

STATE AND FEDERAL THREATENED, ENDANGERED, AND OTHER SPECIES OF CONCERN
 LIKELY TO OCCUR IN LIBERTY COUNTY FLORIDA
 Compiled by U.S. Fish and Wildlife Service July 2009

Common Name	Scientific Name	Status State	Status FWS	Natural Communities
FISH:				
Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>	SSC	T CH	ESTUARINE: various MARINE: various habitats RIVERINE: alluvial and blackwater streams
Bluestripe shiner	<i>Cyprinella callitaenia</i>		ce	RIVERINE: alluvial stream
Suwannee bass	<i>Micropterus notius</i>	SSC		RIVERINE: alluvial stream, blackwater stream, spring-run stream
Shoal bass	<i>Micropterus cataractae</i>	SSC		RIVERINE: alluvial stream
AMPHIBIANS & REPTILES:				
Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>	SSC	T CH	PALUSTRINE: wet flatwoods, dome swamp, basin swamp, ruderal TERRESTRIAL: mesic flatwoods (reproduces in ephemeral wetlands within this community)
Eastern indigo snake	<i>Drymarchon corais couperi</i>	T	T	ESTUARINE: tidal swamp PALUSTRINE: hydric hammock, wet flatwoods TERRESTRIAL: mesic flatwoods, upland pine forest, sandhills, scrub, scrubby flatwoods, rockland hammock, ruderal
Coal skink	<i>Eumeces anthracinus</i>		ce	PALUSTRINE: seepage slope, baygall TERRESTRIAL: upland pine forest, upland hardwood forest, mesic flatwoods
Gopher tortoise	<i>Gopherus polyphemus</i>	SSC	ce	TERRESTRIAL: sandhills, scrub, scrubby flatwoods, xeric hammocks, coastal strand, ruderal
Barbour's map turtle	<i>Graptemys barbouri</i>	SSC	ce	PALUSTRINE: floodplain stream, floodplain swamp RIVERINE: alluvial stream
Alligator snapping turtle	<i>Macroclemys temminckii</i>	SSC	ce	ESTUARINE: tidal marsh LACUSTRINE: river floodplain lake, swamp lake RIVERINE: alluvial stream, blackwater stream
Florida pine snake	<i>Pituophis melanoleucus mugitus</i>	SSC	ce	LACUSTRINE: ruderal, sandhill upland lake TERRESTRIAL: sandhill, scrubby flatwoods, xeric hammock, ruderal
Suwannee cooter	<i>Pseudemys concinna suwanniensis</i>	SSC		RIVERINE: alluvial stream, blackwater stream, spring-fed stream
Gopher frog	<i>Rana capito</i>	SSC	ce	TERRESTRIAL: sandhill, scrub, scrubby flatwoods, xeric hammock (reproduces in ephemeral wetlands within these communities)
BIRDS:				
Bachman's sparrow	<i>Aimophila aestivalis</i>		ce	TERRESTRIAL: various, ruderal
Limpkin	<i>Aramus guarauna</i>	SSC		LACUSTRINE: various PALUSTRINE: various RIVERINE: various

E=endangered, T=threatened, P=proposed, C=candidate, s/a=similar appearance, SSC=species of special concern, ce=consideration encouraged, CH=Critical Habitat, BGEPA=Bald and Golden eagle protection act

This is not an exhaustive list of where species do occur, but a guide to indicate areas that might require surveys if appropriate habitat exists. Please contact Florida Natural Areas Inventory (850-224-8207) for additional species location information.

