

Exhibit X

Historic Natural Communities Map



Florida Forest Service
Map Date: 9/22/2015
Background: Aerial Imagery
Coordinate System: Universal Transverse Mercator (UTM)
Datum: 12 North
High Precision Geoid Network (HPGN) Datum

Charlotte and Lee Counties BABCOCK RANCH PRESERVE FNAI HISTORIC NATURAL COMMUNITIES

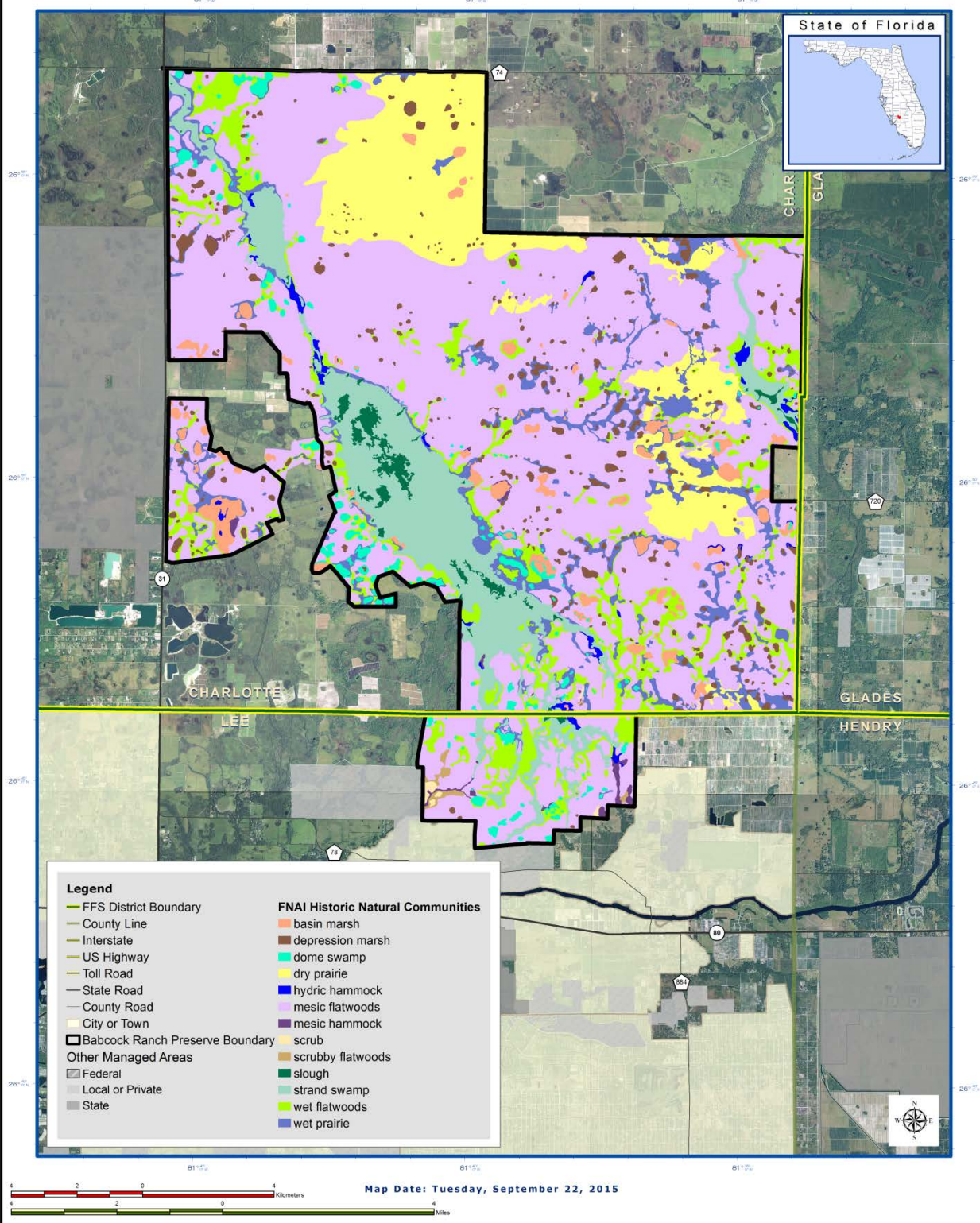
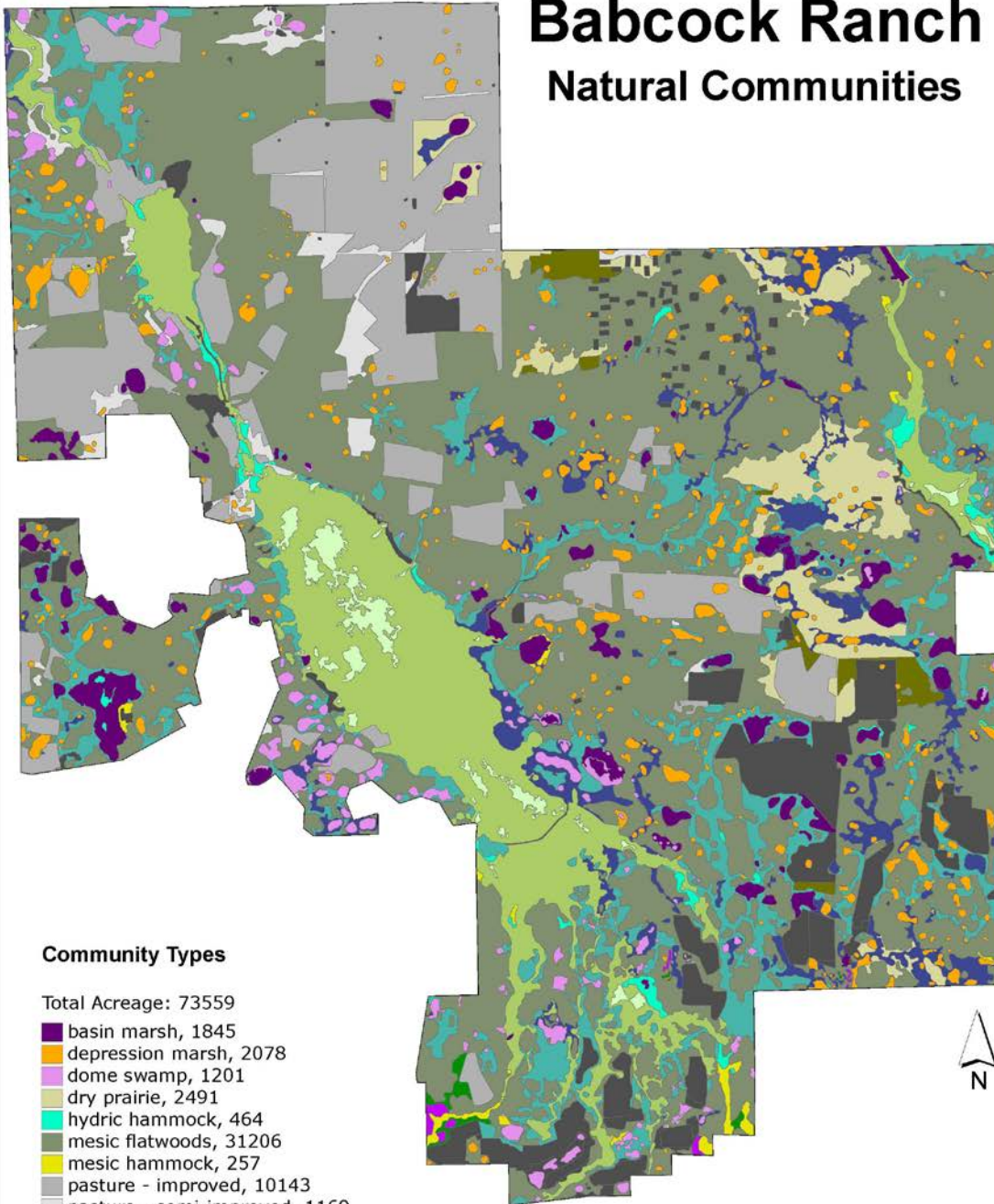


Exhibit Y

Florida Natural Areas Inventory
2008 Current Natural Communities and Cover Type Map

Babcock Ranch

Natural Communities



Community Types

Total Acreage: 73559

- basin marsh, 1845
- depression marsh, 2078
- dome swamp, 1201
- dry prairie, 2491
- hydric hammock, 464
- mesic flatwoods, 31206
- mesic hammock, 257
- pasture - improved, 10143
- pasture - semi-improved, 1169
- pine plantation, 502
- ruderal, 4485
- scrub, 69
- scrubby flatwoods, 113
- slough, 682
- strand swamp, 7566
- wet flatwoods, 6477
- wet prairie, 2810

0 1 2 Miles



Funded by the Florida Fish and Wildlife Conservation Commission

Produced by Kelly Flanagan
July 2008

Exhibit Z

Natural Community Descriptions

Natural Community Descriptions

to accompany a vegetation map of
Babcock Ranch Preserve

Florida Natural Areas Inventory
2008

This document provides a generalized description of the 18 natural communities mapped on the Babcock Ranch Preserve, based on field data collected while ground-truthing the ranch. A list of plants recorded in each community follows each description. A combined list of more than 500 plant species observed on the Babcock Ranch Preserve is provided as Appendix 1. Data and the map are provided as Environmental Systems Research Institute, Inc. (ESRI) shapefiles accompanying this document.

Basin Marsh

Basin marshes are large, irregularly shaped, herb-dominated wetlands, the deepest portions of which may remain saturated year-round. This fire-maintained community usually burns every one to 10 years. Basin marshes are distinguished from depression marshes by their irregular shape, large size, deep peat areas, and longer periods of saturation. The largest basin marshes on Babcock Ranch exceed 50 acres in size. Basin marshes may grade into wet prairies, wet flatwoods, mesic flatwoods, dry prairies, hydric hammocks or strand swamps.

Basin marshes often have concentric zones of vegetation that reflect water depth, hydroperiod, or the amount of peat buildup. The deepest zones typically occur in the center but may also exist in pockets throughout the marsh. Open water is often present in these deep areas. In and around the deepest zones and extending into the deepest sand bottom areas are yellow pondlily (*Nuphar advena*), pickerelweed (*Pontederia cordata*), bulltongue arrowhead (*Sagittaria lancifolia*), alligatorflag (*Thalia geniculata*), and maidencane (*Panicum hemitomon*). The large but shallower central zones of the marshes support Tracy's beaksedge (*Rhynchospora tracyi*), water toothleaf (*Stillingia aquatica*), longleaf threeawn (*Aristida palustris*), bluejoint panicum (*Panicum tenerum*), yellow-eyed grasses (*Xyris* spp.), and peelbark St. John's wort (*Hypericum fasciculatum*). The shallowest zone, occurring near the edges of marshes, supports marshpennywort (*Hydrocotyle* spp.), southern umbrellasedge (*Fuirena scirpoidea*), turkey tangle fogfruit (*Phyla nodiflora*), camphorweeds (*Pluchea* spp.), and sand cordgrass (*Spartina bakeri*). The perimeters of some basin marshes may support trees and shrubs. These woody species include dahoon (*Ilex cassine*), swamp tupelo (*Nyssa sylvatica* var. *biflora*), swamp bay (*Persea palustris*), South Florida slash pine (*Pinus elliottii*), cabbage palm (*Sabal palmetto*), and pond cypress (*Taxodium ascendens*).

Disturbances to basin marshes on Babcock Ranch include invasion by exotic species such as Peruvian primrosewillow (*Ludwigia peruviana*), West Indian marsh grass (*Hymenachne amplexicaulis*), and Brazilian pepper (*Schinus terebinthifolius*), as well as hog digging, livestock grazing, hydrological alteration by ditching or canals, fire exclusion, agricultural and forestry operations, ORV trails, and encroachment by wax myrtle (*Myrica cerifera*) and coastalplain willow (*Salix caroliniana*). Historically, basin marshes on Babcock Ranch had notably fewer

woody plants. Frequent fires from the surrounding uplands would likely have carried into the marshes, particularly during dry periods, slowing woody encroachment. Future management considerations may include prescribed burns to reduce woody plant encroachment while promoting herbaceous species, and eliminating vehicle traffic within and around basin marshes to reduce erosion, vegetation and soil damage, and undesirable plant recruitment.

Plant species observed in basin marshes on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Acer rubrum</i>	red maple	
<i>Agalinis purpurea</i>	purple false foxglove	
<i>Ambrosia artemisiifolia</i>	common ragweed	
<i>Amphicarpum muhlenbergianum</i>	blue maidencane	
<i>Andropogon brachystachyus</i>	shortspike bluestem	
<i>Andropogon glomeratus</i>	bushy bluestem	weedy
<i>Andropogon</i> sp.	bluestem	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Annona glabra</i>	pond apple	
<i>Aristida palustris</i>	longleaf threeawn	
<i>Aristida stricta</i> var. <i>beyrichiana</i>	wiregrass	
<i>Axonopus furcatus</i>	big carpetgrass	
<i>Baccharis glomeruliflora</i>	silverling	
<i>Baccharis halimifolia</i>	groundsel tree	
<i>Bacopa caroliniana</i>	lemon bacopa	
<i>Bacopa monnieri</i>	herb-of-grace	
<i>Blechnum serrulatum</i>	toothed midsorus fern	
<i>Boehmeria cylindrica</i>	false nettle	
<i>Carex</i> sp.	sedge	
<i>Centella asiatica</i>	spadeleaf	
<i>Cephalanthus occidentalis</i>	common buttonbush	
<i>Cirsium horridulum</i>	purple thistle	weedy
<i>Cirsium</i> sp.	thistle	
<i>Cladium jamaicense</i>	sawgrass	
<i>Crinum americanum</i>	string lily	
<i>Cynanchum angustifolium</i>	Gulf Coast swallowwort	
<i>Cynanchum</i> sp.	swallowwort	
<i>Cyperus</i> sp.	flatsedge	
<i>Dichanthelium</i> sp.	witchgrass	
<i>Digitaria</i> sp.	crabgrass	
<i>Diodia virginiana</i>	Virginia buttonweed	
<i>Drosera capillaris</i>	pink sundew	

<i>Eleocharis</i> sp.	spikerush	
<i>Erechtites hieraciifolius</i>	fireweed	weedy
<i>Erigeron</i> sp.	fleabane	
<i>Eriocaulon compressum</i>	flattened pipewort	
<i>Eriocaulon decangulare</i>	tenangle pipewort	
<i>Eupatorium capillifolium</i>	dogfennel	weedy
<i>Eupatorium leptophyllum</i>	falsefennel	
<i>Euthamia caroliniana</i>	slender flattop goldenrod	weedy
<i>Fuirena scirpoidea</i>	southern umbrellasedge	
<i>Gratiola</i> sp.	hedgelysop	
<i>Helenium pinnatifidum</i>	southeastern sneezeweed	
<i>Heliotropium polyphyllum</i>	pineland heliotrope	
<i>Hibiscus grandiflorus</i>	swamp rosemallow	
<i>Hydrocotyle bonariensis</i>	largeleaf marshpennywort	
<i>Hydrocotyle</i> sp.	marshpennywort	
<i>Hydrocotyle umbellata</i>	manyflower marshpennywort	
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	EPPC Category I
<i>Hypericum brachyphyllum</i>	coastalplain St. John's wort	
<i>Hypericum fasciculatum</i>	peelbark St. John's wort	
<i>Hyptis alata</i>	clustered bushmint	
<i>Ilex cassine</i>	dahoon	
<i>Iris hexagona</i>	prairie iris	
<i>Iris</i> sp.	iris	
<i>Iva microcephala</i>	Piedmont marshelder	
<i>Juncus scirpoides</i>	needlepod rush	
<i>Juncus</i> sp.	rush	
<i>Lachnocaulon</i> sp.	bogbutton	
<i>Limnophila sessiliflora</i>	Asian marshweed	EPPC Category II
<i>Limum medium</i> var. <i>texanum</i>	stiff yellow flax	
<i>Ludwigia octovalvis</i>	Mexican primrosewillow	
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	EPPC Category I
<i>Ludwigia repens</i>	creeping primrosewillow	
<i>Ludwigia</i> sp.	primrosewillow	
<i>Lygodium microphyllum</i>	old world climbing fern	EPPC Category I
<i>Melaleuca quinquenervia</i>	melaleuca	EPPC Category I
<i>Mikania cordifolia</i>	Florida Keys hempvine	
<i>Mikania scandens</i>	climbing hempvine	
<i>Muhlenbergia capillaris</i>	hairawn muhly	
<i>Murdannia nudiflora</i>	nakedstem dewflower	

<i>Myrica cerifera</i>	wax myrtle	
<i>Nephrolepis cordifolia</i>	sword fern	EPPC Category I
<i>Nuphar advena</i>	yellow pondlily	
<i>Nymphaea odorata</i>	American white waterlily	
<i>Nymphaea</i> sp.	waterlily	
<i>Nymphoides aquatica</i>	big floatingheart	
<i>Nymphoides</i> sp.	Floatingheart	
<i>Nyssa sylvatica</i> var. <i>biflora</i>	swamp tupelo	
<i>Oxypolis filiformis</i>	water cowbane	
<i>Panicum hemitomon</i>	maidencane	
<i>Panicum repens</i>	torpedo grass	EPPC Category I
<i>Panicum</i> sp.	panicgrass	
<i>Panicum tenerum</i>	bluejoint panicum	
<i>Paspalidium geminatum</i>	Egyptian paspalidium	
<i>Paspalum notatum</i>	bahiagrass	exotic
<i>Persea palustris</i>	swamp bay	
<i>Phanopyrum gymnocarpon</i>	savannah panicum	
<i>Phlebodium aureum</i>	golden polypody	
<i>Phragmites australis</i>	common reed	
<i>Phyla nodiflora</i>	turkey tangle fogfruit	
<i>Phytolacca americana</i>	American pokeweed	
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida slash pine	
<i>Pluchea odorata</i>	sweetscent	
<i>Pluchea rosea</i>	rosy camphorweed	
<i>Pluchea</i> sp.	camphorweed	
<i>Polygala balduinii</i>	Baldwin's milkwort	
<i>Polygala cymosa</i>	tall pinebarren milkwort	
<i>Polygonum hydropiperoides</i>	swamp smartweed	
<i>Polygonum punctatum</i>	dotted smartweed	
<i>Polygonum</i> sp.	smartweed	
<i>Pontederia cordata</i>	pickerelweed	
<i>Proserpinaca pectinata</i>	combleaf mermaidweed	
<i>Pseudognaphalium</i> sp.	cudweed	
<i>Psidium cattleianum</i>	strawberry guava	EPPC Category I
<i>Ptilimnium capillaceum</i>	mock bishopsweed	
<i>Quercus laurifolia</i>	diamond-leaved oak	
<i>Rhexia</i> sp.	meadowbeauty	
<i>Rhynchospora colorata</i>	starrush whitetop	
<i>Rhynchospora inundata</i>	narrowfruit horned beaksedge	

<i>Rhynchospora</i> sp.	beaksedge	
<i>Rhynchospora tracyi</i>	Tracy's beaksedge	
<i>Sabal palmetto</i>	cabbage palm	
<i>Sabatia grandiflora</i>	largeflower rosegiant	
<i>Saccharum giganteum</i>	sugarcane plumegrass	
<i>Sacciolepis</i> sp.	cupscale	
<i>Sagittaria graminea</i>	grassy arrowhead	
<i>Sagittaria lancifolia</i>	bulltongue arrowhead	
<i>Sagittaria</i> sp.	arrowhead	
<i>Salix caroliniana</i>	coastalplain willow	
<i>Sarcostemma clausum</i>	white twinevine	
<i>Schinus terebinthifolius</i>	Brazilian pepper	EPPC Category I
<i>Scoparia dulcis</i>	licoriceweed	weedy
<i>Serenoa repens</i>	saw palmetto	
<i>Sesbania herbacea</i>	danglepod	weedy
<i>Sideroxylon reclinatum</i>	Florida bully	
<i>Smilax auriculata</i>	earleaf greenbrier	
<i>Smilax walteri</i>	coral greenbrier	
<i>Solanum viarum</i>	tropical soda apple	
<i>Spartina bakeri</i>	sand cordgrass	
<i>Spartina cynosuroides</i>	big cordgrass	
<i>Stillingia aquatica</i>	water toothleaf	
<i>Symphyotrichum carolinianum</i>	climbing aster	
<i>Taxodium ascendens</i>	pond cypress	
<i>Taxodium distichum</i>	bald cypress	
<i>Teucrium canadense</i>	Canadian germander	
<i>Thalia geniculata</i>	alligatorflag	
<i>Thelypteris interrupta</i>	hottentot fern	
<i>Tillandsia balbisiana</i>	northern needleleaf	Threatened-FL
<i>Tillandsia fasciculata</i>	common wild-pine	Endangered-FL
<i>Tillandsia recurvata</i>	ballmoss	
<i>Tillandsia setacea</i>	southern needleleaf	
<i>Tillandsia usneoides</i>	Spanish moss	
<i>Tillandsia utriculata</i>	giant air-plant	Endangered-FL
<i>Typha domingensis</i>	southern cattail	
<i>Typha latifolia</i>	broadleaf cattail	
<i>Urena lobata</i>	Caesar's weed	EPPC Category II
<i>Urochloa mutica</i>	para grass	EPPC Category I
<i>Utricularia cornuta</i>	horned bladderwort	

<i>Utricularia foliosa</i>	leafy bladderwort	
<i>Utricularia</i> sp.	bladderwort	
<i>Vicia acutifolia</i>	fourleaf vetch	
<i>Vicia sativa</i>	common vetch	
<i>Vicia</i> sp.	vetch	
<i>Viola lanceolata</i>	bog white violet	
<i>Xyris caroliniana</i>	Carolina yelloweyed-grass	
<i>Xyris elliotii</i>	Elliott's yelloweyed-grass	
<i>Xyris</i> sp.	yelloweyed-grass	

Depression Marsh

Depression marshes are typically rounded, shallow, herb-dominated wetlands in sand substrate. As water depth increases toward the center, distinctive zones of vegetation develop that correspond to depth and hydroperiod. Depression marshes at Babcock Ranch are typically less than 10 acres. Because this community is filled by rainfall or seepage from surrounding uplands it is not uncommon for depression marshes to dry out during periods of low rainfall. As a result, they may burn more frequently and more completely than basin marshes. The substrate in depression marshes is usually acid sand, possibly with peat development toward the center or deeper areas. Depression marshes are a frequent feature on Babcock Ranch and are found in association with wet prairie, wet flatwoods, mesic flatwoods and, occasionally, dry prairie and improved pasture.

Pickerselweed (*Pontederia cordata*), bull tongue arrowhead (*Sagittaria lanceolata*), and maidencane (*Panicum hemitomon*) are typical dominant plants in the center of depression marshes. Carolina willow (*Salix caroliniana*) and fireflag (*Thalia geniculata*) may also occur in the deepest areas. Away from the center frequently encountered species are blue maidencane (*Amphicarpum muhlenbergianum*), witchgrasses (*Dichanthelium* spp.), sundews (*Drosera* spp.), spikerushes (*Eleocharis* spp.), St. John's worts (*Hypericum* spp.), clustered bushmint (*Hyptis alata*), bluejoint panicum (*Panicum tenerum*), combleaf mermaidweed (*Proserpinaca pectinata*), and beaksedges (*Rhynchospora* spp.). Ecotones between depression marshes and wet flatwoods, mesic flatwoods and wet prairies can support woody species such as common buttonbush (*Cephalanthus occidentalis*), swamp rosemallow (*Hibiscus grandiflorus*), St. John's worts (*Hypericum* spp.), melaleuca (*Melaleuca quinquenervia*), wax myrtle (*Myrica cerifera*), cabbage palm (*Sabal palmetto*), and coastalplain willow (*Salix caroliniana*).

Disturbances to depression marshes on Babcock Ranch include agricultural and forestry operations, fire exclusion, livestock grazing, hog digging, ditching and hydrologic alterations, ORV trails, roads, firebreaks, and invasion by exotic species, including Peruvian primrosewillow (*Ludwigia peruviana*) and Caesar's weed (*Urena lobata*), Brazilian pepper (*Schinus terebinthifolius*), para grass (*Urochloa mutica*), and West Indian marsh grass (*Hymenachne amplexicaulis*). Fire is important for restricting woody plant encroachment in depression marshes.

Plant species observed in depression marshes on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Acer rubrum</i>	red maple	
<i>Acmella</i> sp.	spotflower	
<i>Agalinis</i> sp.	false foxglove	
<i>Ambrosia artemisiifolia</i>	common ragweed	
<i>Ampelopsis arborea</i>	peppervine	
<i>Amphicarpum muhlenbergianum</i>	blue maidencane	
<i>Andropogon brachystachyus</i>	shortspike bluestem	
<i>Andropogon glomeratus</i>	bushy bluestem	weedy
<i>Andropogon</i> sp.	bluestem	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Andropogon virginicus</i> var. <i>glaucus</i>	chalky bluestem	
<i>Aristida palustris</i>	longleaf threeawn	
<i>Aristida purpurascens</i>	arrowfeather threeawn	
<i>Aristida</i> sp.	threeawn	
<i>Aristida stricta</i> var. <i>beyrichiana</i>	wiregrass	
<i>Baccharis glomeruliflora</i>	silverling	
<i>Baccharis halimifolia</i>	groundsel tree	
<i>Bacopa caroliniana</i>	lemon bacopa	
<i>Bacopa monnieri</i>	herb-of-grace	
<i>Bidens mitis</i>	smallfruit beggarticks	
<i>Bigelovia nudata</i>	pineland rayless goldenrod	
<i>Blechnum serrulatum</i>	toothed midsorus fern	
<i>Boehmeria cylindrica</i>	false nettle	
<i>Carex gigantea</i>	giant sedge	
<i>Carex verrucosa</i>	warty sedge	
<i>Cassytha filiformis</i>	love vine	
<i>Centella asiatica</i>	spadeleaf	
<i>Cephalanthus occidentalis</i>	common buttonbush	
<i>Cirsium horridulum</i>	purple thistle	weedy
<i>Cirsium muttallii</i>	Nuttall's thistle	
<i>Cirsium</i> sp.	thistle	
<i>Cladium jamaicense</i>	sawgrass	
<i>Coelorachis rugosa</i>	wrinkled jointgrass	
<i>Coreopsis</i> sp.	tickseed	
<i>Cuphea carthagenensis</i>	Colombian waxweed	
<i>Cynanchum</i> sp.	swallowwort	
<i>Cynodon dactylon</i>	Bermudagrass	

<i>Cyperus</i> sp.	flatsedge	
<i>Dichanthelium commutatum</i>	variable witchgrass	
<i>Dichanthelium ensifolium</i>	cypress witchgrass	
<i>Dichanthelium ensifolium</i> var. <i>unciphillum</i>	cypress witchgrass	
<i>Dichanthelium erectifolium</i>	erectleaf witchgrass	
<i>Dichanthelium</i> sp.	witchgrass	
<i>Digitaria</i> sp.	crabgrass	
<i>Diodia virginiana</i>	Virginia buttonweed	
<i>Drosera brevifolia</i>	dwarf sundew	
<i>Drosera capillaris</i>	pink sundew	
<i>Drosera</i> sp.	sundew	
<i>Echinochloa crusgalli</i>	barnyardgrass	
<i>Eleocharis cellulosa</i>	Gulf Coast spikerush	
<i>Eleocharis equisetoides</i>	jointed spikerush	
<i>Eleocharis interstincta</i>	knotted spikerush	
<i>Eleocharis</i> sp.	spikerush	
<i>Eragrostis</i> sp.	lovegrass	
<i>Erechtites hieraciifolius</i>	fireweed	weedy
<i>Erigeron</i> sp.	fleabane	
<i>Erigeron vernus</i>	early whitetop fleabane	
<i>Eriocaulon compressum</i>	flattened pipewort	
<i>Eriocaulon decangulare</i>	tenangle pipewort	
<i>Eulophia alta</i>	wild coco	
<i>Eupatorium capillifolium</i>	dogfennel	weedy
<i>Eupatorium compositifolium</i>	yankeeweed	
<i>Eupatorium leptophyllum</i>	falsefennel	
<i>Euthamia caroliniana</i>	slender flattop goldenrod	weedy
<i>Fuirena scirpoidea</i>	southern umbrellasedge	
<i>Fuirena</i> sp.	umbrellasedge	
<i>Gratiola pilosa</i>	shaggy hedgehyssop	
<i>Gratiola ramosa</i>	branched hedgehyssop	
<i>Gratiola</i> sp.	hedgehyssop	
<i>Helenium pinnatifidum</i>	southeastern sneezeweed	
<i>Heliotropium polyphyllum</i>	pineland heliotrope	
<i>Hemarthria altissima</i>	limpograss	
<i>Hibiscus grandiflorus</i>	swamp rosemallow	
<i>Hydrocotyle bonariensis</i>	largeleaf marshpennywort	
<i>Hydrocotyle</i> sp.	marshpennywort	

