth rate.
Leatherleaf Viburnum	<i>Viburnum rhytidophyllum</i>	BE	5–7	F–P	10'–15'	10'–15'	5'–8'	6.0–7.0		Droping foliage causes the plant to look wilted. Tolerates shade where other shrubs fail. Should be used sparingly. One of the most cold-hardy viburnums. Medium-slow growth rate.
Sandankwa Viburnum	<i>Viburnum suspensum</i>	BE	8–11	F–P	6'–12'	6'–12'	3'–5'	6.0–8.0		Zone 7 with protection. Does best in partial shade in summer. Medium growth rate.
Laurestinus Viburnum	<i>Viburnum tinus</i>	BE	8–10	F–S	6'–12'	6'–12'	4'–8'	6.0–8.0		Flowers may have unpleasant odor. Grows best on poor soils, but they must be well-drained. Warm spell during winter may cause flowers to open. Variegated cultivar available. Medium growth rate.
American Cranberrybush Viburnum	<i>Viburnum trilobum</i>	D	2–7	F–P	8'–12'	8'–12'	4'–6'	5.0–7.0		Native to northern U.S. and Canada. Not well adapted to heat. Fruit edible. Medium growth rate.
Lilac Chastetree	<i>Vitex agnus-castus</i>	D	6–9	F–P	15'–20'	15'–20'	10'–15'	6.0–7.0		Often pruned into a single or multitrunked tree. Has escaped cultivation in some places. Popular plant in old gardens. Foliage has pungent odor when crushed. Medium-fast growth rate.
Chastetree	<i>Vitex negundo</i>	D	6–8	F–P	10'–15'	10'–15'	8'–15'	6.0–7.0		Often pruned into a single or multitrunked tree. Has escaped cultivation in some places. Some cutleaf forms available. Medium-fast growth rate.

\*Foliage: Broadleaf Evergreen; D = Deciduous; NE = Needled Evergreen; SE = Semibroadleaf Evergreen; and V = Variable.

\*\*Light: F = Full Sun; P = Part Sun to Part Shade; and S = Shade.

\*\*\*Native: Refers to species that are native to the southeastern United States.

**TABLE 2. Invasive landscape plants and suggested alternatives for each.**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Suggested Substitutes*</b>
Japanese Barberry	<i>Berberis thunbergii</i>	<i>Viburnum obovatum</i> or similar selections from Table 1.
Russian-olive	<i>Elaeagnus angustifolia</i>	Not well adapted to SE, <i>Leucophyllum frutescens</i> for gray foliage or refer to Table 1 for other plant selections.
Thorny Elaeagnus	<i>Elaeagnus pungens</i>	<i>Osmanthus</i> spp., <i>Viburnum</i> spp., or other similar BE from Table 1.
Autumn Elaeagnus	<i>Elaeagnus umbellata</i>	<i>Osmanthus</i> spp., <i>Viburnum</i> spp., or other similar BE from Table 1.
Dwarf Winged Euonymus	<i>Euonymus alatus</i> 'Compactus'	<i>Viburnum obovatum</i> , <i>Loropetalum</i> , or other similar SE or D species from Table 1.
Shrub Bush Clover	<i>Lespedeza bicolor</i>	<i>Lespedeza liukiuensis</i> , though new to U.S. and invasive potential not fully known.
Thunberg Lespedeza	<i>Lespedeza thunbergii</i>	<i>Lespedeza liukiuensis</i> , though new to U.S. and invasive potential not fully known.
Amur Privet	<i>Ligustrum amurense</i>	Yaupon Holly, Southern Waxmyrtle, or similar BE from Table 1.
Japanese Privet	<i>Ligustrum japonicum</i>	<i>Ilex</i> spp., <i>Osmanthus</i> spp., <i>Viburnum</i> spp., or other similar BE from Table 1.
Roundleaf Japanese Privet	<i>Ligustrum japonicum</i> 'Rotundifolium'	<i>Ilex</i> spp., <i>Osmanthus</i> spp., <i>Viburnum</i> spp., or other similar BE from Table 1.
Glossy Privet	<i>Ligustrum lucidum</i>	<i>Ilex</i> spp., <i>Osmanthus</i> spp., <i>Viburnum</i> spp., or other similar BE from Table 1.
Border Privet	<i>Ligustrum obtusifolium</i>	Yaupon Holly, Southern Waxmyrtle, or similar BE from Table 1.
California Privet	<i>Ligustrum ovalifolium</i>	Yaupon Holly, Southern Waxmyrtle, or similar BE from Table 1.
Chinese Privet	<i>Ligustrum sinense</i>	Yaupon Holly, Southern Waxmyrtle, or similar BE from Table 1.
Weeping Chinese Privet	<i>Ligustrum sinense</i> 'Pendulum'	Yaupon Holly, Southern Waxmyrtle, or similar BE from Table 1.
Variegated Chinese Privet	<i>Ligustrum sinense</i> 'Variegata'	Vicary Golden Privet, Variegated Pittosporum, or similar BE from Table 1.
Common Privet	<i>Ligustrum vulgare</i>	Yaupon Holly, Southern Waxmyrtle, or similar BE from Table 1.
Winter Honeysuckle	<i>Lonicera fragrantissima</i>	Hybrid Mockorange, or similar D species from Table 1.
Heavenly Bamboo or Nandina	<i>Nandina domestica</i>	Dwarf fruitless varieties or another BE with similar texture such as <i>Ilex</i> or <i>Osmanthus</i> spp.
English Dogwood or Mockorange	<i>Philadelphus coronarius</i>	Native <i>Philadelphus inodorus</i> , or for fragrance Hybrid Mockorange. See Table 1.
Trifoliolate-orange	<i>Poncirus trifoliata</i>	Use <i>Citrus</i> cultivars, although less hardy and typically require protection in northern MS.
Scarlet Firethorn	<i>Pyracantha coccinea</i>	Hybrid firethorns or <i>Ilex</i> spp. which produce similar fruit.
Cherokee Rose	<i>Rosa laevigata</i>	Refer to other roses in Table 1.
Multiflora Rose	<i>Rosa multiflora</i>	Refer to other roses in Table 1. May sucker from rootstock under hybrid roses.
Japanese Spirea	<i>Spiraea japonica</i>	<i>Spiraea</i> x <i>bumalda</i> varieties, or similar D shrub from Table 1.
Small Flowering Tamarix	<i>Tamarix parvifolia</i>	<i>Juniperus</i> spp. or other similar fine-textured shrub from Table 1.
Five-stamen Tamarix	<i>Tamarix ramosissima</i>	<i>Juniperus</i> spp. or other similar fine-textured shrub from Table 1.

\* BE = Broadleaf Evergreen D = Deciduous SE = Semibroadleaf Evergreen and spp. = species (plural).



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Landscape renderings by  
Richard Martin III



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