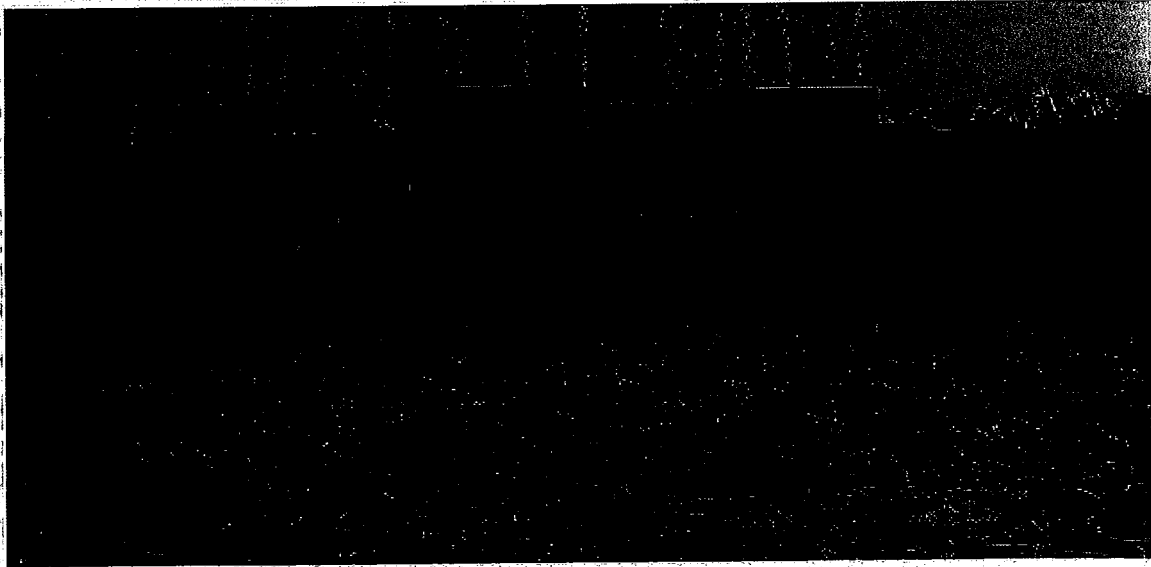


SOUTH FLORIDA WATER MANAGEMENT DISTRICT RIGHT OF WAY PLANTING CHOICES



Due to the South Florida Water Management District's interest in eliminating invasive exotic or otherwise objectionable plant species from its rights of way, and in an effort to expand the use of native species in beautification or landscaping projects on the various rights of way when such projects can be accommodated without conflicting with District operations and maintenance programs or other efforts, the District has compiled the attached listing of desirable native species. This list was created, and will be used, as a guide in determining what types of vegetation may be used within the various rights of way of the District when making Application for a Right of Way Occupancy Permit. It should not be considered all inclusive, but rather as a guide in selecting species for beautification proposals. The District staff will consider requests to use native species not included on this list on a case by case basis, particularly those native species which are drought tolerant or are part of a planting scheme employing sound *Xeriscape* principles. (For more information on *Xeriscape*, you are encouraged to contact the District's Office of Communications.)

It should be understood that not all the plant species that appear on the attached list should be considered native to all areas throughout the District. Therefore, ***the District reserves the right to specify which species may be used in a particular area.*** The Applicant should also be aware that while the list contains a section on trees, the planting of trees on the District's rights of way by private individuals will not be permitted.

DEFINITIONS AND KEY TO ABBREVIATIONS

EXAMPLE:

COMMON NAME Scientific Name	PLANTING ZONE	AVERAGE HEIGHT	SALT TOLERANCE	LIGHT REQUIREMENT	SOIL REQUIREMENT	GROWTH RATE	FEATURES AND USES	CLIMATE ZONE
GROUNDCOVERS								
Beach Sunflower <i>Helianthus debilis</i>	U	6 – 12"	H	H, M	S, WD	F	FL, A	S, SC

Planting Zone Relative elevation where optimum growth is expected. Closely related to moisture preference.

U = Upland Elevated and generally drier soils; soil not water saturated. Typical of most residential lots. Upper canal bank slope and canal overbank.