STATE AND FEDERAL THREATENED, ENDANGERED, AND OTHER SPECIES OF CONCERN
 LIKELY TO OCCUR IN LIBERTY COUNTY FLORIDA
 Compiled by U.S. Fish and Wildlife Service July 2009

Common Name	Scientific Name	Status State	Status FWS	Natural Communities
Little blue heron	<i>Egretta caerulea</i>	SSC		ESTUARINE: marshes, shoreline PALUSTRINE: floodplains, swamps RIVERINE: shoreline
Snowy egret	<i>Egretta thula</i>	SSC		ESTUARINE: marshes, tidal swamps, shoreline LACUSTRINE: lake edges PALUSTRINE: swamp, floodplain, ruderal RIVERINE: shoreline
Tricolored heron	<i>Egretta tricolor</i>	SSC		ESTUARINE: marshes, tidal swamps, shoreline LACUSTRINE: lake edges PALUSTRINE: swamp, floodplain, ruderal RIVERINE: shoreline
Arctic peregrine falcon	<i>Falco peregrinus tundrius</i>	E	ce	ESTUARINE: winters along coasts LACUSTRINE: various PALUSTRINE: various TERRESTRIAL: various, ruderal
Southeastern kestrel	<i>Falco sparverius paulus</i>	T	ce	ESTUARINE: various habitats PALUSTRINE: various habitats TERRESTRIAL: open pine forests, clearings, ruderal, various
Florida sandhill crane	<i>Grus canadensis pratensis</i>	T		LACUSTRINE: flatwoods/prairie lake, marsh lake PALUSTRINE: swale, basin marsh, depression marsh, bog, marl prairie, wet prairie TERRESTRIAL: dry prairie, ruderal
Bald eagle	<i>Haliaeetus leucocephalus</i>		BGEPA	ESTUARINE: marsh edges, tidal swamp, open water LACUSTRINE: swamp lakes, edges PALUSTRINE: swamp, floodplain RIVERINE: shoreline, open water TERRESTRIAL: pine and hardwood forests, clearings
Wood stork	<i>Mycteria americana</i>	E	E	ESTUARINE: marshes LACUSTRINE: floodplain lakes, marshes (feeding), various PALUSTRINE: marshes, swamps, various
Red-cockaded woodpecker	<i>Picoides borealis</i>	SSC	E	TERRESTRIAL: mature pine forests
Black skimmer	<i>Rynchops niger</i>	SSC		ESTUARINE: various LACUSTRINE: various RIVERINE: various TERRESTRIAL: ocean beaches, beach dune, ruderal. Nests common on rooftops.
MAMMALS:				
Round-tailed muskrat	<i>Neofiber alleni</i>		ce	ESTUARINE: tidal marsh LACUSTRINE: marsh lake, flatwoods/prairie lake PALUSTRINE: floodplain marsh, swale, depression marsh, basin marsh
Southeastern big-eared bat	<i>Plecotus rafinesquii</i>		ce	PALUSTRINE: various, floodplains TERRESTRIAL: pine and hardwood forests, ruderal, various

E=endangered, T=threatened, P=proposed, C=candidate, s/a=similar appearance, SSC=species of special concern, ce=consideration encouraged, CH=Critical Habitat, BGEPA=Bald and Golden eagle protection act

This is not an exhaustive list of where species do occur, but a guide to indicate areas that might require surveys if appropriate habitat exists. Please contact Florida Natural Areas Inventory (850-224-8207) for additional species location information.

STATE AND FEDERAL THREATENED, ENDANGERED, AND OTHER SPECIES OF CONCERN
 LIKELY TO OCCUR IN LIBERTY COUNTY FLORIDA
 Compiled by U.S. Fish and Wildlife Service July 2009

