

Flightline District Approved Plant List

Tyndall Air Force Base

Botanical Name

Common Name

Canopy Trees

<i>Gordonia Lasianthus</i>	Loblolly Bay
<i>Platanus Occidentalis</i>	American Sycamore
<i>Taxodium Ascendens</i>	Pond Cypress

Understory Trees

<i>Cornus Florida</i>	Florida Dogwood
<i>Hamamelis Virginiana</i>	American Witchhazel

Shrubs, Groundcovers, Bunch Grasses

<i>Erarotis Elliotti</i>	Wind Dancer Love Grass
<i>Erarotis Spectabilis</i>	Purple Love Grass
<i>Muhlenbergia Capillaris</i>	Muhly Grass
<i>Rhododendron Canescens</i>	Pinxster Azalea
<i>Salvia Coccinea</i>	Scarlett Sage
<i>Zamia Floridana</i>	Coontie

Turfgrasses

<i>Cynodon Dactylon</i>	Bermudagrass
<i>Paspalum Notatum</i>	Bahiagrass

TREE Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Wind Resistance	Exposure	Moisture	Proposed Ecosystem Category	Notes
CANOPY TREES							
<i>Acer rubrum</i>	Red Maple	40'-70'	**	Full Sun	Wet	DF, WF, W, BE	Fall Color Tree for Wet Areas
<i>Betula nigra*</i>	River Birch	50'-80'		Part Shade	Wet	WF, W, BE	Streambanks and Ponds
<i>Carya aquatica*</i>	Water Hickory	30'-80'	**	Part Shade	Moderate	WF	Specimen Tree in Wet Settings
<i>Carya glabra</i>	Pignut Hickory	50'-80'		Part Shade		DF	Does Not Tolerate Root Disturbance
<i>Carya pallida</i>	Sand Hickory	70'-100'	**	Full Sun	Dry	DF	Nut Litter
<i>Carya tomentosa*</i>	Mockernut Hickory	60'-80'		Part Shade	Dry	DF	Nut Litter
<i>Diospyros virginiana</i>	Common Persimmon	35'-60'		Full Sun	Dry	C, DF	Highly Adaptable
<i>Liquidambar styraciflua</i>	Sweetgum	60'-80'		Full Sun	Moderate	DF, WF, W	Specimen Shade Tree
<i>Magnolia grandiflora</i>	Southern Magnolia	60'-80'		Part Shade	Moderate	C, DF, BE	Specimen Tree
<i>Nyssa aquatica*</i>	Water Tupelo	80'-100'		Part Shade	Wet	WF, W	Shade Tree for Wetland Edges
<i>Nyssa sylvatica var. biflora</i>	Swamp Tupelo	60'-80'		Part Shade	Wet	WF, W, BE	Specimen Tree in Wet Areas
<i>Pinus elliotii</i>	Slash Pine	70'-100'	**	Part Shade	Moderate	C, DF, WF	Good for low, damp, open wood areas
<i>Pinus palustris</i>	Longleaf Pine	70'-100'	**	Full Sun	Moderate	DF	Woodland Tree
<i>Quercus geminata</i>	Sand Live Oak	30'-40'		Part Shade	Dry	C, DF	Specimen Shade Tree
<i>Quercus incana</i>	Bluejack Oak	40'-55'	**	Part Shade	Dry	DF	Shaded Woodland
<i>Quercus laevis</i>	Turkey Oak	40'-60'		Full Sun	Dry	DF, BE	Specimen Shade Tree
<i>Quercus margaretta</i>	Sand Post Oak	40'-80'	**	Full Sun	Dry	C, DF	Specimen Shade Tree
<i>Quercus michauxii*</i>	Swamp Chestnut Oak	100'-120'		Part Shade	Moderate	DF, WF, W, BE	Swamp Edges, Street Tree, Parking Lots
<i>Quercus phellos*</i>	Willow Oak	60'-75'	**	Part Shade	Moderate	DF, WF, W, BE	Street Tree, Parking Lots
<i>Quercus stellata*</i>	Post Oak	40'-50'		Full Sun	Dry	DF, BE	Street Tree
<i>Quercus virginiana</i>	Southern Live Oak	40'-80'		Part Shade	Wet	C, DF, WF, BE	Specimen Shade Tree
<i>Taxodium ascendens</i>	Pond Cypress***	50'-70'		Full Sun	Wet	WF, W, BE	Specimen Tree in Wet Areas
<i>Taxodium distichum</i>	Bald Cypress	60'-80'		Full Sun	Wet	WF, W, BE	Specimen Tree in Wet Areas

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UNDERSTORY TREES							
<i>Aesculus pavia</i> *	Red Buckeye	10'-35'	**	Part Shade	Moderate	DF, WF, W, BE	Single or Multi-Stem
<i>Carpinus caroliniana</i> *	Blue Beech; Ironwood	15'-30'		Part Shade	Moderate	WF, W	Does Not Tolerate Root Disturbance
<i>Cartrema americanum</i>	Wild Olive; Devilwood	15'-20'	**	Part Shade	Wet	C, DF, WF, W, BE	Evergreen Screening
<i>Carya floridana</i> *	Scrub Hickory	15'-30'		Part Shade	Dry	C, DF	Does Not Tolerate Root Disturbance
<i>Cornus foemina</i> *	Swamp Dogwood***	10'-30'	**	Part Shade	Moderate	WF, W, BE	Specimen Tree in Wet Settings
<i>Hamamelis virginiana</i>	American Witchhazel	15'-20'	**	Part Shade	Moderate	DF, WF, W, BE	Specimen Tree
<i>Ilex ambigua</i>	Carolina Holly; Sand Holly	15'-20'	**	Part Shade	Dry	C, DF	Sandhills and Dunes
<i>Ilex cassine</i>	Dahoon	20'-30'		Part Shade	Wet	WF, W, BE	Specimen Tree in Wet Areas
<i>Ilex cassine var. myrtifolia</i>	Myrtle Dahoon	15'-20'		Part Shade	Moderate	WF, W, BE	Hedge in Wet Areas
<i>Ilex opaca</i>	American Holly	15'-30'		Part Shade	Moderate	DF, BE	Specimen Tree
<i>Magnolia virginiana</i>	Sweetbay	10'-30'		Part Shade	Wet	WF, W, BE	Specimen Tree in Wet Areas
<i>Myrica cerifera</i>	Southern Bayberry; Wax Myrtle	10'-20'	**	Full Sun	Moderate	DF, WF, W, BE	Screening Hedge
<i>Quercus chapmanii</i>	Chapman's Oak	10'-15'	**	Full Sun	Dry	C, DF	Thicket Screening
<i>Quercus myrtifolia</i>	Myrtle Oak	15'-20'		Part Shade	Moderate	C, DF	Thicket Screening
<i>Vaccinium arboreum</i>	Sparkleberry; Farkleberry	10'-35'		Part Shade	Moderate	C, DF, WF	Good for Clearings / Open Woods

PALMS

<i>Sabal palmetto</i>	Cabbage Palm	25'-60'		Full Sun	Wet	C, DF, BE	State Tree, Specimen Tree
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TREE MASTER PLANT PALETTE NOTES:

- * TREES NOT FOUND ON USFWS PLANT INVENTORY
- ** PLANT IN GROUPINGS OF FIVE (5) OR MORE OF THE SAME SPECIES OR COMPANION SPECIES
- *** APPROVED FOR FLIGHTLINE
- MOISTURE - WET = HIGH GROUNDWATER TOLERANT (2.5 feet or less soil depth), DRY = LOW GROUNDWATER CONDITIONS (more than 2.5 feet soil depth)
- TO PROVIDE ADEQUATE SOIL VOLUME AND QUALITY FOR TREES, SEE UFC 3-201-02 2-6.8.1 TREE PLANTING FOR REQUIRED SOIL VOLUMES NEAR PAVED SURFACES.

PROPOSED ECOSYSTEM CATEGORIES:

- C - COASTAL
- DF - DRY FOREST
- WF - WET FOREST
- W - WETLAND
- BE - BUILT ENVIRONMENT

SHRUB Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
SHRUBS						
<i>Aesculus pavia</i>	Red Buckeye	12'-15'	Part Shade	Moderate	DF, WF	Good for Woods/Thickets
<i>Amorpha fruticosa</i>	Bastard False Indigo	4'-12'	Full Sun	Moderate-Wet	DF, WF, BE	Good for Stream Edges/Roadsides
<i>Asimina angustifolia</i>	Slimleaf Pawpaw	3'-6'	Part Shade	Low	C, DF	Good for Xeriscaping
<i>Asimina parviflora</i>	Smallflower Pawpaw	6'-12'	Part Shade	Moderate		Good for Dry Pinewoods
<i>Calamintha coccinea</i>	Scarlet Calamint	1'-3'	Part Shade	Moderate	C, DF	Sandhills
<i>Callicarpa americana</i>	American Beautyberry	3'-6'	Part Shade	Low	WF, DF, BE	Good for Woods/Swamp Edge
<i>Cephalanthus occidentalis</i>	Buttonbush	6'-12'	Part Shade	Wet	W, WF	Good for Swamp/Pond/Swale
<i>Clethra alnifolia</i>	Coastal Sweetpepperbush	6'-12'	Part Shade	Wet	WF, W	Good for Swamp/Pond/Swale
<i>Erythrina herbacea</i>	Coral Bean	6'-12'	Part Shade	Moderate	C, DF	Coastal Sandy Woods
<i>Gaylussacia dumosa</i>	Southern Dwarf Huckleberry	1'-3'	Part Shade	Low	DF, WF, W	Wetland and Non-Wetland
<i>Gaylussacia frondosa</i> var. <i>tomentosa</i>	Blue Huckleberry	3'-5'	Part Shade	Moderate	DF, WF	Dry to Wet Woods/Thickets
<i>Gaylussacia mosieri</i>	Woolly Huckleberry	6'-10'	Part Shade	Moderate	C, WF, W	Coastal Plains/Swamps/Marshes
<i>Hypericum brachyphyllum</i>	Coastalplain St. John's Wort	3'-6'	Part Shade	Wet	WF, W	Good for Swamp/Pond/Swale
<i>Hypericum hypericoides</i>	St. Andrew's Cross	1'-3'	Part Shade	Low	DF	Good for Dry Forests
<i>Itea virginica</i>	Virginia Willow; Virginia Sweetspire	3'-6'	Part Shade	Wet	WF, W, BE	Good for Swamp/Pond/Swale
<i>Iva frutescens</i>	Bigleaf Sumpweed	6'-12'	Full Sun	Wet	WF, W	Good for Swamp/Pond/Swale
<i>Kalmia hirsuta</i>	Wicky; Hairy Laurel	3'-6'	Part Shade	Moderate	WF, W	Good for Swamp/Pond/Swale
<i>Lyonia ferruginea</i>	Rusty Staggerbush	6'-10'	Part Shade	Moderate	C, DF	Good for Sandy Soils/Dunes
<i>Lyonia lucida</i>	Fetterbush	3'-6'	Part Shade	Moderate	DF, WF, W	Low Woods/Bogs/Bays
<i>Lyonia mariana</i>	Staggerbush	2'-6'	Part Shade	Moderate	WF, W	Good for Swamp/Pond/Swale
<i>Photinia pyrifolia</i>	Red Chokeberry	6'-12'	Full Sun	Wet	WF, W	Good for Swamp/Pond/Swale
<i>Rhapidophyllum hystrix</i>	Needle Palm	3'-6'	Part Shade	Moderate	W, WF, BE	Good for Swamps/Mesic Woods
<i>Rhododendron austrinum</i> *	Florida Flame Azalea***	6'-10'	Part Shade	Moderate	WF, W, BE	Good for Screening Hedges
<i>Rhododendron viscosum</i>	Swamp Azalea***	3'-5'	Part Shade	Moderate	WF, W, BE	Good for Swampy Low Land Areas
<i>Rhus copallinum</i>	Winged Sumac	12'-36'	Full Sun	Low	DF	Good for Sandy Woodlands/Prairies

