

2010 SOUTHEASTERN FLOWER SHOW
DISCOVERY DIVISION
Educational Handout
Rescue, Reuse, Recycle
By Georgia Native Plant Society

EDUCATIONAL OBJECTIVE: This garden's objective is to increase the homeowner's awareness of the many wonderful native plants that exist in the South & Southeastern US, and to encourage living a more sustainable lifestyle that leaves a smaller footprint on the environment.

Recycle Centers of Georgia Directory:

- http://georgia.uscity.net/Recycling_Centers/ a listing of facilities that recycle items from shoes to electronics to scrap metal.

Recycling Info: Gwinnett Clean & Beautiful www.gwinnettcba.org

Plant Resources & Preservation:

- Georgia Native Plant Society www.GNPS.org Organized plant rescues plus see extensive nursery listing at website.
- United Plant Savers www.unitedplantsavers.org – working to save native medicinal plants.
- Southeast Exotic Pest Plant Council www.se-eppc.org – learn which plants you should avoid and/or remove.
- Lady Bird Johnson Wildflower Center www.wildflower.org – excellent resource of conservation links & ideas.

Thrift Stores of Georgia Directory: http://georgia.uscity.net/Thrift_Stores/

Sustainable Info:

- Sustainable Sites Initiative www.sustainable-sites.org A joint venture of ASLA, LBJ Wildflower Center, and US Botanic Gardens -provides tools for those who influence land development and management practices and can address increasingly urgent global concerns
- Earth Easy Sustainable Living, great links at www.eartheasy.com/

LEED Certification: The U.S. Green Building Council www.usgbc.org

Permaculture:

- is an approach to designing human settlements and agricultural systems that mimic the relationships found in natural ecologies.
- Permaculture Institute www.permaculture.org

Organic Gardening:

- Rodale's Organic Gardening www.organicgardening.com
- Georgia Organics www.georgiaorganics.org – wonderful non-profit organization, great educational services
- Garden's Alive- Environmentally responsible gardening products www.gardensalive.com

Water Reclamation (rain water harvesting):

- Harvest H2O Water site www.harvesth2o.com – great tips, articles, resources on rain water harvesting
- Rainwater Pillow www.rainwaterpillow.com
- Rain barrels <http://webpages.charter.net/raindrops/>

Place to Visit/Educational:

- The Gwinnett Environmental & Heritage Center www.gwinnettcba.com/cgi-bin/gwincty/envhc/Home.do LEED Certified building promoting water conservation & sustainable living. Wonderful educational programs.

Some Sustainable Tips:

- Compost
- fix what you have rather than buying new
- recycle
- purchase Energy Star products
- purchase a rainbarrel
- use permeable pavers
- purchase recycled or used products
- get rid of your lawn and plant a vegetable garden

Southeastern Flower Show 2010

Discovery Division

“Rescue, Reuse, Recycle”



RECYCLE: an old sink pedestal and container were painted and plumbed to become the lovely water feature. Recycled glass is used at its base.

RESCUE: Development can still occur but in a more environmentally friendly approach; many of the existing native plants can be rescued and relocated prior to development.

RECYCLE: latex paint that would've been added to the landfill was poured into placemats.

RESCUE: Many of the herbaceous groundcovers in this exhibit are rescued plants (via GNPS) from areas slated for development.

RECYCLE: yogurt lids were used to make plant labels.

REUSE: all of the furniture and many of the pillows were purchased from Goodwill and were refurbished.

RECYCLE: aluminum cans were transformed into decorative flowers to hang on the 'wall panels' and lighting.

REUSE: left over materials from previous jobs were used to make the firepit and patio.

RECYCLE: glass bottles were cut, turned over and inserted between the patio pavers.

REUSE: the containers came from salvage stores and were refurbished.

RECYCLE: old doors and shelving were painted and used to make the arbor.