<i>Hydrocotyle umbellata</i>	manyflower marshpennywort	
<i>Hydrocotyle verticillata</i>	whorled marshpennywort	
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	
<i>Hypericum brachyphyllum</i>	coastalplain St. John's wort	
<i>Hypericum fasciculatum</i>	peelbark St. John's wort	
<i>Hypericum mutilum</i>	dwarf St. John's wort	
<i>Hypericum myrtifolium</i>	myrtleleaf St. John's wort	
<i>Hypericum</i> sp.	St. John's wort	
<i>Hyptis alata</i>	clustered bushmint	
<i>Hyptis</i> sp.	bushmint	
<i>Ilex cassine</i>	dahoon	
<i>Iris hexagona</i>	prairie iris	
<i>Iris</i> sp.	iris	
<i>Iva microcephala</i>	Piedmont marshelder	
<i>Juncus effusus</i> ssp. <i>solutus</i>	soft rush	
<i>Juncus repens</i>	lesser creeping rush	
<i>Juncus</i> sp.	rush	
<i>Justicia angusta</i>	pineland water-willow	
<i>Lachnanthes carolina</i>	Carolina redroot	
<i>Lachnocaulon anceps</i>	whitehead bogbutton	
<i>Lachnocaulon</i> sp.	bogbutton	
<i>Lindernia grandiflora</i>	savannah false pimpernel	
<i>Ludwigia arcuata</i>	Piedmont primrosewillow	
<i>Ludwigia octovalvis</i>	Mexican primrosewillow	
<i>Ludwigia palustris</i>	marsh seedbox	
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	EPPC Category I
<i>Ludwigia repens</i>	creeping primrosewillow	
<i>Ludwigia</i> sp.	primrosewillow	
<i>Lycopodiella</i> sp.	club-moss	
<i>Lygodium microphyllum</i>	old world climbing fern	EPPC Category I
<i>Lythrum alatum</i>	winged loosestrife	
<i>Melaleuca quinquenervia</i>	melaleuca	EPPC Category I
<i>Melothria pendula</i>	creeping cucumber	
<i>Mikania cordifolia</i>	Florida Keys hempvine	
<i>Mikania scandens</i>	climbing hempvine	
<i>Mitreola</i> sp.	hornpod	
<i>Muhlenbergia capillaris</i>	hairawn muhly	
<i>Muhlenbergia</i> sp.	muhly	
<i>Myrica cerifera</i>	wax myrtle	

<i>Myriophyllum</i> sp.	watermilfoil	
<i>Nuphar advena</i>	yellow pondlily	
<i>Nymphaea</i> sp.	waterlily	
<i>Nymphoides aquatica</i>	big floatingheart	
<i>Nyssa sylvatica</i> var. <i>biflora</i>	swamp tupelo	
<i>Oxalis corniculata</i>	common yellow woodsorrel	
<i>Oxypolis filiformis</i>	water cowbane	
<i>Oxypolis</i> sp.	cowbane	
<i>Panicum hemitomon</i>	maidencane	
<i>Panicum hians</i>	gaping panicum	
<i>Panicum repens</i>	torpedo grass	EPPC Category I
<i>Panicum</i> sp.	panicgrass	
<i>Panicum tenerum</i>	bluejoint panicum	
<i>Paspalidium geminatum</i>	Egyptian paspalidium	
<i>Paspalum distichum</i>	knotgrass	
<i>Paspalum laeve</i>	field paspalum	
<i>Paspalum notatum</i>	bahiagrass	exotic
<i>Paspalum repens</i>	water paspalum	
<i>Paspalum setaceum</i>	thin paspalum	
<i>Paspalum</i> sp.	crowngrass	
<i>Phyla nodiflora</i>	turkey tangle fogfruit	
<i>Phytolacca americana</i>	American pokeweed	
<i>Pinguicula pumila</i>	small butterwort	
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida slash pine	
<i>Pistia stratiotes</i>	water-lettuce	EPPC Category I
<i>Pluchea odorata</i>	sweetscent	
<i>Pluchea rosea</i>	rosy camphorweed	
<i>Pluchea</i> sp.	camphorweed	
<i>Polygala baldwinii</i>	Baldwin's milkwort	
<i>Polygala cymosa</i>	tall pinebarren milkwort	
<i>Polygala setacea</i>	coastalplain milkwort	
<i>Polygonum hydropiperoides</i>	swamp smartweed	
<i>Polygonum punctatum</i>	dotted smartweed	
<i>Polygonum</i> sp.	smartweed	
<i>Pontederia cordata</i>	pickerelweed	
<i>Proserpinaca pectinata</i>	combleaf mermaidweed	
<i>Proserpinaca</i> sp.	mermaidweed	
<i>Pseudognaphalium</i> sp.	cudweed	
<i>Ptilimnium capillaceum</i>	mock bishopsweed	

<i>Rhexia cubensis</i>	West Indian meadowbeauty	
<i>Rhexia mariana</i>	pale meadowbeauty	
<i>Rhexia</i> sp.	meadowbeauty	
<i>Rhynchelytrum repens</i>	Natal grass	EPPC Category I
<i>Rhynchospora colorata</i>	starrush whitetop	
<i>Rhynchospora corniculata</i>	shortbristle horned beaksedge	
<i>Rhynchospora fascicularis</i>	fascicled beaksedge	
<i>Rhynchospora inexpansa</i>	nodding beaksedge	
<i>Rhynchospora inundata</i>	narrowfruit horned beaksedge	
<i>Rhynchospora microcarpa</i>	southern beaksedge	
<i>Rhynchospora</i> sp.	beaksedge	
<i>Rhynchospora tracyi</i>	Tracy's beaksedge	
<i>Rotala ramosior</i>	lowland rotala	
<i>Rubus argutus</i>	sawtooth blackberry	
<i>Rumex</i> sp.	dock	
<i>Rumex verticillatus</i>	swamp dock	
<i>Sabal palmetto</i>	cabbage palm	
<i>Sabatia bartramii</i>	Bartram's rosegentian	
<i>Sabatia grandiflora</i>	largeflower rosegentian	
<i>Sabatia</i> sp.	rosegentian	
<i>Saccharum giganteum</i>	sugarcane plumegrass	
<i>Sacciolepis striata</i>	American cupscale	
<i>Sagittaria lancifolia</i>	bulltongue arrowhead	
<i>Sagittaria</i> sp.	arrowhead	
<i>Salix caroliniana</i>	coastalplain willow	
<i>Salvinia minima</i>	water spangles	
<i>Samolus</i> sp.	pimpernel	
<i>Samolus valerandi</i> ssp. <i>parviflorus</i>	pineland pimpernel	
<i>Sarcostemma clausum</i>	white twinevine	
<i>Schinus terebinthifolius</i>	Brazilian pepper	EPPC Category I
<i>Schizachyrium scoparium</i>	little bluestem	
<i>Scirpus</i> sp.	bulrush	
<i>Scleria reticularis</i>	netted nutrush	
<i>Scleria</i> sp.	nutrush	
<i>Scoparia dulcis</i>	licoriceweed	weedy
<i>Serenoa repens</i>	saw palmetto	
<i>Sesbania herbacea</i>	danglepod	weedy
<i>Sideroxylon reclinatum</i>	Florida bully	
<i>Smilax auriculata</i>	earleaf greenbrier	

<i>Solanum viarum</i>	tropical soda apple	EPPC Category I
<i>Solidago</i> sp.	goldenrod	
<i>Spartina bakeri</i>	sand cordgrass	
<i>Spartina</i> sp.	cordgrass	
<i>Sporobolus indicus</i>	smutgrass	exotic
<i>Sporobolus</i> sp.	dropseed	
<i>Stillingia aquatica</i>	water toothleaf	
<i>Stillingia sylvatica</i>	queensdelight	
<i>Symphyotrichum carolinianum</i>	climbing aster	
<i>Syngonanthus flavidulus</i>	yellow hatpins	
<i>Syzygium cumini</i>	Java plum	EPPC Category I
<i>Taxodium ascendens</i>	pond cypress	
<i>Taxodium distichum</i>	bald cypress	
<i>Teucrium canadense</i>	Canadian germander	
<i>Thalia geniculata</i>	alligatorflag	
<i>Thelypteris</i> sp.	maiden fern	
<i>Tillandsia balbisiana</i>	northern needleleaf	Threatened-FL
<i>Tillandsia fasciculata</i>	common wild-pine	Endangered-FL
<i>Tillandsia recurvata</i>	ballmoss	
<i>Tillandsia setacea</i>	southern needleleaf	
<i>Tillandsia usneoides</i>	Spanish moss	
<i>Toxicodendron radicans</i>	eastern poison ivy	
<i>Triadenum virginicum</i>	Virginia marsh St John's wort	
<i>Typha domingensis</i>	southern cattail	
<i>Typha latifolia</i>	broadleaf cattail	
<i>Urena lobata</i>	Caesar's weed	
<i>Urochloa mutica</i>	para grass	EPPC Category I
<i>Utricularia cornuta</i>	horned bladderwort	
<i>Utricularia</i> sp.	bladderwort	
<i>Utricularia subulata</i>	zigzag bladderwort	
<i>Vicia acutifolia</i>	fourleaf vetch	
<i>Vicia</i> sp.	vetch	
<i>Viola lanceolata</i>	bog white violet	
<i>Woodwardia virginica</i>	Virginia chain fern	
<i>Xyris elliotii</i>	Elliott's yelloweyed-grass	
<i>Xyris</i> sp.	yelloweyed-grass	

Dome Swamp

Dome swamps are typically small, rounded, forested wetlands with a characteristic dome-like profile created by a gradient of tree size, where taller trees grow in the deeper, central portion of the swamps and shorter trees are at the edges. On Babcock Ranch, dome swamps are generally less than 10 acres. They are usually embedded within mesic flatwoods and wet flatwoods but may also occur in wet prairies. Some dome swamps exist as islands within basin marshes.

Dome swamps on Babcock Ranch typically have a dense canopy of pond cypress (*Taxodium ascendens*). Less frequently red maple (*Acer rubrum*), South Florida slash pine (*Pinus elliottii* var. *densa*), diamond-leaved oak (*Quercus laurifolia*), and cabbage palm (*Sabal palmetto*) can be found in the canopy or subcanopy. Shrub abundance varies among domes swamps, ranging from sparse in some, to quite dense in others. Typical shrubs are common buttonbush (*Cephalanthus occidentalis*), Carolina ash (*Fraxinus caroliniana*), dahoon (*Ilex cassine*), wax myrtle (*Myrica cerifera*), swamp bay (*Persea palustris*), and myrsine (*Rapanea punctata*). Herb cover is similarly variable with typical species including false nettle (*Boehmeria cylindrica*), maidencane (*Panicum hemitomon*), camphorweed (*Pluchea* sp.), smartweed (*Polygonum* sp.), Canadian germander (*Teucrium canadense*), and a variety of fern species, especially toothed midorus fern (*Blechnum serrulatum*). Epiphytes are present on trees in some dome swamps and are represented by golden polypody (*Phlebodium aureum*), various species of Tillandsia, and shoestring fern (*Vittaria lineata*).

Disturbances to dome swamps on Babcock Ranch include invasion by exotic species, particularly Brazilian pepper (*Schinus terebinthifolius*), old world climbing fern (*Lygodium microphyllum*), sword fern (*Nephrolepis cordifolia*), and Caesar's weed (*Urena lobata*). Other disturbances include tree thinning or clearing, hog digging, cattle grazing, hydrologic alterations, woody encroachment, ORV trails, firebreaks, and fire exclusion. Fire is essential for maintaining dome swamps and cypress is quite tolerant of light surface burns, however they can be killed where fires burn into areas where trees are growing in muck or peat.

Plant species observed in dome swamps on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Acer rubrum</i>	red maple	
<i>Acmella oppositifolia</i> var. <i>repens</i>	oppositeleaf spotflower	
<i>Albizia lebbbeck</i>	woman's tongue	EPPC Category I
<i>Alternanthera philoxeroides</i>	alligator weed	
<i>Amphicarpum muhlenbergianum</i>	blue maidencane	
<i>Andropogon glomeratus</i>	bushy bluestem	weedy
<i>Andropogon</i> sp.	bluestem	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Andropogon virginicus</i> var. <i>glaucus</i>	chalky bluestem	
<i>Annona glabra</i>	pond apple	
<i>Aristida stricta</i> var. <i>beyrichiana</i>	wiregrass	
<i>Axonopus fissifolius</i>	common carpetgrass	
<i>Axonopus furcatus</i>	big carpetgrass	

<i>Baccharis glomeruliflora</i>	silverling	
<i>Baccharis halimifolia</i>	groundsel tree	
<i>Bacopa monnieri</i>	herb-of-grace	
<i>Bacopa</i> sp.	waterhyssop	
<i>Berchemia scandens</i>	rattan vine	
<i>Bidens</i> sp.	beggarticks	
<i>Blechnum serrulatum</i>	toothed midsorus fern	
<i>Boehmeria cylindrica</i>	false nettle	
<i>Carex gigantea</i>	giant sedge	
<i>Carex glaucescens</i>	clustered sedge	
<i>Carex</i> sp.	sedge	
<i>Centella asiatica</i>	spadeleaf	
<i>Cephalanthus occidentalis</i>	common buttonbush	
<i>Ceratophyllum demersum</i>	coontail	
<i>Cirsium horridulum</i>	purple thistle	weedy
<i>Cirsium nuttallii</i>	Nuttall's thistle	
<i>Cirsium</i> sp.	thistle	
<i>Cladium jamaicense</i>	sawgrass	
<i>Commelina diffusa</i>	common dayflower	
<i>Commelina</i> sp.	dayflower	
<i>Conoclinium coelestinum</i>	blue mistflower	
<i>Crinum americanum</i>	string lily	
<i>Cynanchum scoparium</i>	leafless swallowwort	
<i>Cynanchum</i> sp.	swallowwort	
<i>Cynodon dactylon</i>	Bermudagrass	
<i>Cyperus giganteus</i>	giant flatsedge	
<i>Cyperus</i> sp.	flatsedge	
<i>Dichanthelium</i> sp.	witchgrass	
<i>Diodia</i> sp.	buttonweed	
<i>Diodia virginiana</i>	Virginia buttonweed	
<i>Eclipta prostrata</i>	false daisy	
<i>Emilia fosbergii</i>	Florida tasselflower	
<i>Erechtites hieracifolius</i>	fireweed	weedy
<i>Eriocaulon decangulare</i>	tenangle pipewort	
<i>Eupatorium capillifolium</i>	dogfennel	weedy
<i>Eupatorium compositifolium</i>	yankeeweed	
<i>Eupatorium leptophyllum</i>	falsefennel	
<i>Ficus aurea</i>	strangler fig	
<i>Fraxinus caroliniana</i>	Carolina ash	

<i>Galium</i> sp.	bedstraw	
<i>Gratiola</i> sp.	hedgehyssop	
<i>Hibiscus grandiflorus</i>	swamp rosemallow	
<i>Hydrocotyle</i> sp.	marshpennywort	
<i>Hydrocotyle umbellata</i>	manyflower marshpennywort	
<i>Hydrocotyle verticillata</i>	whorled marshpennywort	
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	
<i>Hypericum cistifolium</i>	roundpod St. John's wort	
<i>Hypericum fasciculatum</i>	peelbark St. John's wort	
<i>Hypericum hypericoides</i>	St. Andrew's cross	
<i>Hypericum mutilum</i>	dwarf St. John's wort	
<i>Hyptis alata</i>	clustered bushmint	
<i>Hyptis</i> sp.	bushmint	
<i>Ilex cassine</i>	dahoon	
<i>Ilex cassine</i> var. <i>myrtifolia</i>	myrtle dahoon	
<i>Ilex coriacea</i>	large gallberry	
<i>Iresine diffusa</i>	Juba's bush	
<i>Iris hexagona</i>	prairie iris	
<i>Iris</i> sp.	iris	
<i>Itea virginica</i>	Virginia willow	
<i>Juncus</i> sp.	rush	
<i>Justicia angusta</i>	pineland water-willow	
<i>Lachnanthes carolina</i>	Carolina redroot	
<i>Lemna</i> sp.	duckweed	
<i>Lindernia dubia</i>	moistbank pimpernel	
<i>Lindernia grandiflora</i>	savannah false pimpernel	
<i>Ludwigia arcuata</i>	Piedmont primrosewillow	
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	EPPC Category I
<i>Ludwigia repens</i>	creeping primrosewillow	
<i>Ludwigia</i> sp.	primrosewillow	
<i>Lycopus rubellus</i>	taperleaf waterhorehound	
<i>Lygodium japonicum</i>	Japanese climbing fern	EPPC Category I
<i>Lygodium microphyllum</i>	old world climbing fern	EPPC Category I
<i>Melaleuca quinquenervia</i>	melaleuca	EPPC Category I
<i>Melochia</i> sp.	melochia	
<i>Micranthemum umbrosum</i>	shade mudflower	
<i>Mikania cordifolia</i>	Florida Keys hempvine	
<i>Mikania scandens</i>	climbing hempvine	
<i>Myrica cerifera</i>	wax myrtle	

<i>Nephrolepis cordifolia</i>	sword fern	
<i>Nephrolepis exaltata</i>	sword fern	
<i>Nymphaea</i> sp.	waterlily	
<i>Nymphoides cordata</i>	little floatingheart	
<i>Nyssa sylvatica</i> var. <i>biflora</i>	swamp tupelo	
<i>Osmunda cinnamomea</i>	cinnamon fern	
<i>Osmunda regalis</i> var. <i>spectabilis</i>	royal fern	
<i>Panicum hemitomon</i>	maidencane	
<i>Panicum repens</i>	torpedo grass	EPPC Category I
<i>Panicum rigidulum</i>	redtop panicum	
<i>Panicum</i> sp.	panicgrass	
<i>Parietaria floridana</i>	Florida pellitory	
<i>Parthenocissus quinquefolia</i>	Virginia creeper	
<i>Paspalidium geminatum</i>	Egyptian paspalidium	
<i>Paspalum repens</i>	water paspalum	
<i>Persea borbonia</i>	red bay	
<i>Persea palustris</i>	swamp bay	
<i>Phlebodium aureum</i>	golden polypody	
<i>Phyla nodiflora</i>	turkey tangle fogfruit	
<i>Phytolacca americana</i>	American pokeweed	
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida slash pine	
<i>Pluchea foetida</i>	stinking camphorweed	
<i>Pluchea odorata</i>	sweetscent	
<i>Pluchea rosea</i>	rosy camphorweed	
<i>Pluchea</i> sp.	camphorweed	
<i>Polygonum hydropiperoides</i>	swamp smartweed	
<i>Polygonum punctatum</i>	dotted smartweed	
<i>Polygonum</i> sp.	smartweed	
<i>Pontederia cordata</i>	pickerelweed	
<i>Proserpinaca pectinata</i>	combleaf mermaidweed	
<i>Psidium guajava</i>	guava	EPPC Category I
<i>Psilotum nudum</i>	whisk fern	
<i>Ptilimnium capillaceum</i>	mock bishopsweed	
<i>Quercus laurifolia</i>	diamond-leaved oak	
<i>Quercus virginiana</i>	live oak	
<i>Rapanea punctata</i>	myrsine	
<i>Rhexia mariana</i>	pale meadowbeauty	
<i>Rhynchospora inexpansa</i>	nodding beaksedge	
<i>Rhynchospora inundata</i>	narrowfruit horned beaksedge	

<i>Rhynchospora</i> sp.	beaksedge	
<i>Rhynchospora tracyi</i>	Tracy's beaksedge	
<i>Sabal palmetto</i>	cabbage palm	
<i>Sagittaria lancifolia</i>	bulltongue arrowhead	
<i>Salix caroliniana</i>	coastalplain willow	
<i>Salvinia minima</i>	water spangles	
<i>Sarcostemma clausum</i>	white twinevine	
<i>Schinus terebinthifolius</i>	Brazilian pepper	EPPC Category I
<i>Scoparia dulcis</i>	licoriceweed	weedy
<i>Senna pendula</i> var. <i>glabrata</i>	valamuerto	EPPC Category I
<i>Serenoa repens</i>	saw palmetto	
<i>Sideroxylon reclinatum</i>	Florida bully	
<i>Smilax auriculata</i>	earleaf greenbrier	
<i>Smilax bona-nox</i>	saw greenbrier	
<i>Smilax laurifolia</i>	laurel greenbrier	
<i>Smilax tamnoides</i>	bristly greenbrier	
<i>Solanum viarum</i>	tropical soda apple	EPPC Category I
<i>Sonchus</i> sp.	sowthistle	
<i>Spartina bakeri</i>	sand cordgrass	
<i>Stillingia aquatica</i>	water toothleaf	
<i>Symphyotrichum carolinianum</i>	climbing aster	
<i>Symphyotrichum</i> sp.	aster	
<i>Taxodium ascendens</i>	pond cypress	
<i>Taxodium distichum</i>	bald cypress	
<i>Teucrium canadense</i>	Canadian germander	
<i>Thalia geniculata</i>	alligatorflag	
<i>Thelypteris</i> sp.	maiden fern	
<i>Tillandsia balbisiana</i>	northern needleleaf	Threatened-FL
<i>Tillandsia bartramii</i>	Bartram's air-plant	
<i>Tillandsia fasciculata</i>	common wild-pine	Endangered-FL
<i>Tillandsia flexuosa</i>	banded wild-pine	Threatened-FL
<i>Tillandsia paucifolia</i>	potbelly air-plant	
<i>Tillandsia recurvata</i>	ballmoss	
<i>Tillandsia setacea</i>	southern needleleaf	
<i>Tillandsia usneoides</i>	Spanish moss	
<i>Tillandsia utriculata</i>	giant air-plant	Endangered-FL
<i>Toxicodendron radicans</i>	eastern poison ivy	
<i>Tradescantia fluminensis</i>	white-flowered wandering jew	EPPC Category I
<i>Triadenum virginicum</i>	Virginia marsh St John's wort	

<i>Typha domingensis</i>	southern cattail	
<i>Typha latifolia</i>	broadleaf cattail	
<i>Urena lobata</i>	Caesar's weed	EPPC Category II
<i>Urochloa mutica</i>	para grass	EPPC Category I
<i>Utricularia</i> sp.	bladderwort	
<i>Viola lanceolata</i>	bog white violet	
<i>Vittaria lineata</i>	shoestring fern	
<i>Woodwardia virginica</i>	Virginia chain fern	

Dry Prairie

Dry prairies are nearly treeless flatlands dominated by a diverse assemblage of herbs and low shrubs. This is a fire-dependent community with a natural fire return interval of one to three years. Fires typically occur during the late spring/early summer lightning season. The treeless landscape of dry prairie may be attributable to flooding immediately following these fires, where slightly increased soil saturation inhibits pine seedling recruitment (Platt et al. 2006). On Babcock Ranch, associated communities include mesic flatwoods, wet flatwoods, wet prairie, basin marsh, and depression marsh. Dry prairie historically occupied a larger percentage of Babcock Ranch than it does today as evidenced by General Land Survey Office maps and surveyor notes from 1872. Portions of this community are now agricultural fields (i.e., croplands, pasture and pine plantations).

Shrubs in dry prairies are typically less than three feet tall and are dominated by saw palmetto, dwarf live oak (*Quercus minima*), dwarf wax myrtle (*Myrica cerifera* var. *pumila*), Coastal plain staggerbush (*Lyonia fruticosa*), Atlantic St. John's wort (*Hypericum reductum*), and netted pawpaw (*Asimina reticulata*). The diverse herb layer includes wiregrass (*Aristida stricta* var. *beyrichiana*), bottlebrush threeawn (*Aristida spiciformis*), slender flattop goldenrod (*Euthamia caroliniana*), wild pennyroyal (*Piloblephis rigida*), yellow hatpins (*Syngonanthus flavidulus*), and yellow-eyed grasses (*Xyris* sp.). Several rare species occur in Babcock Ranch dry prairies, including pine lily (*Lilium catesbaei*), yellow-flowered butterwort (*Pinguicula lutea*), and giant orchid (*Pteroglossaspis ecristata*). A few South Florida slash pine (*Pinus elliottii* var. *densa*) and longleaf pine (*Pinus palustris*) may present. Currently areas of dry prairie on Babcock Ranch exhibit minor disturbances; these include roads, firebreaks, and ORV trails. There are limited occurrences of exotic plant species such as cogon grass (*Imperata cylindrica*), melaleuca (*Melaleuca quinquenervia*), and Brazilian pepper (*Schinus terebinthifolius*).

The historic extent of dry prairie on Babcock Ranch was determined using a combination of 1872 surveyor notes and maps and 1940's aerial photography, in which dry prairie exhibits a distinctive smooth gray signature that lacks evidence of trees, or soil disturbance associated with logging that took place in the early 1900's. The historic dry prairie on Babcock Ranch is likely part of the "Big Prairie" mapped by Joseph Ives in 1856 that stretched from just north of the Caloosahatchee River to the Kissimmee River (Bridges 2006).

Plants observed in dry prairie on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Abrus precatorius</i>	rosary pea	EPPC Category I
<i>Agalinis</i> sp.	false foxglove	
<i>Aletris lutea</i>	yellow colic-root	
<i>Amphicarpum muhlenbergianum</i>	blue maidencane	
<i>Andropogon</i> sp.	bluestem	
<i>Andropogon ternarius</i>	splitbeard bluestem	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Aristida</i> sp.	threeawn	
<i>Aristida spiciformis</i>	bottlebrush threeawn	
<i>Aristida stricta</i> var. <i>beyrichiana</i>	wiregrass	
<i>Asimina reticulata</i>	netted pawpaw	
<i>Asimina</i> sp.	pawpaw	
<i>Bejaria racemosa</i>	tarflower	
<i>Bulbostylis</i> sp.	hairsedge	
<i>Callicarpa americana</i>	American beautyberry	
<i>Carphephorus carnosus</i>	pineland chaffhead	
<i>Centella asiatica</i>	spadeleaf	
<i>Chaptalia tomentosa</i>	pineland daisy	
<i>Cnidoscolus stimulosus</i>	tread softly	
<i>Dichanthelium</i> sp.	witchgrass	
<i>Elephantopus elatus</i>	tall elephantsfoot	
<i>Eragrostis</i> sp.	lovegrass	
<i>Erechtites hieraciifolius</i>	fireweed	weedy
<i>Eriocaulon compressum</i>	flattened pipewort	
<i>Eriocaulon decangulare</i>	tenangle pipewort	
<i>Eupatorium capillifolium</i>	dogfennel	weedy
<i>Eustachys</i> sp.	fingergrass	
<i>Euthamia caroliniana</i>	slender flattop goldenrod	weedy
<i>Flaveria</i> sp.	yellowtops	
<i>Galactia volubilis</i>	downy milkpea	
<i>Gaylussacia dumosa</i>	dwarf huckleberry	
<i>Gymnopogon</i> sp.	skeletongrass	
<i>Hymenocallis</i> sp.	spiderlily	
<i>Hypericum fasciculatum</i>	peelbark St. John's wort	
<i>Hypericum reductum</i>	Atlantic St. John's wort	
<i>Hypericum</i> sp.	St. John's wort	
<i>Hypericum tetrapetalum</i>	fourpetal St. John's wort	

<i>Hypoxis juncea</i>	fringed yellow stargrass	
<i>Hyptis alata</i>	clustered bushmint	
<i>Ilex cassine</i>	dahoon	
<i>Ilex glabra</i>	gallberry	
<i>Imperata cylindrica</i>	cogon grass	EPPC Category I
<i>Lachnocaulon</i> sp.	bogbutton	
<i>Lechea torreyi</i>	Piedmont pinweed	
<i>Licania michauxii</i>	gopher apple	
<i>Lilium catesbaei</i>	pine lily	Threatened-FL
<i>Linum</i> sp.	flax	
<i>Ludwigia maritima</i>	seaside primrosewillow	
<i>Lygodesmia aphylla</i>	rose rush	
<i>Lyonia fruticosa</i>	coastalplain staggerbush	
<i>Lyonia lucida</i>	fetterbush	
<i>Melaleuca quinquenervia</i>	melaleuca	EPPC Category I
<i>Melochia corchorifolia</i>	chocolateweed	exotic
<i>Mitreola sessilifolia</i>	swamp hornpod	
<i>Muhlenbergia capillaris</i>	hairawn muhly	
<i>Myrica cerifera</i>	wax myrtle	
<i>Myrica cerifera</i> var. <i>pumila</i>	dwarf wax myrtle	
<i>Panicum repens</i>	torpedo grass	EPPC Category I
<i>Panicum</i> sp.	panicgrass	
<i>Paspalum notatum</i>	bahiagrass	exotic
<i>Paspalum setaceum</i>	thin paspalum	
<i>Paspalum</i> sp.	crowngrass	
<i>Piloblephis rigida</i>	wild pennyroyal	
<i>Pinguicula lutea</i>	yellow-flowered butterwort	Threatened-FL
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida slash pine	
<i>Pinus palustris</i>	longleaf pine	
<i>Pluchea rosea</i>	rosy camphorweed	
<i>Polygala setacea</i>	coastalplain milkwort	
<i>Polygonella gracilis</i>	tall jointweed	
<i>Psidium guajava</i>	guava	EPPC Category I
<i>Pteridium aquilinum</i>	bracken fern	
<i>Pterocaulon pycnostachyum</i>	blackroot	
<i>Pteroglossaspis ecristata</i>	giant orchid	G2G3 / S2
<i>Quercus elliottii</i>	running oak	
<i>Quercus minima</i>	dwarf live oak	
<i>Quercus virginiana</i>	live oak	

<i>Rhexia nuttallii</i>	Nuttall's meadowbeauty	
<i>Rhynchospora</i> sp.	beaksedge	
<i>Sabal palmetto</i>	cabbage palm	
<i>Sabatia brevifolia</i>	shortleaf rosegiant	
<i>Schinus terebinthifolius</i>	Brazilian pepper	EPPC Category I
<i>Schizachyrium scoparium</i>	little bluestem	
<i>Schizachyrium</i> sp.	bluestem	
<i>Scleria</i> sp.	nutrush	
<i>Scoparia dulcis</i>	licoriceweed	weedy
<i>Serenoa repens</i>	saw palmetto	
<i>Sericocarpus tortifolius</i>	whitetop aster	
<i>Seymeria pectinata</i>	Piedmont blacksenna	
<i>Solanum viarum</i>	tropical soda apple	EPPC Category I
<i>Sorghastrum secundum</i>	lopsided indiagrass	
<i>Spartina bakeri</i>	sand cordgrass	
<i>Sporobolus indicus</i>	smutgrass	exotic
<i>Sporobolus junceus</i>	pineywoods dropseed	
<i>Stillingia sylvatica</i>	queensdelight	
<i>Symphotrichum</i> sp.	aster	
<i>Syngonanthus flavidulus</i>	yellow hatpins	
<i>Syngonium podophyllum</i>	arrowhead vine	exotic
<i>Taxodium ascendens</i>	pond cypress	
<i>Vaccinium myrsinites</i>	shiny blueberry	
<i>Viola lanceolata</i>	bog white violet	
<i>Xyris</i> sp.	yelloweyed-grass	

Hydric Hammock

Hydric hammocks are forested wetlands dominated by hardwood species and cabbage palm (*Sabal palmetto*). Hydric hammocks on Babcock Ranch occur along or within strand swamps, or as islands within basin marshes. Associated communities include wet flatwoods, mesic flatwoods, wet prairies, and basin marshes. Fires may reach the edge of a hydric hammock but saturated soils and humid, shaded conditions typically limit the extent of burning into the hammock.

