

Landscape Recovery Series: Part II Shrubs and Screening Options

Soil Considerations and Ornamental Non-Natives

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9 Florida-Friendly Landscaping™ Principles

1. Right Plant, Right Place
2. Water Efficiently
3. Fertilize Appropriately
4. Mulch
5. Attract Wildlife
6. **Manage Yard Pests Responsibly**
7. **Recycle Yard Waste**
8. **Reduce Stormwater Runoff**
9. **Protect the Waterfront**

Post Hurricane Soil Issues

- Damage directly from storm
 - Holes from toppled trees
 - Wind blown soil loss
 - Erosion
 - Loss of leaf litter, other natural soil covering
- Other factors
 - Excessive rainfall this fall/winter
- Cleanup/recovery process
 - Ground stumps
 - Compaction and ruts from heavy equipment
 - Stripping ground during cleanup
 - Lack of resources (supply and money) for quality soil replacements
 - Change in grade and stormwater flow

Post Hurricane Soils



- Return as much of the native soil to the site as possible.
 - Soil clinging to roots can be knocked off back into the hole
 - Move soil back into place where practical
 - Although labor intensive it will provide best option for replanting and no out of pocket cost

Post Hurricane Soil Issues



Post Hurricane Soil Issues

Soil stabilization

- Vegetation that will anchor soil
- Mulch or small size debris for cover



Above: Annual ryegrass is a cool season grass

Right: Small leaves and sticks can serve as mulch to help protect soil from erosion.



Post Hurricane Soil Issues



Evergreen Shrubs

Abelia spp.

Glossy Abelia, Abelia



'Rose Creek' Abelia is a prolific flowering, compact growing Abelia

- Height ranges from 3' to 10'*
- Spread 3' to 10'*
- Semi-evergreen to evergreen
- Upright then cascading growth habit
- Part shade to **full sun**
- Acidic to slightly alkaline, well drained soils
- Masses of tiny flowers attractive to bees, butterflies, other pollinators
- *Many cultivars for size, foliage color, flower and bract color

Abelia



Left: Miss Lemon™ (formerly Lemon Zest)
Middle: Kaleidoscope
Right: Ed Goucher



Acca sellowiana

Pineapple guava



- Evergreen shrub, green leaves with silvery underside
- 8-15' tall and wide
- Flowers are white with prominent red stamens, edible fruit attracts wildlife
- Hedge or pruned as small tree
- Well drained soil but high drought tolerance once established
- Slightly acid to slightly alkaline pH

Camellia japonica

Japanese Camellia



- Height ranges from 5-20 ft
- Spread 3-8'
- Evergreen upright shrub or small tree
- **Part shade** to shade
- Acidic, well drained soils
- Large dark green leaves, showy flowers in many forms and colors in the winter or early spring
- Prefer part shade but established plants may be able to adapt to full sun

Camellia sasanqua

Sasanqua Camellia



- Height 3-20'
- Spread 5-15'
- Evergreen shrub or small tree, some cultivars stay low and spread horizontally
- Shade, **part shade**, full sun (typically tolerates full sun better than *C. japonica*)
- Acidic, well drained soils
- Many flower colors in the fall/winter, petals fall as flower ages
- Attracts pollinators when few flowers available

Cephalotaxus harringtonia

Japanese Plum Yew

- Evergreen shrub
- Usually wider than tall, habit depends on cultivar
 - 'Fastigiata' – 10' x 6'
 - 'Prostrata' – 2-3' x 3'
 - 'Duke's Garden' – 2-3' x 3-4'
- Flat, dark green needles
- **Part shade** to shade
- Moist, well drained soil
- Slow growing



Gardenia jasminoides

Gardenia



- Evergreen shrub, dark green glossy leaves
 - ‘Mystery’ or ‘August Beauty’ average 4-8’ tall x 4-8’ wide
 - ‘Radicans’ or ‘Prostrata’ low growing and spreading; 2-3’ x 3-4’ wide
- Full sun to **part shade**
- Acid, moist, well drained soil
- Fragrant white flowers in the spring