REDUCE: The globe lights throughout the garden are solar powered, reducing use of municipal electricity. The pavers are permeable, reducing water runoff.

Shannon Pable 9/10



Exhibit Chair and Design by: Shannon Pable
Special Thanks to the Following Companies for helping make this happen:
 Unlimited Landscaping www.unlimitedlandscaping.com/ *add logo here*



Just Add Water Nursery www.jawsnursery.com/
 Atlanta Landscape Materials <http://www.rocksanddirt.com/> Perimeter Takeuchi www.cctractor.com
 And Thanks to all of the GNPS volunteers and their tireless efforts!

“Sustainable development is a dynamic process which enables all people to realize their potential, and to improve their quality of life, in ways which simultaneously protect and enhance the Earth's life support systems.”
 (Forum for the Future Annual Report 2000).

Plant List: Plant Info Sheet (To be used in conjunction with  on the garden plan view; note only larger trees/shrubs will be tagged on plan)

Conifers (*Rescues are the small Red Cedars in pots, the Long Leaf & Loblolly Pines*)

Foot-note #	Common Name	Botanical Name	Zone	Size HxW FT	Growing Conditions	CareEasy, Mod,Hard	Comments
1.	Atlantic White Cedar	Chamaecyparis thyoides 'Red Star'	3-8	5+ x 2+ in 10yrs	Moist to wet soil. Full sun to part shade	E	Very slow growing evergreen conifer. Less than 6" of growth per year. In 25yrs can get to 15-20' tall.
2.	Canadian Hemlock, Dwarf	Tsuga canadensis 'Stockman's Dwarf'	4-8	4x3	Moist/well-drained soil /full-part shade	E/M	Mounding habit; Better adapted to cooler climate in the north and mountain areas. In warmer areas, keep in part to full shade.
3.	Canadian Hemlock, Dwarf	Tsuga canadensis 'Bergman's Snowflake'	4-8	4x3	Moist/well-drained soil /full-part shade	E/M	Mounding habit; Better adapted to cooler climate in the north and mountain areas. In warmer areas, keep in part to full shade.
4.	Canadian Hemlock, Weeping	Tsuga canadensis 'Pendula'	4-8	12x25	Moist/well-drained soil /full-part sun	E/M	Weeping habit; Better adapted to cooler climate in the north and mountain areas. In warmer areas, keep in part to full shade.
5.	Eastern Red Cedar	Juniperus virginiana	3-9	50+x10+	Well drained soil sun to part shade	E	Nice blue/gray evergreen good for screening. Many great cultivars available in the trade that are smaller.
6.	Eastern Red Cedar	Juniperus virginiana 'Skyrocket'	3-9	30x6	Well drained soil sun to part shade	E	Nice blue/gray evergreen good for screening. Many great cultivars available in the trade that are smaller.
7.	Loblolly Pine	Pinus taeda	6-9	75x30	Variable soil /full sun	E	Fast Growing; Common Pine in Piedmont
8.	Long Leaf Pine	Pinus palustris	7-10	100x 40	Well drained/sandy soil/full sun to part shade	E/M	More commonly seen in Lower South; Slow Growing; Deep-rooted. Easy to grow in Coastal Plain in sandy soil, more difficult in Piedmont
9.	Virginia Pine	Pinus virginiana 'Wates Golden'	4-9	10x8 at ten yrs	Part shade to full sun Moist/well drained soil	E	Evergreen that turns a beautiful golden yellow in winter. In 25 yrs, size could reach 30'.
10.	White Pine, Twisted	Pinus strobus 'Torulosa'	3-8	25x6 in 25 yrs	Sun to part shade moist well drained soil	E	Beautiful silvery blue twisted needles, pyramidal shaped. Medium to slow grower, 6-12inches per year.
11.	White Pine, Dwarf	Pinus strobus 'Merrimack'	3-8	2-3x 3-4	Light shade, moist well drained soil	E/M	A beautiful low evergreen specimen for the light shade garden. At higher elevations and cooler zones can handle full sun.
12.	White Pine, Weeping	Pinus strobus 'Pendula'	3-8	6+x10+ Ht will vary	Light shade, moist well drained soil	E/M	A beautiful evergreen specimen for the light shade garden. At higher elevations and cooler zones can handle full sun. Height will depend on pruning and training of main leader.