Common Name	Scientific Name	Status State	Status FWS	Natural Communities
Florida black bear	<i>Ursus americanus floridanus</i>	T	ce	PALUSTRINE: titi swamps, floodplains TERRESTRIAL: pine and hardwood forests
INVERTEBRATES:				
Fat threeridge (mussel)	<i>Amblema neislerii</i>		E CH	RIVERINE: main channels of small to large rivers; slow to moderate currents; various substrates (Panhandle watersheds: Apalachicola, Chipola)
Apalachicola floater (mussel)	<i>Anodonta heardi</i>		ce	RIVERINE: floodplain lakes and backwater areas of large rivers in muddy substrates (Panhandle watersheds: Apalachicola)
Rayed creekshell (mussel)	<i>Anodontoides radiatus</i>		ce	RIVERINE: Small to medium sized creeks in substrates of mud, sandy mud, or sand and gravel (Panhandle watersheds: Apalachicola, Chipola, Escambia, Choctawhatchee)
Purple bankclimber (mussel)	<i>Elliptoideus sloatianus</i>		T CH	RIVERINE: small to large rivers in slow to moderate currents over sand, sand mixed with mud, or gravel substrates (Panhandle watersheds: Apalachicola, Ochlockonee)
Shinyrayed pocketbook (mussel)	<i>Hamiota subangulata</i>		E CH	RIVERINE: medium-sized creeks to mainstem rivers; clean or silty sand substrates, in slow to moderate currents (Panhandle watersheds: Chipola, Ochlockonee upstream of Lake Talquin, Econfina Creek)
Gulf moccasinshell (mussel)	<i>Medionidus penicillatus</i>		E CH	RIVERINE: medium-sized creeks to large rivers with sand and gravel substrates in slow to moderate currents (Panhandle watersheds: Chipola, Econfina Creek)
Oval pigtoe (mussel)	<i>Pleurobema pyriforme</i>		E CH	RIVERINE: medium-sized creeks to small rivers; various substrates; slow to moderate currents (Panhandle watersheds: Chipola, Econfina Creek, Ochlockonee)
Sculptured pigtoe (mussel)	<i>Quadrula infucata</i>		ce	RIVERINE: small streams to large rivers in sandy, muddy sand, or fine gravel substrates, pools, and rocky areas with swift current, often under debris (Panhandle watersheds: Apalachicola, Chipola)
Downy rainbow (mussel)	<i>Villosa villosa</i>		ce	RIVERINE: small streams to large rivers in sand or muddy sand substrates (Panhandle watersheds: Apalachicola, Chipola, Escambia, Choctawhatchee, Ochlockonee, Suwannee)
PLANTS:				
White baneberry	<i>Actaea pachypoda</i>	E		RIVERINE: spring-run stream banks TERRESTRIAL: bluff, slope forest estuarine

E=endangered, T=threatened, P=proposed, C=candidate, s/a=similar appearance, SSC=species of special concern, ce=consideration encouraged, CH=Critical Habitat, BGEPA=Bald and Golden eagle protection act

This is not an exhaustive list of where species do occur, but a guide to indicate areas that might require surveys if appropriate habitat exists. Please contact Florida Natural Areas Inventory (850-224-8207) for additional species location information.

STATE AND FEDERAL THREATENED, ENDANGERED, AND OTHER SPECIES OF CONCERN
 LIKELY TO OCCUR IN LIBERTY COUNTY FLORIDA
 Compiled by U.S. Fish and Wildlife Service July 2009