Loropetalum chinense

Green Loropetalum, Chinese Fringeflower

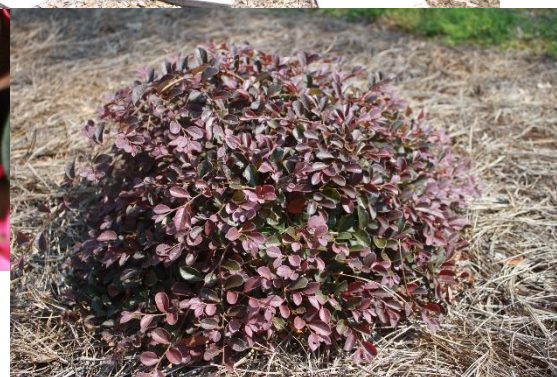
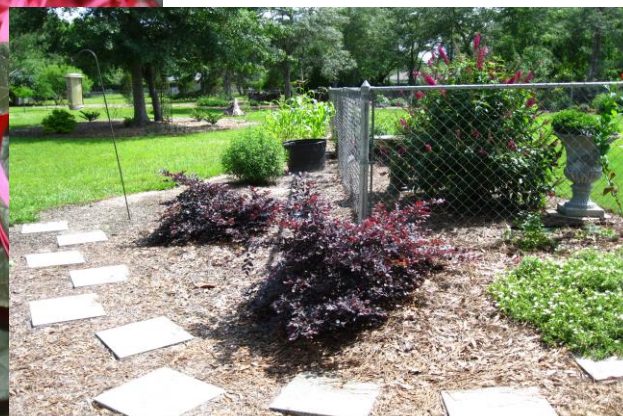


- Evergreen shrub
- Green cultivars range from 3-6' x 3-5' wide
 - 'Emerald Snow' pictured
- Well drained soils, slightly acid to alkaline
- Performs best in **sun** to part shade
- Moderate drought tolerance after establishment

Loropetalum chinense rubrum

Purple Loropetalum, Chinese Fringeflower

- Evergreen shrub or small tree
- Sizes range from 3'x3' to 15' x 8'
- Rubrum are read leaf and pink flower forms
- Well drained soils, slightly acid to alkaline
- Performs best in **sun** to part shade
- Moderate drought tolerance after establishment
- Can lose foliage color in shade and low fertility



Upper Right: 'Purple Diamond' will get 4-6'x4-6'

Bottom Right: 'Purple Pixie' 3'x3' mature size

Osmanthus fragrans

Tea Olive



- Evergreen shrub/small tree
- 15-30' x 8-15' wide
- Small, fragrant flowers in leaf axils
- Medium drained to moist soils, pH range of 6.0-7.2
- Moderate drought tolerance
- High salt tolerance
- Orange and yellow flower varieties occasionally found

Podocarpus macrophyllus

Podocarpus

- Evergreen upright shrub/small tree
- 30-40' tall by 20-25' wide
 - 'Pringles Dwarf' 3-5' x 6'
- Gymnosperm/conifer with flat needles
- Females have fruit
- Well drained fertile soil, slightly acidic to alkaline (pH 6.0-8.0)
- Moderate to high salt and drought tolerance
- Can be sheared into hedge or columnar form



Left: Pringles Dwarf
Right Podocarpus macrophyllus

Raphiolepis indica

Indian Hawthorne



- Height 2-10'
- Spread 2-6' wide
- Evergreen shrub or small tree
- Drought tolerant once established – most problems when overwatered or in shade
- Full sun
- White or pink flowering varieties, blue/black fruit

Rosa spp.

Rose

- Semi-evergreen to evergreen shrubs
- Many cultivars available with different size ranges
 - 'Knockout Rose' shrub roses 4-8' x 4-8' wide
 - 'Drift' series 2-4' x 3-4' wide
- Roses are heavy feeders and require pruning
- **Full sun** to part shade
- Moderate salt and drought tolerance



Above: Coral Drift Rose
Right: Knockout Rose

Rosmarinus officinalis

Rosemary

- Perennial/Evergreen shrub
- Sun; 3-5' x 3-5'
- Well drained, low fertility soil
- Tolerates a wide range of pH's 4.5-8.0
- **Sun** to part-shade
- Drought tolerant once established
- High salt tolerance



Viburnum luzonicum

- Height 8-15'
- Spread 8-15'
- Semi-evergreen
- Light green leaves that emerge with slight orange tint
- Clusters of tiny white flowers occur along stems in the spring
- **Full sun** to part shade
- Moderate to fast grower
- Not common in garden centers



Viburnum odoratissimum var. *awabuki*

Awabuki Viburnum

- Large evergreen shrub
- Dark green leaves with dark underside
- Small white flowers in spring followed by berries that attract birds
- Height 15-20'
- Spread 15-20' wide
- Well drained soil, tolerant of slightly acidic to alkaline pH (6.0-8.0)



Viburnum tinus

Laurestinus Viburnum



- Height 6-12'
- Spread 2-4' wide
- Dense, upright growth habit
- Showy pink buds open to white flowers then transition to blue/black fruit
- Attracts butterflies and birds
- 'Spring Bouquet' common cultivar available
- Salt spray tolerant

Deciduous Shrubs

Galphimia glauca

Thryallis, Rain of Gold

- Height 5-9'
- Spread 4-6'
- Semi-evergreen to deciduous weeping shrub (may die back to roots in winter)
- **Full sun** to part shade, moderate drought tolerance
- Bright yellow flowers
- Drought tolerant