T = Transitional Lower elevations where soil tends to be wetter; sometimes saturated. Lower portions of canal bank slope.

W = Wetland Littoral shelf or intertidal areas where soil is periodically inundated. Saturated soil conditions. Lowest portion of canal slope and waterward.

Average Height Height of average specimen expressed in inches or feet.

Salt Tolerance Ability of plant to withstand exposure to salt.

H = High High or exceptional tolerance to salt. Seaside/shoreline conditions.

M = Moderate Moderate tolerance to salt exposure. Some seaward protection required.

L = Low Low tolerance to salt exposure.

Light Requirement Light conditions conducive to optimum growth.

H = High Full sun.

M = Moderate Partial Sun. Shaded during part of the day.

L = Low Low light levels. Shade to deep shade during most of the day.

Soil Requirement General soil characteristics conducive to optimum growth.

A = Acidic **W = Wide range of soil types** **WD = Well-drained**

S = Sandy **M = Moist** **MF = Moderately Fertile**

FD = Flooded/Saturated

Growth Rate Relative growth rate under average or generally favorable conditions of soil, light, moisture, etc.

F = Fast **M = Moderate** **S = Slow**

DEFINITIONS AND KEY TO ABBREVIATIONS (continued)

Features & Uses Features of notable interest of uses in landscaping.

FL = Flowers **A** = Accent **FO** = Foliage **SP** = Specimen
BK = Bark **SH** = Shade Tree **FR** = Fruits **SCR** = Screen
WV = Wildlife Value **HG** = Hedge

Climate Zone Region of state where climate will support long-term survival and growth of plant; often corresponds to a natural range of plant. Closely related to resistance to cold temperatures.

- All** = All portions of the District - from Orlando area south through the Florida Keys.
- S** = Southern portions of the state – from Lake Okeechobee area southward.
- SC** = Southern coastal areas – same approximate latitude as Lake Okeechobee southward.
- C** = Coastal areas.

NATIVE GROUNDCOVERS

COMMON NAME Scientific Name	PLANTING ZONE	AVERAGE HEIGHT	SALT TOLERANCE	LIGHT REQUIREMENT	SOIL REQUIREMENT	GROWTH RATE	FEATURES AND USES	CLIMATE ZONE
WILDFLOWERS								
Asters Aster spp.	U, T	Varies	L, M	H, M	W	M, F	FL, WV	ALL
Beach Verbena Verbena maritima	U	6 - 12"	H	H, M	S, WD	F	FL	S, SC
Beach Sunflower Helianthus debilis	U	6 - 12"	H	H, M	S, WD	F	FL, A	S, SC
Black-Eyed Susan Rudbeckia hirta	U	2'	L	H, M	W	F	FL	ALL
Blanket Flower Gaillardia pulchella	U	6 - 12"	M, H	H	S	F	FL	ALL
Blazing Star Liatris spp.	U	2-3'	L	H	S, WD	M	FL	ALL
Blue-Eyed Grass Sisyrinchium atlanticum	U, T	1'	L	H, M	M, MF	M	FL	ALL
Blue Mistflower Conoclinium coelestinum	U, T	1-2'	L	H, M	M, MF	F	FL, WV	ALL
Blue Porterweed Stachytarpheta jamaicensis	U	6 - 12"	M	H, M	W	M	FL, WV	S, SC
Blue Spiderwort Tradescantia ohiensis	U	1-2'	L	H, M	MF, S	M, F	FO, FL	ALL
Goldenrods Solidago spp.	U	2-4'	M	H, M	W	F	FL, WV	ALL
Horsemint Monarda punctata	U	2-3'	M	H, M	WD	F	FL, WV	ALL
Lantana, Pineland Lantana depressa	U	1'	M	H, M	W	F	FL, WV	ALL
Partridge Pea Chamaecrista fasciculata	U	2'	M, H	H, M	S, WD	F	FL	ALL
Pencil Flower Stylosanthes hamata	U	1-6'	H	H, M	WD, W	F	FL, FL	ALL
Pineland Heliotrope Heliotropium polyphyllum	U	1-2'	M	H, M	W	M	FL	S, SC
Pluchea Pluchea spp.	U, T	1-2'	M, H	H, M	W	M	FL	ALL
Sage (Blue, Tropical, Lyre-Leaf) Salvia spp.	U	1-3'	M, H	H, M	WD	M, F	FL, WV	ALL
Scorpion Tail Heliotropium angiospermum	U	2-3'	M	H, M	W	M, F	FL, WV	ALL
Tickseed Coreopsis leavenworthii	U, T	1-2'	L	H, M	M, MF	M, F	FL	ALL
Twinflower Dyschoriste oblongifolia	U	1'	L	H, M	W, WD	F	FL	ALL
Yellowtop Flaveria linearis	U, T	1'	M, H	H	W	M	FL	ALL (C)
GRASSES								
Bluestem Schizachyrium spp.	U	1-2'	M	H, M	S, W	M	FO	ALL
Broom Sedge Andropogon spp.	T, U	2-4'	L, M	H, M	W, M	M, F	A, FO	ALL
Cordgrass (Smooth) Spartina alterniflora	W, S	2-4'	H	H	FD	F	FO, WV	ALL
Cordgrass (Sand) Spartina bakeri	T, U	2-3'	L, M	H	S	M	A, FO, WV	ALL