Deciduous Trees & Shrubs

Foot-note #	Common Name	Botanical Name	Zone	Size HxW FT	Growing Conditions	CareEasy Mod,Hard	Comments
13.	Red Twig Dogwood	Cornus sericea 'Bailey Red'	2-8	14x14	Wet/Moist soil /full sun to part shade	E/M	Suckering shrub like tree if left unpruned; good for wet areas. Best in cooler climates. Newer growth is bright red. Good winter interest.
14.	River Birch, Weeping	Betula nigra 'Summer Cascade'	4-8	15-20x10-15	Moist/ to damp soil/part-full sun	E	Great small specimen tree. Beautiful exfoliating bark. Height will depend on staking main leader.
15.	Serviceberry, Downy	Amelanchier arborea	5-8	25+x15+	Dry to Moist soil /full sun to part shade	E	Early white blooming small multi-trunk tree. Great substitute for the Bradford Pear.
16.	Sweetgum	Liquidambar styraciflua 'Gumball'	6-9	15x10	Sun to shade. Wet to moist to dry soil	E	This specimen stays much smaller than the parent sweetgum and has a globe like canopy. Nice fall color.
17.	Sweetgum, Variegated	Liquidambar styraciflua 'Variegata'	6-9	25x15	Sun to shade. Wet to moist to dry soil	E	Beautiful variegated foliage. This specimen stays much smaller than the parent sweetgum.
18.	Winged Elm	Ulmus alata 'Lace Parasol'	6-9	8x10	Moist to wet/sun to shade	E	Beautiful winged bark weeping specimen.
19.	Yellow Twig Dogwood	Cornus sericea 'Flaviramea'	2-8	4x4	Wet/Moist soil /full sun to part shade	E/M	Suckering shrub good for wet areas. Best in cooler climates.

Evergreen Shrubs

Foot-note No.	Common Name	Botanical Name	Zone	Size HxW FT	Growing Conditions	CareEasy, Mod, Hard	Comments
20.	Agarista or Florida Leucothoe	Agarista populifolia (prev. Leucothoe populafolia)	7-9	8-12x6-10	Full to part shade; wet-moist soil	E	Evergreen large shrub, great arching branches, good hedge. Blooms in late spring.
21.	Anise, Yellow	Illicium parviflorum	7-10	10-15x6-10	Full to part shade; wet-moist soil	E	Evergreen large shrub, upright foliage. Easily pruned to keep as a neat hedge. Blooms in late spring.
22.	Coast Leucothoe	Leucothoe axillaris, 'Dodd's Variegated'	6-9	3x5	Moist soil/part-full shade	M/H	Evergreen; Suckering shrub; Grows best in rich moist sandy soil in part to full shade.
23.	Coast Leucothoe or Doghobble	Leucothoe axillaris	6-9	3x5	Moist soil/part-full shade	M/H	Evergreen; Suckering shrub; Grows best in rich moist sandy soil in part to full shade.
24.	Inkberry 'Shamrock'	Ilex glabra	4-9	4x4- can get larger	Moist to wet soil/part-shade to full sun	M/H	Evergreen; Suckering shrub; Grows best in rich moist/wet sandy & clay soil. If left unpruned, and in optimal conditions this shrub can get to 6+ft.
25.	Mountain Laurel	Kalmia latifolia 'Sarah'	5-8	4x4	Part shade, moist but well drained	M/H	Evergreen shrub; this cultivar is smaller than the straight species. Blooms in late spring. Best at higher elevations of GA. Needs excellent drainage.
26.	Needle Palm	Rhapidophyllum hystrix	6-10	6x10	Well drained part shade	E	Most cold tolerant of all palms. Supposedly hardy to -10 degrees.
27.	Rhododendron, Catawba	Rhododendron catawbiense	4-8	10x10	Moist/well drained soil /part-full sun	M/H	Evergreen shrub. More heat tolerant than other species. Blooms in late spring. Needs excellent drainage.
28.	Wax Myrtle	Morella cerifera	6-9	15x15	Moist/well-drained soil/full sun -part shade	E	Evergreen; Suckering; Very durable and tolerant of a wide range of conditions; Drought tolerant; Good for hedges.