SHRUB Master Plant Palette

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Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem	
					Category	Notes
<i>Sabal minor</i>	Dwarf Palmetto	3'-6'	Full Sun- Shade	Moderate	C, W, WF, BE	Good for Lowlands/Swamps
<i>Serenoa repens</i>	Saw Palmetto	6'-8'	Part Shade	Low	DF, BE	FL-CE
<i>Vaccinium corymbosum</i>	Highbush Blueberry	6'-12'	Part Shade	Moderate	WF, W	Good for Swamps
<i>Vaccinium darrowii</i>	Darrow's Blueberry	1'-3'	Part Shade	Moderate	C, DF	Good for Scrub/Sandhills
<i>Vaccinium myrsinites</i>	Shiny Blueberry	1'-2'	Part Shade	Moderate	C, DF	Good for Scrub/Sandhills
<i>Vaccinium stamineum</i>	Deerberry	6'-12'	Part Shade	Low	DF	Good for Dry Open Woods
<i>Yucca aloifolia</i>	Spanish Bayonet; Aloe Yucca	6'-12'	Full Sun	Low	C, DF, WF, BE	Good for Sand Dunes/Marsh Edges
<i>Yucca filamentosa</i>	Adam's Needle	6'-12'	Full Sun	Low- Moderate	DF, BE	Good for Dry Open Woods

SHRUB MASTER PLANT PALETTE NOTES:

- * SHRUBS NOT FOUND ON USFWS PLANT INVENTORY
- *** APPROVED FOR FLIGHTLINE

PROPOSED ECOSYSTEM CATEGORIES:

C - COASTAL
 DF - DRY FOREST
 WF - WET FOREST
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GRASSES Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
GRASSES						
<i>Andropogon gerardii</i>	Big Bluestem	4'-8'	Part Shade	Low-Moderate	DF	Good for Low Meadows/Prairies
<i>Andropogon glomeratus</i>	Bushy Bluestem	2'-5'	Full Sun	Wet	WF, W	Good for Grassland Swales
<i>Andropogon glomeratus var. glaucopsis</i>	Purple Bluestem	3'-6'	Full Sun	Low-Moderate	DF, WF, W	Good for Pine Savanna/Bog/Swamp
<i>Andropogon ternarius</i>	Splitbeard Bluestem	2'-4'	Part Shade	Low		Good for Plains/Prairies/Meadows
<i>Andropogon virginicus</i>	Broomsedge Bluestem	3'-6'	Part Shade	Moderate	DF	Good for Dry Fields/Thin Woods
<i>Andropogon virginicus var. glaucus</i>	Chalky Bluestem	3'-5'	Part Shade	Moderate-Wet	WF, W	Good for Wetlands/Wet Savannas
<i>Aristida palustris</i>	Long Leaf Threeawn	1'-3'	Full Sun	Low	DF, BE	Good for Open Areas
<i>Aristida purpurascens</i>	Arrowfeather Threeawn	1'-2'	Full Sun	Low	DF, BE	Good for Open Areas
<i>Aristida stricta</i>	Wiregrass	1'-3'	Full Sun	Low	DF, BE	Fire-Dependent
<i>Chasmanthium laxum var. sessiliflorum</i>	Longleaf Woodoats	3'-5'	Part Shade	Moderate	DF, BE	Good for Open Woods
<i>Distichlis spicata</i>	Saltgrass	1'	Full Sun	Moderate	WF, W, BE	Good for Flats and Salt Marshes
<i>Elymus virginicus</i>	Virginia Wild Rye	2'-4'	Part Shade	Moderate	DF, BE	Good for Open Woodlands/Banks
<i>Eragrostis elliottii</i>	Elliott's Lovegrass	2'-3'	Full Sun	Moderate	DF, BE	Good for Woodlands/Prairies
<i>Eragrostis secundiflora</i>	Red Lovegrass	1'-3'	Full Sun	Low	C	Good for Coastal Dunes
<i>Eragrostis spectabilis</i>	Purple Lovegrass	1'-2'	Full Sun	Moderate	DF, BE	Good for Open Woods
<i>Eustachys glauca</i>	Saltmarsh Fingergrass	1'-5'	Part Shade	Moderate	DF, WF, W	Good for Low Woods/Marshes
<i>Eustachys petraea</i>	Pinewoods Fingergrass	1'-2'	Full Sun	Low	C, DF	Good for Xeriscaping
<i>Muhlenbergia capillaris</i>	Hairawn Muhly	1'-3'	Full Sun	Moderate	DF, BE	Good for Meadows
<i>Panicum amarum</i>	Bitter Panicgrass	3'-4'	Full Sun	Low	DF	Grows in Clumps
<i>Panicum virgatum</i>	Switchgrass	3'-6'	Full Sun	Wet	WF, BE	Good for Rain Garden
<i>Paspalum boscianum</i>	Bull Paspalum	1'-3'	Partial Sun	Moderate	DF	Good for Disturbed Areas/Forest Edge
<i>Paspalum floridanum</i>	Florida Paspalum	3'-6'	Part Shade	Moderate	DF	Good for Prairies/Meadows/Plains
<i>Paspalum setaceum</i>	Thin Paspalum	1'-3'	Part Shade	Moderate	DF	Good with Open Woods/Sandy Soil
<i>Schizachyrium scoparium</i>	Little Bluestem	2'-6'	Full Sun	Low	DF, WF, BE	Winter Interest, Good for Rain Gardens
<i>Schizachyrium tenerum</i>	Slender Bluestem	1'-3'	Full Sun	Low	DF, WF, BE	Winter Interest, Good for Rain Gardens

GRASSES Master Plant Palette

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<i>Sorghastrum elliottii</i>	Slender Indian Grass	3'-5'	Full Sun	Low	DF, BE	Well Adapted to Fire, Winter Interest
<i>Sorghastrum secundum</i>	Lopsided Indian Grass	3'-5'	Full Sun	Low	DF, BE	Well Adapted to Fire, Winter Interest
<i>Sporobolus floridanus</i>	Florida Dropseed	1'-8'	Part Shade	Wet	WF, W	Good for Wet-Mesic Pinewoods
<i>Sporobolus junceus</i>	Pineywood Dropseed	1'-3'	Full Sun	Moderate	DF, BE	Good for Pinelands
<i>Sporobolus virginicus</i>	Seashore Dropseed	1'-3'	Part Shade	Low	C	Good for Coastal Dunes
<i>Tridens ambiguus</i>	Pinebarren Fluffgrass	1'-4'	Part Shade	Moderate	DF	Good for Pine Flatwoods
<i>Tridens flavus</i>	Tall Redtop	3'-6'	Part Shade	Low	DF, BE	Good for Roadsides/Open Woodlands
<i>Triplasis purpurea</i>	Purple Sandgrass	1'-3'	Full Sun	Low	DF	Good for Prairies/Plains/Meadows
<i>Uniola paniculata</i>	Seoats	4'-6'	Full Sun	Low	C	Good for Coastal Sands

GRASSES MASTER PLANT PALETTE NOTES:

- * GRASSES NOT FOUND ON USFWS PLANT INVENTORY

PROPOSED ECOSYSTEM CATEGORIES:

- C - COASTAL
- DF - DRY FOREST
- WF - WET FOREST
- W - WETLAND
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SEDGES & RUSHES Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
SEDGES & RUSHES						
<i>Carex abscondita</i> *	Thicket Sedge	1'	Part Shade	Wet	WF, W, BE	Good for Shrublands/Forest/Banks
<i>Carex atlantica</i>	Prickly Bog Sedge	1'-2'	Part Shade	Wet	W, BE	Good for Wetlands
<i>Carex atlantica ssp. atlantica</i>	Atlantic Sedge	3'-4'	Part Shade	Wet	WF, W, BE	Good for Woodlands/Wetlands
<i>Carex baltzelli</i> *	Baltzell's Sedge	1'-2'	Part Shade	Wet		Good for Woodlands/Wetlands
<i>Carex basiantha</i> *	Willdenow's Sedge	1'-2'	Part Shade	Wet	WF, W, BE	Good for Woodlands/Wetlands
<i>Carex comosa</i> *	Longhair Sedge	2'-3'	Part Shade	Wet	WF, W, BE	Good for Swamps/Damp Meadow
<i>Carex crebiflora</i> *	Coastalplain Sedge	1'-2'	Part Shade	Wet	C, WF, W, BE	Good for Coastal Plains
<i>Carex digitalis</i> *	Slender Woodland Sedge	1'-2'	Part Shade	Low	DF, BE	Dry or Mesic Forests
<i>Carex ellioti</i>	Elliott's Sedge	2'-3'	Part Shade	Wet	DF, BE	Dry or Mesic Forests
<i>Carex glaucescens</i>	Southern Waxy Sedge	3'-4'	Part Shade	Wet	WF, W, BE	Good for Wetland/Stream Restoration
<i>Carex leptalea</i> *	Bristly-Stalked Sedge	3'-4'	Part Shade	Wet	WF, W, BE	Good for Swamp/Marsh/Bog/Fen
<i>Carex longii</i> *	Long's Sedge	2'-3'	Part Shade	Wet	WF, W, BE	Good for Wetlands
<i>Carex lupuliformis</i> *	False Hop Sedge	3'-4'	Full Sun	Wet	WF, W, BE	Good for Swamps/Wet Meadows/Ditches
<i>Carex nigromarginata</i> *	Blackedge Sedge	1'	Part Shade	Moderate	DF, BE	Good for Woodland/Roadside/Thickets
<i>Carex striata</i> *	Walter's Sedge	2'-3'	Part Shade	Wet	WF, W, BE	Good for Wetlands
<i>Carex styloflexa</i> *	Bent Sedge	2'-3'	Part Shade	Wet	WF, W, BE	Good for Wetlands
<i>Carex tenax</i> *	Wire Sedge	2'-3'	Part Shade	Dry	C, DF, BE	Dry Mesic/Longleaf Pine/Sandy Savanna
<i>Carex verrucosa</i>	Warty Sedge	3'-4'	Part Shade	Wet	W, BE	Shallow Water of Cypress Ponds/Marshes
<i>Cyperus haspan viviparus</i>	American Flatsedge	1'	Part Shade	Low	C, DF	Good for Dunes/Sandy Woodlands
<i>Eleocharis elongata</i>	Slim Spikerush	1'-3'	Full Sun	Wet	W, WF	Good for Streams/Lakes/Bogs/ Moist Meadows
<i>Eleocharis flavescens</i>	Yellow Spikerush; Pale Spikerush	6"	Full Sun	Wet	W, WF	Good for Muddy Shores/Bogs/Mud Flats
<i>Eleocharis geniculata</i>	Canada Spikerush	1'-2'	Full Sun	Wet	W, WF	Lakeshores/Streams
<i>Eleocharis tuberculosa</i>	Conecup Spikerush	1'-3'	Full Sun	Wet	W, WF	Fresh Water Aquatic
<i>Juncus acuminatus</i> *	Tapertip Rush	2'-3'	Part Shade	Wet	W, WF, BE	Wetlands and Rain Gardens