COMMON NAME Scientific Name	PLANTING ZONE	AVERAGE HEIGHT	SALT TOLERANCE	LIGHT REQUIREMENT	SOIL REQUIREMENT	GROWTH RATE	FEATURES AND USES	CLIMATE ZONE
GRASSES (continued)								
Eastern Gamagrass <i>Tripsacum dactyloides</i>	T, U	2-4'	L, M	H, M	M, MF	M	FO, WV, A	ALL
Florida Gamagrass <i>Tripsacum floridanum</i>	U	1-2'	L, M	H, M	W	M	FO, WV, A	S, SC
Muhly Grass <i>Muhlenbergia capillaris</i>	U, T	2'	M	H	S	M	A, FO, FL	ALL
Purple Lovegrass <i>Eragrostis spectabilis</i>	U	1-2'	M	H, M	S	M	FL	ALL
Saltmeadow Cordgrass <i>Spartina patens</i>	T	2'	H	H, M	S, M	M	FO, WV	ALL
Seashore Dropseed <i>Sporobolus virginicus</i>	T	1'	H	H, M	S, M	M	FO	ALL
Seashore Paspalum <i>Paspalum vaginatum</i>	T	6-12"	H	H, M	S, M	M	FO	ALL
Wiregrass <i>Aristida beyrichiana</i>	U	1'	L	H, M	W	M	FO	ALL
FERNS								
Fern, Leather <i>Achrostichum spp.</i>	W, T	2-5'	M, H	W	M, MF, FD	F	A	S, SC
Fern, Shield <i>Thelypteris spp.</i>	T, U	1-2'	L	M, L	M, MF	S, M	A, FO	ALL
Fern, Swamp <i>Blechnum serrulatum</i>	T, U	1-3'	L	M, L	M, MF	M, F	A, FO	ALL
VINES								
Coral Honeysuckle <i>Lonicera sempervirens</i>	U	Vine	M	H, M	MF	M	FL, WV	ALL
Corky-Stemmed Passionflower <i>Passiflora suberosa</i>	U	Vine	M, H	W	W	M, F	WV	S, SC
Mimosa Vine <i>Mimosa strigillosa</i>	U, T	1-6'	M	H, M	W	M, F	FL	ALL
Railroad Vine <i>Ipomea pes-capre</i>	U	1'	H	H	S, WD	F	FL, FO	SC, S
HERBACEOUS								
Matchwood <i>Phyla nodiflora</i>	U, T	1-6'	M, H	H, M	W	M, S	FO	ALL
Peperomia <i>Peperomia spp.</i>	U	6"	M	M, L	WD, MF	S, M	FL	ALL
Alligator Lily <i>Hymenocallis palmeri</i>	W, T	2'	M	W	FD, M, MF	M	A, FO	ALL
Spider Lily <i>Hymenocallis latifolia</i>	U	2'	M, H	H, M	WD, S	M, F	A, FO	ALL
String, Swamp Lily <i>Crinum americanum</i>	W, T	2'	M	W	M, F, FD	M	FO, FL	ALL
Wild Petunia <i>Ruellia caroliniensis</i>	U	6"	M	W	W	M	FL	ALL
WOODY								
Golden Creeper <i>Ernodea littoralis</i>	U	1'	H	H	S, WD	M	FO	SC, S
Gopher Apple <i>Licania michauxii</i>	U	6-12"	M, H	H, M	S, WD	M	FR, WV	ALL
Snowberry, Pineland <i>Chiococca pinetorum</i>	U	2'	M	H, M	MF, S, WD	M	FR	SC, S
Quail Berry <i>Crossopetalum ilicifolium</i>	U	1-6'	M	H, M	MF	S	FO, WV	S, SC
Sea Oxeye Daisy <i>Borrchia frutescens</i>	T, U	2'	H	H, M	W	M, F	FL, FO	C