Grasses & Grass-like & Succulent Plants

Foot-note No.	Common Name	Botanical Name	Zone	Size HxW FT	Growing Conditions	CareEasy, Mod, Hard	Comments
29.	Century Plant	Agave americana 'Americana'	8-10	3-6+x3+	dry/well drained soil/ full sun to light shade	E	Evergreen blue foliage. Large stalks of white/creamy flowers in summer. Can take several years to bloom. Bring inside if cooler than zone 8.
30.	Century Plant, White Stripe	Agave americana 'Mediopicta Alba'	8-10	2-5x2+	dry/well drained soil/ full sun to light shade	E	Evergreen variegated foliage. Large stalks of white/creamy flowers in summer. Can take several years to bloom. Bring inside if cooler than zone 8.
31.	Common Rush	Juncus effusus	6-9	3x3	Moist, wet, dry, poor soil, sun to shade	E	Evergreen 'grass'. Will grow almost anywhere.
32.	Rivercane	Arundinaria gigantea	5-9	20x spreading	Wet/moist soil/ part-full shade	E	Our native bamboo; Good for streambank restoration and erosion problems in place of Asian species; Spreading but not choking habit.
33.	Yucca 'Color Guard'	Yucca filamentosa	5-10	1-3x 2	dry/well drained soil/ full sun to light shade	E	Evergreen variegated foliage, even brighter in winter; Large stalks of white/creamy flowers in summer

Vines

Foot-note No.	Common Name	Botanical Name	Zone	Size HxW FT	Growing Conditions	CareEasy, Mod, Hard	Comments
34.	Carolina Jessamine	Gelsemium sempervirens	7-8	10+	Moist to dry	E	Evergreen vine w/ small yellow trumpets in late winter/early spring
35.	Crossvine	Bignonia capreolata 'Tangerine Beauty'	6-9	15+	Moist to dry- sun to part shade	E	Evergreen vine w/ trumpet red/yellow flowers in spring; great for hummingbirds
36.	Climbing Hydrangea	Decumaria barbara	6-9	30+	Moist to dry, sun - shade	E	Deciduous vine blooms in summer; excellent tree climber.

Groundcovers (Every one of these is a rescued plant except for the Creeping Phlox & Teaberry)