Canopy cover is usually dense and dominated by diamond-leaved oak (*Quercus laurifolia*). The subcanopy is more species rich, but cabbage palm (*Sabal palmetto*) is nearly always present. The dense canopy and subcanopy limit available sunlight for lower strata. Shrubs include wax myrtle (*Myrica cerifera*), swamp bay (*Persea palustris*), myrsine (*Rapanea punctata*), cabbage palm (*Sabal palmetto*), and saw palmetto (*Serenoa repens*). Herbs include toothed midsorus fern (*Blechnum serrulatum*), false nettle (*Boehmeria cylindrica*), climbing hempvine (*Mikania scandens*), and hottentot fern (*Thelypteris interrupta*). Epiphytes can occasionally be found in

the canopy, and include golden polypody (*Phlebodium aureum*), resurrection fern (*Pleopeltis polypodioides* var. *michauxiana*), numerous air-plants (*Tillandsia* sp.), and shoestring fern (*Vittaria lineata*).

The major disturbance to hydric hammocks on Babcock Ranch is feral hog digging, the extensive ground disturbance in the hammocks allows colonization by exotic plant species such as old world climbing fern (*Lygodium microphyllum*), Brazilian pepper (*Schinus terebinthifolius*), and Caesar's weed (*Urena lobata*). Other disturbances include ORV trails, roads and drainage ditches and canals.

Plants observed in hydric hammock in Babcock Ranch

Scientific Name	Common Name	Notes
<i>Acer rubrum</i>	red maple	
<i>Alternanthera philoxeroides</i>	alligator weed	
<i>Ambrosia artemisiifolia</i>	common ragweed	
<i>Ampelopsis arborea</i>	peppervine	
<i>Amphicarpum muhlenbergianum</i>	blue maidencane	
<i>Andropogon glomeratus</i>	bushy bluestem	weedy
<i>Andropogon</i> sp.	bluestem	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Axonopus fissifolius</i>	common carpetgrass	
<i>Axonopus furcatus</i>	big carpetgrass	
<i>Axonopus</i> sp.	carpetgrass	
<i>Baccharis halimifolia</i>	groundsel tree	
<i>Berchemia scandens</i>	rattan vine	
<i>Bidens alba</i> var. <i>radiata</i>	beggarticks	
<i>Blechnum serrulatum</i>	toothed midsorus fern	
<i>Boehmeria cylindrica</i>	false nettle	
<i>Callicarpa americana</i>	American beautyberry	
<i>Campyloneurum phyllitidis</i>	long strap fern	
<i>Carex gigantea</i>	giant sedge	
<i>Carex</i> sp.	sedge	
<i>Carya aquatica</i>	water hickory	
<i>Centella asiatica</i>	spadeleaf	
<i>Cephalanthus occidentalis</i>	common buttonbush	
<i>Cladium jamaicense</i>	sawgrass	
<i>Commelina diffusa</i>	common dayflower	
<i>Conoclinium coelestinum</i>	blue mistflower	
<i>Coreopsis</i> sp.		
<i>Cornus foemina</i>	swamp dogwood	
<i>Cuphea carthagenensis</i>	Colombian waxweed	

<i>Cyperus ligularis</i>	swamp flatsedge	
<i>Cyperus</i> sp.	flatsedge	
<i>Dichanthelium dichotomum</i>	cypress witchgrass	
<i>Dichanthelium</i> sp.	witchgrass	
<i>Digitaria</i> sp.	crabgrass	
<i>Diospyros virginiana</i>	common persimmon	
<i>Encyclia tampensis</i>	Florida butterfly orchid	
<i>Erechtites hieraciifolius</i>	fireweed	weedy
<i>Erigeron quercifolius</i>	oakleaf fleabane	
<i>Eryngium baldwinii</i>	Baldwin's eryngo	
<i>Eupatorium capillifolium</i>	dogfennel	weedy
<i>Ficus aurea</i>	strangler fig	
<i>Fraxinus caroliniana</i>	Carolina ash	
<i>Harrisella porrecta</i>	needleroot airplant orchid	
<i>Hemarthria altissima</i>	limpoglass	
<i>Hydrocotyle</i> sp.	marshpennywort	
<i>Hydrocotyle umbellata</i>	manyflower marshpennywort	
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	
<i>Hypericum hypericoides</i>	St. Andrew's cross	
<i>Hypoxis curtissii</i>	common yellow stargrass	
<i>Hyptis alata</i>	clustered bushmint	
<i>Ilex cassine</i>	dahoon	
<i>Iris hexagona</i>	prairie iris	
<i>Iris</i> sp.	iris	
<i>Juncus marginatus</i>	grassleaf rush	
<i>Lobelia feayana</i>	bay lobelia	
<i>Ludwigia repens</i>	creeping primrosewillow	
<i>Ludwigia</i> sp.	primrosewillow	
<i>Lygodium microphyllum</i>	old world climbing fern	EPPC Category I
<i>Lythrum alatum</i>	winged loosestrife	
<i>Matelea</i> sp.	angle pod, spiny pod	
<i>Mikania cordifolia</i>	Florida Keys hempvine	
<i>Mikania scandens</i>	climbing hempvine	
<i>Morus rubra</i>	red mulberry	
<i>Myrcianthes fragrans</i>	Simpson's stopper	Threatened-FL
<i>Myrica cerifera</i>	wax myrtle	
<i>Nephrolepis</i> sp.	sword fern	
<i>Nyssa sylvatica</i> var. <i>biflora</i>	swamp tupelo	
<i>Ophioglossum palmatum</i>	hand fern	Endangered-FL

<i>Oplismenus hirtellus</i>	woodsgrass	
<i>Osmunda cinnamomea</i>	cinnamon fern	
<i>Oxalis corniculata</i>	common yellow woodsorrel	
<i>Panicum anceps</i>	beaked panicum	
<i>Panicum hemitomon</i>	maidencane	
<i>Panicum rigidulum</i>	redtop panicum	
<i>Panicum</i> sp.	panicgrass	
<i>Parthenocissus quinquefolia</i>	Virginia creeper	
<i>Paspalum notatum</i>	bahiagrass	exotic
<i>Paspalum</i> sp.	crowngrass	
<i>Passiflora lutea</i>	yellow passion-flower	
<i>Persea borbonia</i>	red bay	
<i>Persea palustris</i>	swamp bay	
<i>Phlebodium aureum</i>	golden polypody	
<i>Phyla nodiflora</i>	turkey tangle fogfruit	
<i>Phytolacca americana</i>	American pokeweed	
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida slash pine	
<i>Pinus palustris</i>	longleaf pine	
<i>Pleopeltis polypodioides</i> var. <i>michauxiana</i>	resurrection fern	
<i>Pluchea foetida</i>	stinking camphorweed	
<i>Pluchea odorata</i>	sweetscent	
<i>Pluchea rosea</i>	rosy camphorweed	
<i>Pluchea</i> sp.	camphorweed	
<i>Polygonum hydropiperoides</i>	swamp smartweed	
<i>Polygonum</i> sp.	smartweed	
<i>Psidium guajava</i>	guava	EPPC Category I
<i>Psychotria nervosa</i>	wild coffee	
<i>Psychotria sulzneri</i>	shortleaf wild coffee	
<i>Quercus laurifolia</i>	diamond-leaved oak	
<i>Quercus virginiana</i>	live oak	
<i>Rapanea punctata</i>	myrsine	
<i>Rhynchospora colorata</i>	starrush whitetop	
<i>Rhynchospora miliacea</i>	millet beaksedge	
<i>Rhynchospora</i> sp.	beaksedge	
<i>Sabal palmetto</i>	cabbage palm	
<i>Salix caroliniana</i>	coastalplain willow	
<i>Salvia lyrata</i>	lyreleaf sage	
<i>Sarcostemma clausum</i>	white twinevine	

<i>Schinus terebinthifolius</i>	Brazilian pepper	EPPC Category I
<i>Scoparia dulcis</i>	licoriceweed	weedy
<i>Serenoa repens</i>	saw palmetto	
<i>Sideroxylon reclinatum</i>	Florida bully	
<i>Smilax bona-nox</i>	saw greenbrier	
<i>Smilax laurifolia</i>	laurel greenbrier	
<i>Smilax tamnoides</i>	bristly greenbrier	
<i>Solidago</i> sp.	goldenrod	
<i>Taxodium ascendens</i>	pond cypress	
<i>Taxodium distichum</i>	bald cypress	
<i>Teucrium canadense</i>	Canadian germander	
<i>Thelypteris interrupta</i>	hottentot fern	
<i>Thelypteris palustris</i> var. <i>pubescens</i>	marsh fern	
<i>Tillandsia balbisiana</i>	northern needleleaf	Threatened-FL
<i>Tillandsia fasciculata</i>	common wild-pine	Endangered-FL
<i>Tillandsia recurvata</i>	ballmoss	
<i>Tillandsia setacea</i>	southern needleleaf	
<i>Tillandsia usneoides</i>	Spanish moss	
<i>Tillandsia utriculata</i>	giant air-plant	Endangered-FL
<i>Toxicodendron radicans</i>	eastern poison ivy	
<i>Tripsacum dactyloides</i>	eastern gama grass	
<i>Ulmus americana</i>	American elm	
<i>Urena lobata</i>	Caesar's weed	EPPC Category II
<i>Verbesina virginica</i>	white crownbeard	
<i>Viburnum obovatum</i>	small-leaf viburnum	
<i>Viola</i> sp.	violet	
<i>Vitis aestivalis</i>	summer grape	
<i>Vitis rotundifolia</i>	muscadine	
<i>Vitis</i> sp.	grape	
<i>Vittaria lineata</i>	shoestring fern	
<i>Ximenia americana</i>	hog plum	

Mesic Flatwoods

Mesic flatwoods are open, pine canopy forests with a diverse understory of shrubs and herbs occurring on acid sands on generally flat terrain. Mesic flatwoods are the dominant upland natural community on Babcock Ranch. Saw palmetto and wiregrass are characteristic shrub and herb species. In addition to these dominant species, there is often a high diversity of shrubs and particularly herbs. Frequent fire is an important factor in maintaining vegetation structure and high diversity in mesic flatwoods. Fires naturally occurred every two to four years during the

late spring/early summer lightning season. Mesic flatwoods that have not burned regularly tend to have dense tall shrub layers and sparse to absent herbaceous vegetation.

The primary canopy species in mesic flatwoods on Babcock Ranch is South Florida slash pine (*Pinus elliottii* var. *densa*) except in the northeast corner of the range where longleaf pine (*Pinus palustris*) dominates. The pines, oaks (*Quercus* sp.), and cabbage palm (*Sabal palmetto*) are typical subcanopy species. Shrubs and herbs are typically co-dominant in the understory, although wetter areas favor greater shrub development, and denser canopy trees. Most shrubs are under six feet tall; common species include saw palmetto, wax myrtle (*Myrica cerifera*), dwarf live oak (*Quercus minima*), coastalplain staggerbush (*Lyonia fruticosa*), and netted pawpaw (*Asimina reticulata*). Frequent among herbs are wiregrass (*Aristida stricta* var. *beyrichiana*), lopsided indiagrass (*Sorghastrum secundum*), chaffheads (*Carphephorus* spp.), bluestems (*Andropogon* spp.), tickseeds (*Coreopsis* spp.), and yellow-eyed grasses (*Xyris* spp.).

Large areas of the historic mesic flatwoods on Babcock Ranch have been converted to agricultural fields and pastures. Boundaries between these areas and mesic flatwoods often have infestations of invasive exotic species, especially melaleuca (*Melaleuca quinquenervia*), Brazilian pepper (*Schinus terebinthifolius*), Caesar weed (*Urena lobata*), cogon grass (*Imperata cylindrica*), and old world climbing fern (*Lygodium microphyllum*). Other disturbances in mesic flatwoods on the property include soil disturbance by feral hogs, which can contribute to the spread of weedy and exotic species, wildlife food plots, ORV trails, firebreaks, ditches and canals. Lack of fire in a few areas has resulted in heavy woody encroachment. Recent timber harvests and subsequent stump removal (stumping) have resulted in soil disturbances that have reduced the cover of wiregrass and other native non-weedy species. This will likely allow for the establishment of weedy and invasive exotic plants and potentially hinder the spread of fire during prescribed burns.

Plants observed in mesic flatwoods on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Acer rubrum</i>	red maple	
<i>Agalinis</i> sp.	false foxglove	
<i>Albizia lebbbeck</i>	woman's tongue	EPPC Category I
<i>Aletris lutea</i>	yellow colic-root	
<i>Ambrosia artemisiifolia</i>	common ragweed	
<i>Amphicarpum muhlenbergianum</i>	blue maidencane	
<i>Andropogon glomeratus</i>	bushy bluestem	weedy
<i>Andropogon glomeratus</i> var. <i>glaucopsis</i>	purple bluestem	weedy
<i>Andropogon gyrans</i>	Elliott's bluestem	
<i>Andropogon</i> sp.	bluestem	
<i>Andropogon ternarius</i>	splitbeard bluestem	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Andropogon virginicus</i> var. <i>glaucus</i>	chalky bluestem	

<i>Aristida palustris</i>	longleaf threeawn	
<i>Aristida purpurascens</i>	arrowfeather threeawn	
<i>Aristida</i> sp.	threeawn	
<i>Aristida spiciformis</i>	bottlebrush threeawn	
<i>Aristida stricta</i> var. <i>beyrichiana</i>	wiregrass	
<i>Asimina reticulata</i>	netted pawpaw	
<i>Asimina</i> sp.	pawpaw	
<i>Axonopus fissifolius</i>	common carpetgrass	
<i>Axonopus furcatus</i>	big carpetgrass	
<i>Axonopus</i> sp.	carpetgrass	
<i>Baccharis glomeruliflora</i>	silverling	
<i>Baccharis halimifolia</i>	groundsel tree	
<i>Balduina</i> sp.	honeycombhead	
<i>Bejaria racemosa</i>	tarflower	
<i>Bigelovia nudata</i>	pineland rayless goldenrod	
<i>Blechnum serrulatum</i>	toothed midsorus fern	
<i>Bulbostylis ciliatifolia</i>	capillary hairsedge	
<i>Callicarpa americana</i>	American beautyberry	
<i>Calopogon multiflorus</i>	many-flowered grass-pink	G2G3 / S2S3
<i>Carex</i> sp.	sedge	
<i>Carphephorus carnosus</i>	pineland chaffhead	
<i>Carphephorus corymbosus</i>	coastalplain chaffhead	
<i>Carphephorus odoratissimus</i>	vanillaleaf	
<i>Carphephorus paniculatus</i>	hairy chaffhead	
<i>Carphephorus</i> sp.	chaffhead	
<i>Cassytha filiformis</i>	love vine	
<i>Centella asiatica</i>	spadeleaf	
<i>Chaptalia tomentosa</i>	pineland daisy	
<i>Cinnamomum camphora</i>	camphor tree	EPPC Category I
<i>Cirsium horridulum</i>	purple thistle	weedy
<i>Cirsium muttallii</i>	Nuttall's thistle	
<i>Cirsium</i> sp.	thistle	
<i>Cladium jamaicense</i>	sawgrass	
<i>Clematis baldwinii</i>	pine hyacinth	
<i>Conyza canadensis</i>	Canadian horseweed	
<i>Coreopsis floridana</i>	Florida tickseed	
<i>Coreopsis leavenworthii</i>	Leavenworth's tickseed	
<i>Coreopsis</i> sp.	tickseed	
<i>Crotalaria rotundifolia</i>	rabbitbells	

<i>Ctenium aromaticum</i>	toothachegrass	
<i>Cyperus ligularis</i>	swamp flatsedge	
<i>Cyperus</i> sp.	flatsedge	
<i>Dalea carnea</i>	whitetassels	
<i>Dalea pinnata</i>	summer farewell	
<i>Dalea</i> sp.	prairieclover	
<i>Desmodium</i> sp.	ticktrefoil	
<i>Dichanthelium</i> sp.	witchgrass	
<i>Digitaria</i> sp.	crabgrass	
<i>Diodia teres</i>	poor joe	
<i>Diodia virginiana</i>	Virginia buttonweed	
<i>Drosera brevifolia</i>	dwarf sundew	
<i>Drosera</i> sp.	sundew	
<i>Dyschoriste oblongifolia</i>	oblongleaf twinflower	
<i>Elephantopus elatus</i>	tall elephantsfoot	
<i>Elephantopus</i> sp.	elephantsfoot	
<i>Emilia fosbergii</i>	Florida tasselflower	
<i>Eragrostis</i> sp.	fleabane	
<i>Erechtites hieraciifolius</i>	fireweed	weedy
<i>Erigeron quercifolius</i>	oakleaf fleabane	
<i>Erigeron vernus</i>	early whitetop fleabane	
<i>Eriocaulon compressum</i>	flattened pipewort	
<i>Eriocaulon decangulare</i>	tenangle pipewort	
<i>Eriogonum tomentosum</i>	dogtongue wild buckwheat	
<i>Eryngium aromaticum</i>	fragrant eryngo	
<i>Eryngium</i> sp.	eryngo	
<i>Eryngium yuccifolium</i>	button rattlesnakemaster	
<i>Eupatorium capillifolium</i>	dogfennel	weedy
<i>Eupatorium compositifolium</i>	yankeeweed	
<i>Eupatorium mikanioides</i>	semaphore thoroughwort	
<i>Eupatorium mohrii</i>	Mohr's thoroughwort	
<i>Eupatorium</i> sp.	thoroughwort	
<i>Euphorbia</i> sp.	fimbry	
<i>Eustachys glauca</i>	saltmarsh fingergrass	weedy
<i>Eustachys petraea</i>	pinewoods fingergrass	
<i>Eustachys</i> sp.	fingergrass	
<i>Euthamia caroliniana</i>	slender flattop goldenrod	weedy
<i>Fimbristylis</i> sp.		
<i>Flaveria linearis</i>	narrowleaf yellowtops	

<i>Fuirena scirpoidea</i>	southern umbrellasedge	
<i>Fuirena</i> sp.	umbrellasedge	
<i>Galactia elliotii</i>	Elliott's milkpea	
<i>Galactia regularis</i>	eastern milkpea	
<i>Galactia</i> sp.	milkpea	
<i>Gaylussacia dumosa</i>	dwarf huckleberry	
<i>Gaylussacia frondosa</i> var. <i>tomentosa</i>	blue huckleberry	
<i>Gratiola hispida</i>	rough hedgehyssop	
<i>Gratiola</i> sp.	hedgehyssop	
<i>Helianthus radula</i>	stiff sunflower	
<i>Heliotropium polyphyllum</i>	pineland heliotrope	
<i>Houstonia procumbens</i>	roundleaf bluet	
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	EPPC Category I
<i>Hymenocallis palmeri</i>	alligatorlily	
<i>Hypericum cistifolium</i>	roundpod St. John's wort	
<i>Hypericum fasciculatum</i>	peelbark St. John's wort	
<i>Hypericum galioides</i>	bedstraw St. John's wort	
<i>Hypericum gentianoides</i>	orangegrass	
<i>Hypericum hypericoides</i>	St. Andrew's cross	
<i>Hypericum mutilum</i>	dwarf St. John's wort	
<i>Hypericum myrtifolium</i>	myrtleleaf St. John's wort	
<i>Hypericum reductum</i>	Atlantic St. John's wort	
<i>Hypericum</i> sp.	St. John's wort	
<i>Hypericum tetrapetalum</i>	fourpetal St. John's wort	
<i>Hypoxis curtissii</i>	common yellow stargrass	
<i>Hypoxis juncea</i>	fringed yellow stargrass	
<i>Hypoxis</i> sp.	yellow stargrass	
<i>Hyptis alata</i>	clustered bushmint	
<i>Hyptis pectinata</i>	comb bushmint	
<i>Hyptis</i> sp.	bushmint	
<i>Ilex cassine</i>	dahoon	
<i>Ilex coriacea</i>	large gallberry	
<i>Ilex glabra</i>	gallberry	
<i>Ilex</i> sp.	holly	
<i>Imperata cylindrica</i>	cogon grass	EPPC Category I
<i>Juncus megacephalus</i>	bighead rush	
<i>Lachnanthes caroliana</i>	Carolina redroot	
<i>Lachnocaulon anceps</i>	whitehead bogbutton	
<i>Lachnocaulon minus</i>	Small's bogbutton	

<i>Lachnocaulon</i> sp.	bogbutton	
<i>Lantana camara</i>	lantana	EPPC Category I
<i>Lechea pulchella</i>	Leggett's pinweed	
<i>Lechea</i> sp.	pinweed	
<i>Lechea torreyi</i>	Piedmont pinweed	
<i>Lespedeza</i> sp.	lespedeza	
<i>Leucaena leucocephala</i>	lead tree	EPPC Category II
<i>Liatris gracilis</i>	slender gayfeather	
<i>Liatris</i> sp.	gayfeather	
<i>Liatris tenuifolia</i>	shortleaf gayfeather	
<i>Liatris tenuifolia</i> var. <i>quadriflora</i>	shortleaf gayfeather	
<i>Licania michauxii</i>	gopher apple	
<i>Lilium catesbaei</i>	pine lily	Threatened-FL
<i>Lindernia dubia</i>	moistbank pimpernel	
<i>Linum medium</i> var. <i>texanum</i>	stiff yellow flax	
<i>Lobelia paludosa</i>	white lobelia	
<i>Lobelia</i> sp.	lobelia	
<i>Ludwigia maritima</i>	seaside primrosewillow	
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	EPPC Category I
<i>Ludwigia</i> sp.	primrosewillow	
<i>Lygodesmia aphylla</i>	rose rush	
<i>Lygodium microphyllum</i>	old world climbing fern	EPPC Category I
<i>Lyonia ferruginea</i>	rusty staggerbush	
<i>Lyonia fruticosa</i>	coastalplain staggerbush	
<i>Lyonia lucida</i>	fetterbush	
<i>Mecardonia acuminata</i>	axilflower	
<i>Mecardonia acuminata</i> ssp. <i>peninsularis</i>	axilflower	
<i>Melaleuca quinquenervia</i>	melaleuca	EPPC Category I
<i>Melanthera nivea</i>	snow squarestem	
<i>Melochia corchorifolia</i>	chocolateweed	exotic
<i>Melochia</i> sp.	melochia	
<i>Melochia spicata</i>	bretonica peluda	
<i>Mikania cordifolia</i>	Florida Keys hempvine	
<i>Mitreola</i> sp.	hornpod	
<i>Muhlenbergia capillaris</i>	hairawn muhly	
<i>Myrica cerifera</i>	wax myrtle	
<i>Myrica cerifera</i> var. <i>pumila</i>	dwarf wax myrtle	
<i>Oldenlandia uniflora</i>	clustered mille grains	

<i>Opuntia humifusa</i>	pricklypear	
<i>Osmunda cinnamomea</i>	cinnamon fern	
<i>Osmunda regalis</i> var. <i>spectabilis</i>	royal fern	
<i>Panicum anceps</i>	beaked panicum	
<i>Panicum hemitomom</i>	maidencane	
<i>Panicum repens</i>	torpedo grass	EPPC Category I
<i>Panicum</i> sp.	panicgrass	
<i>Panicum virgatum</i>	switchgrass	
<i>Parthenocissus quinquefolia</i>	Virginia creeper	
<i>Paspalum notatum</i>	bahiagrass	exotic
<i>Paspalum setaceum</i>	thin paspalum	
<i>Paspalum</i> sp.	crowngrass	
<i>Persea palustris</i>	swamp bay	
<i>Phlebodium aureum</i>	golden polypody	
<i>Phyla nodiflora</i>	turkey tangle fogfruit	
<i>Physalis</i> sp.	groundcherry	
<i>Physostegia purpurea</i>	eastern false dragon-head	
<i>Piloblephis rigida</i>	wild pennyroyal	
<i>Pinguicula lutea</i>	yellow-flowered butterwort	Threatened-FL
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida slash pine	
<i>Pinus palustris</i>	longleaf pine	
<i>Piriqueta cistoides</i> ssp. <i>caroliniana</i>	pitted stripeseed	
<i>Pityopsis graminifolia</i>	narrowleaf silkgrass	
<i>Pluchea odorata</i>	sweetscent	
<i>Pluchea rosea</i>	rosy camphorweed	
<i>Pluchea</i> sp.	camphorweed	
<i>Polygala baldwinii</i>	Baldwin's milkwort	
<i>Polygala cruciata</i>	drumheads	
<i>Polygala cymosa</i>	tall pinebarren milkwort	
<i>Polygala incarnata</i>	procession flower	
<i>Polygala lutea</i>	orange milkwort	
<i>Polygala nana</i>	candyroot	
<i>Polygala ramosa</i>	low pinebarren milkwort	
<i>Polygala setacea</i>	coastalplain milkwort	
<i>Polygala smallii</i>	tiny polygala	
<i>Polygala</i> sp.	milkwort	
<i>Polygonella gracilis</i>	tall jointweed	
<i>Polygonella polygama</i>	october flower	
<i>Pseudognaphalium</i> sp.	cudweed	