SEDGES & RUSHES Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem	
					Category	Notes
<i>Juncus bufonius</i> *	Toad Rush	1'	Part Shade	Wet	C, W, WF, BE	Wetlands and Riparian Areas
<i>Juncus coriaceus</i> *	Leathery Rush	2'-3'	Part Shade	Wet	W, WF, BE	Wetlands and Riparian Areas
<i>Juncus dichotomus</i>	Forked Rush	1'	Part Shade	Wet	W, WF, BE	Wetlands and Riparian Areas
<i>Juncus elliotii</i>	Elliott's Rush	2'-3'	Part Shade	Wet	W, WF, BE	Wetland and Wet Habitats
<i>Juncus diffusissimus</i> *	Slimpod Rush	1'-2'	Part Shade	Wet	C, W, WF, BE	Wetland Areas
<i>Juncus effusus</i> ssp. <i>Solutus</i> *	Soft Rush	2'-3'	Part Shade	Wet	W, WF, BE	Marshes, Ditches, Fens
<i>Juncus gymnocarpus</i> *	Pennsylvania Rush	2'-3'	Part Shade	Wet	W, WF, BE	Wetland and Wet Habitats
<i>Juncus marginatus</i>	Shore Rush	1'-2'	Part Shade	Moderate	C, W, WF, BE	Wet Sandy Sites
<i>Juncus megacephalus</i>	Bighead Rush	2'-3'	Part Shade	Wet	C, W, WF, BE	Wet Sandy Sites
<i>Juncus pelocarpus</i>	Annual Rush	1'	Part Shade	Wet	W, WF, BE	Wetlands
<i>Juncus polycephalos</i>	Many-Headed Rush	1'	Part Shade	Wet	W, WF, BE	Wetlands
<i>Juncus repens</i>	Lesser Creeping Rush	1'	Part Shade	Wet	W, WF, BE	Swampy Areas
<i>Juncus roemerianus</i>	Needle Rush	4'-5'	Part Shade	Wet	C, BE	Coastlines
<i>Juncus scirpoides</i>	Needlepod Rush	1'-2'	Part Shade	Wet	W, WF, BE	Prairie, Wet Meadows, Ditches
<i>Juncus trigonocarpus</i> *	Redpod Rush	2'-3'	Part Shade	Wet	W, WF, BE	Prairie, Wet Meadows, Ditches
<i>Juncus validus</i>	Roundhead Rush	2'-3'	Part Shade	Wet	W, WF, BE	Prairie, Wet Meadows, Ditches
<i>Rhynchospora tracyi</i>	Tracy's Beaksedge	1-3'	Part Shade	Wet	W, WF	Wetlands, marshes, bogs
<i>Rhynchospora</i> ssp.	Beaksedge	1'-3'	Part Shade	Wet	W, WF	Marshes and Bogs

SEDGES & RUSHES MASTER PLANT PALETTE NOTES:

- * SEDGES & RUSHES NOT FOUND ON USFWS PLANT INVENTORY

PROPOSED ECOSYSTEM CATEGORIES:

C - COASTAL

DF - DRY FOREST

WF - WET FOREST

W - WETLAND

BE - BUILT ENVIRONMENT

HERBACEOUS PERENNIAL Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
WILDFLOWERS						
<i>Aletris lutea</i>	Yellow Colicroot	1'-3'	Full Sun	Wet	DF, WF, W	Pine Flatwoods, Savannas, Bogs
<i>Allium canadense</i>	Meadow Garlic	1'	Full Sun	Moderate	DF, WF, W	Open Woods; Prairies
<i>Amsonia tabernaemontana</i>	Eastern Bluestar	1'-3'	Part Shade	Wet		Wet, Sandy Sites in Thin Woods & on Plains
<i>Asclepias tuberosa</i>	Butterfly Milkweed	1'-3'	Full Sun	Moderate	DF, WF	Prairies, Open Woods, Canyons, and Hillsides
<i>Asclepias cinerea</i>	Carolina Milkweed	1'-3'	Full Sun	Wet	C, WF, W	Sandhills, Flatwoods, Bogs
<i>Asclepias connivens</i>	Largeflower Milkweed	1'-3'	Part Shade	Moderate	C, WF, W	Savannas, Bogs, and Flatwoods
<i>Asclepias humistrata</i>	Pinewoods Milkweed	1'-3'	Full Sun	Dry	DF	Dry Areas with Sandy Soils, or Adjacent to Open Forests.
<i>Asclepias lanceolata</i>	Fewflower Milkweed	3'-6'	Full Sun	Wet	WF, W	Fresh to Brackish Marshes; Wet Pinelands
<i>Asclepias longifolia</i>	Longleaf Milkweed	1'-2'	Full Sun	Moderate	DF, WF, W	Swamps, Savannas, Flatwoods and Low Pinelands
<i>Asclepias michauxii</i>	Michaux'S Milkweed	1'-3'	Part Shade	Dry	DF	Grows on Sandy Soils in Pine Woods
<i>Asclepias pedicellata</i>	Savannah Milkweed	1'	Full Sun	Dry	DF	Upland Habitats, Pine Flatwoods and Prairie
<i>Aster novae-angliae</i>	New England Aster	3'-6'	Part Shade	Wet	WF, W	Moist, Open Wooded Areas; Meadows; Mesic Prairies
<i>Aureolaria flava</i>	Smooth Yellow False Foxglove	3'-4'	Part Shade	Dry	DF	Dry Forest Upland or a Dry Sandy Savanna
<i>Balduina uniflora</i>	Oneflower Honeycombhead	1'-2'	Part Shade	Wet	WF, W	Wet Pine Savannas, Pine Flatwoods, and Bogs
<i>Baptisia lanceolata</i>	Gopherweed	1'-3'	Full Sun	Moderate	DF, WF	Sandhills; Open Woods
<i>Berlandiera pumila</i>	Soft Greeneyes	1'-3'	Part Shade	Dry	DF	Sandy Soils, Open Fields
<i>Calopogon barbatus</i>	Bearded Grasspink	1'-3'	Part Shade	Wet	C, WF, W	Bogs; Bog Meadows; Sandy Sites
<i>Calopogon pallidus</i>	Pale Grasspink	1'-2'	Part Shade	Wet	WF, W	Sandhills
<i>Calopogon tuberosus</i>	Tuberous Grasspink	1'-3'	Part Shade	Wet	C, WF, W	Bogs; Bog Meadows; Sandy Sites
<i>Cassia fasciculata</i>	Partridge Pea	1'-3'	Part Shade	Moderate	DF	Good for Open Woodlands/Prairie
<i>Commelina erecta</i>	Whitemouth Dayflower	1'-3'	Part Shade	Dry	DF	Open Pinelands; Dry Scrub & Woods
<i>Coreopsis lanceolata</i>	Lanceleaf Tickseed	1'	Shade	Dry	DF, BE	Open Woodlands, Prairie, Plains, Savannas
<i>Coreopsis linifolia</i>	Texas Tickseed	1'-3'	Part Shade	Wet	WF, W, BE	Wet Flatwoods, Wet Prairie, Open Prairie, Roadside Swales
<i>Coreopsis major</i>	Whorled Coreopsis	2'-3'	Full Sun	Moderate	DF	Sandy or Rocky Slopes and Hills

HERBACEOUS PERENNIAL Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
<i>Coreopsis nudata</i>	Georgia Tickseed	3'-6'	Part Shade	Wet	WF, W, BE	Moist, Open Pinelands; Wet Swales
<i>Croton argyranthemus</i>	Silver Croton; Healing Croton	1'-2'	Full Sun	Moderate	C, DF	Longleaf pine forest, sandhills
<i>Dalea pinnata</i> var. <i>trifoliata</i>	Summer Farewell	1'-3'	Part Shade	Dry	DF	Dry Woodlands and Forests; Sandhills
<i>Desmodium canescens</i>	Hoary Ticktrefoil	1'-5'	Part Shade	Dry	DF	Woodland, Savanna, Prairie, Meadow, Field
<i>Desmodium ciliare</i>	Ticktrefoil	2'-3'	Part Shade	Dry	DF	Pine Forests and Flatwoods
<i>Desmodium floridanum</i>	Florida Ticktrefoil	2'-6'	Part Shade	Dry	DF	Pine Native Communities, Pine Flatwoods
<i>Desmodium laevigatum</i>	Smooth Ticktrefoil	2'-4'	Part Shade	Dry	DF	woodland borders, pine and dry oak forests
<i>Desmodium lineatum</i>	Sand Ticktrefoil	1'	Part Shade	Dry	DF	Dry Woodlands; Sandhills
<i>Desmodium paniculatum</i>	Panicled Ticktrefoil	2'-3'	Part Shade	Dry	DF	Sandy Open Woodlands, Savannas
<i>Desmodium strictum</i>	Pineland Ticktrefoil	3'-6'	Part Shade	Dry	DF	Sandhills, Pine Flatwoods, Dry Hammocks
<i>Desmodium tenuifolium</i>	Slimleaf Ticktrefoil	2'-4'	Part Shade	Dry	DF	Sandhills, Pine Flatwoods, Dry Hammocks
<i>Desmodium viridiflorum</i>	Velvetleaf Ticktrefoil	3'-5'	Part Shade	Dry	DF	Sandhills, Pine Flatwoods, Dry Hammocks
<i>Echinacea purpurea</i>	Purple Coneflower	3'-5'	Part Shade	Moderate	DF, BE	Upland Mixed Forest
<i>Elephantopus elatus</i>	Tall Elephantsfoot	1'-3'	Part Shade	Moderate	DF, WF, W	Flatwoods, Sandhills, Wet Prairie
<i>Erigeron strigosus</i>	Prairie Fleabane	1'-3'	Full Sun	Dry	DF	Open Prairie, Roadsides
<i>Erigeron vernus</i>	Early Whitetop Fleabane	1'-3'	Full Sun	Moderate	DF, WF, W	Flatwoods and Savannas
<i>Eriogonum tomentosum</i>	Dogtongue Wild Buckwheat	1'-3'	Full Sun	Dry	C, DF	Sandhills
<i>Eryngium yuccifolium</i>	Rattlesnakemaster, Button Eryngo	4'-6'	Full Sun	Wet	WF, W	Bog or Pond
<i>Eupatorium album</i>	White Thoroughwort	2'-3'	Full Sun	Dry	DF	Pine Barrens
<i>Eupatorium fistulosum</i>	Joe Pye Weed	5'-12'	Part Shade	Wet	DF, WF, W, BE	Meadows, Bogs or Marshes, Streambanks
<i>Eupatorium hyssopifolium</i>	Hyssopleaf Eupatorium	2'-3'	Full Sun	Moderate	DF, WF, W	Roadsides
<i>Eupatorium leptophyllum</i>	Falsefennel	4'-6'	Part Shade	Wet	WF, W	Bog or Pond
<i>Eupatorium leucolepis</i>	Justiceweed	1'-3'	Part Shade	Wet	WF, W	Bog or Pond
<i>Eupatorium mikanioides</i>	Semaphore Thoroughwort	1'-3'	Part Shade	Wet	WF, W	Flatwoods or Salt Marshes
<i>Eupatorium mohrii</i>	Mohr'S Thoroughwort	2'-3'	Part Shade	Moderate	DF, WF, W	Pinelands and Savannas