Foot-note No.	Common Name	Botanical Name	Zone	Size HxW FT	Growing Conditions	Care-Easy, Mod, Hard	Comments
37.	Blue Eyed Grass	Sisyrinchium angustifolium	4-9	1x0.5	Moist dry/well drained soil/sun to light shade	E	Evergreen grass like foliage with bright delicate blue blooms in spring.
38.	Christmas Fern	Polystichum acrostichoides	3-8	1.5x3	moist soil/full-part shade	E	Evergreen; Drought tolerant; Easy to grow
39.	Coral Bells	Heuchera americana	4-9	1x1	Moist /well drained soil/sun to light shade	E/M	Nice mounding evergreen groundcover that blooms in late spring. Do not mulch heavily.
40.	Crane Fly Orchid	Tipularia discolor	4-9	2"x4"	Moist/well drained soil /part-full shade	E	Leaves emerge in fall as green with purple undersides; Leaves disappear in late spring followed by a 10"-12" stalk of small ivory flowers. Native Orchid
41.	Creeping Phlox	Phlox subulata	2-9	0.25 x spreading	Dry to moist well drained/ sun to light shade	E	Evergreen groundcover very drought tolerant. Blooms in spring. Can tolerate light shade under deciduous trees.
42.	Downy Rattlesnake Plantain	Goodyera pubescens	6-10	0.5x0.5	Dry to moist well drained loamy, part to full shade	E/M	Nice variegated evergreen groundcover but spreads slowly. Found in woodland areas. White flower spike in late summer
43.	Ebony Spleenwort	Asplenium platyneuron	3-9	1x1	Moist/well drained soil /full-part shade	E	Evergreen; Drought tolerant; Easy to grow
44.	Foam Flower	Tiarella cordifolia	4-7	1.5x 1.5	Moist/well-drained soil /part sun/shade	E/M	Evergreen ground cover. Flowers in spring.
45.	Galax	Galax urceolata	5-8	1x?	Moist/well-drained soil /full-part shade	M	Spreading; Evergreen; Needs rich organic soil.
46.	Ginger (Littlebrownjug)	Hexastylis arifolia	6-9	6"x?	Moist/well-drained soil /full-part shade	E	Spreading; Evergreen; Prefers rich organic soil
47.	Green and Gold	Chrysogonum virginianum	5-9	0.5 x spreading	Dry to moist well drained sun to shade	E	Semi evergreen groundcover. Yellow blooms in spring and summer
48.	Ground Cedar	Diphasiastrum digitatum	4-8	0.5x spreading	Moist/well-drained soil /full-part shade	H	Spreading; Evergreen; Prefers acidic soil; Difficult to transplant and establish.
49.	Liverleaf	Hepatica americana	3-8	0.5x0.5	Dry-moist, part-full shade	E	Blue flowers winter. Evergreen foliage groundcover. Well drained loamy soil
50.	Mosses - mix	Dichranum spp, Thuidium, Leucobryum, Rhodobryum, Mnium	Vary 5-8	varies	Damp shade; acid clay to sandy soil- shade	E	Moss loves damp shade, acid soil. Must clear debris on ground to keep moss healthy. Some prefer rock, some loam, some clay, some decaying wood; depends on species
51.	Partridge Berry	Mitchella repens	4-9	2" T & spreading	Moist/well drained soil /full-part shade	E	Evergreen; Spreading; Prefers soil high in organic matter; Has red berries in fall.
52.	Plantain Leaved Pussytoes	Antennaria plantaginifolia	3-9	0.5 spreading	Moist dry/well drained soil/ shade	E	Nice mat forming evergreen groundcover blooming in spring.
53.	Reindeer Moss	Cladonia rangiferina	1-10	varies	sun to shade	E	This is actually a lichen growing on heavy loam or decaying wood.
54.	Resurrection fern	Polypodium polypodioides	6-11	0.5 x spreading	Dry to moist- grows on live & dead trees- shade	E	Best grown on living trees but will survive on old dead wood. Will withstand periods of drought and will rejuvenate once watered.
55.	Stoncrop, Wild	Sedum ternatum	3-9	0.25xspread	Moist/wet /part-full shade	E	Evergreen mat forming groundcover. Great along streambanks.
56.	Striped Wintergreen	Chimaphila maculata	5-8	0.5x0.5	Moist/well drained soil /part-full shade	E/M	Evergreen; Prefers well drained acidic soil; Commonly found under pines in Piedmont
57.	Teaberry, Common Wintergreen	Gautheria procumbens	3-7	0.5x1	Moist/well-drained soil /full-part shade	E/M	Evergreen groundcover, slow growing forming a dense mat. Grows in loamy to sandy soil. Bright red berries in fall.
58.	Toothwort, Cutleaf	Cardamine laciniata	5-8	0.5x1	Moist/ shade	E	Evergreen groundcover blooming in spring. Well drained soil.