<i>Psidium guajava</i>	guava	EPPC Category I
<i>Pteridium aquilinum</i>	bracken fern	
<i>Pteris vittata</i>	Chinese brake fern	
<i>Pterocaulon pycnostachyum</i>	blackroot	
<i>Pteroglossaspis ecristata</i>	giant orchid	G2G3 / S2
<i>Quercus elliotii</i>	running oak	
<i>Quercus geminata</i>	sand live oak	
<i>Quercus hemisphaerica</i>	laurel oak	
<i>Quercus laurifolia</i>	diamond-leaved oak	
<i>Quercus minima</i>	dwarf live oak	
<i>Quercus myrtifolia</i>	myrtle oak	
<i>Quercus sp.</i>	oak	
<i>Quercus virginiana</i>	live oak	
<i>Rapanea punctata</i>	myrsine	
<i>Rhexia mariana</i>	pale meadowbeauty	
<i>Rhexia nashii</i>	maid marian	
<i>Rhexia nuttallii</i>	Nuttall's meadowbeauty	
<i>Rhus copallinum</i>	winged sumac	
<i>Rhynchelytrum repens</i>	Natal grass	EPPC Category I
<i>Rhynchospora colorata</i>	starrush whitetop	
<i>Rhynchospora inundata</i>	narrowfruit horned beaksedge	
<i>Rhynchospora sp.</i>	beaksedge	
<i>Rhynchospora tracyi</i>	Tracy's beaksedge	
<i>Rudbeckia hirta</i>	blackeyed susan	
<i>Rudbeckia sp.</i>	blackeyed susan	
<i>Ruellia caroliniensis</i>	Carolina wild petunia	
<i>Sabal palmetto</i>	cabbage palm	
<i>Sabatia brevifolia</i>	shortleaf rosegentian	
<i>Sabatia grandiflora</i>	largeflower rosegentian	
<i>Sabatia sp.</i>	rosegentian	
<i>Salix caroliniana</i>	coastalplain willow	
<i>Samolus ebracteatus</i>	water pimpernel	
<i>Sarcostemma clausum</i>	white twinevine	
<i>Schinus terebinthifolius</i>	Brazilian pepper	EPPC Category I
<i>Schizachyrium scoparium</i>	little bluestem	
<i>Schizachyrium sp.</i>	bluestem	
<i>Scleria reticularis</i>	netted nutrush	
<i>Scleria sp.</i>	nutrush	
<i>Scoparia dulcis</i>	licoriceweed	weedy

<i>Senna pendula</i> var. <i>glabrata</i>	valamuerto	EPPC Category I
<i>Serenoa repens</i>	saw palmetto	
<i>Setaria parviflora</i>	knotroot foxtail	
<i>Setaria</i> sp.	foxtail	
<i>Sideroxylon reclinatum</i>	Florida bully	
<i>Sideroxylon</i> sp.	sideroxylon	
<i>Sisyrinchium angustifolium</i>	narrowleaf blue-eyed grass	
<i>Sisyrinchium</i> sp.	blue-eyed grass	
<i>Smilax auriculata</i>	earleaf greenbrier	
<i>Smilax bona-nox</i>	saw greenbrier	
<i>Smilax</i> sp.	greenbrier	
<i>Solanum viarum</i>	tropical soda apple	EPPC Category I
<i>Solidago fistulosa</i>	pinebarren goldenrod	
<i>Solidago odora</i>	sweet goldenrod	
<i>Solidago</i> sp.	goldenrod	
<i>Sorghastrum secundum</i>	lopsided indiagrass	
<i>Spermacoce assurgens</i>	woodland false buttonweed	
<i>Spiranthes praecox</i>	greenvein ladies'-tresses	
<i>Spiranthes</i> sp.	ladies'-tresses	
<i>Spiranthes vernalis</i>	spring ladies'-tresses	
<i>Sporobolus floridanus</i>	Florida dropseed	
<i>Sporobolus indicus</i>	smutgrass	exotic
<i>Sporobolus junceus</i>	pineywoods dropseed	
<i>Sporobolus</i> sp.	dropseed	
<i>Stenotaphrum secundatum</i>	St. Augustine grass	
<i>Stillingia sylvatica</i>	queensdelight	
<i>Symphyotrichum adnatum</i>	scaleleaf aster	
<i>Syngonanthus flavidulus</i>	yellow hatpins	
<i>Syzygium cumini</i>	Java plum	EPPC Category I
<i>Taxodium ascendens</i>	pond cypress	
<i>Thelypteris interrupta</i>	hottentot fern	
<i>Tillandsia fasciculata</i>	common wild-pine	Endangered-FL
<i>Tillandsia recurvata</i>	ballmoss	
<i>Tillandsia setacea</i>	southern needleleaf	
<i>Tillandsia usneoides</i>	Spanish moss	
<i>Tillandsia utriculata</i>	giant air-plant	Endangered-FL
<i>Toxicodendron radicans</i>	eastern poison ivy	
<i>Urena lobata</i>	Caesar's weed	EPPC Category II
<i>Utricularia cornuta</i>	horned bladderwort	

<i>Vaccinium corymbosum</i>	highbush blueberry	
<i>Vaccinium darrowii</i>	Darrow's blueberry	
<i>Vaccinium myrsinites</i>	shiny blueberry	
<i>Viola lanceolata</i>	bog white violet	
<i>Vitis rotundifolia</i>	muscadine	
<i>Woodwardia virginica</i>	Virginia chain fern	
<i>Ximenia americana</i>	hog plum	
<i>Xyris caroliniana</i>	Carolina yelloweyed-grass	
<i>Xyris flabelliformis</i>	savannah yelloweyed-grass	
<i>Xyris</i> sp.	yelloweyed-grass	

Mesic Hammock

Mesic hammocks are closed-canopy forests of temperate hardwood species occurring along wetlands or as islands within wetlands where they are sheltered from fire. Fire is rare, and when mesic hammocks burn they may convert to the community they border. Mesic hammocks occur infrequently throughout Babcock Ranch, bordering depression marshes, basin marshes, strand swamps, or rarely imbedded within strand swamps. In the southernmost portion of Babcock Ranch, mesic hammocks adjoin scrub and scrubby flatwoods.

The canopy is dense and typically dominated by live oak (*Quercus virginiana*) and cabbage palm (*Sabal palmetto*), sometimes with South Florida slash pine (*Pinus elliottii* var. *densa*) and other oaks (*Quercus* spp.). The subcanopy is less dense but consists of a similar suite of species. Shrubs less than six feet tall are often quite dense and are the dominant component of the understory. Primary species include saw palmetto (*Serenoa repens*) and wax myrtle (*Myrica cerifera*). Herbs are relatively sparse and include blue maidencane (*Amphicarpum muhlenbergianum*), toothed midsorus fern (*Blechnum serrulatum*), slender flattop goldenrod (*Euthamia caroliniana*), toothpetal false rein orchid (*Habenaria floribunda*), and clustered bushmint (*Hyptis alata*). Epiphytes are present in most mesic hammocks on Babcock Ranch and include golden polypody (*Phlebodium aureum*), resurrection fern (*Pleopeltis polypodioides* var. *michauxiana*), and air plants (*Tillandsia* spp.).

The major disturbances in mesic hammocks on Babcock Ranch are feral hog digging and infestations of exotic plant species, such as Brazilian pepper (*Schinus terebinthifolius*), cogon grass (*Imperata cylindrica*), Peruvian primrosewillow (*Ludwigia peruviana*), old world climbing fern (*Lygodium microphyllum*), and Caesar's weed (*Urena lobata*).

Plants observed in mesic hammock on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Abrus precatorius</i>	rosary pea	EPPC Category I
<i>Acer rubrum</i>	red maple	
<i>Ampelopsis arborea</i>	peppervine	
<i>Amphicarpum muhlenbergianum</i>	blue maidencane	

<i>Andropogon</i> sp.	bluestem	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Aristida spiciformis</i>	bottlebrush threeawn	
<i>Aristida stricta</i> var. <i>beyrichiana</i>	wiregrass	
<i>Axonopus fissifolius</i>	common carpetgrass	
<i>Axonopus</i> sp.	carpetgrass	
<i>Baccharis glomeruliflora</i>	silverling	
<i>Blechnum serrulatum</i>	toothed midsorus fern	
<i>Callicarpa americana</i>	American beautyberry	
<i>Carex</i> sp.	sedge	
<i>Cassytha filiformis</i>	love vine	
<i>Centella asiatica</i>	spadeleaf	
<i>Cladium jamaicense</i>	sawgrass	
<i>Conoclinium coelestinum</i>	blue mistflower	
<i>Coreopsis</i> sp.	tickseed	
<i>Cyperus</i> sp.	flatsedge	
<i>Dichanthelium commutatum</i>	variable witchgrass	
<i>Dichanthelium</i> sp.	witchgrass	
<i>Dicliptera sexangularis</i>	sixangle foldwing	
<i>Digitaria</i> sp.	crabgrass	
<i>Encyclia tampensis</i>	Florida butterfly orchid	
<i>Eupatorium capillifolium</i>	dogfennel	weedy
<i>Eupatorium compositifolium</i>	yankeeweed	
<i>Eustachys</i> sp.	fingergrass	
<i>Euthamia caroliniana</i>	slender flattop goldenrod	weedy
<i>Ficus aurea</i>	strangler fig	
<i>Habenaria floribunda</i>	toothpetal false rein orchid	
<i>Hypericum</i> sp.	St. John's wort	
<i>Hyptis alata</i>	clustered bushmint	
<i>Ilex cassine</i>	dahoon	
<i>Ilex glabra</i>	gallberry	
<i>Imperata cylindrica</i>	cogon grass	EPPC Category I
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	EPPC Category I
<i>Lygodium microphyllum</i>	old world climbing fern	EPPC Category I
<i>Lyonia ferruginea</i>	rusty staggerbush	
<i>Lyonia fruticosa</i>	coastalplain staggerbush	
<i>Lyonia lucida</i>	fetterbush	
<i>Melaleuca quinquenervia</i>	melaleuca	EPPC Category I
<i>Morus rubra</i>	red mulberry	

<i>Myrcianthes fragrans</i>	Simpson's stopper	Threatened-FL
<i>Myrica cerifera</i>	wax myrtle	
<i>Nephrolepis cordifolia</i>	sword fern	EPPC Category I
<i>Oeceoclades maculata</i>	monk orchid	
<i>Oplismenus hirtellus</i>	woodsgrass	
<i>Panicum anceps</i>	beaked panicum	
<i>Panicum hemitomom</i>	maidencane	
<i>Parthenocissus quinquefolia</i>	Virginia creeper	
<i>Persea borbonia</i>	red bay	
<i>Persea palustris</i>	swamp bay	
<i>Phlebodium aureum</i>	golden polypody	
<i>Piloblephis rigida</i>	wild pennyroyal	
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida slash pine	
<i>Pleopeltis polypodioides</i> var. <i>michauxiana</i>	resurrection fern	
<i>Psidium guajava</i>	guava	EPPC Category I
<i>Psilotum nudum</i>	whisk fern	
<i>Psychotria nervosa</i>	wild coffee	
<i>Psychotria sulzneri</i>	shortleaf wild coffee	
<i>Pteridium aquilinum</i>	bracken fern	
<i>Quercus geminata</i>	sand live oak	
<i>Quercus hemisphaerica</i>	laurel oak	
<i>Quercus laurifolia</i>	diamond-leaved oak	
<i>Quercus minima</i>	dwarf live oak	
<i>Quercus virginiana</i>	live oak	
<i>Rapanea punctata</i>	myrsine	
<i>Rhynchospora colorata</i>	starrush whitetop	
<i>Rhynchospora</i> sp.	beaksedge	
<i>Sabal palmetto</i>	cabbage palm	
<i>Samolus valerandi</i> ssp. <i>parviflorus</i>	pineland pimpernel	
<i>Schinus terebinthifolius</i>	Brazilian pepper	EPPC Category I
<i>Schoepfia chrysophylloides</i>	graytwig	
<i>Serenoa repens</i>	saw palmetto	
<i>Smilax auriculata</i>	earleaf greenbrier	
<i>Smilax bona-nox</i>	saw greenbrier	
<i>Syngonanthus flavidulus</i>	yellow hatpins	
<i>Taxodium ascendens</i>	pond cypress	
<i>Thelypteris kunthii</i>	southern shield fern	
<i>Thelypteris</i> sp.	maiden fern	

<i>Tillandsia balbisiana</i>	northern needleleaf	Threatened-FL
<i>Tillandsia fasciculata</i>	common wild-pine	Endangered-FL
<i>Tillandsia setacea</i>	southern needleleaf	
<i>Tillandsia usneoides</i>	Spanish moss	
<i>Tillandsia utriculata</i>	giant air-plant	Endangered-FL
<i>Toxicodendron radicans</i>	eastern poison ivy	
<i>Ulmus americana</i>	American elm	
<i>Urena lobata</i>	Caesar's weed	EPPC Category II
<i>Viburnum obovatum</i>	small-leaf viburnum	
<i>Vicia</i> sp.	vetch	
<i>Viola</i> sp.	violet	
<i>Vitis rotundifolia</i>	muscadine	
<i>Vitis shuttleworthii</i>	calloose grape	
<i>Vittaria lineata</i>	shoestring fern	
<i>Ximenia americana</i>	hog plum	
<i>Youngia japonica</i>	Oriental false hawksbeard	exotic

Pasture – Improved

Improved pasture is an anthropogenic vegetation type dominated by range grasses planted for the purpose of grazing livestock. Improved pastures may have been former row crop fields or natural communities. There may be a few scattered canopy trees including South Florida slash pine (*Pinus elliottii* var. *densa*) and live oak (*Quercus virginiana*), particularly on the edges of the pastures. Shrubs are typically sparse and primarily include wax myrtle (*Myrica cerifera*), Brazilian pepper (*Schinus terebinthifolius*), and saw palmetto (*Serenoa repens*). Herbaceous cover is usually dominated by Bahiagrass (*Paspalum notatum*). Several weedy species are often present; these include dogfennel (*Eupatorium capillifolium*), slender flattop goldenrod (*Euthamia caroliniana*) turkey tangle fogfruit (*Phyla nodiflora*), smutgrass (*Sporobolus indicus*), and broomsedge bluestem (*Andropogon virginicus*). The invasive exotics Caesar's weed (*Urena lobata*) and tropical soda apple (*Solanum viarum*) are frequently present, particularly under occasional trees or along the pasture edges.

Plants observed in pasture – improved on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Aeschynomene americana</i>	shyleaf	
<i>Amaranthus spinosus</i>	spiny amaranth	
<i>Andropogon glomeratus</i>	bushy bluestem	weedy
<i>Andropogon</i> sp.	bluestem	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Andropogon virginicus</i> var. <i>glaucus</i>	chalky bluestem	
<i>Asimina reticulata</i>	netted pawpaw	

<i>Axonopus furcatus</i>	big carpetgrass	
<i>Baccharis halimifolia</i>	groundsel tree	
<i>Buchnera americana</i>	American bluehearts	
<i>Carex</i> sp.	sedge	
<i>Carphephorus corymbosus</i>	coastalplain chaffhead	
<i>Centella asiatica</i>	spadeleaf	
<i>Cirsium nuttallii</i>	Nuttall's thistle	
<i>Cynodon dactylon</i>	Bermudagrass	
<i>Cyperus esculentus</i>	yellow nutgrass	
<i>Cyperus</i> sp.	flatsedge	
<i>Desmodium incanum</i>	zarzabacoa comun	
<i>Desmodium</i> sp.	ticktrefoil	
<i>Dichanthelium</i> sp.	witchgrass	
<i>Diodia virginiana</i>	Virginia buttonweed	
<i>Erechtites hieraciifolius</i>	fireweed	weedy
<i>Eupatorium capillifolium</i>	dogfennel	weedy
<i>Eupatorium compositifolium</i>	yankeeweed	
<i>Euthamia caroliniana</i>	slender flattop goldenrod	weedy
<i>Galactia</i> sp.	milkpea	
<i>Hemarthria altissima</i>	limpograss	
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	EPPC Category I
<i>Hypericum myrtifolium</i>	myrtleleaf St. John's wort	
<i>Imperata cylindrica</i>	cogon grass	EPPC Category I
<i>Indigofera hirsuta</i>	hairy indigo	
<i>Lachnocaulon</i> sp.	bogbutton	
<i>Linaria canadensis</i>	Canadian toadflax	
<i>Ludwigia arcuata</i>	Piedmont primrosewillow	
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	EPPC Category I
<i>Ludwigia</i> sp.	primrosewillow	
<i>Lygodium microphyllum</i>	old world climbing fern	EPPC Category I
<i>Melochia corchorifolia</i>	chocolateweed	exotic
<i>Melochia spicata</i>	bretonica peluda	
<i>Mikania scandens</i>	climbing hempvine	
<i>Myrica cerifera</i>	wax myrtle	
<i>Panicum repens</i>	torpedo grass	EPPC Category I
<i>Paspalum notatum</i>	bahiagrass	exotic
<i>Paspalum setaceum</i>	thin paspalum	
<i>Paspalum</i> sp.	crowngrass	
<i>Paspalum urvillei</i>	vaseygrass	exotic

<i>Phyla nodiflora</i>	turkey tangle fogfruit	
<i>Phytolacca americana</i>	American pokeweed	
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida slash pine	
<i>Pinus palustris</i>	longleaf pine	
<i>Pistia stratiotes</i>	water-lettuce	EPPC Category I
<i>Plantago virginica</i>	Virginia plantain	
<i>Pluchea rosea</i>	rosy camphorweed	
<i>Polygonum punctatum</i>	dotted smartweed	
<i>Polygonum</i> sp.	smartweed	
<i>Psidium guajava</i>	guava	EPPC Category I
<i>Pterocaulon pycnostachyum</i>	blackroot	
<i>Pteroglossaspis ecristata</i>	giant orchid	
<i>Quercus laurifolia</i>	diamond-leaved oak	
<i>Quercus virginiana</i>	live oak	
<i>Sabal palmetto</i>	cabbage palm	
<i>Schinus terebinthifolius</i>	Brazilian pepper	EPPC Category I
<i>Scleria</i> sp.	nutrush	
<i>Scoparia dulcis</i>	licoriceweed	weedy
<i>Serenoa repens</i>	saw palmetto	
<i>Sesbania herbacea</i>	danglepod	weedy
<i>Setaria</i> sp.	foxtail	
<i>Solanum viarum</i>	tropical soda apple	EPPC Category I
<i>Solidago</i> sp.	goldenrod	
<i>Sporobolus indicus</i>	smutgrass	exotic
<i>Sporobolus</i> sp.	dropseed	
<i>Stenotaphrum secundatum</i>	St. Augustine grass	
<i>Urena lobata</i>	Caesar's weed	EPPC Category II
<i>Vitis rotundifolia</i>	muscadine	

Pasture – Semi-Improved

Areas mapped as semi-improved pasture have been modified by chopping, pasture grass seeding, and grazing, but retain some characteristics of a natural community. On Babcock Ranch, most of the semi-improved pasture occurs in areas that were historically mesic flatwoods, and share some attributes with mesic flatwoods. Canopy and subcanopy cover is sparse, if present at all, and consists of South Florida slash pine (*Pinus elliottii* var. *densa*). Tall shrubs are common and are generally species that invade flatwoods because of fire exclusion. These include laurel oak (*Quercus hemisphaerica*), groundsel tree (*Baccharis halimifolia*), cabbage palm (*Sabal palmetto*), and the invasive exotic, Brazilian pepper (*Schinus terebinthifolius*). Short shrubs are moderately dense to sparse and include saw palmetto (*Serenoa repens*), gallberry (*Ilex glabra*), coastalplain staggerbush (*Lyonia fruticosa*), wax myrtle (*Myrica cerifera*), and American

beautyberry (*Callicarpa americana*). Bahiagrass (*Paspalum notatum*) is usually the dominant in the herbaceous layer, occurring in open areas within the shrubs. Other common grasses are tropical carpetgrass (*Axonopus compressus*), and blue maidencane (*Amphicarpum muhlenbergianum*). Wiregrass (*Aristida stricta*) is uncommon in most of the semi-improved pastures. Common weeds include dogfennel (*Eupatorium capillifolium*), slender flattop goldenrod (*Euthamia caroliniana*), smutgrass (*Sporobolus indicus*), licoriceweed (*Scoparia dulcis*), and broomsedge bluestem (*Andropogon virginicus*). Common invasive exotic herbs include torpedo grass (*Panicum repens*), tropical soda apple (*Solanum viarum*), and Caesar's weed (*Urena lobata*).

Plants observed in pasture - semi-improved on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Acer rubrum</i>	red maple	
<i>Acmella oppositifolia</i> var. <i>repens</i>	oppositeleaf spotflower	
<i>Aeschynomene americana</i>	shyleaf	
<i>Ampelopsis arborea</i>	peppervine	
<i>Amphicarpum muhlenbergianum</i>	blue maidencane	
<i>Andropogon glomeratus</i>	bushy bluestem	weedy
<i>Andropogon</i> sp.	bluestem	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Aristida spiciformis</i>	bottlebrush threeawn	
<i>Aristida stricta</i> var. <i>beyrichiana</i>	wiregrass	
<i>Asimina reticulata</i>	netted pawpaw	
<i>Asimina</i> sp.	pawpaw	
<i>Axonopus compressus</i>	tropical carpetgrass	
<i>Axonopus fissifolius</i>	common carpetgrass	
<i>Axonopus furcatus</i>	big carpetgrass	
<i>Axonopus</i> sp.	carpetgrass	
<i>Baccharis glomeruliflora</i>	silverling	
<i>Baccharis halimifolia</i>	groundsel tree	
<i>Bacopa monnieri</i>	herb-of-grace	
<i>Callicarpa americana</i>	American beautyberry	
<i>Carphephorus corymbosus</i>	coastalplain chaffhead	
<i>Centella asiatica</i>	spadeleaf	
<i>Cephalanthus occidentalis</i>	common buttonbush	
<i>Cirsium horridulum</i>	purple thistle	
<i>Cirsium muttallii</i>	Nuttall's thistle	
<i>Cirsium</i> sp.	thistle	
<i>Cynodon dactylon</i>	Bermudagrass	
<i>Cyperus</i> sp.	flatsedge	
<i>Dichanthelium</i> sp.	witchgrass	

<i>Digitaria serotina</i>	blanket crabgrass	
<i>Diodia virginiana</i>	Virginia buttonweed	
<i>Eleocharis</i> sp.	spikerush	
<i>Elephantopus elatus</i>	tall elephantsfoot	
<i>Erechtites hieraciifolius</i>	fireweed	weedy
<i>Erigeron</i> sp.	fleabane	
<i>Eupatorium capillifolium</i>	dogfennel	weedy
<i>Eupatorium mohrii</i>	Mohr's thoroughwort	
<i>Euthamia caroliniana</i>	slender flattop goldenrod	weedy
<i>Euthamia graminifolia</i> var. <i>hirtipes</i>	flattop goldenrod	
<i>Fimbristylis puberula</i>	hairy fimbry	
<i>Fraxinus caroliniana</i>	Carolina ash	
<i>Fuirena scirpoidea</i>	southern umbrellasedge	
<i>Gratiola pilosa</i>	shaggy hedgehyssop	
<i>Hemarthria altissima</i>	limpograss	
<i>Hydrocotyle</i> sp.	marshpennywort	
<i>Hydrocotyle umbellata</i>	manyflower marshpennywort	
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	
<i>Hymenocallis palmeri</i>	alligatorlily	
<i>Hypericum reductum</i>	Atlantic St. John's wort	
<i>Hyptis alata</i>	clustered bushmint	
<i>Ilex cassine</i>	dahoon	
<i>Ilex glabra</i>	gallberry	
<i>Imperata cylindrica</i>	cogon grass	EPPC Category I
<i>Iris hexagona</i>	prairie iris	
<i>Lachnanthes caroliniana</i>	Carolina redroot	
<i>Lantana camara</i>	lantana	EPPC Category I
<i>Linaria canadensis</i>	Canadian toadflax	
<i>Ludwigia arcuata</i>	Piedmont primrosewillow	
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	EPPC Category I
<i>Ludwigia</i> sp.	primrosewillow	
<i>Lygodium microphyllum</i>	old world climbing fern	EPPC Category I
<i>Lyonia fruticosa</i>	coastalplain staggerbush	
<i>Melaleuca quinquenervia</i>	melaleuca	EPPC Category I
<i>Melochia corchorifolia</i>	chocolateweed	exotic
<i>Melochia</i> sp.	melochia	
<i>Melochia spicata</i>	bretonica peluda	
<i>Melothria pendula</i>	creeping cucumber	
<i>Mikania scandens</i>	climbing hempvine	

<i>Murdannia nudiflora</i>	nakedstem dewflower	
<i>Murdannia spirata</i> var. <i>parviflora</i>	Asiatic dewflower	
<i>Myrica cerifera</i>	wax myrtle	
<i>Panicum anceps</i>	beaked panicum	
<i>Panicum hemitomom</i>	maidencane	
<i>Panicum repens</i>	torpedo grass	EPPC Category I
<i>Panicum</i> sp.	panicgrass	
<i>Paspalidium geminatum</i>	Egyptian paspalidium	
<i>Paspalum notatum</i>	bahiagrass	exotic
<i>Paspalum</i> sp.	crowngrass	
<i>Phlebodium aureum</i>	golden polypody	
<i>Phyla nodiflora</i>	turkey tangle fogfruit	
<i>Phytolacca americana</i>	American pokeweed	
<i>Piloblephis rigida</i>	wild pennyroyal	
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida slash pine	
<i>Pinus palustris</i>	longleaf pine	
<i>Pluchea rosea</i>	rosy camphorweed	
<i>Pluchea</i> sp.	camphorweed	
<i>Polygala baldunii</i>	Baldwin's milkwort	
<i>Polygonella gracilis</i>	tall jointweed	
<i>Polygonum punctatum</i>	dotted smartweed	
<i>Polypremum procumbens</i>	rustweed	
<i>Pontederia cordata</i>	pickerelweed	
<i>Proserpinaca pectinata</i>	combleaf mermaidweed	
<i>Psidium guajava</i>	guava	EPPC Category I
<i>Pterocaulon pycnostachyum</i>	blackroot	
<i>Ptilimnium capillaceum</i>	mock bishopsweed	
<i>Quercus elliottii</i>	running oak	
<i>Quercus geminata</i>	sand live oak	
<i>Quercus hemisphaerica</i>	laurel oak	
<i>Quercus laurifolia</i>	diamond-leaved oak	
<i>Quercus minima</i>	dwarf live oak	
<i>Quercus virginiana</i>	live oak	
<i>Rapanea punctata</i>	myrsine	
<i>Rhynchelytrum repens</i>	Natal grass	EPPC Category I
<i>Rhynchospora colorata</i>	starrush whitetop	
<i>Rhynchospora fascicularis</i>	fascicled beaksedge	
<i>Rhynchospora inundata</i>	narrowfruit horned beaksedge	
<i>Rhynchospora</i> sp.	beaksedge	

<i>Sabal palmetto</i>	cabbage palm	
<i>Sacciolepis striata</i>	American cupscale	
<i>Sagittaria lancifolia</i>	bulltongue arrowhead	
<i>Sapium sebiferum</i>	Chinese tallow	EPPC Category I
<i>Sarcostemma clausum</i>	white twinevine	
<i>Schinus terebinthifolius</i>	Brazilian pepper	EPPC Category I
<i>Scleria verticillata</i>	low nutrush	
<i>Scoparia dulcis</i>	licoriceweed	weedy
<i>Serenoa repens</i>	saw palmetto	
<i>Sesbania herbacea</i>	danglepod	weedy
<i>Sesbania</i> sp.	riverhemp	
<i>Setaria parviflora</i>	knotroot foxtail	
<i>Sisyrinchium angustifolium</i>	narrowleaf blue-eyed grass	
<i>Smilax auriculata</i>	earleaf greenbrier	
<i>Smilax bona-nox</i>	saw greenbrier	
<i>Solanum viarum</i>	tropical soda apple	EPPC Category I
<i>Solidago odora</i>	sweet goldenrod	
<i>Sporobolus indicus</i>	smutgrass	exotic
<i>Stillingia sylvatica</i>	queensdelight	
<i>Taxodium ascendens</i>	pond cypress	
<i>Teucrium canadense</i>	Canadian germander	
<i>Tillandsia fasciculata</i>	common wild-pine	Endangered-FL
<i>Tillandsia recurvata</i>	ballmoss	
<i>Tillandsia setacea</i>	southern needleleaf	
<i>Tillandsia usneoides</i>	Spanish moss	
<i>Toxicodendron radicans</i>	eastern poison ivy	
<i>Typha latifolia</i>	broadleaf cattail	
<i>Urena lobata</i>	Caesar's weed	EPPC Category II
<i>Urochloa mutica</i>	para grass	EPPC Category I
<i>Vaccinium</i> sp.	blueberry	
<i>Vitis rotundifolia</i>	muscadine	
<i>Xyris</i> sp.	yelloweyed-grass	

Pine Plantation

Pine plantations are typically dense, monospecific stands of planted pine trees. Pine plantations may retain some characteristics of the original natural communities. Pine plantations are uncommon on Babcock Ranch, and range from fewer than 10 acres to more than 240 acres in size. These are in areas that were historically mesic flatwoods, dry prairie, or wet flatwoods. Canopy cover in older age stands is denser than in younger stands. Areas with newly or recently

planted pines but minimal ground disturbance and minimal shading are generally not considered pine plantations, and may be mapped as mesic flatwoods or other natural community types.