COMMON NAME Scientific Name	PLANTING ZONE	AVERAGE HEIGHT	SALT TOLERANCE	LIGHT REQUIREMENT	SOIL REQUIREMENT	GROWTH RATE	FEATURES AND USES	CLIMATE ZONE
WOODY (continued)								
St. John's Wort Hypericum spp.	T, U	2'	L	H, M	M, S, A	M	FL	ALL
Yaupon Holly, Dwarf Ilex vomitoria cv. "Schellings"	U	1 - 2'	M, H	H, M	W	S, M	FO, A	ALL

NATIVE SHRUBS

COMMON NAME Scientific Name	PLANTING ZONE	AVERAGE HEIGHT	SALT TOLERANCE	LIGHT REQUIREMENT	SOIL REQUIREMENT	GROWTH RATE	FEATURES AND USES	CLIMATE ZONE
Beauty Berry Callicarpa americana	U	4 - 6'	M	W	W	F	FR, WV	ALL
Buttonbush Cephalanthus occidentalis	T, W	4 - 6'	L	H, M	M, MF, FD	F	FL, WV	ALL
Cocoplum Chrysobalanus icaco	T, U	5 - 8'	M, H	H, M	W	M	FO, WV, HG, SCR	S, SC
Cocoplum (horizontal) Chrysobalanus icaco var. icaco cv. "horizontal"	U, T	1 - 3'	M	H, M	W	S, M	FO, WV, FR	SC, S
Firebush Hamelia patens	U	4 - 8'	M	W	MF	F	FO, FL, WV, SP	S, SC
Florida Boxwood Schaefferia frutescens	U	4 - 8'	M	H, M	MF, WD	M, S	FO	S, SC
Florida Privet Forestiera segregata	U	5 - 8'	M	H, M	W	M	FR, WV, SCR, HG	ALL
Holly, Yaupon Ilex vomitoria	U	5 - 8'	M	H, M	W	M	FR, WV, HG	ALL
Jamaican Caper Capparis cynophallophora	U	6 - 10'	M	H, M	WD, MF	M	FO, FL, SP	S, SC
Lantana, Native White Lantana involucrata	U	3 - 5'	M	H, M	W	F	FL, FR WV	S, SC
Maidenbush Savia bahamensis	U	4 - 6'	M	H, M	MF	M, S	FO	S, SC
Marlberry Ardisia escallonioides	U	5 - 8'	M	W	MF	M	FL, FR, WV	S, SC
Myrsine, Rapanea Myrsine guianensis	U	6 - 10'	M, H	W	W	H	FO, HG	S, SC
Randia, White Indigo Berry Randia aculeata	U	3 - 5'	M, H	W	W	M, S	FO, HG	ALL
Saw Palmetto Serenoa repens	U	2 - 5'	M, H	H, M	W	S	FO, A, WV	ALL
Silver Buttonwood Conocarpus erectus var. sericeus	U, T	6 - 12'	M, H	H, M	M	M	FO, A, HG	S, SC
Saltbush, Sea Myrtle Baccharis halimifolia	U, T	4 - 8'	M, H	H, M	W	F	FO	ALL
Spicewood Calyptranthes pallens	U	4 - 6'	L	H, M	M, MF, WD	M	FO, WV	S, SC
Stopper, Red Eugenia rhombea	U	4 - 6'	M	H, M	MF	M	FO, WV	S, SC
Stopper, Simpson Myrcianthes fragrans	U	5 - 10'	M	W	W	M	FR, B, WV, SCR, HG	S, SC
Stopper, Spanish Eugenia foetida	U	5 - 10'	M	H, M	MF	M	WV	S, SC
Stopper, White Eugenia axillaris	U, T	4 - 6'	M	W	M, MF	M	WV	S, SC