HERBACEOUS PERENNIAL Master Plant Palette

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<i>Eupatorium pilosum</i>	Rough Boneset Roundleaf	2'-3'	Part Shade	Wet	WF, W	Bog or Pond
<i>Eupatorium rotundifolium</i>	Thoroughwort; False Horehound	3'-4'	Part Shade	Moderate	DF, WF, W	Pinelands and Savannahs
<i>Eupatorium serotinum</i>	Lateflowering Thoroughwort	1'-3'	Part Shade	Wet	WF, W	Meadows, Bogs or Marshes, Streambanks
<i>Euthamia caroliniana</i>	Slender Flattop Goldenrod	1'-3'	Full Sun	Moderate	DF, WF, W	Open Fields, Thickets
<i>Euthamia graminifolia</i>	Flattop Goldenrod	1'-4'	Full Sun	Moderate	DF, WF, W	Open Fields, Thickets
<i>Gratiola hispida</i>	Rough Hedgehyssop	1'	Part Shade	Moderate	DF	Dry Flatwoods
<i>Gratiola pilosa</i>	Shaggy Hedgehyssop	1'	Part Shade	Moderate	DF, WF, W	Sandy Pine Forest
<i>Gratiola ramosa</i>	Branched Hedgehyssop	1'	Part Shade	Moderate	DF, WF, W	Sandy Pine Forest
<i>Habenaria nivea</i>	Snowy Orchid	2'-3'	Part Shade	Wet	WF, W	Moist Woodlands and Meadows, Bogs
<i>Habenaria repens</i>	Waterspider False Reinorchid	1'-2'	Part Shade	Wet	WF, W	Marshes and Shorelines
<i>Helenium pinnatifidum</i>	Southeastern Sneezeweed	1'-3'	Part Shade	Wet	WF, W	Wet Flatwoods, Wet Prairie, Open Prairie, Roadside Swales
<i>Helenium vernale</i>	Savannah Sneezeweed	2'-3'	Part Shade	Moderate	DF, WF, W	Roadsides
<i>Helianthus angustifolius</i>	Swamp Sunflower	1'-3'	Full Sun	Wet	WF, W	Flood Plains, Bottomland
<i>Helianthus heterophyllus</i>	Variableleaf Sunflower	3'-4'	Full Sun	Moderate	DF, WF, W	Wiregrass Savannahs, Pine Flatwoods, Bogs
<i>Helianthus radula</i>	Stiff Sunflower	1'-2'	Full Sun	Moderate	DF, WF, W	Flatwoods, Roadsides
<i>Heliopsis helianthoides</i>	False Sunflower	3'-5'	Full Sun	Dry	DF, BE	Open woodlands, Prairie, Plains, Savannahs
<i>Hibiscus aculeatus</i>	Comfortroot	3'-6'	Part Shade	Moderate	DF, WF, W	prairies, savannahs, meadows
<i>Hibiscus grandiflorus</i>	Swamp Rosemallow	4'-6'	Part Shade	Wet	WF, W	Marshes and Ditches
<i>Hieracium gronovii</i>	Queen-Devil	1'-3'	Part Shade	Moderate	C, DF	Moist or mesic sand prairies, sandy thickets, savannas
<i>Hypoxis juncea</i>	Fringed Yellow Stargrass	1'-2'	Part Shade	Wet	WF, W	Wetland Forb
<i>Hyptis alata</i>	Clustered Bushmint; Musky Mint	2'-3'	Part Shade	Wet	WF, W	Freshwater Wetlands
<i>Iris tridentata</i>	Savannah Iris	1'-2'	Part Shade	Wet	WF, W, BE	Swamps and Wetlands
<i>Iris virginica</i>	Virginia Iris; Blue Flag Iris	1'-2'	Full Sun	Wet	WF, W, BE	Pond Edges, Roadside Swales
<i>Lachnanthes caroliniana</i>	Carolina Redroot	1'-3'	Part Shade	Moderate	C, W, WF	Sandy shores, bogs, swamps, wetland
<i>Lachnocaulon anceps</i>	Whitehead Bogbutton	1'	Part Shade	Wet	WF, W	Wet Pine Flatwoods, Bogs, Savannahs

HERBACEOUS PERENNIAL Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
<i>Lachnocaulon beyrichianum</i>	Southern Bogbutton	1'	Part Shade	Moderate	C, DF, WF, W	Wet Pine Flatwoods, Bogs, Savannas
<i>Lachnocaulon engleri</i>	Engler'S Bogbutton	1'	Part Shade	Wet	WF, W	Wet Pine Flatwoods, Bogs, Savannas
<i>Lachnocaulon minus</i>	Small'S Bogbutton	6"	Part Shade	Wet	WF, W	Wet Pine Flatwoods, Bogs, Savannas
<i>Lespedeza hirta</i>	Hairy Lespedeza	1'-3'	Part Shade	Low	DF	Savanna, Prairie/Meadow/Field
<i>Lespedeza repens</i>	Creeping Lespedeza	1'-3'	Part Shade	Low	DF	Open woods, clearings, thickets
<i>Liatis elegans</i>	Pinkscale Gayfeather	1'-4'	Full Sun	Dry	C, DF, BE	Prairies, Sandhills, Mesic Flatwoods
<i>Liatis gracilis</i>	Slender Gayfeather	2'-4'	Full Sun	Moderate	DF, WF, W, BE	Mesic to Wet Flatwoods, Bogs, Savannas
<i>Liatis spicata</i>	Dense Gayfeather	3'-4'	Full Sun	Wet	WF, W, BE	Mesic Prairies, Marsh Edges
<i>Liatis tenuifolia</i>	Shortleaf Gayfeather	3'-6'	Full Sun	Dry	C, DF	Dry Pinelands, Dunes
<i>Limonium carolinianum</i>	Carolina Sealavender	1'	Part Shade	Wet	WF, W	Salt Marshes
<i>Lobelia brevifolia</i>	Shortleaf Lobelia	1'-3'	Full Sun	Wet	WF, W	Wet Flatwoods and Bogs
<i>Lobelia floridana</i>	Florida Lobelia	3'-5'	Full Sun	Wet	WF, W	Wet Flatwoods and Bogs
<i>Lobelia glandulosa</i>	Glade Lobelia	2'-4'	Part Shade	Wet	WF, W	Wet Flatwoods and Bogs
<i>Lobelia paludosa</i>	White Lobelia	1'-2'	Part Shade	Wet	WF, W	Wet Flatwoods and Bogs
<i>Lophiola aurea</i>	Golden Crest	2'-3'	Part Shade	Wet	WF, W	Wet Prairies, Bogs
<i>Monarda punctata</i>	Spotted Beebalm	1'-3'	Full Sun	Dry	DF	Prairies, Plains, Meadows, Savannas
<i>Peltandra sagittifolia</i>	White Arrow Arum; Spoonflower	1'	Full Sun	Wet	WF, W	Wet Sites
<i>Pityopsis adenolepis</i>	Pineland Silkgrass	1'-2'	Full Sun	Dry	DF	Pine Wiregrass Woods
<i>Pityopsis graminifolia</i>	Narrowleaf Silkgrass	2'-3'	Full Sun	Dry	C, DF	Dry Prairies, Sandhills
<i>Pityopsis oligantha</i>	Grassleaf Goldenaster	1'-2'	Full Sun	Moderate	DF, WF, W	Pine Flatwoods, Bogs
<i>Pluchea baccharis</i>	Rosy Camphorweed	1'-3'	Full Sun	Wet	WF, W	Marshes and Wet Pinelands
<i>Pluchea foetida</i>	Stinking Camphorweed	1'-3'	Part Shade	Wet	WF, W	Swampy Woodlands
<i>Pterocaulon pycnostachyum</i>	Blackroot	2'-3'	Full Sun	Dry	DF	Upland Forests, Savannas
<i>Rhexia alifanus</i>	Savannah Meadowbeauty	2'-3'	Part Shade	Moderate	DF, WF, W	Pine Flatwoods, Savannas, Marshes, Bogs
<i>Rhexia lutea</i>	Yellow Meadowbeauty	1'-2'	Part Shade	Moderate	DF, WF, W	Pine Flatwoods, Savannas, Marshes, Bogs

HERBACEOUS PERENNIAL Master Plant Palette

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Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
<i>Rhexia mariana</i>	Pale Meadowbeauty	1'-2'	Part Shade	Moderate	DF, WF, W	Pine Flatwoods, Savannas, Marshes, Bogs
<i>Rhexia nashii</i>	Maid Marian	1'-5'	Part Shade	Moderate	DF, WF, W	Pine Flatwoods, Savannas, Marshes, Bogs
<i>Rhexia petiolata</i>	Fringed Meadowbeauty	1'-2'	Part Shade	Moderate	DF, WF, W	Pine Flatwoods, Savannas, Marshes, Bogs
<i>Rhexia virginica</i>	Handsome Harry	1'-2'	Part Shade	Moderate	DF, WF, W	Pine Flatwoods, Savannas, Marshes, Bogs
<i>Rudbeckia graminifolia</i>	Grassleaf Coneflower	1'-2'	Full Sun	Moderate	DF, WF, W, BE	Savannas and Roadsides
<i>Rudbeckia hirta</i>	Black-Eyed Susan	2'-3'	Full Sun	Moderate	DF, WF, W, BE	Savannas and Roadsides
<i>Ruellia caroliniensis</i>	Carolina Wild Petunia	1'-3'	Part Shade	Moderate	DF, WF, W	Dry Mesic Flatwoods, Sandhills
<i>Salvia azurea</i>	Blue Sage	3'-6'	Part Shade	Dry	DF, BE	Prairie, Savannahs, Meadows
<i>Scutellaria integrifolia</i>	Helmet Skullcap	1'-2'	Full Sun	Wet	WF, W	Clearings, Open Woods
<i>Selaginella arenicola</i>	Sand Spike-Moss	6"	Full Sun	Dry	C, DF	Sandhills
<i>Sisyrinchium angustifolium</i>	Narrowleaf Blue-Eyed Grass	1'-2'	Part Shade	Wet	WF, W, BE	Meadows, Open Fields
<i>Sisyrinchium nashii</i>	Nash'S Blue-Eyed Grass	1'-2'	Part Shade	Dry	DF	Longleaf Pine, Wiregrass Flats
<i>Solidago fistulosa</i>	Pinebarren Goldenrod	6'-8'	Part Shade	Wet	WF, W	Wet Hammocks, Roadside Swales
<i>Solidago juncea</i>	Early Goldenrod	3'-6'	Part Shade	Moderate	DF, WF, W, BE	Open Fields, Woodland Borders
<i>Solidago odora</i>	Anise-Scented Goldenrod	2'-5'	Part Shade	Moderate	DF, WF, W, BE	Savannahs, Pinelands
<i>Solidago puberula</i>	Downy Goldenrod	2'-3'	Part Shade	Dry	DF, BE	Open Woodlands, Sandy Areas
<i>Solidago rigida</i>	Rigid Goldenrod	3'-5'	Full Sun	Moderate	DF, WF, W, BE	Dry Prairies
<i>Solidago sempervirens</i>	Seaside Goldenrod	2'-8'	Full Sun	Moderate	C, DF	Saline Places along the Coast
<i>Solidago stricta</i>	Wand Goldenrod	3'-6'	Full Sun	Wet	C, WF, W, BE	Coastal Marshes, Bogs, Wet Mesic Flatwoods
<i>Spiranthes praecox</i>	Greenvein Ladiestresses	2'-3'	Part Shade	Wet	WF, W	Savannas, Swamps, Bogs
<i>Spiranthes vernalis</i>	Spring Ladiestresses	1'-2'	Part Shade	Moderate	DF, WF, W	Prairies, Roadsides
<i>Stylosanthes biflora</i>	Sidebeak Pencilflower	1'-2'	Part Shade	Moderate	DF, WF, W	Longleaf Pine, Wiregrass Flats
<i>Symphotrichum concolor</i>	Eastern Silver Aster	1'-3'	Full Sun	Dry	C, DF	Meadows, grasslands, pinelands
<i>Symphotrichum dumosum</i>	Long-Stalkedaster	1'-3'	Full Sun	Moderate	C, DF	Coastal, meadows
<i>Tephrosia chrysophylla</i>	Scurf Hoarypea	6"	Part Shade	Dry	C, DF	Pine-Oak-Wiregrass Woodlands