Canopy species in pine plantations at Babcock Ranch Preserve consist of South Florida slash pine (*Pinus elliottii* var. *densa*), slash pine (*Pinus elliottii*) and in a few locations longleaf pine (*Pinus palustris*). South Florida slash pine is also present as a subcanopy tree. Shrubs are variable in terms of height and density and include netted pawpaw (*Asimina reticulata*), wax myrtle (*Myrica cerifera*), running oak (*Quercus elliottii*), St. John's worts (*Hypericum* spp.), and saw palmetto (*Serenoa repens*). The herbaceous layer includes blue maidencane (*Amphicarpum muhlenbergianum*), bottlebrush threeawn (*Aristida spiciformis*), wiregrass (*Aristida stricta* var. *beyrichiana*), dogfennel (*Eupatorium capillifolium*), Mohr's thoroughwort (*Eupatorium mohrii*), slender flattop goldenrod (*Euthamia caroliniana*), and bluejoint panicum (*Panicum tenerum*). Thinning and burning may help to promote and restore the groundcover layers. Exotic species found in pine plantations on Babcock Ranch include cogon grass (*Imperata cylindrica*), Peruvian primrosewillow (*Ludwigia peruviana*), melaleuca (*Melaleuca quinquenervia*), and Caesar weed (*Urena lobata*).

Plants observed in pine plantation on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Amphicarpum muhlenbergianum</i>	blue maidencane	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Aristida spiciformis</i>	bottlebrush threeawn	
<i>Aristida stricta</i> var. <i>beyrichiana</i>	wiregrass	
<i>Asimina reticulata</i>	netted pawpaw	
<i>Baccharis halimifolia</i>	groundsel tree	
<i>Blechnum serrulatum</i>	toothed midsorus fern	
<i>Carphephorus carnosus</i>	pineland chaffhead	
<i>Centella asiatica</i>	spadeleaf	
<i>Chaptalia tomentosa</i>	pineland daisy	
<i>Cirsium</i> sp.	thistle	
<i>Coreopsis leavenworthii</i>	Leavenworth's tickseed	
<i>Coreopsis</i> sp.	tickseed	
<i>Ctenium aromaticum</i>	toothachegrass	
<i>Cyperus</i> sp.	flatsedge	
<i>Dichanthelium</i> sp.	witchgrass	
<i>Drosera</i> sp.	sundew	
<i>Eryngium yuccifolium</i>	button rattlesnakemaster	
<i>Eupatorium capillifolium</i>	dogfennel	weedy
<i>Eupatorium mohrii</i>	Mohr's thoroughwort	
<i>Eustachys</i> sp.	fingergrass	
<i>Euthamia caroliniana</i>	slender flattop goldenrod	weedy
<i>Heliotropium polyphyllum</i>	pineland heliotrope	

<i>Hypericum fasciculatum</i>	peelbark St. John's wort	
<i>Hypericum reductum</i>	Atlantic St. John's wort	
<i>Hypericum</i> sp.	St. John's wort	
<i>Hypericum tetrapetalum</i>	fourpetal St. John's wort	
<i>Hyptis alata</i>	clustered bushmint	
<i>Ilex glabra</i>	gallberry	
<i>Imperata cylindrica</i>	cogon grass	EPPC Category I
<i>Lachnocaulon minus</i>	Small's bogbutton	
<i>Leucaena leucocephala</i>	lead tree	EPPC Category II
<i>Licania michauxii</i>	gopher apple	
<i>Ludwigia arcuata</i>	Piedmont primrosewillow	
<i>Ludwigia maritima</i>	seaside primrosewillow	
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	EPPC Category I
<i>Lyonia fruticosa</i>	coastalplain staggerbush	
<i>Melaleuca quinquenervia</i>	melaleuca	EPPC Category I
<i>Melochia corchorifolia</i>	chocolateweed	exotic
<i>Myrica cerifera</i>	wax myrtle	
<i>Myrica cerifera</i> var. <i>pumila</i>	dwarf wax myrtle	
<i>Oxypolis filiformis</i>	water cowbane	
<i>Panicum anceps</i>	beaked panicum	
<i>Panicum</i> sp.	panicgrass	
<i>Panicum tenerum</i>	bluejoint panicum	
<i>Paspalum notatum</i>	bahiagrass	exotic
<i>Paspalum</i> sp.	crowngrass	
<i>Piloblephis rigida</i>	wild pennyroyal	
<i>Pinus elliottii</i>	slash pine	
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida slash pine	
<i>Pinus palustris</i>	longleaf pine	
<i>Pityopsis graminifolia</i>	narrowleaf silkgrass	
<i>Pluchea rosea</i>	rosy camphorweed	
<i>Proserpinaca pectinata</i>	combleaf mermaidweed	
<i>Pterocaulon pycnostachyum</i>	blackroot	
<i>Quercus elliottii</i>	running oak	
<i>Quercus minima</i>	dwarf live oak	
<i>Quercus virginiana</i>	live oak	
<i>Rhynchospora</i> sp.	beaksedge	
<i>Sabal palmetto</i>	cabbage palm	
<i>Sarcostemma clausum</i>	white twinevine	
<i>Scoparia dulcis</i>	licoriceweed	weedy

<i>Serenoa repens</i>	saw palmetto	
<i>Setaria parviflora</i>	knotroot foxtail	
<i>Sorghastrum secundum</i>	lopsided indiagrass	
<i>Stillingia aquatica</i>	water toothleaf	
<i>Stillingia sylvatica</i>	queensdelight	
<i>Syngonanthus flavidulus</i>	yellow hatpins	
<i>Urena lobata</i>	Caesar's weed	EPPC Category II
<i>Vaccinium myrsinites</i>	shiny blueberry	
<i>Viola lanceolata</i>	bog white violet	
<i>Xyris</i> sp.	yelloweyed-grass	

Ruderal

Ruderal sites are areas where vegetation been disturbed by humans to the extent that it is no longer recognizable as a natural community. Several ruderal types occur on Babcock Ranch, including abandoned fields and pastures, agricultural fields, clearings, canals and ditches, developed areas with buildings, exotic species monocultures, impoundments and artificial ponds, roads, parking lots, utility corridors, and wildlife food plots.

The largest ruderal sites on Babcock Ranch are agricultural fields and pastures. Some of these are actively cultivated with commercial agricultural crops. Other ruderal areas are dominated by weedy herbaceous species such as broomsedge bluestem (*Andropogon virginicus*), dogfennel (*Eupatorium capillifolium*), slender flattop goldenrod (*Euthamia caroliniana*), and exotic pasture forages such as Bahia grass (*Paspalum notatum*). Where present, canopy and sub-canopy trees include South Florida slash pine (*Pinus elliottii* var. *densa*), longleaf pine (*Pinus palustris*), live oak (*Quercus virginiana*), cabbage palm (*Sabal palmetto*), and pond cypress (*Taxodium ascendens*). Typical shrubs are red maple (*Acer rubrum*), groundsel tree (*Baccharis halimifolia*), wax myrtle (*Myrica cerifera*), and saw palmetto (*Serenoa repens*).

Invasive exotic plants are common in ruderal areas and often serve as seed sources for new occurrences of these species in natural areas. Exotic plants often dominate the edges of canals, ditches and fields. Some frequently encountered species include Brazilian pepper (*Schinus terebinthifolius*), Caesar weed (*Urena lobata*), cogon grass (*Imperata cylindrica*), torpedo grass (*Panicum repens*), melaleuca (*Melaleuca quinquenervia*), Peruvian primrosewillow (*Ludwigia peruviana*), Natal grass (*Rhynchelytrum repens*), and tropical soda apple (*Solanum viarum*).

Plants observed in ruderal areas on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Abrus precatorius</i>	rosary pea	EPPC Category I
<i>Acer rubrum</i>	red maple	
<i>Albizia lebbbeck</i>	woman's tongue	EPPC Category I
<i>Alternanthera philoxeroides</i>	alligator weed	EPPC Category II
<i>Ambrosia artemisiifolia</i>	common ragweed	

<i>Amphicarpum muhlenbergianum</i>	blue maidencane	
<i>Andropogon glomeratus</i>	bushy bluestem	weedy
<i>Andropogon</i> sp.	bluestem	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Andropogon virginicus</i> var. <i>glaucus</i>	chalky bluestem	
<i>Aristida stricta</i> var. <i>beyrichiana</i>	wiregrass	
<i>Axonopus furcatus</i>	big carpetgrass	
<i>Axonopus</i> sp.	carpetgrass	
<i>Baccharis halimifolia</i>	groundsel tree	
<i>Bacopa caroliniana</i>	lemon bacopa	
<i>Bacopa monnieri</i>	herb-of-grace	
<i>Blechnum serrulatum</i>	toothed midsorus fern	
<i>Buchnera americana</i>	American bluehearts	
<i>Carex gigantea</i>	giant sedge	
<i>Carex</i> sp.	sedge	
<i>Centella asiatica</i>	spadeleaf	
<i>Cirsium horridulum</i>	purple thistle	weedy
<i>Cirsium</i> sp.	thistle	
<i>Commelina</i> sp.	dayflower	
<i>Conyza canadensis</i>	Canadian horseweed	
<i>Coreopsis floridana</i>	Florida tickseed	
<i>Coreopsis</i> sp.	tickseed	
<i>Crotalaria</i> sp.	rattlebox	
<i>Cupaniopsis anacardioides</i>	carrotwood	EPPC Category I
<i>Cuphea</i> sp.	waxweed	
<i>Cynodon dactylon</i>	Bermudagrass	
<i>Cyperus</i> sp.	flatsedge	
<i>Dichanthelium</i> sp.	witchgrass	
<i>Digitaria</i> sp.	crabgrass	
<i>Diodia teres</i>	poor joe	
<i>Diodia virginiana</i>	Virginia buttonweed	
<i>Eichhornia crassipes</i>	water hyacinth	EPPC Category I
<i>Eleocharis cellulosa</i>	Gulf Coast spikerush	
<i>Eragrostis</i> sp.	lovegrass	
<i>Erechtites hieraciifolius</i>	fireweed	weedy
<i>Eriocaulon decangulare</i>	tenangle pipewort	
<i>Eryngium</i> sp.	eryngo	
<i>Eucalyptus grandis</i>	grand eucalyptus	exotic
<i>Eupatorium capillifolium</i>	dogfennel	weedy

<i>Eupatorium compositifolium</i>	yankeeweed	
<i>Euthamia caroliniana</i>	slender flattop goldenrod	weedy
<i>Euthamia</i> sp.	flattop goldenrod	
<i>Fuirena scirpoidea</i>	southern umbrellasedge	
<i>Galium</i> sp.	bedstraw	
<i>Gratiola</i> sp.	hedgelyssop	
<i>Habenaria floribunda</i>	toothpetal false rein orchid	
<i>Helianthus floridanus</i>	Florida sunflower	
<i>Heliotropium polyphyllum</i>	pineland heliotrope	
<i>Hibiscus grandiflorus</i>	swamp rosemallow	
<i>Hydrilla verticillata</i>	hydrilla	EPPC Category I
<i>Hydrocotyle</i> sp.	marshpennywort	
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	
<i>Hymenocallis</i> sp.	spiderlily	
<i>Hypericum cistifolium</i>	roundpod St. John's wort	
<i>Hypericum fasciculatum</i>	peelbark St. John's wort	
<i>Hypericum hypericoides</i>	St. Andrew's cross	
<i>Hyptis alata</i>	clustered bushmint	
<i>Hyptis verticillata</i>	John Charles	
<i>Ilex glabra</i>	gallberry	
<i>Imperata cylindrica</i>	cogon grass	EPPC Category I
<i>Indigofera hirsuta</i>	hairy indigo	
<i>Iris hexagona</i>	prairie iris	
<i>Iris</i> sp.	iris	
<i>Juncus</i> sp.	rush	
<i>Lachnanthes caroliniana</i>	Carolina redroot	
<i>Landoltia punctata</i>	dotted duckweed	
<i>Lantana camara</i>	lantana	EPPC Category I
<i>Leucaena leucocephala</i>	lead tree	EPPC Category II
<i>Licania michauxii</i>	gopher apple	
<i>Lindernia crustacea</i>	Malaysian false pimpernel	exotic
<i>Linum</i> sp.	flax	
<i>Ludwigia arcuata</i>	Piedmont primrosewillow	
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	EPPC Category I
<i>Ludwigia repens</i>	creeping primrosewillow	
<i>Ludwigia</i> sp.	primrosewillow	
<i>Lygodium microphyllum</i>	old world climbing fern	EPPC Category I
<i>Lyonia fruticosa</i>	coastalplain staggerbush	
<i>Lythrum alatum</i>	winged loosestrife	

<i>Mecardonia acuminata</i>	axilflower	
<i>Melaleuca quinquenervia</i>	melaleuca	EPPC Category I
<i>Melia azedarach</i>	Chinaberry	EPPC Category II
<i>Melochia corchorifolia</i>	chocolateweed	exotic
<i>Melochia</i> sp.	melochia	
<i>Melochia spicata</i>	bretonica peluda	
<i>Mikania cordifolia</i>	Florida Keys hempvine	
<i>Mikania scandens</i>	climbing hempvine	
<i>Muhlenbergia capillaris</i>	hairawn muhly	
<i>Myrica cerifera</i>	wax myrtle	
<i>Nephrolepis cordifolia</i>	sword fern	
<i>Neyraudia reynaudiana</i>	Burma reed	EPPC Category I
<i>Nuphar advena</i>	yellow pondlily	
<i>Nymphoides aquatica</i>	big floatingheart	
<i>Oxypolis filiformis</i>	water cowbane	
<i>Panicum hemitomon</i>	maidencane	
<i>Panicum repens</i>	torpedo grass	EPPC Category I
<i>Panicum</i> sp.	panicgrass	
<i>Parthenocissus quinquefolia</i>	Virginia creeper	
<i>Paspalum dilatatum</i>	dallisgrass	
<i>Paspalum notatum</i>	bahiagrass	exotic
<i>Paspalum setaceum</i>	thin paspalum	
<i>Paspalum</i> sp.	crowngrass	
<i>Persea palustris</i>	swamp bay	
<i>Phlebodium aureum</i>	golden polypody	
<i>Phyla nodiflora</i>	turkey tangle fogfruit	
<i>Physalis</i> sp.	groundcherry	
<i>Phytolacca americana</i>	American pokeweed	
<i>Piloblephis rigida</i>	wild pennyroyal	
<i>Pinus elliotii</i> var. <i>densa</i>	South Florida slash pine	
<i>Pinus palustris</i>	longleaf pine	
<i>Pistia stratiotes</i>	water-lettuce	EPPC Category I
<i>Pluchea rosea</i>	rosy camphorweed	
<i>Polygonum hydropiperoides</i>	swamp smartweed	
<i>Polygonum</i> sp.	smartweed	
<i>Polypremum procumbens</i>	rustweed	
<i>Pontederia cordata</i>	pickerelweed	
<i>Pseudognaphalium</i> sp.	cudweed	
<i>Psidium guajava</i>	guava	EPPC Category I

<i>Pteris vittata</i>	Chinese brake fern	EPPC Category II
<i>Pterocaulon pycnostachyum</i>	blackroot	
<i>Quercus elliotii</i>	running oak	
<i>Quercus geminata</i>	sand live oak	
<i>Quercus laurifolia</i>	diamond-leaved oak	
<i>Quercus minima</i>	dwarf live oak	
<i>Quercus virginiana</i>	live oak	
<i>Rhexia mariana</i>	pale meadowbeauty	
<i>Rhexia</i> sp.	meadowbeauty	
<i>Rhynchelytrum repens</i>	Natal grass	EPPC Category I
<i>Rhynchospora inundata</i>	narrowfruit horned beaksedge	
<i>Rhynchospora</i> sp.	beaksedge	
<i>Ruellia tweediana</i>	Mexican petunia	EPPC Category I
<i>Rumex</i> sp.	dock	
<i>Sabal palmetto</i>	cabbage palm	
<i>Sacoila lanceolata</i>	leafless beaked orchid	Threatened-FL
<i>Sagittaria lancifolia</i>	bulltongue arrowhead	
<i>Sagittaria</i> sp.	arrowhead	
<i>Salix caroliniana</i>	coastalplain willow	
<i>Sarcostemma clausum</i>	white twinevine	
<i>Schinus terebinthifolius</i>	Brazilian pepper	EPPC Category I
<i>Schoenus nigricans</i>	black bogrush	
<i>Scoparia dulcis</i>	licoriceweed	weedy
<i>Serenoa repens</i>	saw palmetto	
<i>Sesbania punicea</i>	purple sesban	EPPC Category II
<i>Setaria parviflora</i>	knotroot foxtail	
<i>Setaria</i> sp.	foxtail	
<i>Smilax auriculata</i>	earleaf greenbrier	
<i>Smilax laurifolia</i>	laurel greenbrier	
<i>Solanum</i> sp.	nightshade	
<i>Solanum viarum</i>	tropical soda apple	EPPC Category I
<i>Spartina bakeri</i>	sand cordgrass	
<i>Spartina</i> sp.	cordgrass	
<i>Stillingia aquatica</i>	water toothleaf	
<i>Syagrus romanzoffiana</i>	queen palm	EPPC Category II
<i>Syngonanthus flavidulus</i>	yellow hatpins	
<i>Taxodium ascendens</i>	pond cypress	
<i>Teucrium canadense</i>	Canadian germander	
<i>Tillandsia fasciculata</i>	common wild-pine	Endangered-FL

<i>Tillandsia usneoides</i>	Spanish moss	
<i>Tradescantia fluminensis</i>	white-flowered wandering jew	EPPC Category I
<i>Triadenum virginicum</i>	Virginia marsh St John's wort	
<i>Tripsacum dactyloides</i>	eastern gama grass	
<i>Typha domingensis</i>	southern cattail	
<i>Typha latifolia</i>	broadleaf cattail	
<i>Urena lobata</i>	Caesar's weed	EPPC Category II
<i>Viola lanceolata</i>	bog white violet	
<i>Vitis rotundifolia</i>	muscadine	
<i>Woodwardia virginica</i>	Virginia chain fern	
<i>Xyris</i> sp.	yelloweyed-grass	

Scrub

Scrub is a fire-maintained community characterized by thickets of scrub oaks and other shrubs occurring on xeric, sandy soils with open patches of bare sand. A ground cover of terrestrial lichens and herbs is generally sparse. Scrub occurs in only a few locations at the south end of Babcock Ranch, on small, elevated ridges mostly less than 10 acres in size, with the largest area being 33 acres.

Scrub canopy trees are generally sparse or absent. South Florida slash pine (*Pinus elliottii* var. *densa*), when present, are widely spaced and few in number. Sand live oak (*Quercus geminata*) occasionally reaches 20 feet or more tall. Most scrub on Babcock Ranch is composed of dense shrubs to 15 feet in height, dominated by coastalplain Chapman's oak (*Quercus chapmanii*), sand live oak (*Quercus geminata*), myrtle oak (*Quercus myrtifolia*), and staggerbush (*Lyonia fruticosa*). Other species, found primarily in the diverse short shrub layer (<6 feet) are Atlantic St. John's wort (*Hypericum reductum*), fetterbush (*Lyonia lucida*), wild pennyroyal (*Piloblephis rigida*), scrub palmetto (*Sabal etonia*), saw palmetto (*Serenoa repens*), shiny blueberry (*Vaccinium myrsinites*), deerberry (*Vaccinium stamineum*), and hog plum (*Ximenia americana*). The sparse herbaceous layer includes broomsedge bluestem (*Andropogon virginicus*), Florida alicia (*Chapmannia floridana*), Elliott's milkpea (*Galactia elliottii*), Florida scrub frostweed (*Helianthemum nashii*), and sandyfield beaksedge (*Rhynchospora megalocarpa*). The vines earleaf greenbrier (*Smilax auriculata*) and muscadine (*Vitis rotundifolia*) are occasional.

The dominance of tall shrubs indicates fire exclusion within the scrub community. Prescribed fire is necessary to reduce the height and percent cover of the woody species.

Plants observed in scrub on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Abrus precatorius</i>	rosary pea	EPPC Category I
<i>Amorpha herbacea</i>	clusterspike false indigobush	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy

<i>Aristida stricta</i> var. <i>beyrichiana</i>	wiregrass	
<i>Bejaria racemosa</i>	tarflower	
<i>Bulbostylis ciliatifolia</i>	capillary hairsedge	
<i>Callicarpa americana</i>	American beautyberry	
<i>Callisia ornata</i>	Florida scrub roseling	
<i>Chapmannia floridana</i>	Florida Alicia	
<i>Commelina erecta</i>	whitemouth dayflower	
<i>Dalea pinnata</i>	summer farewell	
<i>Dichanthelium</i> sp.	witch grass	
<i>Galactia elliottii</i>	Elliott's milkpea	
<i>Gaylussacia dumosa</i>	dwarf huckleberry	
<i>Helianthemum nashii</i>	Florida scrub frostweed	
<i>Hypericum reductum</i>	Atlantic St. John's wort	
<i>Hypoxis juncea</i>	fringed yellow stargrass	
<i>Lechea</i> sp.	pinweed	
<i>Licania michauxii</i>	gopher apple	
<i>Lygodesmia aphylla</i>	rose rush	
<i>Lyonia fruticosa</i>	coastalplain staggerbush	
<i>Lyonia lucida</i>	fetterbush	
<i>Opuntia humifusa</i>	pricklypear	
<i>Palafoxia feayi</i>	Feay's palafox	
<i>Piloblephis rigida</i>	wild pennyroyal	
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida slash pine	
<i>Polygala setacea</i>	coastalplain milkwort	
<i>Polygonella polygama</i>	October flower	
<i>Pterocaulon pycnostachyum</i>	blackroot	
<i>Quercus chapmanii</i>	Chapman's oak	
<i>Quercus geminata</i>	sand live oak	
<i>Quercus myrtifolia</i>	myrtle oak	
<i>Rhus copallinum</i>	winged sumac	
<i>Rhynchospora megalocarpa</i>	sandyfield beaksedge	
<i>Sabal etonia</i>	scrub palmetto	
<i>Scleria triglomerata</i>	whip nutrush	
<i>Serenoa repens</i>	saw palmetto	
<i>Seymeria pectinata</i>	piedmont blacksenna	
<i>Smilax auriculata</i>	earleaf greenbrier	
<i>Tillandsia recurvata</i>	ballmoss	
<i>Tillandsia usneoides</i>	Spanish moss	
<i>Vaccinium darrowii</i>	Darrow's blueberry	

<i>Vaccinium myrsinites</i>	shiny blueberry	
<i>Vaccinium stamineum</i>	deerberry	
<i>Vitis rotundifolia</i>	muscadine	
<i>Ximenia americana</i>	hog plum	

Scrubby Flatwoods

Scrubby flatwoods is an upland community characterized by an open pine canopy and a moderate to dense shrub layer dominated by scrub oaks along with many species also found in mesic flatwoods. Scrubby flatwoods occur in five locations at the south end Babcock Ranch on small, elevated ridges of about 50 acres or less.

Scrubby flatwoods on Babcock Ranch have a canopy of widely scattered South Florida slash pine (*Pinus elliottii* var. *densa*) and occasional sand live oak (*Quercus geminata*). Tall shrubs are dominated by Chapman's oak (*Quercus chapmanii*), sand live oak, myrtle oak (*Quercus myrtifolia*), and coastalplain staggerbush (*Lyonia fruticosa*). These are also present in the dense short shrub layer, with saw palmetto (*Serenoa repens*), netted pawpaw (*Asimina reticulata*), tarflower (*Bejaria racemosa*), Atlantic St. John's wort (*Hypericum reductum*), gopher apple (*Licania michauxii*), fetterbush (*Lyonia lucida*), wax myrtle (*Myrica cerifera*), and shiny blueberry (*Vaccinium myrsinites*). In addition to terrestrial lichens (*Cladonia evansii* and *Cladonia leporina*), the sparse herbaceous layer includes broomsedge bluestem (*Andropogon virginicus*), wiregrass (*Aristida stricta* var. *beyrichiana*), coastalplain honeycomb-head (*Balduina angustifolia*), Elliott's milkpea (*Galactia elliottii*), Florida scrub frostweed (*Helianthemum nashii*), sandyfield beaksedge (*Rhynchospora megalocarpa*), and sweet goldenrod (*Solidago odora*). Occasional vines are earleaf greenbrier (*Smilax auriculata*) and muscadine (*Vitis rotundifolia*).

Disturbances to scrubby flatwoods include invasive exotic plant species infestation and fire exclusion. Frequent fire is necessary to restore these areas to a more open condition where short shrubs are the dominant strata. One scrubby flatwoods on the property is planted with grand eucalyptus (*Eucalyptus grandis*); although the groundcover at this location is disturbed, it nevertheless retains abundant native scrubby flatwoods vegetation.

Plants observed in scrubby flatwoods on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Andropogon</i> sp.	bluestem	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Aristida stricta</i> var. <i>beyrichiana</i>	wiregrass	
<i>Asimina reticulata</i>	netted pawpaw	
<i>Balduina angustifolia</i>	coastalplain honeycomb-head	
<i>Bejaria racemosa</i>	tarflower	
<i>Bulbostylis</i> sp.	hairsedge	
<i>Callicarpa americana</i>	American beautyberry	
<i>Carphephorus corymbosus</i>	coastalplain chaffhead	

<i>Chamaecrista fasciculata</i>	partridge pea	
<i>Cladina evansii</i>	lichen	
<i>Cladonia leporine</i>	lichen	
<i>Dichanthelium</i> sp.	witch grass	
<i>Eucalyptus grandis</i>	grand eucalyptus	
<i>Euthamia caroliniana</i>	slender flattop goldenrod	
<i>Galactia elliotii</i>	Elliott's milkpea	
<i>Gaylussacia dumosa</i>	dwarf huckleberry	
<i>Helianthemum nashii</i>	Florida scrub frostweed	
<i>Hypericum reductum</i>	Atlantic St. John's wort	
<i>Ilex glabra</i>	gallberry	
<i>Imperata cylindrical</i>	cogon grass	EPPC Category I
<i>Lachnocaulon anceps</i>	whitehead bogbutton	
<i>Licania michauxii</i>	gopher apple	
<i>Lygodesmia aphylla</i>	rose rush	
<i>Lyonia fruticosa</i>	coastalplain staggerbush	
<i>Lyonia lucida</i>	fetterbush	
<i>Myrica cerifera</i>	wax myrtle	
<i>Opuntia humifusa</i>	pricklypear	
<i>Penstemon multiflorus</i>	manyflower beardtongue	
<i>Phlebodium aureum</i>	golden polypody	
<i>Piloblephis rigida</i>	wild pennyroyal	
<i>Pinus elliotii</i> var. <i>densa</i>	South Florida slash pine	
<i>Polygala setacea</i>	coastalplain milkwort	
<i>Polygonella polygama</i>	October flower	
<i>Quercus chapmanii</i>	Chapman's oak	
<i>Quercus elliotii</i>	running oak	
<i>Quercus geminata</i>	sand live oak	
<i>Quercus hemisphaerica</i>	laurel oak	
<i>Quercus minima</i>	dwarf live oak	
<i>Quercus myrtifolia</i>	myrtle oak	
<i>Quercus virginiana</i>	live oak	
<i>Rhus copallinum</i>	winged sumac	
<i>Rhynchospora megalocarpa</i>	sandyfield beaksedge	
<i>Sabal palmetto</i>	cabbage palm	
<i>Scleria triglomerata</i>	whip nutrush	
<i>Serenoa repens</i>	saw palmetto	
<i>Seymeria pectinata</i>	piedmont blacksenna	
<i>Smilax auriculata</i>	earleaf greenbrier	

<i>Solidago odora</i>	sweet goldenrod	
<i>Sorghastrum secundum</i>	lopsided indiagrass	
<i>Syngonanthus flavidulus</i>	yellow hatpins	
<i>Tillandsia setacea</i>	southern needleleaf	
<i>Tillandsia usneoides</i>	Spanish moss	
<i>Vaccinium darrowii</i>	Darrow's blueberry	
<i>Vaccinium myrsinites</i>	shiny blueberry	
<i>Vitis rotundifolia</i>	muscadine	
<i>Ximenia americana</i>	hog plum	

Slough

Sloughs are deep drainageways that exist within a strand swamp system. At Babcock Ranch, slough occurs as natural openings in the Telegraph Swamp and Jack's Branch cypress swamps. These openings are typically less than 10 acres in size but sloughs may also exceed 50 acres.

Canopy trees occur mainly around the periphery of sloughs on Babcock Ranch and are limited to pond cypress (*Taxodium ascendens*) and bald cypress (*Taxodium distichum*). The subcanopy has young cypress, Carolina ash (*Fraxinus caroliniana*), and coastalplain willow (*Salix caroliniana*). Shrubs are infrequent but are represented by pond apple (*Annona glabra*), common buttonbush (*Cephalanthus occidentalis*), Peruvian primrosewillow (*Ludwigia peruviana*), wax myrtle (*Myrica cerifera*), coastalplain willow, and climbing aster (*Symphotrichum carolinianum*). The herb layer is often quite extensive, dominated by toothed midsorus fern (*Blechnum serrulatum*), sawgrass (*Cladium jamaicense*), bulltongue arrowhead (*Sagittaria lancifolia*), and alligator flag (*Thalia geniculata*). Common epiphytes on the trees include northern needleleaf (*Tillandsia balbisiana*), common wild-pine (*Tillandsia fasciculata*), ballmoss (*Tillandsia recurvata*), southern needleleaf (*Tillandsia setacea*), and Spanish moss (*Tillandsia usneoides*). Occasional vines include white twinevine (*Sarcostemma clausum*), laurel greenbrier (*Smilax laurifolia*), and eastern poison ivy (*Toxicodendron radicans*). Invasive plants include water hyacinth (*Eichhornia crassipes*), West Indian marsh grass (*Hymenachne amplexicaulis*), Peruvian primrosewillow (*Ludwigia peruviana*), melaleuca (*Melaleuca quinquenervia*), and water-lettuce (*Pistia stratiotes*).