Hydrangea macrophylla

Bigleaf or French Hydrangea



- Height 6-10'
- Spread 6-10'
- Deciduous shrub
- Part shade to **shade**
- Large flower clusters blue, pink, purple dependent on soil properties
- Prune right after bloom (old wood)
- Great coastal plants if shade available, wind tolerant, moderate salt tolerance

Hydrangea macrophylla

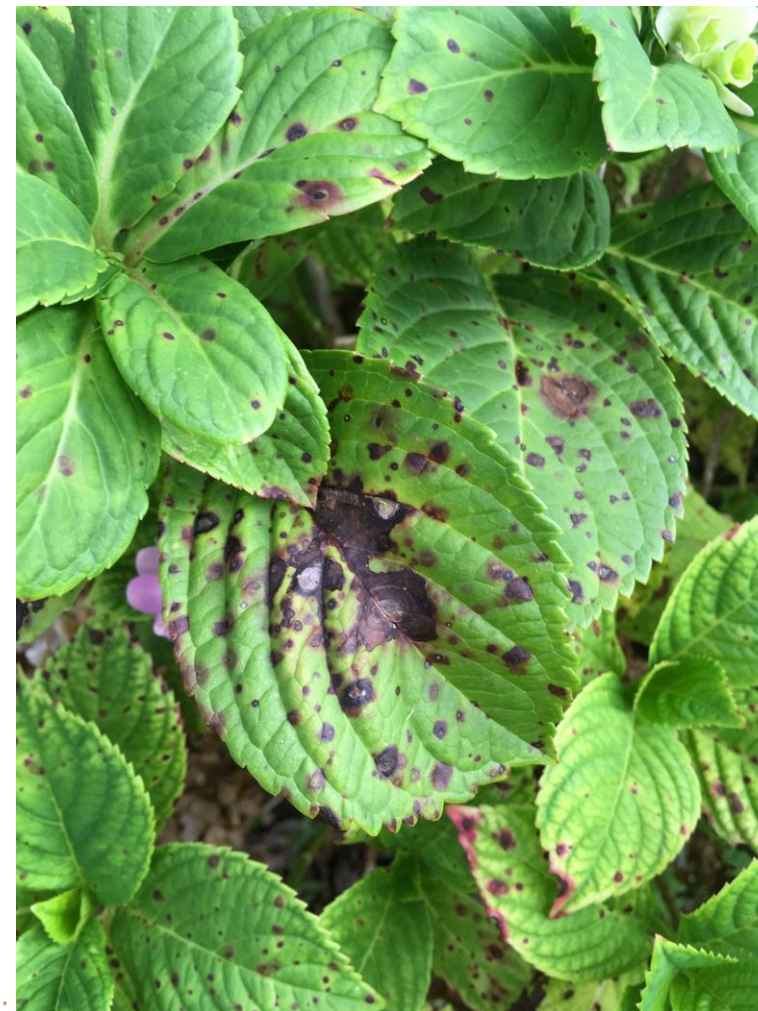
Bigleaf or French Hydrangea



H. macrophylla 'Felicity' at the
UF/IFAS Extension North Florida
Research and Education Center
Gardens

Hydrangea macrophylla

Bigleaf or French Hydrangea



Hydrangea paniculate

Panicle Hydrangea



- Height 6-20'
- Spread 6-20'
- Deciduous shrub or small tree
- **Part shade** to sun
- Large panicles of white flowers, transition from green to white to rose
- Can prune fall/winter (new wood)
- Traffic stopping summer color
- Deer browse
- 'Limelight' compact grower with showy flowers

Spiraea spp.

Bridal Wreath Spirea

- Deciduous shrub with weeping habit
- 3-5' x 3'-5'
- Tiny white flowers in the spring, soft green foliage
- Sun to **part shade**
- Well drained to moist soils



Keep Learning!

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http://blogs.ifas.ufl.edu/bayco/2019/01/14/2019_landscape/

Landscape Recovery Series:

January 17, Part I Trees

February 21, Part II Shrubs and Screening

March 14, Part III Groundcovers, Perennials, and Annuals

April 18 Part IV Turfgrass Renovation with Dr. Bryan Unruh

Non-profit Plant Sales

Dothan Area Botanical Gardens www.dabg.com

- Spring Plant Sale March 29-30, 2019
- 5130 Headland Ave
- Dothan, AL

UF/IFAS Extension Leon County Open House and Plant Sale
<http://sfyl.ifas.ufl.edu/leon/>

- May 11, 2019
- 615 Paul Russell Rd
- Tallahassee, FL

Non-profit Plant Sales

Gardening Friends of the Big Bend Spring Plant Sale TBA

<http://www.thegfbb.com/>

- Gardens of the Big Bend at UF/IFAS Research & Education Center
- 155 Research Rd Quincy, FL



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