Common Name	Scientific Name	Status State	Status FWS	Natural Communities
Marianna columbine	<i>Aquilegia canadensis var australis</i>	E	ce	PALUSTRINE: floodplain forest TERRESTRIAL: bluff; soil over limestone
Sicklepod	<i>Arabis canadensis</i>	E		TERRESTRIAL: upland mixed forest, limestone outcrops
Southern milkweed	<i>Asclepias viridula</i>	T	ce	PALUSTRINE: wet prairie, seepage slope edges RIVERINE: seepage stream banks TERRESTRIAL: mesic flatwoods, drainage ditches
Apalachicola wild indigo	<i>Baptisia megacarpa</i>	E		PALUSTRINE: floodplain forest TERRESTRIAL: upland mixed forest, slope forest
Scare-weed	<i>Baptisia simplicifolia</i>	T	ce	TERRESTRIAL: mesic flatwoods, sandhill; on disturbed sites
Apalachicola dolls daisy	<i>Boltonia apalachicolensis</i>		ce	PALUSTRINE: Floodplain Forest
Buckthorn	<i>Bumelia lycioides</i>	E		PALUSTRINE: bottomland forest, dome swamp, floodplain forest TERRESTRIAL: upland hardwood forest
Sweet shrub	<i>Calycanthus floridus</i>	E		TERRESTRIAL: upland hardwood forest, slope forest, bluffs PALUSTRINE: bottomland forest, stream banks, floodplains
Baltzell's sedge	<i>Carex baltzellii</i>	T	ce	TERRESTRIAL: slope forest, moist sandy loam; moist sandy loam
Apalachicola rosemary	<i>Conradina glabra</i>	E	E	TERRESTRIAL: sandhill dissected by ravines of the Sweetwater Creek system. Light shade to full sunlight; along edges of ravines, pine plantations, and roadsides.
Washington thorn	<i>Crataegus phaenopyrum</i>	E		PALUSTRINE: basin swamp, basin marsh, edges of wet areas
Croomia	<i>Croomia pauciflora</i>	E	ce	TERRESTRIAL: slope forest
Canada honewort	<i>Cryptotaenia canadensis</i>	E		PALUSTRINE: floodplain forest, bottomland forest RIVERINE: alluvial stream bank
Trailing arbutus	<i>Epigaea repens</i>	E		TERRESTRIAL: bluff, slope forest, mixed hardwood forest
Wiregrass gentian	<i>Gentiana pennelliana</i>	E	ce	PALUSTRINE: seepage slope, wet prairie, roadside ditches TERRESTRIAL: mesic flatwoods, planted slash pine
Harper's beauty	<i>Harperocallis flava</i>	E	E	PALUSTRINE: wet prairie, seepage slope, roadsides, edges of titi swamps
Heartleaf	<i>Hexastylis arifolia</i>	T		RIVERINE: seepage stream bank TERRESTRIAL: slope forest
Wild hydrangea	<i>Hydrangea arborescens</i>	E		TERRESTRIAL: bluff
Panhandle spiderlily	<i>Hymenocallis henryae</i>	E	ce	PALUSTRINE: dome swamp edges, wet prairie, wet flatwoods, baygall edges, swamp edges TERRESTRIAL: wet prairies and flatwoods

E=endangered, T=threatened, P=proposed, C=candidate, s/a=similar appearance, SSC=species of special concern, ce=consideration encouraged, CH=Critical Habitat, BGEPA=Bald and Golden eagle protection act

This is not an exhaustive list of where species do occur, but a guide to indicate areas that might require surveys if appropriate habitat exists. Please contact Florida Natural Areas Inventory (850-224-8207) for additional species location information.

STATE AND FEDERAL THREATENED, ENDANGERED, AND OTHER SPECIES OF CONCERN
 LIKELY TO OCCUR IN LIBERTY COUNTY FLORIDA
 Compiled by U.S. Fish and Wildlife Service July 2009