Plants observed in slough on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Annona glabra</i>	pond apple	
<i>Blechnum serrulatum</i>	toothed midsorus fern	
<i>Bletia purpurea</i>	pinepink	
<i>Boehmeria cylindrical</i>	false nettle	
<i>Carex glaucescens</i>	clustered sedge	
<i>Centella asiatica</i>	spadeleaf	
<i>Cephalanthus occidentalis</i>	common buttonbush	
<i>Cladium jamaicense</i>	sawgrass	

<i>Diodia virginiana</i>	Virginia buttonweed	
<i>Eichhornia crassipes</i>	water hyacinth	EPPC Category I
<i>Eupatorium capillifolium</i>	dogfennel	
<i>Fraxinus caroliniana</i>	Carolina ash	
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	EPPC Category I
<i>Ipomoea alba</i>	moonflower	
<i>Iris hexagona</i>	prairie iris	
<i>Juncus</i> sp.	rush	
<i>Lemna</i> sp.	duckweed	
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	EPPC Category I
<i>Ludwigia repens</i>	creeping primrosewillow	
<i>Melaleuca quinquenervia</i>	melaleuca	EPPC Category I
<i>Mikania scandens</i>	climbing hempvine	
<i>Myrica cerifera</i>	wax myrtle	
<i>Nuphar advena</i>	yellow pondlily	
<i>Panicum hemitomon</i>	maidencane	
<i>Panicum</i> sp.	panic grass	
<i>Persea palustris</i>	swamp bay	
<i>Pistia stratiotes</i>	water-lettuce	EPPC Category I
<i>Polygonum punctatum</i>	dotted smartweed	
<i>Pontederia cordata</i>	pickerelweed	
<i>Rhynchospora inundata</i>	narrowfruit horned beaksedge	
<i>Sagittaria lancifolia</i>	bulltongue arrowhead	
<i>Salix caroliniana</i>	coastalplain willow	
<i>Salvinia minima</i>	water spangles	
<i>Sarcostemma clausum</i>	white twinevine	
<i>Smilax laurifolia</i>	laurel greenbrier	
<i>Symphotrichum carolinianum</i>	climbing aster	
<i>Taxodium ascendens</i>	pond cypress	
<i>Taxodium distichum</i>	bald cypress	
<i>Thalia geniculata</i>	alligatorflag	
<i>Tillandsia balbisiana</i>	northern needleleaf	Threatened-FL
<i>Tillandsia fasciculata</i>	common wild-pine	Endangered-FL
<i>Tillandsia recurvata</i>	ballmoss	
<i>Tillandsia setacea</i>	southern needleleaf	
<i>Tillandsia usneoides</i>	Spanish moss	
<i>Toxicodendron radicans</i>	eastern poison ivy	
<i>Typha</i> sp.	cattail	

Strand Swamp

Strand swamps are shallow, elongated flow-ways dominated by cypress. The Telegraph Swamp and Jack's Branch wetland systems represent examples of strand swamp on Babcock Ranch. Telegraph Swamp covers a large area in the west half of Babcock Ranch.

Pure stands of pond cypress (*Taxodium ascendens*) and bald cypress (*Taxodium distichum*) dominate the strand swamp canopy. Some areas also have red maple (*Acer rubrum*), Carolina ash (*Fraxinus caroliniana*), dahoon (*Ilex cassine*), swamp tupelo (*Nyssa sylvatica* var. *biflora*), swamp bay (*Persea palustris*), South Florida slash pine (*Pinus elliottii* var. *densa*), diamond-leaved oak (*Quercus laurifolia*), and cabbage palm (*Sabal palmetto*) in the canopy and subcanopy. The shrub strata varies from open to dense and may include pond apple (*Annona glabra*), common buttonbush (*Cephalanthus occidentalis*), Virginia willow (*Itea virginica*), wax myrtle (*Myrica cerifera*), coastalplain willow (*Salix caroliniana*), and climbing aster (*Symphotrichum carolinianum*). The herbaceous plant cover is greater on the swamp edges and lesser in the center where water is deeper. Dominant herbs are toothed midsorus fern (*Blechnum serrulatum*), clustered sedge (*Carex glaucescens*), sawgrass (*Cladium jamaicense*), maidencane (*Panicum hemitomon*), millet beaksedge (*Rhynchospora miliacea*), lizard's tail (*Saururus cernuus*), Hottentot fern (*Thelypteris interrupta*), and Virginia chain fern (*Woodwardia virginica*). Epiphytes are common and include several species of airplants (*Tillandsia* spp.), some of which are state-listed. Common vines are white twinevine (*Sarcostemma clausum*), laurel greenbrier (*Smilax laurifolia*), eastern poison ivy (*Toxicodendron radicans*), and the invasive old world climbing fern (*Lygodium microphyllum*). The State-endangered pinepink (*Bletia purpurea*), a terrestrial orchid, occurs at one location.

Most of Telegraph Swamp remains intact but portions have been clearcut of cypress trees within recent years. No evidence of logging was observed along Jack's Branch. Some clearcut areas are infested with exotic plant species such as West Indian marsh grass (*Hymenachne amplexicaulis*), old world climbing fern (*Lygodium microphyllum*), Peruvian primrosewillow (*Ludwigia peruviana*), and Caesar's weed (*Urena lobata*). Other invasive exotics, including melaleuca (*Melaleuca quinquenervia*) and Brazilian pepper (*Schinus terebinthifolius*), occur in a few relatively undisturbed areas of the swamp.

Plants observed in strand swamp on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Acer rubrum</i>	red maple	
<i>Acmella oppositifolia</i> var. <i>repens</i>	oppositeleaf spotflower	
<i>Acrostichum danaeifolium</i>	giant leather fern	
<i>Albizia lebbek</i>	woman's tongue	EPPC Category I
<i>Amphicarpum muhlenbergianum</i>	blue maidencane	
<i>Andropogon glomeratus</i>	bushy bluestem	
<i>Andropogon virginicus</i>	broomsedge bluestem	
<i>Annona glabra</i>	pond apple	
<i>Azolla caroliniana</i>	mosquito fern	

<i>Baccharis glomeruliflora</i>	silverling	
<i>Baccharis halimifolia</i>	groundsel tree	
<i>Bacopa caroliniana</i>	lemon bacopa	
<i>Bacopa monnieri</i>	herb-of-grace	
<i>Blechnum serrulatum</i>	toothed midsorus fern	
<i>Bletia purpurea</i>	pinepink	Threatened-FL
<i>Boehmeria cylindrica</i>	false nettle	
<i>Canna flaccida</i>	bandana-of-the-Everglades	
<i>Carex gigantea</i>	giant sedge	
<i>Carex glaucescens</i>	clustered sedge	
<i>Centella asiatica</i>	spadeleaf	
<i>Cephalanthus occidentalis</i>	common buttonbush	
<i>Cladium jamaicense</i>	sawgrass	
<i>Commelina diffusa</i>	common dayflower	
<i>Conoclinium coelestinum</i>	blue mistflower	
<i>Coreopsis leavenworthii</i>	Leavenworth's tickseed	
<i>Crinum americanum</i>	string lily	
<i>Dichanthelium dichotomum</i>	cypress witchgrass	
<i>Eichhornia crassipes</i>	water hyacinth	EPPC Category I
<i>Eleocharis</i> sp.	spikerush	
<i>Erechtites hieraciifolius</i>	fireweed	
<i>Eriocaulon decangulare</i>	tenangle pipewort	
<i>Eupatorium capillifolium</i>	dogfennel	
<i>Eustachys glauca</i>	saltmarsh fingergrass	
<i>Ficus aurea</i>	strangler fig	
<i>Fraxinus caroliniana</i>	Carolina ash	
<i>Fuirena scirpoidea</i>	southern umbrellasedge	
<i>Hibiscus grandiflorus</i>	swamp rosemallow	
<i>Hydrocotyle umbellata</i>	manyflower marshpennywort	
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	EPPC Category I
<i>Hypericum fasciculatum</i>	peelbark St. John's wort	
<i>Hypericum hypericoides</i>	St. Andrew's cross	
<i>Hypoxis curtissii</i>	common yellow stargrass	
<i>Hyptis alata</i>	clustered bushmint	
<i>Ilex cassine</i>	dahoon	
<i>Ilex glabra</i>	gallberry	
<i>Ipomoea alba</i>	moonflowers	
<i>Iris hexagona</i>	prairie iris	
<i>Itea virginica</i>	Virginia willow	

<i>Juncus</i> sp.	rush	
<i>Limnophila sessiliflora</i>	Asian marshweed	EPPC Category II
<i>Lindernia dubia</i>	moistbank pimpernel	
<i>Lindernia grandiflora</i>	savannah false pimpernel	
<i>Lobelia feayana</i>	bay lobelia	
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	EPPC Category I
<i>Ludwigia repens</i>	creeping primrosewillow	
<i>Lygodium microphyllum</i>	old world climbing fern	
<i>Lythrum alatum</i>	winged loosestrife	
<i>Melaleuca quinquenervia</i>	melaleuca	EPPC Category I
<i>Micranthemum glomeratum</i>	manatee mudflower	
<i>Mikania scandens</i>	climbing hempvine	
<i>Myrica cerifera</i>	wax myrtle	
<i>Nephrolepis exaltata</i>	sword fern	
<i>Nymphaea odorata</i>	American white waterlily	
<i>Nyssa sylvatica</i> var. <i>biflora</i>	swamp tupelo	
<i>Osmunda regalis</i> var. <i>spectabilis</i>	royal fern	
<i>Packera glabella</i>	butterweed	
<i>Panicum hemitomon</i>	maidencane	
<i>Panicum longifolium</i>	longleaf panicum	
<i>Panicum repens</i>	torpedo grass	EPPC Category I
<i>Panicum rigidulum</i>	redtop panicum	
<i>Panicum</i> sp.	panicum	
<i>Parthenocissus quinquefolia</i>	Virginia creeper	
<i>Paspalum</i> sp.	crowngrass	
<i>Persea palustris</i>	swamp bay	
<i>Phanopyrum gymnocarpon</i>	savannah panicum	
<i>Phlebodium aureum</i>	golden polypody	
<i>Phyla nodiflora</i>	turkey tangle fogfruit	
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida slash pine	
<i>Pistia stratiotes</i>	water-lettuce	EPPC Category I
<i>Pleopeltis polypodioides</i> var. <i>michauxiana</i>	resurrection fern	
<i>Pluchea rosea</i>	rosy camphorweed	
<i>Polygonum densiflorum</i>	denseflower knotweed	
<i>Polygonum hydropiperoides</i>	swamp smartweed	
<i>Polygonum punctatum</i>	dotted smartweed	
<i>Pontederia cordata</i>	pickerelweed	
<i>Proserpinaca palustris</i>	marsh mermaidweed	

<i>Psidium guajava</i>	guava	EPPC Category I
<i>Psilotum nudum</i>	whisk fern	
<i>Psychotria nervosa</i>	wild coffee	
<i>Psychotria sulzneri</i>	shortleaf wild coffee	
<i>Quercus laurifolia</i>	diamond-leaved oak	
<i>Quercus virginiana</i>	live oak	
<i>Rapanea punctata</i>	myrsine	
<i>Rhynchospora fascicularis</i>	fascicled beaksedge	
<i>Rhynchospora miliacea</i>	millet beaksedge	
<i>Rhynchospora</i> sp.	beaksedge	
<i>Ruellia tweediana</i>	Mexican petunia	EPPC Category I
<i>Rumex verticillatus</i>	swamp dock	
<i>Sabal palmetto</i>	cabbage palm	
<i>Sabatia calycina</i>	coastal rosegentian	
<i>Sagittaria lancifolia</i>	bulltongue arrowhead	
<i>Salix caroliniana</i>	coastalplain willow	
<i>Salvinia minima</i>	water spangles	
<i>Samolus valerandi</i> ssp. <i>parviflorus</i>	pineland pimpernel	
<i>Sarcostemma clausum</i>	white twinevine	
<i>Saururus cernuus</i>	lizard's tail	
<i>Schinus terebinthifolius</i>	Brazilian pepper	EPPC Category I
<i>Serenoa repens</i>	saw palmetto	
<i>Setaria</i> sp.	bristlegrass	
<i>Sideroxylon reclinatum</i>	Florida bully	
<i>Smilax bona-nox</i>	saw greenbrier	
<i>Smilax laurifolia</i>	laurel greenbrier	
<i>Smilax rotundifolia</i>	roundleaf greenbrier	
<i>Smilax tamnoides</i>	bristly greenbrier	
<i>Smilax walteri</i>	coral greenbrier	
<i>Symphyotrichum carolinianum</i>	climbing aster	
<i>Taxodium ascendens</i>	pond cypress	
<i>Taxodium distichum</i>	bald cypress	
<i>Teucrium canadense</i>	Canadian germander	
<i>Thalia geniculata</i>	alligatorflag	
<i>Thelypteris interrupta</i>	hottentot fern	
<i>Thelypteris</i> sp.	maiden fern	
<i>Tillandsia balbisiana</i>	northern needleleaf	Threatened-FL
<i>Tillandsia fasciculata</i>	common wild-pine	Endangered-FL
<i>Tillandsia flexuosa</i>	banded wild-pine	

<i>Tillandsia paucifolia</i>	potbelly air-plant	
<i>Tillandsia recurvata</i>	ballmoss	
<i>Tillandsia setacea</i>	southern needleleaf	
<i>Tillandsia usneoides</i>	Spanish moss	
<i>Tillandsia utriculata</i>	giant air-plant	Endangered-FL
<i>Tradescantia fluminensis</i>	white-flowered wandering jew	EPPC Category I
<i>Toxicodendron radicans</i>	eastern poison ivy	
<i>Triadenum virginicum</i>	Virginia marsh St John's wort	
<i>Urena lobata</i>	Caesar's weed	
<i>Vitis rotundifolia</i>	muscadine	
<i>Woodwardia virginica</i>	Virginia chain fern	
<i>Ximenia americana</i>	hog plum	

Wet Flatwoods

Wet flatwoods are open pine canopy forests with an understory of hydrophytic herbs and shrubs. The species richness and composition within wet flatwoods benefit from fire on a two to five year interval during the late spring/early summer lightning season. Wet flatwoods on Babcock Ranch occupy from one to more than 500 acres. This community often intermingles with mesic flatwoods, basin marshes, depression marshes, hydric hammocks, dome swamps, strand swamps, and wet prairies.

The canopy is moderately open and consists mostly of South Florida slash pine (*Pinus elliotii* var. *densa*), with occasional pond cypress (*Taxodium ascendens*) or longleaf pine (*Pinus palustris*). The subcanopy is open but has greater species diversity. Pines and pond cypress occur in the subcanopy with cabbage palm (*Sabal palmetto*), swamp bay (*Persea palustris*), and various oaks (*Quercus* spp.). Some wet flatwoods on Babcock Ranch have dense shrub layers while others have a scarcity of shrubs and dense herbaceous groundcover. Common shrubs are wax myrtle (*Myrica cerifera*), cabbage palm (*Sabal palmetto*), saw palmetto (*Serenoa repens*), and St. John's worts (*Hypericum* spp.). Outside of areas with a dense shrub cover, the herb layer is generally well developed and quite diverse. Species include blue maidencane (*Amphicarpum muhlenbergianum*), wiregrass (*Aristida stricta* var. *beyrichiana*), clustered bushmint (*Hyptis alata*), tickseeds (*Coreopsis* spp.), tenangle pipewort (*Eriocaulon decangulare*), pineland heliotrope (*Heliotropium polyphyllum*), and hairawn muhly (*Muhlenbergia capillaris*). Epiphytes and vines are infrequent in wet flatwoods on Babcock Ranch. Rare plants include yellow-flowered butterwort (*Pinguicula lutea*), northern needleleaf (*Tillandsia balbisiana*), common wild-pine (*Tillandsia fasciculata*), and giant air-plant (*Tillandsia utriculata*).

Disturbances to wet flatwoods on Babcock Ranch include feral hog digging, fire exclusion and infestations of invasive exotic plants. Notable occurrences of invasive exotic species include melaleuca (*Melaleuca quinquenervia*) and Brazilian pepper (*Schinus terebinthifolius*).

Plants observed in wet flatwoods on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Acer rubrum</i>	red maple	
<i>Albizia lebbbeck</i>	woman's tongue	EPPC Category I
<i>Aletris lutea</i>	yellow colic-root	
<i>Ampelopsis arborea</i>	peppervine	
<i>Amphicarpum muhlenbergianum</i>	blue maidencane	
<i>Andropogon glomeratus</i>	bushy bluestem	weedy
<i>Andropogon glomeratus</i> var. <i>glaucopsis</i>	purple bluestem	weedy
<i>Andropogon</i> sp.		
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Andropogon virginicus</i> var. <i>glaucus</i>	chalky bluestem	
<i>Aristida palustris</i>	longleaf threeawn	
<i>Aristida purpurascens</i>	arrowfeather threeawn	
<i>Aristida</i> sp.	threeawn	
<i>Aristida spiciformis</i>	bottlebrush threeawn	
<i>Aristida stricta</i> var. <i>beyrichiana</i>	wiregrass	
<i>Asclepias lanceolata</i>	fewflower milkweed	
<i>Asclepias longifolia</i>	longleaf milkweed	
<i>Asclepias</i> sp.	milkweed	
<i>Asimina reticulata</i>	netted pawpaw	
<i>Asimina</i> sp.	pawpaw	
<i>Axonopus fissifolius</i>	common carpetgrass	
<i>Axonopus furcatus</i>	big carpetgrass	
<i>Axonopus</i> sp.	carpetgrass	
<i>Baccharis glomeruliflora</i>	silverling	
<i>Baccharis halimifolia</i>	groundsel tree	
<i>Balduina</i> sp.	honeycombhead	
<i>Bejaria racemosa</i>	tarflower	
<i>Bigelovia nudata</i>	pineland rayless goldenrod	
<i>Blechnum serrulatum</i>	toothed midsorus fern	
<i>Boehmeria cylindrica</i>	false nettle	
<i>Bulbostylis</i> sp.	hairsedge	
<i>Callicarpa americana</i>	American beautyberry	
<i>Carex glaucescens</i>	clustered sedge	
<i>Carex</i> sp.	sedge	
<i>Carphephorus carnosus</i>	pineland chaffhead	
<i>Cassytha filiformis</i>	love vine	
<i>Centella asiatica</i>	spadeleaf	

<i>Cephalanthus occidentalis</i>	common buttonbush	
<i>Chapmannia floridana</i>	Florida alicia	
<i>Chaptalia tomentosa</i>	pineland daisy	
<i>Cirsium horridulum</i>	purple thistle	weedy
<i>Cladium jamaicense</i>	sawgrass	
<i>Clematis baldwinii</i>	pine hyacinth	
<i>Conoclinium coelestinum</i>	blue mistflower	
<i>Coryza canadensis</i>	Canadian horseweed	
<i>Coreopsis floridana</i>	Florida tickseed	
<i>Coreopsis leavenworthii</i>	Leavenworth's tickseed	
<i>Coreopsis</i> sp.	tickseed	
<i>Crinum americanum</i>	string lily	
<i>Crotalaria rotundifolia</i>	rabbitbells	
<i>Ctenium aromaticum</i>	toothachegrass	
<i>Cynanchum</i> sp.	swallowwort	
<i>Cynodon dactylon</i>	Bermudagrass	
<i>Cyperus ligularis</i>	swamp flatsedge	
<i>Cyperus</i> sp.	flatsedge	
<i>Dichanthelium ensifolium</i>	cypress witchgrass	
<i>Dichanthelium erectifolium</i>	erectleaf witchgrass	
<i>Dichanthelium</i> sp.	witchgrass	
<i>Digitaria</i> sp.	crabgrass	
<i>Diodia teres</i>	poor joe	
<i>Diodia virginiana</i>	Virginia buttonweed	
<i>Diospyros virginiana</i>	common persimmon	
<i>Drosera brevifolia</i>	dwarf sundew	
<i>Drosera capillaris</i>	pink sundew	
<i>Drosera</i> sp.	sundew	
<i>Dyschoriste angusta</i>	pineland twinflower	
<i>Dyschoriste oblongifolia</i>	oblongleaf twinflower	
<i>Dyschoriste</i> sp.	twinflower	
<i>Elephantopus elatus</i>	tall elephantsfoot	
<i>Encyclia tampensis</i>	Florida butterfly orchid	
<i>Eragrostis</i> sp.	lovegrass	
<i>Erechtites hieracifolius</i>	fireweed	weedy
<i>Erigeron quercifolius</i>	oakleaf fleabane	
<i>Erigeron</i> sp.	fleabane	
<i>Erigeron vernus</i>	early whitetop fleabane	
<i>Eriocaulon compressum</i>	flattened pipewort	

<i>Eriocaulon decangulare</i>	tenangle pipewort	
<i>Eryngium baldwintii</i>	Baldwin's eryngo	
<i>Eryngium</i> sp.	eryngo	
<i>Eryngium yuccifolium</i>	button rattlesnakemaster	
<i>Eulophia alta</i>	wild coco	
<i>Eupatorium capillifolium</i>	dogfennel	weedy
<i>Eupatorium compositifolium</i>	yankeeweed	
<i>Eupatorium leptophyllum</i>	falsefennel	
<i>Eupatorium mikanioides</i>	semaphore thoroughwort	
<i>Eupatorium mohrii</i>	Mohr's thoroughwort	
<i>Eupatorium</i> sp.	thoroughwort	
<i>Euphorbia exserta</i>	coastal sand spurge	
<i>Euphorbia polyphylla</i>	lesser Florida spurge	
<i>Eustachys petraea</i>	pinewoods fingergrass	
<i>Eustachys</i> sp.	fingergrass	
<i>Euthamia caroliniana</i>	slender flattop goldenrod	weedy
<i>Euthamia graminifolia</i> var. <i>hirtipes</i>	flattop goldenrod	
<i>Fimbristylis autumnalis</i>	slender fimbry	
<i>Flaveria floridana</i>	Florida yellowtops	
<i>Flaveria</i> sp.	yellowtops	
<i>Fuirena scirpoidea</i>	southern umbrellasedge	
<i>Galactia elliotii</i>	Elliott's milkpea	
<i>Galactia regularis</i>	eastern milkpea	
<i>Galium</i> sp.	bedstraw	
<i>Gamochaeta</i> sp.	everlasting	
<i>Gratiola hispida</i>	rough hedgehyssop	
<i>Gratiola</i> sp.	hedgehyssop	
<i>Helianthemum carolinianum</i>	Carolina frostweed	
<i>Heliotropium polyphyllum</i>	pineland heliotrope	
<i>Hibiscus grandiflorus</i>	swamp rosemallow	
<i>Hydrocotyle bonariensis</i>	largeleaf marshpennywort	
<i>Hydrocotyle</i> sp.	marshpennywort	
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	EPPC Category I
<i>Hymenocallis puntagordensis</i>	smallcup spiderlily	
<i>Hymenocallis</i> sp.	spiderlily	
<i>Hypericum brachyphyllum</i>	coastalplain St. John's wort	
<i>Hypericum cistifolium</i>	roundpod St. John's wort	
<i>Hypericum fasciculatum</i>	peelbark St. John's wort	
<i>Hypericum hypericoides</i>	St. Andrew's cross	

<i>Hypericum myrtifolium</i>	myrtleleaf St. John's wort	
<i>Hypericum</i> sp.	St. John's wort	
<i>Hypericum tetrapetalum</i>	fourpetal St. John's wort	
<i>Hyptis alata</i>	clustered bushmint	
<i>Hyptis pectinata</i>	comb bushmint	
<i>Hyptis</i> sp.	bushmint	
<i>Ilex cassine</i>	dahoon	
<i>Ilex coriacea</i>	large gallberry	
<i>Ilex glabra</i>	gallberry	
<i>Imperata cylindrica</i>	cogon grass	EPPC Category I
<i>Ipomoea sagittata</i>	saltmarsh morning glory	
<i>Iva microcephala</i>	Piedmont marshelder	
<i>Juncus scirpoides</i>	needlepod rush	
<i>Juncus</i> sp.	rush	
<i>Lachnanthes carolina</i>	Carolina redroot	
<i>Lachnocaulon anceps</i>	whitehead bogbutton	
<i>Lachnocaulon</i> sp.	bogbutton	
<i>Licania michauxii</i>	gopher apple	
<i>Lilium catesbaei</i>	pine lily	Threatened-FL
<i>Linum</i> sp.	flax	
<i>Ludwigia arcuata</i>	Piedmont primrosewillow	
<i>Ludwigia maritima</i>	seaside primrosewillow	
<i>Ludwigia palustris</i>	marsh seedbox	
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	EPPC Category I
<i>Ludwigia repens</i>	creeping primrosewillow	
<i>Ludwigia</i> sp.	primrosewillow	
<i>Lygodium japonicum</i>	Japanese climbing fern	EPPC Category I
<i>Lygodium microphyllum</i>	old world climbing fern	
<i>Lyonia fruticosa</i>	coastalplain staggerbush	
<i>Lyonia lucida</i>	fetterbush	
<i>Lythrum alatum</i>	winged loosestrife	
<i>Mecardonia acuminata</i>	axilflower	
<i>Melaleuca quinquenervia</i>	melaleuca	EPPC Category I
<i>Melochia corchorifolia</i>	chocolateweed	exotic
<i>Melochia</i> sp.	melochia	
<i>Melochia spicata</i>	bretonica peluda	
<i>Micranthemum glomeratum</i>	manatee mudflower	
<i>Mikania cordifolia</i>	Florida Keys hempvine	
<i>Mikania scandens</i>	climbing hempvine	

<i>Mitreola petiolata</i>	lax hornpod	
<i>Mitreola sessilifolia</i>	swamp hornpod	
<i>Muhlenbergia capillaris</i>	hairawn muhly	
<i>Myrica cerifera</i>	wax myrtle	
<i>Myrica cerifera</i> var. <i>pumila</i>	dwarf wax myrtle	
<i>Nephrolepis cordifolia</i>	sword fern	
<i>Osmunda regalis</i> var. <i>spectabilis</i>	royal fern	
<i>Panicum anceps</i>	beaked panicum	
<i>Panicum hemitomon</i>	maidencane	
<i>Panicum repens</i>	torpedo grass	EPPC Category I
<i>Panicum</i> sp.	panicgrass	
<i>Panicum tenerum</i>	bluejoint panicum	
<i>Parietaria floridana</i>	Florida pellitory	
<i>Parthenocissus quinquefolia</i>	Virginia creeper	
<i>Paspalidium geminatum</i>	Egyptian paspalidium	
<i>Paspalum laeve</i>	field paspalum	
<i>Paspalum notatum</i>	bahiagrass	exotic
<i>Paspalum praecox</i>	early paspalum	
<i>Paspalum setaceum</i>	thin paspalum	
<i>Paspalum</i> sp.	crowgrass	
<i>Persea palustris</i>	swamp bay	
<i>Phlebodium aureum</i>	golden polypody	
<i>Phyla nodiflora</i>	turkey tangle fogfruit	
<i>Phytolacca americana</i>	American pokeweed	
<i>Piloblephis rigida</i>	wild pennyroyal	
<i>Pinguicula lutea</i>	yellow-flowered butterwort	Threatened-FL
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida slash pine	
<i>Pinus palustris</i>	longleaf pine	
<i>Piriqueta cistoides</i> ssp. <i>caroliniana</i>	pitted stripeeed	
<i>Pluchea odorata</i>	sweetscent	
<i>Pluchea rosea</i>	rosy camphorweed	
<i>Pluchea</i> sp.	camphorweed	
<i>Polygala baldunii</i>	Baldwin's milkwort	
<i>Polygala incarnata</i>	procession flower	
<i>Polygala lutea</i>	orange milkwort	
<i>Polygala ramosa</i>	low pinebarren milkwort	
<i>Polygonella gracilis</i>	tall jointweed	
<i>Polygonum</i> sp.	smartweed	
<i>Pontederia cordata</i>	pickerelweed	