COMMON NAME Scientific Name	PLANTING ZONE	AVERAGE HEIGHT	SALT TOLERANCE	LIGHT REQUIREMENT	SOIL REQUIREMENT	GROWTH RATE	FEATURES AND USES	CLIMATE ZONE
SHRUBS (continued)								
Torchwood <i>Amyris elemifera</i>	U	5 – 8'	M	H, M	MF, WD	M, S	FO	S, SC
Varnish Leaf <i>Dodonea viscosa</i>	U	4 – 6'	M	H, M	WD	M, F	FR, FO	S, SC

NATIVE TREES

COMMON NAME Scientific Name	PLANTING ZONE	AVERAGE HEIGHT	SALT TOLERANCE	LIGHT REQUIREMENT	SOIL REQUIREMENT	GROWTH RATE	FEATURES AND USES	CLIMATE ZONE
Bahama Strongback <i>Bourreria ovata</i>	U	15 – 25'	M	M, H	MF, WD	M, F	FL, FR, WD	SC
Black Ironwood <i>Krugiodendron ferreum</i>	U	12 – 25'	M	M, H	MF, WD	S, M	A, FO, WV	S, SC
Blolly <i>Guapira discolor</i>	U	15 – 20'	M, H	M, H	MF, WD	M	FO, FR, WV	S, SC
Buttonwood, Green <i>Conocarpus erectus</i>	U, T	25 – 25'	M, H	M, H	M, W	M, F	FR, SCR	S, SC
Cabbage Palm <i>Sabal palmetto</i>	U, T	30 – 40'+	M, H	H, M	W	M	A, FO, WV	ALL
Cinnamon Bark <i>Canella winterana</i>	U	15 – 20'	M	M, H	MF, WD	M	A, FO, FR	S, SC
Crabwood <i>Ateramnus lucidus</i>	U	15 – 20'	M	H, M	MF	M	A, FO	S, SC
Cypress, (Bald, Pond) <i>Taxodium spp.</i>	W, T	35 – 60'+	L	H	FD, M, MF	M	FO	ALL
Dahoon Holly <i>Ilex cassine</i>	T, U	12 – 20'	L	H, M	M	M	FR, WV	ALL
Fiddlewood <i>Citharexylum fruticosum</i>	U	15 – 20'	M	H, M	WD	M, F	FO, FR, FL, WV	ALL
Geiger Tree <i>Cordia sebestena</i>	U	15 – 20'	M, H	H, M	MF, WD	M, F	FL, FL	SC
Gumbo Limbo <i>Bursera simaruba</i>	U	25 – 40'	M	H, M	WD	F	SH, BK, SP	S, SC
Inkwood <i>Exothea paniculata</i>	U	20 – 20'	M	H, M	MF, WD	M	FL	S, SC
Krug's Holly <i>Ilex Krugiana</i>	U	15 – 25'	M	W	W	M	FO, BK, WV	S, SC
Lancewood <i>Nextandra coriacea</i>	U	20 – 30'	M	H, M	MF, WD	M	FR, WV	S, SC
Laurel Oak <i>Quercus laurifolia</i>	T, U	30 – 50'+	L	H, M	M	M, F	SH, WV	ALL
Live Oak <i>Quercus virginiana</i>	U	30 – 50'+	M, H	H, M	W	M	SH, BK, WV	ALL
Loblolly Bay <i>Gordonia lasianthus</i>	T, U	25 – 40'	L	H, M	M, MF	M	SP, FL	ALL
Magnolia, Southern <i>Magnolia grandiflora</i>	U	35 – 50'+	M	H, M	MF, A	M	FL, FO	ALL
Mahogany <i>Swietenia mahogani</i>	U	25 – 35'	M	H	MF	M	SH	S, SC
Mangrove, Red <i>Rhizophora mangle</i>	W	15 – 25'	H	H, M	FD	M	FO, WV	ALL (C)
Mangrove, Black <i>Avicennia germinans</i>	W	15 – 30'	H	H, M	FD	M	FO, WV, AC	ALL (C)
Mangrove, White <i>Laguncularia racemosa</i>	W	20 – 30'	H	H, M	M, FD	F	WV	SC
Mastic Tree <i>Mastichodendron foetidissimum</i>	U	30 – 45'	M	H, M	MF, WD	M	FR, WV, SH	S, SC