HERBACEOUS PERENNIAL Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
<i>Tephrosia florida</i>	Florida Hoarypea	6"	Part Shade	Dry	C, DF	Pine-Oak-Wiregrass Woodlands
<i>Tephrosia spicata</i>	Spiked Hoarypea	1'-3'	Part Shade	Dry	DF	Deciduous Legume, Open Fields
<i>Tradescantia hirsutiflora</i>	Hairyflower Spiderwort	1'	Part Shade	Wet	WF, W	Sandy Soils of Prairies, Woods, and Streambanks
<i>Tradescantia ohioensis</i>	Bluejacket; Ohio Spiderwort	1'-3'	Part Shade	Dry	DF, WF	Moist Meadows; Prairies; Thickets
<i>Verbena hastata</i>	Blue Vervain	3'-6'	Part Shade	Wet	WF, W	Wet Meadows, River Bottomlands, Streambanks
<i>Verbena officinalis subsp. halei</i>	Texas Vervain	1'-3'	Full Sun	Dry	DF	Rich Thickets and Woodland Borders
<i>Vernonia altissima</i>	Tall Ironweed	5'-8'	Part Shade	Moderate	DF, WF, BE	Moist Fields or Open Woods
<i>Vernonia angustifolia</i>	Narrow-Leaf Ironweed	2'-4'	Part Shade	Dry	DF, BE	Sandy Woods, Sandhills, Roadsides
<i>Viola lanceolata</i>	Bog White Violet	6"	Shade	Wet	WF, W	Mesic Floodplain Forests and Bogs
<i>Viola palmata</i>	Early Blue Violet	1'	Part Shade	Moderate	DF, WF	Deciduous Woods; Limestone Ledges
<i>Xyris ambigua</i>	Coastalplain Yelloweyed Grass	2'-3'	Part Shade	Moderate	DF, WF, W	Flatwoods, Bogs, Savannahs
<i>Xyris caroliniana</i>	Carolina Yelloweyed Grass	3'	Part Shade	Moderate	C, WF	Coastal Plains, Pine Savanna, Bog Edges

HERBACEOUS PERENNIAL WILDFLOWERS MASTER PLANT PALETTE NOTES:

- * HERBACEOUS PERENNIAL WILDFLOWERS NOT FOUND ON USFWS PLANT INVENTORY

PROPOSED

ECOSYSTEM

CATEGORIES:

C - COASTAL

DF - DRY FOREST

WF - WET FOREST

W - WETLAND

BE - BUILT ENVIRONMENT

HERBACEOUS PERENNIAL MISC. Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
AQAUTICS						
<i>Azolla filiculoides</i>	American Waterfern; Mosquitofern	3"	Part Shade	Wet	WF, W	Rain Gardens
<i>Centella asiatica</i>	Spadeleaf	6"	Part Shade	Wet	WF, W	Wetland
<i>Eriocaulon compressum</i>	Flattened Pipewort	1'-2'	Part Shade	Wet	WF, W	Wet Soil or Shallow Water
<i>Eriocaulon decangulare</i>	Tenangle Pipewort	1'-2'	Part Shade	Wet		Wet Soil or Shallow Water
<i>Ludwigia alata</i>	Winged Primrosewillow	1'-2'	Part Shade	Wet	WF, W	Marshes and Bogs
<i>Ludwigia lanceolata</i>	Lanceleaf Seedbox	1'-2'	Part Shade	Wet	WF, W	Marshes and Bogs
<i>Ludwigia linearis</i>	Narrowleaf Primrosewillow	2'-3'	Part Shade	Wet	WF, W	Marshes and Bogs
<i>Ludwigia linifolia</i>	Southeastern Primrosewillow	2'-3'	Part Shade	Wet	WF, W	Marshes and Bogs
<i>Ludwigia maritima</i>	Seaside Primrosewillow	2'-3'	Full Sun	Wet	WF, W	Marshes and Bogs
<i>Ludwigia microcarpa</i>	Smallfruit Primrosewillow	1'-2'	Part Shade	Wet	WF, W	Marshes and Bogs
<i>Ludwigia pilosa</i>	Hairy Primrosewillow	2'-3'	Part Shade	Wet	WF, W	Marshes and Bogs
<i>Ludwigia repens</i>	Creeping Primrosewillow	1'-2'	Part Shade	Wet	WF, W	Marshes and Bogs
<i>Ludwigia virgata</i>	Savannah Primrosewillow	2'-3'	Part Shade	Wet	WF, W	Marshes and Bogs
<i>Nelumbo lutea</i>	Lotus	3'-6'	Part Shade	Wet	WF, W	Still Water
<i>Nymphaea odorata</i>	American White Waterlily	1'	Part Shade	Wet	WF, W	Aromatic, Bog or Pond Area
<i>Orontium aquaticum</i>	Goldenclub; Neverwet	1'-3'	Part Shade	Wet	WF, W	Swamps, Shallow Water Pools
<i>Pontederia cordata</i>	Pickerelweed	1'-3'	Part Shade	Wet	WF, W	Marshes, Shallow Water Pools
<i>Sagittaria graminea</i> var. <i>graminea</i>	Grassy Arrowhead	1'-2'	Part Shade	Wet	WF, W	Marshes, Shallow Water Pools
<i>Sagittaria latifolia</i>	Broadleaf Arrowhead	2'-3'	Part Shade	Wet	WF, W	Marshes, Shallow Water Pools
<i>Saururus cernuus</i>	Lizard'S Tail	1'-3'	Part Shade	Wet	WF, W	Still Water
<i>Lycopodiella alopecuroides</i>	Foxtail Club-Moss	1'	Part Shade	Wet	C, WF, W	Bogs, wet meadows, sandy seeps
<i>Lycopodiella caroliniana</i>	Slender Club-Moss	1'	Part Shade	Wet	C, WF, W	Bogs, wet meadows, sandy seeps

HERBACEOUS PERENNIAL MISC. Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
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FERNS

<i>Osmunda cinnamomea</i>	Cinnamon Fern	3'-6'	Part Shade	Wet	WF, W, BE	FL - Commerically Exploited
<i>Osmunda regalis</i>	Royal Fern	2'-5'	Part Shade	Wet	WF, W, BE	FL - Commerically Exploited
<i>Pteridium aquilinum</i>	Bracken Fern	1'-3'	Shade	Moderate	DF, WF, W, BE	Aggressive, Best in Dry, Shady Places
<i>Woodwardia areolata</i>	Netted Chain Fern	1'-2'	Shade	Wet	WF, W, BE	Groundcover for Wet, Shady Places
<i>Woodwardia virginica</i>	Virginia Chain Fern	2'-3'	Part Shade	Wet	WF, W, BE	Aggressive, Best in Water Logged Areas

GROUNDCOVER

<i>Bacopa monnieri</i>	Herb-Of-Grace	6"	Part Shade	Wet	WF, W	Marshes
<i>Mitchella repens</i>	Partridgeberry; Twinberry	3"	Shade	Moderate	DF, WF	Woodlands
<i>Phyla nodiflora</i>	Turkey Tangle Fogfruit; Capeweed	6"	Part Shade	Moderate	DF, WF, W, BE	Good for Butterflies
<i>Salvia lyrata</i>	Lyreleaf Sage	1'-2'	Part Shade	Moderate	DF, WF, W	Good Evergreen Gorundcover
<i>Sesuvium portulacastrum</i>	Shoreline Seapurslane	6"	Paret Shade	Moderate	DF, WF, W, BE	Turf Substitute in Low Traffic Areas

SUB SHRUBS

<i>Bigelowia nudata</i>	Pineland Rayless Goldenrod	1'-2'	Part Shade	Wet	WF, W	Wet Prairies
<i>Borrichia frutescens</i>	Bushy Seaside Oxeye	2'-3'	Full Sun	Wet	C, WF, W	Marshes, Tidal Flats, Lagoons
<i>Cakile lanceolata</i>	Coastal Searocket	1'-2'	Part Shade	Dry	C	Beach Dunes
<i>Chrysoma pauciflosculosa</i>	Bush Goldenrod; Woody Goldenrod	2'-3'	Full Sun	Dry	C	Beach Dunes and upland forests
<i>Kosteletzkya pentacarpos</i>	Virginia Saltmarsh Mallow	4'-5'	Full Sun	Wet	WF, W	Brackish Marshes, Coastal Plains
<i>Licania michauxii</i>	Gopher Apple	1'	Full Sun	Dry	DF	Groundcover in Dry, Sunny Settings
<i>Lupinus villosus</i>	Lady Lupine	1'-2'	Full Sun	Dry	DF, BE	Special Value to Native Bees
<i>Oenothera humifusa</i>	Seabeach Eveningprimrose	1'	Full Sun	Dry	C	Beach Dunes
<i>Physalis angustifolia</i>	Coastal Groundcherry	1'-2'	Full Sun	Dry	C	Beach Dunes
<i>Polygonella polygama</i>	October Flower	2'-3'	Full Sun	Dry	C, DF	Dry Prairie
<i>Polygonella robusta</i>	Largeflower Jointweed; Sandhill Wireweed	2'-3'	Full Sun	Dry	C	Beach Dunes

HERBACEOUS PERENNIAL MISC. Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
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CACTI, SUCCULENTS, AND CARNIVOROUS

<i>Opuntia humifusa</i>	Pricklypear	2'-6'	Full Sun	Dry	C, DF	Dune Plantings and upland forests
<i>Opuntia pusilla</i>	Cockspur Pricklypear	6"	Full Sun	Dry	C	Dune Plantings
<i>Pinguicula pumila</i>	Small Butterwort	6"	Full Sun	Wet	WF, W	Wet Prairie, Savanna
<i>Sarracenia flava</i>	Yellow Pitcherplant	1'-3'	Part Shade	Wet	WF, W	Bogs, Low-Lying Pine Forests
<i>Utricularia gibba</i>	Humped Bladderwort	6"	Full Sun	Wet	WF, W	Carnivorous
<i>Utricularia juncea</i>	Southern Bladderwort	12"	Full Sun	Wet	WF, W	Carnivorous
<i>Drosera brevifolia</i>	Dwarf Sundew	0'-1'	Part Shade	Wet	WF, W	Carnivorous, wetland
<i>Drosera capillaris</i>	Pink Sundew	0'-1'	Full Sun	Wet	WF, W	Carnivorous, wetland
<i>Drosera tracyi</i>	Tracy'S Sundew	0'-1'	Full Sun	Wet	WF, W	Carnivorous, wetland

VINES

<i>Aristolochia serpentaria</i>	Virginia Snakeroot	1'-3'	Shade	Dry	C, DF	Stream banks, Flood plains, bottomland
<i>Bignonia capreolata</i>	Crossvine	30'-50'	Full Sun	Moderate	DF, WF	Forested Floodplains
<i>Centrosema virginianum</i>	Spurred Butterfly Pea	6'-12'	Part Shade	Low	DF	Good for Pinewood
<i>Clematis reticulata</i>	Netleaf Leather-Flower	10'	Full Sun	Dry	DF, BE	Dry Mesic Upland Mixed Forest
<i>Citoria mariana</i>	Atlantic Pigeonwings	3'-4'	Part Shade	Dry	DF	Dry Soil, Open Woods
<i>Galactia regularis</i>	Eastern Milkpea	10'	Part Shade	Dry	DF	Longleaf Pine Understory
<i>Galactia volubilis</i>	Downy Milkpea	10'	Part Shade	Dry	DF	Longleaf Pine Understory
<i>Gelsemium rankinii</i>	Rankin'S Jessamine; Swamp Jessamine	12'-20'	Part Shade	Wet	WF, W	Ornamental Vine for Wet Areas
<i>Ipomoea pandurata</i>	Man-Of-The-Earth	20'-30'	Full Sun	Dry	DF	Upland woodlands, prairie edges, disturbed
<i>Ipomoea sagittata</i>	Saltmarsh Morning-Glory	3'-4'	Full Sun	Wet	C, DF, WF, W	Coastal areas, salt marshes, thickets
<i>Lonicera sempervirens</i>	Coral Honeysuckle	10'-15'	Full Sun	Moderate	WF, W, BE	Great for Arbors
<i>Mimosa quadrivalvis</i>	Sensitive Brier	3'-4'	Part Shade	Dry	DF	Longleaf Pine Understory
<i>Parthenocissus quinquefolia</i>	Virginia Creeper	10'-40'	Part Shade	Moderate	DF, WF, W, BE	Climbing Vine or Groundcover
<i>Strophostyles umbellata</i>	Pink Fuzzybean	12'-15'	Part Shade	Dry	DF	Longleaf Pine Understory
<i>Stylisma patens</i>	Coastalplain Dawnflower	3'	Part Shade	Dry	C, DF	Sand Ridges