<i>Proserpinaca pectinata</i>	combleaf mermaidweed	
<i>Psidium guajava</i>	guava	EPPC Category I
<i>Pteridium aquilinum</i>	bracken fern	
<i>Pteris vittata</i>	Chinese brake fern	EPPC Category II
<i>Pterocaulon pycnostachyum</i>	blackroot	
<i>Quercus elliotii</i>	running oak	
<i>Quercus hemisphaerica</i>	laurel oak	
<i>Quercus laurifolia</i>	diamond-leaved oak	
<i>Quercus minima</i>	dwarf live oak	
<i>Quercus virginiana</i>	live oak	
<i>Rapanea punctata</i>	myrsine	
<i>Rhexia mariana</i>	pale meadowbeauty	
<i>Rhexia</i> sp.	meadowbeauty	
<i>Rhynchospora inexpansa</i>	nodding beaksedge	
<i>Rhynchospora inundata</i>	narrowfruit horned beaksedge	
<i>Rhynchospora latifolia</i>	giant whitetop	
<i>Rhynchospora microcephala</i>	bunched beaksedge	
<i>Rhynchospora nitens</i>	shortbeak beaksedge	
<i>Rhynchospora</i> sp.	beaksedge	
<i>Rubus argutus</i>	sawtooth blackberry	
<i>Rubus trivialis</i>	southern dewberry	
<i>Ruellia caroliniensis</i>	Carolina wild petunia	
<i>Ruellia</i> sp.	wild petunia	
<i>Sabal palmetto</i>	cabbage palm	
<i>Sabatia grandiflora</i>	largeflower rosegentian	
<i>Sabatia</i> sp.	rosegentian	
<i>Salix caroliniana</i>	coastalplain willow	
<i>Salvia lyrata</i>	lyreleaf sage	
<i>Samolus ebracteatus</i>	water pimpernel	
<i>Sarcostemma clausum</i>	white twinevine	
<i>Schinus terebinthifolius</i>	Brazilian pepper	
<i>Schizachyrium</i> sp.	bluestem	
<i>Schoenus nigricans</i>	black bogrush	
<i>Scleria reticularis</i>	netted nutrush	
<i>Scoparia dulcis</i>	licoriceweed	weedy
<i>Serenoa repens</i>	saw palmetto	
<i>Sesbania herbacea</i>	danglepod	weedy
<i>Setaria parviflora</i>	knotroot foxtail	
<i>Setaria</i> sp.	foxtail	

<i>Sideroxylon reclinatum</i>	Florida bully	
<i>Sideroxylon</i> sp.	sideroxylon	
<i>Sisyrinchium angustifolium</i>	narrowleaf blue-eyed grass	
<i>Smilax auriculata</i>	earleaf greenbrier	
<i>Smilax bona-nox</i>	saw greenbrier	
<i>Smilax laurifolia</i>	laurel greenbrier	
<i>Smilax</i> sp.	greenbrier	
<i>Solanum viarum</i>	tropical soda apple	EPPC Category I
<i>Solidago odora</i>	sweet goldenrod	
<i>Solidago sempervirens</i>	seaside goldenrod	
<i>Solidago</i> sp.	goldenrod	
<i>Spartina bakeri</i>	sand cordgrass	
<i>Sporobolus indicus</i>	smutgrass	exotic
<i>Sporobolus junceus</i>	pineywoods dropseed	
<i>Sporobolus</i> sp.	dropseed	
<i>Stenandrium dulce</i>	sweet shaggytuft	
<i>Stillingia aquatica</i>	water toothleaf	
<i>Stillingia sylvatica</i>	queensdelight	
<i>Symphyotrichum carolinianum</i>	climbing aster	
<i>Syngonanthus flavidulus</i>	yellow hatpins	
<i>Syzygium cumini</i>	Java plum	EPPC Category I
<i>Taxodium ascendens</i>	pond cypress	
<i>Taxodium distichum</i>	bald cypress	
<i>Teucrium canadense</i>	Canadian germander	
<i>Thelypteris</i> sp.	maiden fern	
<i>Tillandsia balbisiana</i>	northern needleleaf	Threatened-FL
<i>Tillandsia fasciculata</i>	common wild-pine	Endangered-FL
<i>Tillandsia recurvata</i>	ballmoss	
<i>Tillandsia setacea</i>	southern needleleaf	
<i>Tillandsia usneoides</i>	Spanish moss	
<i>Tillandsia utriculata</i>	giant air-plant	Endangered-FL
<i>Toxicodendron radicans</i>	eastern poison ivy	
<i>Triadenum virginicum</i>	Virginia marsh St John's wort	
<i>Tripsacum dactyloides</i>	eastern gama grass	
<i>Typha</i> sp.	cattail	
<i>Urena lobata</i>	Caesar's weed	EPPC Category II
<i>Vaccinium darrowii</i>	Darrow's blueberry	
<i>Vaccinium myrsinites</i>	shiny blueberry	
<i>Vernonia blodgettii</i>	Florida ironweed	

<i>Vernonia</i> sp.	ironweed	
<i>Viola lanceolata</i>	bog white violet	
<i>Viola primulifolia</i>	primroseleaf violet	
<i>Vitis rotundifolia</i>	muscadine	
<i>Vittaria lineata</i>	shoestring fern	
<i>Woodwardia virginica</i>	Virginia chain fern	
<i>Ximenia americana</i>	hog plum	
<i>Xyris ambigua</i>	coastalplain yelloweyed-grass	
<i>Xyris brevifolia</i>	shortleaf yelloweyed-grass	
<i>Xyris drummondii</i>	Drummond's yelloweyed-grass	
<i>Xyris elliottii</i>	Elliott's yelloweyed-grass	
<i>Xyris</i> sp.	yelloweyed-grass	

Wet Prairie

Wet prairie is a nearly treeless, poorly drained flatland with few shrubs and dominated by a diverse array of wetland herbs. Fires every one to three years are important for maintaining species diversity and composition and for limiting woody encroachment and colonization by exotic plants. Wet prairies differ from wet flatwoods in that they have a longer hydroperiod, which tends to hinder the growth of pines leaving them susceptible to the frequent fires. On Babcock Ranch, wet prairie occurs between and along the edges of depression and basin marshes. Wet prairie occurs in association with dry prairie, wet flatwoods and mesic flatwoods. In some locations, the absence of a wet prairie ecotone between wet flatwoods and swamp communities suggests an alteration in natural hydrology. Wet prairies on Babcock Ranch are typically less than 50 acres but a few examples approach or even exceed 200 acres.

The canopy and subcanopy are mostly absent from wet prairies on Babcock Ranch, although a few South Florida slash pine (*Pinus elliottii* var. *densa*), longleaf pine (*Pinus palustris*), and pond cypress (*Taxodium ascendens*) are sometimes present. Shrub cover is generally low but may become dense in fire-excluded areas. Typical shrubs are peelbark St. John's wort (*Hypericum fasciculatum*), wax myrtle (*Myrica cerifera*), and water toothleaf (*Stillingia aquatica*). Herbs are the primary component of wet prairies on Babcock Ranch. The dominant species include blue maidencane (*Amphicarpum muhlenbergianum*), broomsedge bluestem (*Andropogon virginicus*), longleaf threeawn (*Aristida palustris*), wiregrass (*Aristida stricta* var. *beyrichiana*), pineland rayless goldenrod (*Bigelovia nudata*), spadeleaf (*Centella asiatica*), cypress witchgrass (*Dichanthelium ensifolium*), flattened pipeworts (*Eriocaulon* spp.), clustered bushmint (*Hyptis alata*), hairawn muhly (*Muhlenbergia capillaris*), rosy camphorweed (*Pluchea rosea*), Baldwin's milkwort (*Polygala baldwinii*), sand cordgrass (*Spartina bakeri*), queensdelight (*Stillingia sylvatica*), and yelloweyed-grasses (*Xyris* spp.). There are few epiphytes or vines in wet prairies.

Disturbances to wet flatwoods on Babcock Ranch include feral hog digging, fire exclusion and infestations of invasive exotic plants. Notable occurrences of invasive exotic species include

torpedo grass (*Panicum repens*), melaleuca (*Melaleuca quinquenervia*) and Brazilian pepper (*Schinus terebinthifolius*).

Plants observed in wet prairie on Babcock Ranch

Scientific Name	Common Name	Notes
<i>Agalinis purpurea</i>	purple false foxglove	
<i>Aletris lutea</i>	yellow colic-root	
<i>Amphicarpum muhlenbergianum</i>	blue maidencane	
<i>Andropogon glomeratus</i>	bushy bluestem	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Andropogon virginicus</i> var. <i>glaucus</i>	chalky bluestem	
<i>Aristida palustris</i>	longleaf threeawn	
<i>Aristida purpurascens</i>	arrowfeather threeawn	
<i>Aristida spiciformis</i>	bottlebrush threeawn	
<i>Aristida stricta</i> var. <i>beyrichiana</i>	wiregrass	
<i>Asimina reticulata</i>	netted pawpaw	
<i>Axonopus</i> sp.	carpetgrass	
<i>Baccharis glomeruliflora</i>	silverling	
<i>Baccharis halimifolia</i>	groundsel tree	
<i>Bacopa caroliniana</i>	lemon bacopa	
<i>Bacopa monnieri</i>	herb-of-grace	
<i>Bartonia verna</i>	white screwstem	
<i>Bigelowia nudata</i>	pineland rayless goldenrod	
<i>Boehmeria cylindrical</i>	false nettle	
<i>Carphephorus carnosus</i>	pineland chaffhead	
<i>Cassytha filiformis</i>	love vine	
<i>Centella asiatica</i>	spadeleaf	
<i>Cephalanthus occidentalis</i>	common buttonbush	
<i>Chaptalia tomentosa</i>	pineland daisy	
<i>Cladium jamaicense</i>	sawgrass	
<i>Clematis baldwinii</i>	pine hyacinth	
<i>Coelorachis rugosa</i>	wrinkled jointgrass	
<i>Coreopsis floridana</i>	Florida tickseed	
<i>Coreopsis leavenworthii</i>	Leavenworth's tickseed	
<i>Ctenium aromaticum</i>	toothachegrass	
<i>Cuphea carthagenensis</i>	Colombian waxweed	
<i>Cynodon dactylon</i>	bermudagrass	
<i>Dichanthelium ensifolium</i>	cypress witchgrass	
<i>Dichanthelium erectifolium</i>	erectleaf witchgrass	

<i>Dichanthelium</i> sp.	witchgrass	
<i>Diodia virginiana</i>	Virginia buttonweed	
<i>Drosera brevifolia</i>	dwarf sundew	
<i>Drosera capillaris</i>	pink sundew	
<i>Eragrostis elliotii</i>	Elliott's lovegrass	
<i>Eragrostis</i> sp.	lovegrass	
<i>Eriocaulon compressum</i>	flattened pipewort	
<i>Eriocaulon decangulare</i>	tenangle pipewort	
<i>Eryngium aquaticum</i>	rattlesnakemaster	
<i>Eupatorium capillifolium</i>	dogfennel	
<i>Eustachys</i> sp.	fingergrass	
<i>Euthamia caroliniana</i>	slender flattop goldenrod	
<i>Flaveria floridana</i>	Florida yellowtops	
<i>Flaveria linearis</i>	narrowleaf yellowtops	
<i>Fuirena scirpoidea</i>	southern umbrellasedge	
<i>Galium tinctorium</i>	stiff marsh bedstraw	
<i>Gratiola ramosa</i>	branched hedgehyssop	
<i>Helenium pinnatifidum</i>	southeastern sneezeweed	
<i>Heliotropium polyphyllum</i>	pineland heliotrope	
<i>Hydrocotyle</i> sp.	pennywort	
<i>Hydrocotyle verticillata</i>	whorled marshpennywort	
<i>Hymenocallis palmeri</i>	alligatorlily	
<i>Hypericum cistifolium</i>	roundpod St. John's wort	
<i>Hypericum fasciculatum</i>	peelbark St. John's wort	
<i>Hypericum hypericoides</i>	St. Andrew's cross	
<i>Hypericum mutilum</i>	dwarf St. John's wort	
<i>Hypericum myrtifolium</i>	myrtleleaf St. John's wort	
<i>Hypericum tetrapetalum</i>	fourpetal St. John's wort	
<i>Hyptis alata</i>	clustered bushmint	
<i>Ilex cassine</i>	dahoon	
<i>Ilex glabra</i>	gallberry	
<i>Iva microcephala</i>	piedmont marshelder	
<i>Juncus scirpoides</i>	needlepod rush	
<i>Lindernia grandiflora</i>	savannah false pimpernel	
<i>Linum</i> sp.	flax	
<i>Ludwigia arcuata</i>	piedmont primrosewillow	
<i>Ludwigia leptocarpa</i>	anglestem primrosewillow	
<i>Ludwigia palustris</i>	marsh seedbox	
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	EPPC Category I

<i>Ludwigia repens</i>	creeping primrosewillow	
<i>Lycopodiella</i> sp.	club-moss	
<i>Lygodium microphyllum</i>	old world climbing fern	
<i>Lyonia fruticosa</i>	coastalplain staggerbush	
<i>Lythrum alatum</i>	loosestrife	
<i>Mecardonia acuminata</i>	axillflower	
<i>Melaleuca quinquenervia</i>	melaleuca	EPPC Category I
<i>Melochia corchorifolia</i>	chocolateweed	exotic
<i>Mikania scandens</i>	climbing hempvine	
<i>Mitreola sessilifolia</i>	miterwort	
<i>Muhlenbergia capillaris</i>	hairawn muhly	
<i>Myrica cerifera</i>	wax myrtle	
<i>Neyraudia reynaudiana</i>	Burma reed	EPPC Category I
<i>Oxalis corniculata</i>	common yellow woodsorrel	
<i>Oxypolis filiformis</i>	water cowbane	
<i>Panicum anceps</i>	beaked panicum	
<i>Panicum hemitomon</i>	maidencane	
<i>Panicum repens</i>	torpedo grass	EPPC Category I
<i>Panicum</i> sp.	panicum	
<i>Panicum tenerum</i>	bluejoint panicum	
<i>Paspalidium geminatum</i>	Egyptian paspalidium	
<i>Paspalum notatum</i>	bahiagrass	
<i>Paspalum setaceum</i>	thin paspalum	
<i>Paspalum</i> sp.	paspalum	
<i>Phyla nodiflora</i>	turkey tangle fogfruit	
<i>Pinguicula pumila</i>	small butterwort	
<i>Pinus elliotii</i>	South Florida slash pine	
<i>Pinus palustris</i>	longleaf pine	
<i>Piriqueta cistoides</i> ssp. <i>Caroliniana</i>	pitted stripeseed	
<i>Pityopsis graminifolia</i>	narrowleaf silkgrass	
<i>Pluchea odorata</i>	sweetscent	
<i>Pluchea rosea</i>	rosy camphorweed	
<i>Polygala baldwinii</i>	Baldwin's milkwort	
<i>Polygala incarnata</i>	procession flower	
<i>Polygala lutea</i>	orange milkwort	
<i>Polygonum punctatum</i>	dotted smartweed	
<i>Polypremum procumbens</i>	rustweed	
<i>Proserpinaca pectinata</i>	combleaf mermaidweed	
<i>Quercus elliotii</i>	running oak	

<i>Quercus minima</i>	dwarf live oak	
<i>Quercus virginiana</i>	live oak	
<i>Rhexia mariana</i>	pale meadowbeauty	
<i>Rhynchelytrum repens</i>	Natal grass	EPPC Category I
<i>Rhynchospora colorata</i>	starrush whitetop	
<i>Rhynchospora inundata</i>	narrowfruit horned beaksedge	
<i>Rhynchospora latifolia</i>	giant whitetop	
<i>Rhynchospora</i> sp.	beaksedge	
<i>Rhynchospora tracyi</i>	Tracy's beaksedge	
<i>Sabal palmetto</i>	cabbage palm	
<i>Sabatia bartramii</i>	Bartram's rosegentian	
<i>Sabatia grandiflora</i>	largeflower rosegentian	
<i>Saccharum giganteum</i>	sugarcane plumegrass	
<i>Sagittaria graminea</i>	grassy arrowhead	
<i>Sagittaria lancifolia</i>	bulltongue arrowhead	
<i>Salix caroliniana</i>	coastalplain willow	
<i>Sarcostemma clausum</i>	white twinevine	
<i>Schinus terebinthifolius</i>	Brazilian pepper	EPPC Category I
<i>Schizachyrium</i> sp.	bluestem	
<i>Scleria baldwinii</i>	Baldwin's nutrush	
<i>Scleria reticularis</i>	netted nutrush	
<i>Scoparia dulcis</i>	licoriceweed	
<i>Serenoa repens</i>	saw palmetto	
<i>Setaria parviflora</i>	knotroot foxtail	
<i>Sideroxylon reclinatum</i>	Florida bully	
<i>Smilax auriculata</i>	earleaf greenbrier	
<i>Smilax laurifolia</i>	laurel greenbrier	
<i>Spartina bakeri</i>	sand cordgrass	
<i>Sporobolus indicus</i>	smutgrass	exotic
<i>Stillingia aquatica</i>	water toothleaf	
<i>Stillingia sylvatica</i>	queensdelight	
<i>Symphotrichum</i> sp.	aster	
<i>Syngonanthus flavidulus</i>	yellow hatpins	
<i>Syzygium cumini</i>	Java plum	EPPC Category I
<i>Taxodium ascendens</i>	pond cypress	
<i>Teucrium canadense</i>	Canadian germander	
<i>Tillandsia balbisiana</i>	northern needleleaf	
<i>Tillandsia recurvata</i>	ballmoss	
<i>Tillandsia usneoides</i>	Spanish moss	

<i>Triadenum virginicum</i>	Virginia marsh St John's wort	
<i>Urena lobata</i>	Caesar's weed	EPPC Category I
<i>Urochloa mutica</i>	para grass	EPPC Category I
<i>Utricularia cornuta</i>	horned bladderwort	
<i>Utricularia purpurea</i>	eastern purple bladderwort	
<i>Utricularia resupinata</i>	small purple bladderwort	
<i>Utricularia subulata</i>	zigzag bladderwort	
<i>Viola lanceolata</i>	bog white violet	
<i>Vitis rotundifolia</i>	muscadine	
<i>Xyris ambigua</i>	coastalplain yelloweyed-grass	
<i>Xyris elliotii</i>	Elliott's yelloweyed-grass	
<i>Xyris</i> sp.	yelloweyed grass	

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Appendix 1. Plants observed on Babcock Ranch Preserve

Scientific Name	Common Name	Notes
<i>Abrus precatorius</i>	rosary pea	EPPC Category I
<i>Acer rubrum</i>	red maple	
<i>Acmella oppositifolia</i> var. <i>repens</i>	oppositeleaf spotflower	
<i>Acmella</i> sp.	spotflower	
<i>Acrostichum danaeifolium</i>	giant leather fern	
<i>Aeschynomene americana</i>	shyleaf	
<i>Agalinis purpurea</i>	purple false foxglove	
<i>Agalinis</i> sp.	false foxglove	
<i>Albizia lebbbeck</i>	woman's tongue	EPPC Category I
<i>Aletris lutea</i>	yellow colic-root	
<i>Alternanthera philoxeroides</i>	alligator weed	
<i>Amaranthus spinosus</i>	spiny amaranth	
<i>Ambrosia artemisiifolia</i>	common ragweed	
<i>Amorpha herbacea</i>	clusterspike false indigobush	
<i>Ampelopsis arborea</i>	peppervine	
<i>Amphicarpum muhlenbergianum</i>	blue maidencane	
<i>Andropogon brachystachyus</i>	shortspike bluestem	
<i>Andropogon glomeratus</i>	bushy bluestem	weedy
<i>Andropogon glomeratus</i> var. <i>glaucopsis</i>	purple bluestem	weedy
<i>Andropogon gyrans</i>	Elliott's bluestem	
<i>Andropogon</i> sp.	bluestem	
<i>Andropogon ternarius</i>	splitbeard bluestem	
<i>Andropogon virginicus</i>	broomsedge bluestem	weedy
<i>Andropogon virginicus</i> var. <i>glaucus</i>	chalky bluestem	
<i>Annona glabra</i>	pond apple	
<i>Aristida palustris</i>	longleaf threeawn	
<i>Aristida purpurascens</i>	arrowfeather threeawn	
<i>Aristida</i> sp.	threeawn	
<i>Aristida spiciformis</i>	bottlebrush threeawn	
<i>Aristida stricta</i> var. <i>beyrichiana</i>	wiregrass	
<i>Asclepias lanceolata</i>	fewflower milkweed	
<i>Asclepias longifolia</i>	longleaf milkweed	
<i>Asclepias</i> sp.	milkweed	
<i>Asimina reticulata</i>	netted pawpaw	
<i>Asimina reticulata</i>	netted pawpaw	
<i>Asimina</i> sp.	pawpaw	
<i>Axonopus compressus</i>	tropical carpetgrass	
<i>Axonopus fissifolius</i>	common carpetgrass	

<i>Axonopus furcatus</i>	big carpetgrass	
<i>Axonopus</i> sp.	carpetgrass	
<i>Azolla caroliniana</i>	mosquito fern	
<i>Baccharis glomeruliflora</i>	silverling	
<i>Baccharis halimifolia</i>	groundsel tree	
<i>Bacopa caroliniana</i>	lemon bacopa	
<i>Bacopa monnieri</i>	herb-of-grace	
<i>Bacopa</i> sp.	waterhyssop	
<i>Balduina angustifolia</i>	coastalplain honeycomb-head	
<i>Balduina</i> sp.	honeycombhead	
<i>Bartonia verna</i>	white screwstem	
<i>Bejaria racemosa</i>	tarflower	
<i>Berchemia scandens</i>	rattan vine	
<i>Bidens alba</i> var. <i>radiata</i>	beggarticks	
<i>Bidens mitis</i>	smallfruit beggarticks	
<i>Bidens</i> sp.	beggarticks	
<i>Bigelovia nudata</i>	pineland rayless goldenrod	
<i>Blechnum serrulatum</i>	toothed midsorus fern	
<i>Bletia purpurea</i>	pinepink	
<i>Bletia purpurea</i>	pinepink	Threatened-FL
<i>Boehmeria cylindrica</i>	false nettle	
<i>Buchnera americana</i>	American bluehearts	
<i>Bulbostylis ciliatifolia</i>	capillary hairsedge	
<i>Bulbostylis</i> sp.	hairsedge	
<i>Callicarpa americana</i>	American beautyberry	
<i>Callisia ornata</i>	Florida scrub roseling	
<i>Callisia ornata</i>	Florida scrub roseling	
<i>Calopogon multiflorus</i>	many-flowered grass-pink	G2G3 / S2S3
<i>Campyloneurum phyllitidis</i>	long strap fern	
<i>Canna flaccida</i>	bandana-of-the-Everglades	
<i>Carex gigantea</i>	giant sedge	
<i>Carex glaucescens</i>	clustered sedge	
<i>Carex</i> sp.	sedge	
<i>Carex verrucosa</i>	warty sedge	
<i>Carphephorus carnosus</i>	pineland chaffhead	
<i>Carphephorus corymbosus</i>	coastalplain chaffhead	
<i>Carphephorus odoratissimus</i>	vanillaleaf	
<i>Carphephorus paniculatus</i>	hairy chaffhead	
<i>Carphephorus</i> sp.	chaffhead	

<i>Carya aquatica</i>	water hickory	
<i>Cassytha filiformis</i>	love vine	
<i>Centella asiatica</i>	spadeleaf	
<i>Cephalanthus occidentalis</i>	common buttonbush	
<i>Ceratophyllum demersum</i>	coontail	
<i>Chamaecrista fasciculata</i>	partridge pea	
<i>Chapmannia floridana</i>	Florida Alicia	
<i>Chaptalia tomentosa</i>	pineland daisy	
<i>Cinnamomum camphora</i>	camphor tree	EPPC Category I
<i>Cirsium horridulum</i>	purple thistle	weedy
<i>Cirsium nuttallii</i>	Nuttall's thistle	
<i>Cirsium</i> sp.	thistle	
<i>Cissus verticillata</i>	possum grape	
<i>Cladina evansii</i>	lichen	
<i>Cladium jamaicense</i>	sawgrass	
<i>Cladonia leporine</i>	lichen	
<i>Clematis baldwinii</i>	pine hyacinth	
<i>Cnidoscolus stimulosus</i>	tread softly	
<i>Coelorachis rugosa</i>	wrinkled jointgrass	
<i>Commelina diffusa</i>	common dayflower	
<i>Commelina erecta</i>	whitemouth dayflower	
<i>Commelina</i> sp.	dayflower	
<i>Conoclinium coelestinum</i>	blue mistflower	
<i>Conyza canadensis</i>	Canadian horseweed	
<i>Coreopsis floridana</i>	Florida tickseed	
<i>Coreopsis leavenworthii</i>	Leavenworth's tickseed	
<i>Coreopsis</i> sp.	tickseed	
<i>Cornus foemina</i>	swamp dogwood	
<i>Crinum americanum</i>	string lily	
<i>Crotalaria rotundifolia</i>	rabbitbells	
<i>Crotalaria</i> sp.	rattlebox	
<i>Ctenium aromaticum</i>	toothachegrass	
<i>Cupaniopsis anacardioides</i>	carrotwood	EPPC Category I
<i>Cuphea carthagenensis</i>	Colombian waxweed	
<i>Cuphea</i> sp.	waxweed	
<i>Cynanchum angustifolium</i>	Gulf Coast swallowwort	
<i>Cynanchum scoparium</i>	leafless swallowwort	
<i>Cynanchum</i> sp.	swallowwort	
<i>Cynodon dactylon</i>	Bermudagrass	

<i>Cyperus esculentus</i>	yellow nutgrass	
<i>Cyperus giganteus</i>	giant flatsedge	
<i>Cyperus ligularis</i>	swamp flatsedge	
<i>Cyperus</i> sp.	flatsedge	
<i>Dalea carnea</i>	whitetassels	
<i>Dalea pinnata</i>	summer farewell	
<i>Dalea</i> sp.	prairieclover	
<i>Desmodium incanum</i>	zarzabacoa comun	
<i>Desmodium</i> sp.	ticktrefoil	
<i>Dichanthelium commutatum</i>	variable witchgrass	
<i>Dichanthelium dichotomum</i>	cypress witchgrass	
<i>Dichanthelium ensifolium</i>	cypress witchgrass	
<i>Dichanthelium ensifolium</i> var. <i>unciphyllum</i>	cypress witchgrass	
<i>Dichanthelium erectifolium</i>	erectleaf witchgrass	
<i>Dichanthelium</i> sp.	witchgrass	
<i>Dicliptera sexangularis</i>	sixangle foldwing	
<i>Digitaria serotina</i>	blanket crabgrass	
<i>Digitaria</i> sp.	crabgrass	
<i>Diodia teres</i>	poor joe	
<i>Diodia virginiana</i>	Virginia buttonweed	
<i>Diospyros virginiana</i>	common persimmon	
<i>Drosera brevifolia</i>	dwarf sundew	
<i>Drosera capillaris</i>	pink sundew	
<i>Drosera</i> sp.	sundew	
<i>Dyschoriste angusta</i>	pineland twinflower	
<i>Dyschoriste oblongifolia</i>	oblongleaf twinflower	
<i>Dyschoriste</i> sp.	twinflower	
<i>Echinochloa crusgalli</i>	barnyardgrass	
<i>Eclipta prostrata</i>	false daisy	
<i>Eichhornia crassipes</i>	water hyacinth	EPPC Category I
<i>Eleocharis cellulosa</i>	Gulf Coast spikerush	
<i>Eleocharis equisetoides</i>	jointed spikerush	
<i>Eleocharis interstincta</i>	knotted spikerush	
<i>Eleocharis</i> sp.	spikerush	
<i>Elephantopus elatus</i>	tall elephantsfoot	
<i>Elephantopus</i> sp.	elephantsfoot	
<i>Emilia fosbergii</i>	Florida tasselflower	
<i>Encyclia tampensis</i>	Florida butterfly orchid	
<i>Eragrostis elliottii</i>	Elliott's lovegrass	
<i>Eragrostis</i> sp.	lovegrass	