Common Name	Scientific Name	Status State	Status FWS	Natural Communities
Florida anise	<i>Illicium floridanum</i>	T		PALUSTRINE: floodplain forest, baygall RIVERINE: seepage stream bank TERRESTRIAL: slope forest, seepage slope
Mountain laurel	<i>Kalmia latifolia</i>	T		RIVERINE: seepage stream bank TERRESTRIAL: slope forest, seepage stream banks
Southern red lily	<i>Lilium catesbaei</i>	T		PALUSTRINE: wet prairie, wet flatwoods, seepage slope TERRESTRIAL: mesic flatwoods, seepage slope; usually with grasses
Harper's grooved yellow flax	<i>Linum sulcatum var harperi</i>		ce	PALUSTRINE: wet flatwoods TERRESTRIAL: mesic flatwoods; in site-prepped areas
West's flax	<i>Linum westii</i>	E	ce	PALUSTRINE: dome swamp, depression marsh, wet flatwoods, wet prairie, pond margins
Curtiss' loosestrife	<i>Lythrum curtissii</i>	E	ce	PALUSTRINE: wet flatwoods edges, floodplain swamp, seepage slope, dome swamp edges TERRESTRIAL: seepage slope
White birds-in-a-nest	<i>Macbridea alba</i>	E	T	PALUSTRINE: seepage slope TERRESTRIAL: grassy mesic pine flatwoods, savannahs, roadsides, and similar habitat.
Hummingbird flower	<i>Macranthera flammea</i>	E		PALUSTRINE: seepage slope, dome swamp edges, floodplain swamps RIVERINE: seepage stream banks TERRESTRIAL: seepage slopes
Ashe's magnolia	<i>Magnolia ashei</i>	E		TERRESTRIAL: slope and upland hardwood forest, ravines
Pyramid magnolia	<i>Magnolia pyramidata</i>	E		TERRESTRIAL: slope forest
Green adder's-mouth	<i>Malaxis unifolia</i>	E		PALUSTRINE: floodplain forest TERRESTRIAL: slope forest, upland mixed forest
Alabama anglepod	<i>Matelea alabamensis</i>	E	ce	TERRESTRIAL: bluff, slope forest, upland hardwood forest; on slopes
Florida spiny-pod	<i>Matelea floridana</i>	E	ce	TERRESTRIAL: upland mixed forest, upland hardwood forest
Florida bear-grass	<i>Nolina atopocarpa</i>	T	ce	TERRESTRIAL: mesic flatwoods grassy areas
Carolina grass-of-parnassus	<i>Parnassia caroliniana</i>	E	ce	PALUSTRINE: seepage slope TERRESTRIAL: mesic flatwoods
Large-flowered grass-of-parnassus	<i>Parnassia grandifolia</i>	E		PALUSTRINE: dome swamp margins, seepage slope RIVERINE: blackwater stream, spring-run stream edge TERRESTRIAL: mesic flatwoods

E=endangered, T=threatened, P=proposed, C=candidate, s/a=similar appearance, SSC=species of special concern, ce=consideration encouraged, CH=Critical Habitat, BGEPA=Bald and Golden eagle protection act

This is not an exhaustive list of where species do occur, but a guide to indicate areas that might require surveys if appropriate habitat exists. Please contact Florida Natural Areas Inventory (850-224-8207) for additional species location information.

STATE AND FEDERAL THREATENED, ENDANGERED, AND OTHER SPECIES OF CONCERN
 LIKELY TO OCCUR IN LIBERTY COUNTY FLORIDA
 Compiled by U.S. Fish and Wildlife Service July 2009