HERBACEOUS PERENNIAL MISC. Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
<i>Stylisma villosa</i>	Hairy Dawnflower	3'	Part Shade	Dry	C, DF	Sand Ridges
<i>Vitis aestivalis</i>	Summer Grape	25-30'	Part Shade	Moderate	DF	Upland woodlands, savannas, thickets
<i>Vitis rotundifolia</i>	Muscadine	70'-100'	Part Shade	Moderate	DF	Open woods

LEGUMES

<i>Crotalaria pallida</i> var. <i>obovata</i>	Smooth Rattlebox	1'-3'	Full Sun	Wet	W,WF	Swamps and deciduous bush land
<i>Crotalaria purshii</i>	Pursh'S Rattlebox	1'-3'	Full Sun	Wet	W,WF	Swamps and deciduous bush land
<i>Crotalaria rotundifolia</i>	Rabbitbells	1'-3'	Full Sun	Low	C, W, WF, DF	Longleaf pine savannas, sandhills, scrub

HERBACEOUS PERENNIALS MISC. MASTER PLANT PALETTE NOTES:

- * HERBACEOUS PERENNIALS MISC. NOT FOUND ON USFWS PLANT INVENTORY

PROPOSED ECOSYSTEM CATEGORIES:

C - COASTAL

DF - DRY FOREST

WF - WET FOREST

W - WETLAND

BE - BUILT ENVIRONMENT

HERBACEOUS ANNUAL Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
ANNUALS						
<i>Acalypha gracilens</i>	Slender ThreeSeed Mercury	1'-3'	Part Shade	Moderate	DF, WF	Sandhills, pine flatwoods, floodplain forest
<i>Agalinis aphylla</i>	Scaleleaf False Foxglove	1'-3'				
<i>Agalinis divaricata</i>	Pineland False Foxglove	1'-1.5'	Part Shade	Moderate	C, DF, WF	Sandhills, pine flatwoods, floodplain forest
<i>Agalinis fasciculata</i>	Beach False Foxglove	1'-3'	Part Shade	Moderate		ry to mesic prairies and woodland edges.
<i>Agalinis filicaulis</i>	Jackson False Foxglove	2'				
<i>Agalinis harperi</i>	Harper's False Foxglove	1'-3'	Part Shade	Moderate	C, DF, WF	flat pine woods on the coastal plain
<i>Agalinis linifolia</i>	Flaxleaf False Foxglove	3'-6'	Part Shade	Moderate	DF, WF	moist to wet prairies, savannas, wet pinelands, marshes
<i>Agalinis maritima</i> var. <i>grandiflora</i>	Saltmarsh False Foxglove	1'	Part Shade	Wet	C, WF, W	Salt Marshes
<i>Agalinis purpurea</i>	Purple False Foxglove	3'-6'	Part Shade	Moderate	WF, W	Salt Marshes, Wet Sandy Fields
<i>Bartonia paniculata</i>	Twining Screwstem	1'	Part Shade	Moderate	WF, W	Vine, Wet Peat and Sand
<i>Bartonia verna</i>	White Screwstem	1'	Part Shade	Moderate	C, WF, W	Wet Pine Savannahs, Ponds
<i>Bidens alba</i>	Beggarticks; Romerillo	1'-3'	Part Shade	Moderate	DF, WF, W	Road Sides and Disturbed Sites
<i>Bidens mitis</i>	Smallfruit Beggarticks	1'-3'	Part Shade	Moderate	WF, W	Edge of Swamps and Marshes
<i>Buchnera americana</i>	American Bluehearts	1'-2'	Full Sun	Wet	WF, W	Pinelands, Wet Prairies, and Marshes
<i>Burmannia biflora</i>	Bluethread	1'	Part Shade	Wet	WF, W	Bogs, Swamps, Ditches
<i>Burmannia capitata</i>	Southern Bluethread	1'	Part Shade	Wet	WF, W	Bogs, Swamps, Ditches
<i>Chamaecrista nictitans</i>	Sensitive Pea	1'	Full Sun	Moderate	DF, WF, W	Open Woods, Prairies, Wet or Dry Shores
<i>Chamaesyce bombensis</i>	Dixie Sandmat	1'	Full Sun	Dry	C	Sand Dunes
<i>Chamaesyce hirta</i>	Pillpod Sandmat	1'-2'	Part Shade	Moderate	DF, WF, W	Open Grasslands and Roadsides
<i>Chamaesyce hyssopifolia</i>	Hyssopleaf Sandmat	1'-4'	Part Shade	Dry	DF	Roadsides
<i>Chamaesyce maculata</i>	Milk Purslane	1'	Full Sun	Dry	DF	Dry Prairies and Roadsides
<i>Croptilon divaricatum</i>	Slender Scratchdaisy	1'	Part Shade	Moderate	DF, WF, W	Pinewood Forests and Wetlands

HERBACEOUS ANNUAL Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
<i>Croton argyranthemus</i>	Silver Croton; Healing Croton	1'-2'	Part Shade	Dry	DF	Longleaf Pine Forests and Sandhills
<i>Croton capitatus</i>	Woolly Croton; Hogwort	1'	Part Shade	Dry	DF	Dry, Open Areas
<i>Croton glandulosus</i> <i>var. septentrionalis</i>	Vente Conmigo	1'-4'	Part Shade	Dry	DF	Fields, Pastures, Roadsides
<i>Croton michauxii</i>	Rushfoil; Michaux's Croton	1'-2'	Part Shade	Moderate	DF, WF, W	Pine Flatwoods, Roadsides
<i>Croton punctatus</i>	Gulf Croton; Beach Tea	1'-3'	Part Shade	Dry	C, DF	Small, Dense, Shrubby
<i>Croton willdenowii</i>	Willdenow's Croton	1'	Part Shade	Dry	DF	Fields, Pastures, Roadsides
<i>Froelichia floridana</i>	Cottonweed; Plains Snakecotton	2'-3'	Full Sun	Dry	DF	Open Prairies, Roadsides
<i>Gamochaeta falcata</i>	Narrowleaf Purple Everlasting	1'-3'	Part Shade	Moderate	DF, WF, W	Open Fields, Roadsides
<i>Gamochaeta pennsylvanica</i>	Pennsylvania Cudweed	1'	Part Shade	Moderate	DF, WF, W	Open Fields, Roadsides
<i>Gaura angustifolia</i>	Southern Beeblossom	3'-6'	Full Sun	Dry	DF	Open Fields, Roadsides, Dunes
<i>Geranium carolinianum</i>	Carolina Cranesbill	1'-3'	Part Shade	Dry	DF	Dry, Hard Fields, Rocky Woods
<i>Gratiola floridana</i>	Florida Hedgehyssop	1'	Part Shade	Wet	WF, W	Swamps and Stream Banks
<i>Helenium amarum</i>	Bitter Sneezeweed	1'-3'	Part Shade	Dry	DF	Meadows and Prairies
<i>Helianthus debilis</i> <i>subsp. cucumerifolius</i>	Cucumberleaf Dune Sunflower	3'-6'	Full Sun	Dry	C	Dunes
<i>Heterotheca subaxillaris</i>	Camphorweed	3'-6'	Full Sun	Dry	DF	Prairies, Roadsides
<i>Hypericum gentianoides</i>	Pineweeds; Orangegrass	1'-3'	Part Shade	Dry	DF	Open Areas, Rocky Areas
<i>Jacquemontia tamnifolia</i>	Hairy Clustervine	1'	Part Shade	Dry	C, DF	Climbing Vine 6'-12'
<i>Mitreola petiolata</i>	Lax Hornpod	1'	Part Shade	Wet	WF, W	Swamps and Wetlands
<i>Mitreola sessilifolia</i>	Swamp Hornpod	1'-2'	Part Shade	Wet	WF, W	Swamps and Wetlands
<i>Oenothera laciniata</i>	Cutleaf Eveningprimrose	1'	Part Shade	Dry	DF	Open Fields, Roadsides
<i>Oldenlandia uniflora</i>	Clustered Mille Graines	1'	Part Shade	Moderate	DF, WF, W	Open Fields, Roadsides
<i>Parietaria floridana</i>	Florida Pellitory	0-1'	Part Shade	Moderate	DF, WF	Dry forest, moist forest
<i>Physalis angulata</i>	Cutleaf Groundcherry	1-3'	Full Sun	Dry	DF, C	Woodlands, thickets, coastal sands

HERBACEOUS ANNUAL Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
<i>Plantago virginica</i>	Virginia Plantain	0-1'	Full Sun	Dry	C, BE	Disturbed areas, dry sand prairies, barren slopes
<i>Plantago wrightiana</i>	Wright's Plantain	0-1'	Full Sun	Dry	BE	Disturbed areas
<i>Polygala baldunii</i>	Baldwin's Milkwort	1-3'	Full Sun	Wet	W, WF, C	Wet pine flatwoods, marshes, coastal swales
<i>Polygala brevifolia</i>	Littleleaf Milkwort	0-1'	Part Shade	Wet	W, WF	Wetland, sandy areas, barrens
<i>Polygala cruciata</i>	Drumheads	0-1'	Part Shade	Wet	W, WF, C	Sandy swamps and shores
<i>Polygala curtissii</i>	Appalachain Milkwort	0-1'	Part Shade	Moderate	DF, C	Open , sandy meadows and woodlands
<i>Polygala cymosa</i>	Tall Pinebarren Milkwort	3-4'	Full Sun	Wet	W, WF	Wet prairies, marshes, wetlands
<i>Polygala hookeri</i>	Hooker's Milkwort	0-1'	Part Shade	Moderate	DF	Pine savannas
<i>Polygala incarnata</i>	Procession Flower	1-3'	Full Sun	Dry	DF	Pine flatwoods, fields
<i>Polygala lutea</i>	Orange Milkwort	0-1'	Full Sun	Wet	W, WF, C	Damp sandy or peaty soil
<i>Polygala mariana</i>	Maryland Milkwort	0-1'	Full Sun	Wet	W, WF	Open wet areas, pine savannas, ditches
<i>Polygala nana</i>	Candyroot	0-1'	Full Sun	Wet	W, WF, C	Wet/Moist pine flatwoods, wet prairies, coastal swales
<i>Polygala ramosa</i>	Low Pinebarren Milkwort	1-3'	Part Shade	Wet	W, WF	Marshes, pine-barren swamps, low ground
<i>Polygala setacea</i>	Coastalplain Milkwort	0-1'	Full Sun	Moderate	DF	Moist pine flatwoods, prairies
<i>Polygonella gracilis</i>	Tall Jointweed	6'	Full Sun	Moderate	DF, C	Pinelands, sandhills, woods
<i>Portulaca pilosa</i>	Pink Purslane	0-1'	Part Shade	Moderate	DF, C, BE	Dry/Sandy areas, disturbed
<i>Pseudognaphalium obtusifolium</i>	Sweet Everlasting; Rabbit Tobacco	1-2.5'	Full Sun	Dry	DF, C, BE	Upland prairies, sand prairies, savannas, disturbed
<i>Pyrrhopappus carolinianus</i>	Carolina Desertchicory	1.5-2'	Full Sun	Wet	WF, W, BE	Prairies, glades, swamps, streambanks, open disturbed
<i>Sabatia bartramii</i>	Bartram's Rosegentian	1'-3'	Part Shade	Wet	WF, W	Wet Marshes and Wet Prairies
<i>Sabatia brevifolia</i>	SHORTLEAF ROSEGENTIAN	1.5-3'	Full Sun	Moderate	W, WF	Moist flatwoods, savannas
<i>Sabatia decandra</i>	BARTRAM'S ROSEGENTIAN	2-2.5'	Full Sun	Moderate	W, WF	Wet flatwoods, bogs, swamps, wet prairie