COMMON NAME Scientific Name	PLANTING ZONE	AVERAGE HEIGHT	SALT TOLERANCE	LIGHT REQUIREMENT	SOIL REQUIREMENT	GROWTH RATE	FEATURES AND USES	CLIMATE ZONE
TREES (continued)								
Paradise Tree <i>Simarouba glauca</i>	U	25 – 35'	M	H, M	MF, WD	M	SH, FO, FR, WV	S, SC
Paurotis Palm <i>Acoelorrhaphe wrightii</i>	U, T	15 – 20'	M	H, M	M, MF, FD	M, S	AC, FO	ALL (C)
Persimmon <i>Diospyros virginiana</i>	U	20 – 30'	L	H, M	W	M	FR, WV	ALL
Pigeon Plum <i>Coccoloba diversifolia</i>	U	25 – 30'	M	W	MF	M	FO, SP, WV	S, SC
Pitch Apple <i>Clusia rosea</i>	U	20 – 30'	M, H	H	W	M	FL, FO	S, SC
Pond Apple <i>Annona glabra</i>	W, T	12 – 20'	M	H, M	M, MF, FD	M, F	FO, FR, WV	S, SC
Pop Ash <i>Fraxinus caroliniana</i>	T, U	15 – 25'	L	W	M, MF, FD	M	FO, WV	ALL
Red Bay <i>Persea borbonia</i>	U, T	20 – 35'	M	H, M	W	M	WV	ALL
Red Maple <i>Acer rubrum</i>	T, U	35 – 45'	L	H	M, MF, FD	F	FO, SH, WV	ALL
Red Mulberry <i>Morus rubra</i>	U	25 – 35'	M	H, M	MF	F	FO, SH, WV	ALL
Redberry Stopper <i>Eugenia confusa</i>	U	15 – 25'	M	H, M	MF, WD	M	FO, WV	S, SC
Royal Palm <i>Roystonea elata</i>	U	50 – 60'+	M	H, M	M, MF	M	SP, FO	S, SC
Satinleaf <i>Chrysophyllum oliviforme</i>	U	20 – 30'	M	H, M	M, MF	M	FO, AC, WV	S, SC
Seagrape <i>Coccoloba uvifera</i>	U	20 – 30'	H	H, M	W	M	FO, BK, WV	S, SC
Slash Pine <i>Pinus elliotii, var. densa</i>	U	40 – 50'	M	H	W	M	FO, AC, WV	ALL
Southern Red Cedar <i>Jumiperus silicicola</i>	U	25 – 30'	M, H	H	W	M	FL, SCR, WV	ALL
Sugarberry <i>Celtis laevigata</i>	U, T	25 – 35'+	L, M	H, M	M, MF	M	SH, WV	ALL
Sweetbay Magnolia <i>Magnolia virginiana</i>	T, U	25 – 35'	M	H, M	M, MF	M	SH, FL, FR, WV	ALL
Thatch Palm <i>Thrinax radiata, T. morrisii</i>	U	12 – 20'	M	H, M	MF, WD	M	FL, AC, FR, WV	S, SC
West Indian Cherry <i>Prunus myrtifolia</i>	U	20 – 35'	M	W	MF, WD	M	FO, SH, FR, WV	S, SC
Wild Tamarind <i>Lysiloma latisiliquum</i>	U	30 – 40'+	M	M, H	MF, WD	F	FO, FL, SH	S, SC
Willow Busic <i>Dipholis salicifolia</i>	U	20 – 30'	M	H, M	W	M	FO, FR, WV	S, SC
Winged Elm <i>Ulmus alata</i>	U	20 – 35'	M	H, M	W	F	FO, SH, WV	ALL