<i>Erechtites hieraciifolius</i>	fireweed	weedy
<i>Erigeron quercifolius</i>	oakleaf fleabane	
<i>Erigeron</i> sp.	fleabane	
<i>Erigeron vernus</i>	early whitetop fleabane	
<i>Eriocaulon compressum</i>	flattened pipewort	
<i>Eriocaulon decangulare</i>	tenangle pipewort	
<i>Eriogonum tomentosum</i>	dogtongue wild buckwheat	
<i>Eryngium aquaticum</i>	rattlesnakemaster	
<i>Eryngium aromaticum</i>	fragrant eryngo	
<i>Eryngium baldwinii</i>	Baldwin's eryngo	
<i>Eryngium</i> sp.	eryngo	
<i>Eryngium yuccifolium</i>	button rattlesnakemaster	
<i>Eucalyptus grandis</i>	grand eucalyptus	exotic
<i>Eulophia alta</i>	wild coco	
<i>Eupatorium capillifolium</i>	dogfennel	weedy
<i>Eupatorium compositifolium</i>	yankeeweed	
<i>Eupatorium leptophyllum</i>	falsefennel	
<i>Eupatorium mikanioides</i>	semaphore thoroughwort	
<i>Eupatorium mohrii</i>	Mohr's thoroughwort	
<i>Eupatorium</i> sp.	thoroughwort	
<i>Euphorbia exserta</i>	coastal sand spurge	
<i>Euphorbia polyphylla</i>	lesser Florida spurge	
<i>Euphorbia</i> sp.	fimbry	
<i>Eustachys glauca</i>	saltmarsh fingergrass	weedy
<i>Eustachys petraea</i>	pinewoods fingergrass	
<i>Eustachys</i> sp.	fingergrass	
<i>Euthamia caroliniana</i>	slender flattop goldenrod	weedy
<i>Euthamia graminifolia</i> var. <i>hirtipes</i>	flattop goldenrod	
<i>Euthamia</i> sp.	flattop goldenrod	
<i>Ficus aurea</i>	strangler fig	
<i>Fimbristylis autumnalis</i>	slender fimbry	
<i>Fimbristylis puberula</i>	hairy fimbry	
<i>Fimbristylis</i> sp.		
<i>Flaveria floridana</i>	Florida yellowtops	
<i>Flaveria linearis</i>	narrowleaf yellowtops	
<i>Flaveria</i> sp.	yellowtops	
<i>Fraxinus caroliniana</i>	Carolina ash	
<i>Fuirena scirpoidea</i>	southern umbrellasedge	
<i>Fuirena</i> sp.	umbrellasedge	
<i>Galactia elliotii</i>	Elliott's milkpea	

<i>Galactia regularis</i>	eastern milkpea	
<i>Galactia</i> sp.	milkpea	
<i>Galactia volubilis</i>	downy milkpea	
<i>Galium</i> sp.	bedstraw	
<i>Galium tinctorium</i>	stiff marsh bedstraw	
<i>Gamochaeta</i> sp.	everlasting	
<i>Gaylussacia dumosa</i>	dwarf huckleberry	
<i>Gaylussacia frondosa</i> var. <i>tomentosa</i>	blue huckleberry	
<i>Gratiola hispida</i>	rough hedgehyssop	
<i>Gratiola pilosa</i>	shaggy hedgehyssop	
<i>Gratiola ramosa</i>	branched hedgehyssop	
<i>Gratiola ramosa</i>	branched hedgehyssop	
<i>Gratiola</i> sp.	hedgehyssop	
<i>Gymnopogon</i> sp.	skeletongrass	
<i>Habenaria floribunda</i>	toothpetal false rein orchid	
<i>Harrisella porrecta</i>	needleroot airplant orchid	
<i>Helenium pinnatifidum</i>	southeastern sneezeweed	
<i>Helianthemum carolinianum</i>	Carolina frostweed	
<i>Helianthemum nashii</i>	Florida scrub frostweed	
<i>Helianthus floridanus</i>	Florida sunflower	
<i>Helianthus radula</i>	stiff sunflower	
<i>Heliotropium polyphyllum</i>	pineland heliotrope	
<i>Hemarthria altissima</i>	limpograss	
<i>Hibiscus grandiflorus</i>	swamp rosemallow	
<i>Houstonia procumbens</i>	roundleaf bluet	
<i>Hydrilla verticillata</i>	hydrilla	EPPC Category I
<i>Hydrocotyle bonariensis</i>	largeleaf marshpennywort	
<i>Hydrocotyle</i> sp.	marshpennywort	
<i>Hydrocotyle umbellata</i>	manyflower marshpennywort	
<i>Hydrocotyle verticillata</i>	whorled marshpennywort	
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	EPPC Category I
<i>Hymenocallis palmeri</i>	alligatorlily	
<i>Hymenocallis puntagordensis</i>	smallcup spiderlily	
<i>Hymenocallis</i> sp.	spiderlily	
<i>Hypericum brachyphyllum</i>	coastalplain St. John's wort	
<i>Hypericum cistifolium</i>	roundpod St. John's wort	
<i>Hypericum fasciculatum</i>	peelbark St. John's wort	
<i>Hypericum galioides</i>	bedstraw St. John's wort	
<i>Hypericum gentianoides</i>	orangegrass	
<i>Hypericum hypericoides</i>	St. Andrew's cross	

<i>Hypericum mutilum</i>	dwarf St. John's wort	
<i>Hypericum myrtifolium</i>	myrtleleaf St. John's wort	
<i>Hypericum reductum</i>	Atlantic St. John's wort	
<i>Hypericum</i> sp.	St. John's wort	
<i>Hypericum tetrapetalum</i>	fourpetal St. John's wort	
<i>Hypoxis curtissii</i>	common yellow stargrass	
<i>Hypoxis juncea</i>	fringed yellow stargrass	
<i>Hypoxis</i> sp.	yellow stargrass	
<i>Hyptis alata</i>	clustered bushmint	
<i>Hyptis pectinata</i>	comb bushmint	
<i>Hyptis</i> sp.	bushmint	
<i>Hyptis verticillata</i>	John Charles	
<i>Ilex cassine</i>	dahoon	
<i>Ilex cassine</i> var. <i>myrtifolia</i>	myrtle dahoon	
<i>Ilex coriacea</i>	large gallberry	
<i>Ilex glabra</i>	gallberry	
<i>Ilex</i> sp.	holly	
<i>Imperata cylindrica</i>	cogon grass	EPPC Category I
<i>Imperata cylindrical</i>	cogon grass	EPPC Category I
<i>Indigofera hirsuta</i>	hairy indigo	
<i>Ipomoea alba</i>	moonflower	
<i>Ipomoea sagittata</i>	saltmarsh morning glory	
<i>Iresine diffusa</i>	Juba's bush	
<i>Iris hexagona</i>	prairie iris	
<i>Iris</i> sp.	iris	
<i>Itea virginica</i>	Virginia willow	
<i>Iva microcephala</i>	Piedmont marshelder	
<i>Juncus effusus</i> ssp. <i>solutus</i>	soft rush	
<i>Juncus marginatus</i>	grassleaf rush	
<i>Juncus megacephalus</i>	bighead rush	
<i>Juncus repens</i>	lesser creeping rush	
<i>Juncus scirpoides</i>	needlepod rush	
<i>Juncus</i> sp.	rush	
<i>Justicia angusta</i>	pineland water-willow	
<i>Lachnanthes caroliana</i>	Carolina redroot	
<i>Lachnocaulon anceps</i>	whitehead bogbutton	
<i>Lachnocaulon minus</i>	Small's bogbutton	
<i>Lachnocaulon</i> sp.	bogbutton	
<i>Landoltia punctata</i>	dotted duckweed	

<i>Lantana camara</i>	lantana	EPPC Category I
<i>Lechea pulchella</i>	Leggett's pinweed	
<i>Lechea</i> sp.	pinweed	
<i>Lechea torreyi</i>	Piedmont pinweed	
<i>Lemna</i> sp.	duckweed	
<i>Lespedeza</i> sp.	lespedeza	
<i>Leucaena leucocephala</i>	lead tree	EPPC Category II
<i>Liatris gracilis</i>	slender gayfeather	
<i>Liatris</i> sp.	gayfeather	
<i>Liatris tenuifolia</i>	shortleaf gayfeather	
<i>Liatris tenuifolia</i> var. <i>quadriflora</i>	shortleaf gayfeather	
<i>Licania michauxii</i>	gopher apple	
<i>Lilium catesbaei</i>	pine lily	Threatened-FL
<i>Limnophila sessiliflora</i>	Asian marshweed	EPPC Category II
<i>Linaria canadensis</i>	Canadian toadflax	
<i>Lindernia crustacea</i>	Malaysian false pimpernel	exotic
<i>Lindernia dubia</i>	moistbank pimpernel	
<i>Lindernia grandiflora</i>	savannah false pimpernel	
<i>Linum medium</i> var. <i>texanum</i>	stiff yellow flax	
<i>Linum</i> sp.	flax	
<i>Lobelia feayana</i>	bay lobelia	
<i>Lobelia paludosa</i>	white lobelia	
<i>Lobelia</i> sp.	lobelia	
<i>Ludwigia arcuata</i>	Piedmont primrosewillow	
<i>Ludwigia leptocarpa</i>	anglestem primrosewillow	
<i>Ludwigia maritima</i>	seaside primrosewillow	
<i>Ludwigia octovalvis</i>	Mexican primrosewillow	
<i>Ludwigia palustris</i>	marsh seedbox	
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	EPPC Category I
<i>Ludwigia repens</i>	creeping primrosewillow	
<i>Ludwigia</i> sp.	primrosewillow	
<i>Lycopodiella</i> sp.	club-moss	
<i>Lycopus rubellus</i>	taperleaf waterhorehound	
<i>Lygodesmia aphylla</i>	rose rush	
<i>Lygodium japonicum</i>	Japanese climbing fern	EPPC Category I
<i>Lygodium microphyllum</i>	old world climbing fern	EPPC Category I
<i>Lyonia ferruginea</i>	rusty staggerbush	
<i>Lyonia fruticosa</i>	coastalplain staggerbush	
<i>Lyonia lucida</i>	fetterbush	

<i>Lythrum alatum</i>	winged loosestrife	
<i>Macroptilium lathyroides</i>	wild bushbean	
<i>Matelea</i> sp.	angle pod, spiny pod	
<i>Mecardonia acuminata</i>	axilflower	
<i>Mecardonia acuminata</i> ssp. <i>peninsularis</i>	axilflower	
<i>Melaleuca quinquenervia</i>	melaleuca	EPPC Category I
<i>Melanthera nivea</i>	snow squarestem	
<i>Melia azedarach</i>	Chinaberry	EPPC Category II
<i>Melochia corchorifolia</i>	chocolateweed	exotic
<i>Melochia</i> sp.	melochia	
<i>Melochia spicata</i>	bretonica peluda	
<i>Melothria pendula</i>	creeping cucumber	
<i>Micranthemum glomeratum</i>	manatee mudflower	
<i>Micranthemum umbrosum</i>	shade mudflower	
<i>Mikania cordifolia</i>	Florida Keys hempvine	
<i>Mikania scandens</i>	climbing hempvine	
<i>Mitreola petiolata</i>	lax hornpod	
<i>Mitreola sessilifolia</i>	swamp hornpod	
<i>Mitreola</i> sp.	hornpod	
<i>Morus rubra</i>	red mulberry	
<i>Muhlenbergia capillaris</i>	hairawn muhly	
<i>Muhlenbergia</i> sp.	muhly	
<i>Murdannia nudiflora</i>	nakedstem dewflower	
<i>Murdannia spirata</i> var. <i>parviflora</i>	Asiatic dewflower	
<i>Myrcianthes fragrans</i>	Simpson's stopper	Threatened-FL
<i>Myrica cerifera</i>	wax myrtle	
<i>Myrica cerifera</i> var. <i>pumila</i>	dwarf wax myrtle	
<i>Myriophyllum</i> sp.	watermilfoil	
<i>Nephrolepis cordifolia</i>	sword fern	EPPC Category I
<i>Nephrolepis exaltata</i>	sword fern	
<i>Nephrolepis</i> sp.	sword fern	
<i>Neyraudia reynaudiana</i>	Burma reed	EPPC Category I
<i>Nuphar advena</i>	yellow pondlily	
<i>Nymphaea odorata</i>	American white waterlily	
<i>Nymphaea</i> sp.	waterlily	
<i>Nymphoides aquatica</i>	big floatingheart	
<i>Nymphoides cordata</i>	little floatingheart	
<i>Nymphoides</i> sp.	Floatingheart	
<i>Nyssa sylvatica</i> var. <i>biflora</i>	swamp tupelo	

<i>Oeceoclades maculata</i>	monk orchid	
<i>Oldenlandia uniflora</i>	clustered mille grains	
<i>Ophioglossum palmatum</i>	hand fern	Endangered-FL
<i>Oplismenus hirtellus</i>	woodsgrass	
<i>Opuntia humifusa</i>	pricklypear	
<i>Osmunda cinnamomea</i>	cinnamon fern	
<i>Osmunda regalis</i> var. <i>spectabilis</i>	royal fern	
<i>Oxalis corniculata</i>	common yellow woodsorrel	
<i>Oxypolis filiformis</i>	water cowbane	
<i>Oxypolis</i> sp.	cowbane	
<i>Packera glabella</i>	butterweed	
<i>Palafoxia feayi</i>	Feay's palafox	
<i>Panicum anceps</i>	beaked panicum	
<i>Panicum hemitomon</i>	maidencane	
<i>Panicum hians</i>	gaping panicum	
<i>Panicum longifolium</i>	longleaf panicum	
<i>Panicum repens</i>	torpedo grass	EPPC Category I
<i>Panicum rigidulum</i>	redtop panicum	
<i>Panicum</i> sp.	panicgrass	
<i>Panicum tenerum</i>	bluejoint panicum	
<i>Panicum virgatum</i>	switchgrass	
<i>Parietaria floridana</i>	Florida pellitory	
<i>Parthenocissus quinquefolia</i>	Virginia creeper	
<i>Paspalidium geminatum</i>	Egyptian paspalidium	
<i>Paspalum dilatatum</i>	dallisgrass	
<i>Paspalum distichum</i>	knotgrass	
<i>Paspalum laeve</i>	field paspalum	
<i>Paspalum notatum</i>	bahiagrass	exotic
<i>Paspalum praecox</i>	early paspalum	
<i>Paspalum repens</i>	water paspalum	
<i>Paspalum setaceum</i>	thin paspalum	
<i>Paspalum</i> sp.	crowgrass	
<i>Paspalum urvillei</i>	vaseygrass	exotic
<i>Passiflora lutea</i>	yellow passion-flower	
<i>Penstemon multiflorus</i>	manyflower beardtongue	
<i>Persea borbonia</i>	red bay	
<i>Persea palustris</i>	swamp bay	
<i>Phanopyrum gymnocarpon</i>	savannah panicum	
<i>Phlebodium aureum</i>	golden polypody	

<i>Phragmites australis</i>	common reed	
<i>Phyla nodiflora</i>	turkey tangle fogfruit	
<i>Physalis</i> sp.	groundcherry	
<i>Physostegia purpurea</i>	eastern false dragon-head	
<i>Phytolacca americana</i>	American pokeweed	
<i>Piloblephis rigida</i>	wild pennyroyal	
<i>Pinguicula lutea</i>	yellow-flowered butterwort	Threatened-FL
<i>Pinguicula pumila</i>	small butterwort	
<i>Pinus elliottii</i>	slash pine	
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida slash pine	
<i>Pinus palustris</i>	longleaf pine	
<i>Piriqueta cistoides</i> ssp. <i>caroliniana</i>	pitted stripeseed	
<i>Pistia stratiotes</i>	water-lettuce	EPPC Category I
<i>Pityopsis graminifolia</i>	narrowleaf silkgrass	
<i>Plantago virginica</i>	Virginia plantain	
<i>Pleopeltis polypodioides</i> var. <i>michauxiana</i>	resurrection fern	
<i>Pluchea foetida</i>	stinking camphorweed	
<i>Pluchea odorata</i>	sweetscent	
<i>Pluchea rosea</i>	rosy camphorweed	
<i>Pluchea</i> sp.	camphorweed	
<i>Polygala baldwinii</i>	Baldwin's milkwort	
<i>Polygala cruciata</i>	drumheads	
<i>Polygala cymosa</i>	tall pinebarren milkwort	
<i>Polygala incarnata</i>	procession flower	
<i>Polygala lutea</i>	orange milkwort	
<i>Polygala nana</i>	candyroot	
<i>Polygala polygama</i>	racemed milkwort	
<i>Polygala ramosa</i>	low pinebarren milkwort	
<i>Polygala setacea</i>	coastalplain milkwort	
<i>Polygala smallii</i>	tiny polygala	
<i>Polygala</i> sp.	milkwort	
<i>Polygonella gracilis</i>	tall jointweed	
<i>Polygonella polygama</i>	october flower	
<i>Polygonum densiflorum</i>	denseflower knotweed	
<i>Polygonum hydropiperoides</i>	swamp smartweed	
<i>Polygonum punctatum</i>	dotted smartweed	
<i>Polygonum</i> sp.	smartweed	
<i>Polypremum procumbens</i>	rustweed	
<i>Pontederia cordata</i>	pickerelweed	

<i>Proserpinaca palustris</i>	marsh mermaidweed	
<i>Proserpinaca pectinata</i>	combleaf mermaidweed	
<i>Proserpinaca</i> sp.	mermaidweed	
<i>Pseudognaphalium</i> sp.	cudweed	
<i>Psidium cattleianum</i>	strawberry guava	EPPC Category I
<i>Psidium guajava</i>	guava	EPPC Category I
<i>Psilotum nudum</i>	whisk fern	
<i>Psychotria nervosa</i>	wild coffee	
<i>Psychotria sulzneri</i>	shortleaf wild coffee	
<i>Pteridium aquilinum</i>	bracken fern	
<i>Pteris vittata</i>	Chinese brake fern	
<i>Pterocaulon pycnostachyum</i>	blackroot	
<i>Pteroglossaspis ecristata</i>	giant orchid	G2G3 / S2
<i>Ptilimnium capillaceum</i>	mock bishopsweed	
<i>Quercus chapmanii</i>	Chapman's oak	
<i>Quercus elliotii</i>	running oak	
<i>Quercus geminata</i>	sand live oak	
<i>Quercus hemisphaerica</i>	laurel oak	
<i>Quercus laurifolia</i>	diamond-leaved oak	
<i>Quercus minima</i>	dwarf live oak	
<i>Quercus myrtifolia</i>	myrtle oak	
<i>Quercus</i> sp.	oak	
<i>Quercus virginiana</i>	live oak	
<i>Rapanea punctata</i>	myrsine	
<i>Rhexia cubensis</i>	West Indian meadowbeauty	
<i>Rhexia mariana</i>	pale meadowbeauty	
<i>Rhexia nashii</i>	maid marian	
<i>Rhexia nuttallii</i>	Nuttall's meadowbeauty	
<i>Rhexia</i> sp.	meadowbeauty	
<i>Rhus copallinum</i>	winged sumac	
<i>Rhynchelytrum repens</i>	Natal grass	EPPC Category I
<i>Rhynchospora colorata</i>	starrush whitetop	
<i>Rhynchospora corniculata</i>	shortbristle horned beaksedge	
<i>Rhynchospora fascicularis</i>	fascicled beaksedge	
<i>Rhynchospora inexpansa</i>	nodding beaksedge	
<i>Rhynchospora inundata</i>	narrowfruit horned beaksedge	
<i>Rhynchospora latifolia</i>	giant whitetop	
<i>Rhynchospora megalocarpa</i>	sandyfield beaksedge	
<i>Rhynchospora microcarpa</i>	southern beaksedge	

<i>Rhynchospora microcephala</i>	bunched beaksedge	
<i>Rhynchospora miliacea</i>	millet beaksedge	
<i>Rhynchospora nitens</i>	shortbeak beaksedge	
<i>Rhynchospora</i> sp.	beaksedge	
<i>Rhynchospora tracyi</i>	Tracy's beaksedge	
<i>Rotala ramosior</i>	lowland rotala	
<i>Rubus argutus</i>	sawtooth blackberry	
<i>Rubus trivialis</i>	southern dewberry	
<i>Rudbeckia hirta</i>	blackeyed susan	
<i>Rudbeckia</i> sp.	blackeyed susan	
<i>Ruellia caroliniensis</i>	Carolina wild petunia	
<i>Ruellia</i> sp.	wild petunia	
<i>Ruellia tweediana</i>	Mexican petunia	EPPC Category I
<i>Rumex</i> sp.	dock	
<i>Rumex verticillatus</i>	swamp dock	
<i>Sabal etonia</i>	scrub palmetto	
<i>Sabal palmetto</i>	cabbage palm	
<i>Sabatia bartramii</i>	Bartram's rosegentian	
<i>Sabatia brevifolia</i>	shortleaf rosegentian	
<i>Sabatia calycina</i>	coastal rosegentian	
<i>Sabatia grandiflora</i>	largeflower rosegentian	
<i>Sabatia</i> sp.	rosegentian	
<i>Saccharum giganteum</i>	sugarcane plumegrass	
<i>Sacciolepis</i> sp.	cupscale	
<i>Sacciolepis striata</i>	American cupscale	
<i>Sacoila lanceolata</i>	leafless beaked orchid	Threatened-FL
<i>Sagittaria graminea</i>	grassy arrowhead	
<i>Sagittaria lancifolia</i>	bulltongue arrowhead	
<i>Sagittaria</i> sp.	arrowhead	
<i>Salix caroliniana</i>	coastalplain willow	
<i>Salvia lyrata</i>	lyreleaf sage	
<i>Salvinia minima</i>	water spangles	
<i>Salvinia minima</i>	water spangles	
<i>Samolus ebracteatus</i>	water pimpernel	
<i>Samolus</i> sp.	pimpernel	
<i>Samolus valerandi</i> ssp. <i>parviflorus</i>	pineland pimpernel	
<i>Sapium sebiferum</i>	Chinese tallow	EPPC Category I
<i>Sarcostemma clausum</i>	white twinevine	
<i>Saururus cernuus</i>	lizard's tail	
<i>Schinus terebinthifolius</i>	Brazilian pepper	EPPC Category I

<i>Schizachyrium scoparium</i>	little bluestem	
<i>Schizachyrium</i> sp.	bluestem	
<i>Schoenus nigricans</i>	black bogrush	
<i>Schoepfia chrysophylloides</i>	graytwig	
<i>Scirpus</i> sp.	bulrush	
<i>Scleria baldwinii</i>	Baldwin's nutrush	
<i>Scleria reticularis</i>	netted nutrush	
<i>Scleria</i> sp.	nutrush	
<i>Scleria triglomerata</i>	whip nutrush	
<i>Scleria verticillata</i>	low nutrush	
<i>Scoparia dulcis</i>	licoriceweed	weedy
<i>Senna pendula</i> var. <i>glabrata</i>	valamuerto	EPPC Category I
<i>Serenoa repens</i>	saw palmetto	
<i>Sericocarpus tortifolius</i>	whiteweed	
<i>Sesbania herbacea</i>	danglepod	weedy
<i>Sesbania punicea</i>	purple sesban	EPPC Category II
<i>Sesbania</i> sp.	riverhemp	
<i>Setaria parviflora</i>	knotroot foxtail	
<i>Setaria</i> sp.	foxtail	
<i>Seymeria pectinata</i>	Piedmont blacksenna	
<i>Sideroxylon reclinatum</i>	Florida bully	
<i>Sideroxylon</i> sp.	sideroxylon	
<i>Sisyrinchium angustifolium</i>	narrowleaf blue-eyed grass	
<i>Sisyrinchium</i> sp.	blue-eyed grass	
<i>Smilax auriculata</i>	earleaf greenbrier	
<i>Smilax bona-nox</i>	saw greenbrier	
<i>Smilax laurifolia</i>	laurel greenbrier	
<i>Smilax rotundifolia</i>	roundleaf greenbrier	
<i>Smilax</i> sp.	greenbrier	
<i>Smilax tamnoides</i>	bristly greenbrier	
<i>Smilax walteri</i>	coral greenbrier	
<i>Solanum</i> sp.	nightshade	
<i>Solanum viarum</i>	tropical soda apple	
<i>Solidago fistulosa</i>	pinebarren goldenrod	
<i>Solidago odora</i>	sweet goldenrod	
<i>Solidago sempervirens</i>	seaside goldenrod	
<i>Solidago</i> sp.	goldenrod	
<i>Sonchus</i> sp.	sowthistle	
<i>Sorghastrum secundum</i>	lopsided indiagrass	

<i>Spartina bakeri</i>	sand cordgrass	
<i>Spartina cynosuroides</i>	big cordgrass	
<i>Spartina</i> sp.	cordgrass	
<i>Spermacoce assurgens</i>	woodland false buttonweed	
<i>Spiranthes praecox</i>	greenvein ladies'-tresses	
<i>Spiranthes</i> sp.	ladies'-tresses	
<i>Spiranthes vernalis</i>	spring ladies'-tresses	
<i>Sporobolus floridanus</i>	Florida dropseed	
<i>Sporobolus indicus</i>	smutgrass	exotic
<i>Sporobolus junceus</i>	pinewoods dropseed	
<i>Sporobolus</i> sp.	dropseed	
<i>Stenandrium dulce</i>	sweet shaggytuft	
<i>Stenotaphrum secundatum</i>	St. Augustine grass	
<i>Stillingia aquatica</i>	water toothleaf	
<i>Stillingia sylvatica</i>	queensdelight	
<i>Syagrus romanzoffiana</i>	queen palm	EPPC Category II
<i>Symphyotrichum adnatum</i>	scaleleaf aster	
<i>Symphyotrichum carolinianum</i>	climbing aster	
<i>Symphyotrichum</i> sp.	aster	
<i>Syngonanthus flavidulus</i>	yellow hatpins	
<i>Syngonium podophyllum</i>	arrowhead vine	exotic
<i>Syzygium cumini</i>	Java plum	EPPC Category I
<i>Taxodium ascendens</i>	pond cypress	
<i>Taxodium distichum</i>	bald cypress	
<i>Teucrium canadense</i>	Canadian germander	
<i>Thalia geniculata</i>	alligatorflag	
<i>Thelypteris interrupta</i>	hottentot fern	
<i>Thelypteris kunthii</i>	southern shield fern	
<i>Thelypteris palustris</i> var. <i>pubescens</i>	marsh fern	
<i>Thelypteris</i> sp.	maiden fern	
<i>Tillandsia balbisiana</i>	northern needleleaf	Threatened-FL
<i>Tillandsia bartramii</i>	Bartram's air-plant	
<i>Tillandsia fasciculata</i>	common wild-pine	Endangered-FL
<i>Tillandsia flexuosa</i>	banded wild-pine	Threatened-FL
<i>Tillandsia paucifolia</i>	potbelly air-plant	
<i>Tillandsia recurvata</i>	ballmoss	
<i>Tillandsia setacea</i>	southern needleleaf	
<i>Tillandsia usneoides</i>	Spanish moss	
<i>Tillandsia utriculata</i>	giant air-plant	Endangered-FL

<i>Toxicodendron radicans</i>	eastern poison ivy	
<i>Tradescantia fluminensis</i>	white-flowered wandering jew	EPPC Category I
<i>Triadenum virginicum</i>	Virginia marsh St John's wort	
<i>Tripsacum dactyloides</i>	eastern gama grass	
<i>Typha domingensis</i>	southern cattail	
<i>Typha latifolia</i>	broadleaf cattail	
<i>Typha</i> sp.	cattail	
<i>Ulmus americana</i>	American elm	
<i>Urena lobata</i>	Caesar's weed	EPPC Category II
<i>Urochloa mutica</i>	para grass	EPPC Category I
<i>Utricularia cornuta</i>	horned bladderwort	
<i>Utricularia foliosa</i>	leafy bladderwort	
<i>Utricularia purpurea</i>	eastern purple bladderwort	
<i>Utricularia resupinata</i>	small purple bladderwort	
<i>Utricularia</i> sp.	bladderwort	
<i>Utricularia subulata</i>	zigzag bladderwort	
<i>Vaccinium corymbosum</i>	highbush blueberry	
<i>Vaccinium darrowii</i>	Darrow's blueberry	
<i>Vaccinium myrsinites</i>	shiny blueberry	
<i>Vaccinium</i> sp.	blueberry	
<i>Vaccinium stamineum</i>	deerberry	
<i>Verbesina virginica</i>	white crownbeard	
<i>Vernonia blodgettii</i>	Florida ironweed	
<i>Vernonia</i> sp.	ironweed	
<i>Viburnum obovatum</i>	small-leaf viburnum	
<i>Vicia acutifolia</i>	fourleaf vetch	
<i>Vicia sativa</i>	common vetch	
<i>Vicia</i> sp.	vetch	
<i>Viola lanceolata</i>	bog white violet	
<i>Viola primulifolia</i>	primroseleaf violet	
<i>Viola</i> sp.	violet	
<i>Vitis aestivalis</i>	summer grape	
<i>Vitis rotundifolia</i>	muscadine	
<i>Vitis shuttleworthii</i>	calloose grape	
<i>Vitis</i> sp.	grape	
<i>Vittaria lineata</i>	shoestring fern	
<i>Woodwardia virginica</i>	Virginia chain fern	
<i>Ximenia americana</i>	hog plum	
<i>Xyris ambigua</i>	coastalplain yelloweyed-grass	
<i>Xyris brevifolia</i>	shortleaf yelloweyed-grass	

<i>Xyris caroliniana</i>	Carolina yelloweyed-grass	
<i>Xyris drummondii</i>	Drummond's yelloweyed-grass	
<i>Xyris elliottii</i>	Elliott's yelloweyed-grass	
<i>Xyris flabelliformis</i>	savannah yelloweyed-grass	
<i>Xyris</i> sp.	yelloweyed-grass	
<i>Youngia japonica</i>	Oriental false hawksbeard	exotic