HERBACEOUS ANNUAL Master Plant Palette

Tyndall Air Force Base

Botanical Name	Common Name	Mature Height	Exposure	Moisture	Proposed Ecosystem Category	Notes
<i>Sabatia difformis</i>	LANCELEAF ROSEGENTIAN	1-3'	Full Sun	Wet	W, WF	Swamps and bogs
<i>Sabatia macrophylla</i>	LARGELEAF ROSEGENTIAN	1-4'	Full Sun	Moderate	W, WF, BE	Wetland, grassland, forest, disturbed areas
<i>Sabatia stellaris</i>	ROSE-OF-PLYMOUTH	.5-2'	Full Sun	Wet	W, WF, C	Saline/brackish marshes
<i>Seymeria cassioides</i>	YAUPON BLACKSENNA	3-6'			DF, C, BE	Sandhills, pinelands, roads
<i>Seymeria pectinata</i>	PIEDMONT BLACKSENNA	1-3'	Part Shade	Moderate	DF, C	Well-drained uplands, pinelands and open woods
<i>Sida rhombifolia</i>	CUBAN JUTE; INDIAN HEMP	3'	Part Shade	Moderate	DF, BE	Roadsides, rocky areas, warrens
<i>Silene antirrhina</i>	SLEEPY CATCHFLY	.5-1.5'	Full Sun	Dry	DF, C, BE	Prairies, fields, roadsides
<i>Spermolepis divaricata</i>	SOUTHERN SPERMOLEPSIS	1'-3'	Full Sun	Dry	DF, C, BE	Good for disturbed areas
<i>Spermolepis echinata</i>	BRISTLY SCALESEED	0-1'	Full Sun	Dry	C	Found in rocky slopes/sand
<i>Strophostyles helvola</i>	TRAILING FUZZYBEAN	3'-9'	Full Sun	Dry	DF, C	VINE
<i>Trichostema dichotomum</i>	FORKED BLUECURLS	1'-3'	Part Shade	Dry	DF, C	Good for dry, open, sandy or sterile sites
<i>Utricularia cornuta</i>	HORNED BLADDERWORT	0-1'	Part Shade	Wet	W, WF, C	Wet, sandy, peaty shores or bogs
<i>Utricularia purpurea</i>	EASTERN PURPLE BLADDERWORT	0-1'	Full Sun	Wet	W, WF	Shallow water near a boggy shoreline
<i>Utricularia subulata</i>	ZIGZAG BLADDERWORT	0-1'	Full Sun	Wet	W, WF	Wetland, carnivorous plant

PROPOSED ECOSYSTEM CATEGORIES:

C - COASTAL

DF - DRY FOREST

WF - WET FOREST

W - WETLAND

BE - BUILT ENVIRONMENT

Seed Mixes Master Plant Palette

Tyndall Air Force Base

Botanical Name	Exposure	Moisture	Notes
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Seed Mixes

Mix 125 - Longleaf Pine Understory Mix - Wet Site	Part Shade	Wet	Roundstone Native Seed, LLC
Mix 126 - Longleaf Pine Understory Mix - Dry Site	Part Shade	Dry	Roundstone Native Seed, LLC
Mix 127 - Longleaf Pine Understory Mix - Dry & Wet Site	Part Shade	Moderate	Roundstone Native Seed, LLC

PROPOSED ECOSYSTEMS:

C - COASTAL

DF - DRY FOREST

WF - WET FOREST

W - WETLAND

BE - BUILT ENVIRONMENT

SEED MIX 125 - LONG LEAF PINE UNDERSTORY

Tyndall Air Force Base

RECOMMENDED APPLICATION RATE: 7.25-10.5 PLS LBS/ACRE

Botanical Name	Common Name	Oz
NATIVE GRASSES		
<i>Andropogon gerardii</i>	Big Bluestem	2.5
<i>Andropogon virginicus</i>	Broomsedge	0.938
<i>Aristida stricta</i>	Wiregrass	0.063
<i>Elymus virginicus</i>	Virginia Wild Rye	3.75
<i>Muhlenbergia capillaris</i>	Muhly Grass	0.313
<i>Panicum anceps</i>	Fall Panicum	0.938
<i>Panicum vrigatum</i>	Switch Grass	1.5
NATIVE WILDFLOWERS		
<i>Asclepias incarnata</i>	Swamp Milkweed	0.211
<i>Bidens aristosa</i>	Showy Tickseed	0.644
<i>Cassia marilandica</i>	Wild Senna	0.945
<i>Coreopsis tinctoria</i>	Plains Coreopsis	0.092
<i>Echinachea purpurea</i>	Purple Coneflower	0.896
<i>Eupatorium fistulosum</i>	Joe-Pye Weed	0.098
<i>Euthamia graminifolia</i>	Lance-Leaved Goldenrod	0.075
<i>Helenium autumnale</i>	Sneezeweed	0.098
<i>Helianthus angustifolius</i>	Narrow-Leaved Sunflower	0.225
<i>Heliopsis helianthoides</i>	False Sunflower	0.797
<i>Liatris gracilis</i>	Slender Blazing Star	0.101
<i>Liatris spicata</i>	Spiked Blazing Star	0.518
<i>Monarda fistulosa</i>	Bergamot	0.083
<i>Penstemon digitalis</i>	Smooth Beardtongue	0.11
<i>Rudbeckia hirta</i>	Black-Eyed Susan	0.335
<i>Rudbeckia laciniata</i>	Cutleaf Coneflower	0.075
<i>Solidago juncea</i>	Early Goldenrod	0.045
<i>Tradescantia ohiensis</i>	Ohio Spiderwort	0.224
<i>Verbena hastata</i>	Blue Vervain	0.123
<i>Vernonia altissima</i>	Iron Weed	0.308

SEED MIX SHALL INCLUDE >90% PURE LIVE SEED (PLS).

SEED MIX 126 - LONG LEAF PINE UNDERSTORY - DRY SITE

Tyndall Air Force Base

RECOMMENDED APPLICATION RATE: 6.75-9.75 PLS LBS/ACRE

Botanical Name	Common Name	Oz
<i>NATIVE GRASSES</i>		
<i>Andropogon ternarius</i>	Splitbeard Bluestem	1.25
<i>Aristida stricta</i>	Wiregrass	0.063
<i>Muhlenbergia capillaris</i>	Muhly Grass	0.313
<i>Panicum vrigatum</i>	Switch Grass	1.5
<i>Schizachyrium scoparium</i>	Little Bluestem	3.75
<i>Sorghastrum elliotii</i>	Slender Indian Grass	0.625
<i>Sorghastrum nutans</i>	Indian Grass	1.25
<i>Sorghastrum secundum</i>	Lopsided Indian Grass	0.625
<i>Sporobolus junceus</i>	Pineywoods Dropseed	0.625
<i>NATIVE WILDFLOWERS</i>		
<i>Carphephorus corymbosis</i>	Florida Paintbrush	0.075
<i>Cassia fasciculata</i>	Partridge Pea	0.896
<i>Centrosema virginanum</i>	Spurred Butterfly Pea	0.215
<i>Coreopsis lanceolata</i>	Lance Leaved Coreopsis	0.482
<i>Coreopsis major</i>	Large Coreopsis	0.113
<i>Desmodium floridanum</i>	Florida Tick Trefoil	0.215
<i>Echinacea purpurea</i>	Purple Coneflower	0.689
<i>Eryngium yuccifolium</i>	Rattlesnake Master	0.485
<i>Helianthus maximiliani</i>	Maximilian Sunflower	0.347
<i>Heliopsis helianthoides</i>	False Sunflower	0.59
<i>Liatris tenuifolia</i>	Short Leaf Blazing Star	0.075
<i>Mimosa quadrivalvis</i>	Sensitive Briar	0.215
<i>Monarda fistulosa</i>	Bergamot	0.08
<i>Parthenium integrifolium</i>	Wild Quinine	0.332
<i>Penstemon digitalis</i>	Smooth Beardtongue	0.081
<i>Pityopsis grminifolia</i>	Narrowleaf Silk Grass	0.075
<i>Ratibida pinnata</i>	Greyheaded Coneflower	0.162
<i>Rudbeckia hirta</i>		0.362
<i>Silphium asteriscus</i>	Starry Silphium	0.203
<i>Solidago rigida</i>	Rigid Goldenrod	0.146
<i>Tradescantia ohiensis</i>	Ohio Spiderwort	0.166

SEED MIX SHALL INCLUDE >90% PURE LIVE SEED (PLS).

SEED MIX 127 - LONG LEAF PINE UNDERSTORY -

DRY TO WET SITE

Tyndall Air Force Base

RECOMMENDED APPLICATION RATE: 6.9-10.0 PLS LBS/ACRE

Botanical Name	Common Name	Oz
NATIVE GRASSES		
<i>Andropogon gerardii</i>	Big Bluestem	1.25
<i>Andropogon ternarius</i>	Splitbeard Bluestem	0.625
<i>Andropogon virginicus</i>	Broomsedge	0.625
<i>Aristida stricta</i>	Wiregrass	0.063
<i>Elymus virginicus</i>	Virginia Wild Rye	1.875
<i>Muhlenbergia capillaris</i>	Muhly Grass	0.313
<i>Panicum anceps</i>	Fall Panicum	0.875
Panicum vrigatum	Switch Grass	0.938
<i>Schizachyrium scoparium</i>	Little Bluestem	1.563
<i>Sorghastrum elliotii</i>	Slender Indian Grass	0.625
<i>Sorghastrum secundum</i>	Lopsided Indian Grass	0.625
<i>Sporobolus junceus</i>	Pineywoods Dropseed	0.625

NATIVE WILDFLOWERS

<i>Aster novae-angliae</i>	New England Aster	0.104
<i>Cassia fasciculata</i>	Partridge Pea	0.687
<i>Cassia marilandica</i>	Wild Senna	0.746
<i>Centrosema virginianum</i>	Spurred Butterfly Pea	0.16
<i>Coreopsis lanceolata</i>	Lance Leaved Coreopsis	0.282
<i>Coreopsis major</i>	Large Coreopsis	0.075
<i>Desmodium floridanum</i>	Florida Tick Trefoil	0.16
<i>Echinacea purpurea</i>	Purple Coneflower	0.833
<i>Eryngium yuccifolium</i>	Rattlesnake Master	0.412
<i>Eupatorium fistulosum</i>	Joe-Pye Weed	0.062
<i>Helianthus angustifolius</i>	Narrow Leaved Sunflower	0.225
<i>Heliopsis helianthoides</i>	False Sunflower	0.502
<i>Liatris gracilis</i>	Slender Blazing Star	0.075
<i>Liatris tenuifolia</i>	Short Leaf Blazing Star	0.075
<i>Mimosa quadrivalvis</i>		0.16
<i>Penstemon digitalis</i>	Smooth Beardtongue	0.069
<i>Pityopsis graminifolia</i>	Narrowleaf Silk Grass	0.075
<i>Ratibida pinnata</i>	Greyheaded Coneflower	0.138
<i>Rudbeckia hirta</i>	Blackeyed Susan	0.341
<i>Silphium asteriscus</i>	Starry Silphium	0.15
<i>Solidago juncea</i>	Early Goldenrod	0.06
<i>Solidago rigida</i>	Rigid Goldenrod	0.124
<i>Tradescantia ohioensis</i>	Ohio Spiderwort	0.141
<i>Verbena hastata</i>	Blue Vervain	0.077
<i>Vernonia altissima</i>	Iron Weed	0.194

SEED MIX SHALL INCLUDE >90% PURE LIVE SEED (PLS).