Common Name	Scientific Name	Status State	Status FWS	Natural Communities
Godfrey's (violet) butterwort	<i>Pinguicula ionantha</i>	E	T	PALUSTRINE: wet flatwoods, wet prairie, bog; in shallow water RIVERINE: seepage slope; in shallow water. Also, roadside ditches and similar habitat.
Chapman's butterwort	<i>Pinguicula planifolia</i>	T	ce	PALUSTRINE: wet flatwoods, seepage slopes, bog, dome swamp, ditches; in water
Bent golden aster	<i>Pityopsis flexuosa</i>	E	ce	TERRESTRIAL: sandhill, upland pine forest, ruderal
Yellow fringed orchid	<i>Platanthera ciliaris</i>	T		PALUSTRINE: bogs, wet flatwoods TERRESTRIAL: Bluff
Yellow fringeless orchid	<i>Platanthera integra</i>	E	ce	PALUSTRINE: wet prairie, seepage slope TERRESTRIAL: mesic flatwoods
Wild coco	<i>Pteroglossaspis ecristata</i>	T	ce	TERRESTRIAL: pine rockland, upland hardwood forest, scrubby flatwoods, mesic flatwoods; on moist sand
Meadowbeauty	<i>Rhexia parviflora</i>	E	ce	PALUSTRINE: dome swamp margin, seepage slope, depression marsh; on slopes; with hypericum
Orange azalea	<i>Rhododendron austrinum</i>	E		PALUSTRINE: bottomland forest RIVERINE: seepage stream bank TERRESTRIAL: slope forest, upland mixed forest
Chapman's rhododendron	<i>Rhododendron chapmanii</i>	E	E	PALUSTRINE: seepage slope (titi bog) TERRESTRIAL: mesic flatwoods; ecotone between flatwoods or more xeric longleaf communities and titi bogs.
White-top pitcher plant	<i>Sarracenia leucophylla</i>	E	ce	PALUSTRINE: wet prairie, seepage slope, baygall edges, ditches
Parrot pitcher plant	<i>Sarracenia psittacina</i>	T		PALUSTRINE: wet flatwoods, wet prairie, seepage slope
Decumbant pitcher plant	<i>Sarracenia purpurea</i>	T		PALUSTRINE: Bogs
Florida skullcap	<i>Scutellaria floridana</i>	E	T	PALUSTRINE: seepage slope, wet flatwoods, grassy openings TERRESTRIAL: mesic flatwoods
Gentian pinkroot	<i>Spigelia gentianoides</i>	E	E	TERRESTRIAL: mixed hardwood forest; rich humus
American bladdernut	<i>Staphylea trifolia</i>	E		PALUSTRINE: bottomland forest TERRESTRIAL: upland mixed forest, slope forest; at interface of bluff and floodplain
Silky camellia	<i>Stewartia malacodendron</i>	E		PALUSTRINE: baygall PALUSTRINE: slope forest, upland mixed forest, TERRESTRIAL: slope forest, upland mixed forest; acid soils
Florida yew	<i>Taxus floridana</i>	E	ce	PALUSTRINE: dome swamp TERRESTRIAL: slope forest
Florida torreya	<i>Torreya taxifolia</i>	E	E	TERRESTRIAL: slope forest, upland mixed forest, and ravines.

E=endangered, T=threatened, P=proposed, C=candidate, s/a=similar appearance, SSC=species of special concern, ce=consideration encouraged, CH=Critical Habitat, BGEPA=Bald and Golden eagle protection act

This is not an exhaustive list of where species do occur, but a guide to indicate areas that might require surveys if appropriate habitat exists. Please contact Florida Natural Areas Inventory (850-224-8207) for additional species location information.

STATE AND FEDERAL THREATENED, ENDANGERED, AND OTHER SPECIES OF CONCERN
 LIKELY TO OCCUR IN LIBERTY COUNTY FLORIDA
 Compiled by U.S. Fish and Wildlife Service July 2009

Common Name	Scientific Name	Status State	Status FWS	Natural Communities
Narrow-leaved trillium	<i>Trillium lancifolium</i>	E		PALUSTRINE: bottomland forest TERRESTRIAL: upland mixed forest, slope forest
False hellebore	<i>Veratrum woodii</i>	E		TERRESTRIAL: slope forest
Chapman's crownbeard	<i>Verbesina chapmanii</i>	T	ce	PALUSTRINE: seepage slope TERRESTRIAL: mesic flatwoods with wiregrass (<i>Aristida stricta</i>)
Drummond's yellow-eyed grass	<i>Xyris drummondii</i>		ce	PALUSTRINE: wet flatwoods, bog, seepage slopes, ditches
Harper's yellow-eyed grass	<i>Xyris scabrifolia</i>	T	ce	PALUSTRINE: seepage slope, wet prairie, bogs

E=endangered, T=threatened, P=proposed, C=candidate, s/a=similar appearance, SSC=species of special concern, ce=consideration encouraged, CH=Critical Habitat, BGEPA=Bald and Golden eagle protection act

This is not an exhaustive list of where species do occur, but a guide to indicate areas that might require surveys if appropriate habitat exists. Please contact Florida Natural Areas Inventory (850-224-8207) for additional species location information.