INVASIVE, NOXIOUS WEED, NON-NATIVES, AND UNDESIRABLE PLANT SPECIES

Tyndall Air Force Base

Botanical Name	Common Name	Notes
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TREES

<i>Albizia julibrissin</i>	Silktree; Mimosa	Invasive Exotic Cat I
<i>Aralia spinosa</i>	Devil's Walkingstick	
<i>Cinnamomum camphora</i>	Camphortree	Invasive Exotic Cat I
<i>Melia azedarach</i>	Chinaberrytree	Invasive Exotic Cat II
<i>Parkinsonia aculeata</i>	Jerusalem Thorn; Mexican Palo Verde	Non-Native
<i>Triadica sebifera</i>	Popcorn tree; Chinese Tallowtree	Invasive Exotic Cat I - Noxious Weed
<i>Washingtonia robusta</i>	Mexican Fan Palm	Invasive Exotic Cat II
<i>Zanthoxylum clava-herculis</i>	Hercules Club	

SHRUBS

<i>Baccharis halimifolia</i>	Groundsel Tree; Sea Myrtle	
<i>Broussonetia papyrifera</i>	Paper Mulberry	Invasive Exotic Cat II
<i>Cliftonia monophylla</i>	Black Titi; Buckwheat Tree	
<i>Cyrilla racemiflora</i>	Titi; Leatherwood; Swamp Cyrilla	
<i>Elaeagnus pungens</i>	Silverthorn, Thorny Olive	Invasive Exotic Cat II
<i>Elaeagnus unbellata</i>	Autumn Olive, Silverberry	Invasive Exotic Cat II
<i>Lantana strigocamara</i>	Lantana; Shrubverbena	Invasive Exotic Cat I
<i>Nandina domestica</i>	Heavenly Bamboo, Nandina	Invasive Exotic Cat I
<i>Phyllostachys aurea</i>	Golden Bamboo	Invasive Exotic Cat II
<i>Phytolacca americana</i>	American Pokeweed	
<i>Rosa bracteata</i>	Macartney Rose	Non-Native
<i>Rosa laevigata</i>	Cherokee Rose	Non-Native

GRASSES

<i>Arundo donax</i>	Giant Reed	Non-Native
<i>Axonopus fissifolius</i>	Common Carpetgrass	Non-Native
<i>Bothriochloa ischaemum</i>	Yellow Bluestem	Non-Native
<i>Briza minor</i>	Little Quakinggrass	Non-Native
<i>Cynodon dactylon</i>	Bermudagrass	Non-Native
<i>Dactyloctenium aegyptium</i>	Durban Crowfootgrass	Invasive Exotic Cat II
<i>Digitaria ciliaris</i>	Southern Crabgrass	
<i>Eremochloa ophiuroides</i>	Centipede grass	Non-Native
<i>Imperata cylindrica</i>	Cogongrass	Invasive Exotic Cat I - Noxious Weed
<i>Melinis repens</i>	Rose Natalgrass	Invasive Exotic Cat I
<i>Oplismenus hirtellus</i>	Woodsgoatgrass; Basketgrass	
<i>Panicum repens</i>	Torpedo Grass	Invasive Exotic Cat I
<i>Paspalum urvillei</i>	Vasey Grass	Non-Native
<i>Setaria pumila</i>	Yellow Bristlegrass; Yellow Foxtail	Non-Native
<i>Setaria viridis</i>	Green Bristlegrass	Non-Native
<i>Sporobolus indicus</i>	Smutgrass	Non-Native
<i>Urochloa texana</i>	Texas Millet, Texas Signalgrass	Non-Native

SEDGES / RUSHES

<i>Cyperus rotundus</i>	Nutgrass	
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INVASIVE, NOXIOUS WEED, NON-NATIVES, AND UNDESIRABLE PLANT SPECIES

Tyndall Air Force Base

Botanical Name	Common Name	Notes
HERBACEOUS PERENNIALS and ANNUALS		
<i>Acanthospermum australe</i>	Paraguay Starburr	Non-Native
<i>Alternanthera philoxeroides</i>	Alligatorweed	Invasive Exotic Cat II
<i>Ambrosia artemisiifolia</i>	Common Ragweed	
<i>Aphanostephus skirrhobasis</i> var. <i>thalassius</i>	Lazy Daisy; Arkansas Dozedaisy	Non-Native
<i>Brasenia schreberi</i>	Watershield	
<i>Calystegia sepium</i> subsp. <i>limnophila</i>	Hedge False Bindweed	
<i>Campsis radicans</i>	Trumpet Creeper	
<i>Chenopodium album</i>	Lamb's-Quarters	Non-Native
<i>Cirsium horridulum</i>	Purple Thistle	
<i>Cirsium lecontei</i>	Leconte's Thistle	
<i>Cnidoscolus stimulosus</i>	Tread-Softly; Finger-Rot	
<i>Conyza canadensis</i>	Canadian Horseweed	
<i>Cuphea carthagenensis</i>	Colombian Waxweed	Non-Native
<i>Cuscuta campestris</i>	Field Dodder	Noxious Weed
<i>Cuscuta compacta</i>	Compact Dodder	Parasitic Weed
<i>Cuscuta indecora</i>	Bigseed Alfalfa Dodder	Parasitic Weed
<i>Cuscuta pentagona</i>	Fiveangled Dodder	Parasitic Weed
<i>Desmodium tortuosum</i>	Dixie Ticktrefoil	Non-Native
<i>Dichondra carolinensis</i>	Carolina Ponysfoot	
<i>Diodia teres</i>	Poor Joe; Rough Buttonweed	
<i>Diodia virginiana</i>	Virginia Buttonweed	
<i>Dioscorea alata</i>	White Yam; Winged Yam	Invasive Exotic Cat I - Noxious Weed
<i>Dioscorea bulbifera</i>	Air-Potato	Invasive Exotic Cat I - Noxious Weed
<i>Drosera intermedia</i>	Water Sundew; Spoonleaf Sundew	FL-T - Florida Threatened
<i>Dysphania ambrosioides</i>	Mexican-Tea, Epazote	Non-Native
<i>Elyonurus tripsacoides</i>	Pan-American Balsamscale	Non-Native
<i>Erechtites hieraciifolius</i>	American Burnweed; Fireweed	
<i>Gladiolus dalenii</i>	Gladiolus	Non-Native
<i>Gomphrena serrata</i>	Prostrate Globe Amaranth; Arrasa Con Todo	Non-Native
<i>Hydrocotyle bonariensis</i>	Largeleaf Marshpennywort	
<i>Ipomoea cordatotriloba</i>	Tievine	
<i>Krigia cespitosa</i>	Weedy Dwarf dandelion	
<i>Kummerowia striata</i>	Japanese Clover	
<i>Landoltia punctata</i>	Dotted Duckweed	Invasive Exotic Cat II
<i>Lemna minor</i>	Common Duckweed	
<i>Lonicera japonica</i>	Japanese Honeysuckle	Invasive Exotic Cat I
<i>Ludwigia peruviana</i>	Peruvian Primrosewillow	Invasive Exotic Cat I
<i>Lygodium japonicum</i>	Japanese Climbing Fern	Invasive Exotic Cat I - Noxious Weed
<i>Lysimachia arvensis</i>	Scarlet Pimpernel	Non-Native
<i>Lythrum lineare</i>	Wand Loosestrife	
<i>Macroptilium lathyroides</i>	Wild Bushbean	Invasive Exotic Cat II
<i>Melothria pendula</i>	Creeping Cucumber	
<i>Merremia dissecta</i>	Noyau Vine	

INVASIVE, NOXIOUS WEED, NON-NATIVES, AND UNDESIRABLE PLANT SPECIES

Tyndall Air Force Base

Botanical Name	Common Name	Notes
<i>Mikania scandens</i>	Climbing Hempvine	
<i>Oxalis corniculata</i>	Creeping Woodsorrel	
<i>Pleopeltis polypodioides</i> var. <i>michauxiana</i>	Resurrection Fern	Epiphytic
<i>Polygonum hydropiperoides</i>	Mild Waterpepper; Swamp Smartweed	
<i>Rhexia cubensis</i>	West Indian Meadowbeauty	
<i>Richardia brasiliensis</i>	Tropical Mexican Clover	Non-Native
<i>Ricinus communis</i>	Castor Bean	Invasive Exotic Cat II
<i>Scoparia dulcis</i>	Sweetbroom; Licoriceweed	
<i>Scoparia montevidensis</i>	Broomwort	Non-Native
<i>Scutellaria ramosa</i>	South American Skullcap	Non-Native
<i>Senna obtusifolia</i>	Coffeeweed; Sicklepod	Non-Native
<i>Sesbania herbacea</i>	Danglepod	
<i>Sesbania punicea</i>	Rattlebox	Invasive Exotic Cat II
<i>Sesbania vesicaria</i>	Bladderpod; Bagpod	
<i>Solanum sisymbriifolium</i>	Sticky Nightshade	Non-Native
<i>Toxicodendron radicans</i>	Eastern Poison Ivy	
<i>Typha latifolia</i>	Broadleaf Cattail	
<i>Verbesina chapmanii</i>	Chapman's Crownbeard	Non-Native
<i>Wahlenbergia marginata</i>	Southern Rockbell	Non-Native
<i>Wolffiella gladiata</i>	Florida Mudmidget	
<i>Xyris jupicai</i>	Richard's Yelloweyed Grass	Non-Native

Plant Material Not Found on USFWS Plant Inventory

Tyndall Air Force Base

Botanical Name

Common Name

TREES

<i>Acer barbatum</i>	Florida Maple
<i>Halesia diptera</i>	Two-Wing Silverbell
<i>Ostrya virginiana</i>	American Hornbeam
<i>Prunus angustifolia</i>	Chickasaw Plum
<i>Ulmus alata</i>	Winged Elm
<i>Ulmus crassifolia</i>	Cedar Elm

SHRUBS

<i>Foresteria segregata</i>	Florida Privet
<i>Illicium floridanum</i>	Florida Anise
<i>Mahonia bealei</i>	Hollygrape
<i>Rhamnus caroliniana</i>	Carolina Buckthorn
<i>Rhododendron austrinum</i>	Florida Flame Azalea
<i>Severinia buxifolia</i>	Boxthorn
<i>Viburnum obovatum</i>	Walter'S Viburnum
<i>Viburnum rufidulum</i>	Rusty Balckhaw

GRASSES

<i>Paspalum vaginatum</i>	Seashore Paspalum
<i>Sisyrinchium angustifolium</i>	Blue-Eyed Grass

HERBACEOUS PERENNIALS

<i>Gillardia pulchella</i>	Blanket Flower
<i>Hydrangea quercifolia</i>	Oakleaf Hydrangea
<i>Philadelphus inodorus</i>	English Dogwood

FERNS

<i>Blechnum serrulatum</i>	Swamp Fern
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GROUNDCOVER

<i>Hydrocotyle bonariensis</i>	Large Leaf Pennywort
<i>Lantana depressa</i>	Pineland Lantana

SUB SHRUBS

<i>Stokesia laevis</i>	Stokes Aster
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VINES

<i>Ipomea pes-caprae</i>	Beach Morning Glory; Railroad Vine
<i>Ipomea stolonifera</i>	Fiddle-Leaf Morning Glory

USFAWL QC

<i>Quercus acutissima</i>	Sawtooth Oak
<i>Quercus austrina</i>	Bluff Oak
<i>Quercus falvata</i>	Spanish Oak
<i>Quercus nuttallii</i>	Nuttal Oak
<i>Quercus shumardii</i>	Shumard Oak