

FW SPONGES - Phylum Porifera

Common Name	Scientific Name	Range Limited?
Oklawaha sponge	<i>Dosilia palmeri</i>	~Yes? - Marion County

FW SNAILS & SLUGS - Class Gastropoda

Common Name	Scientific Name	Range Limited?
Blue Spring hydrobe	<i>Aphaostracon asthenes</i>	Yes - one spring
Freemouth hydrobe	<i>Aphaostracon chalarogyrus</i>	Yes - one spring
Wekiwa hydrobe	<i>Aphaostracon monas</i>	Yes - one spring and spring run
Dense hydrobe	<i>Aphaostracon pycnum</i>	Yes - one spring run
Clifton Springs hydrobe	<i>Aphaostracon theiocrenetum</i>	Yes - one spring run
Fenney Springs hydrobe	<i>Aphaostracon xynoelictum</i>	Yes - one spring
	<i>Cincinnatia helicogyra</i>	
Helicoid Spring siltsnail	[<i>Floridobia helicogyra</i>]	Yes - associated springs and spring-fed lagoon
	<i>Cincinnatia mica</i> [<i>Floridobia mica</i>]	
Ichetucknee siltsnail	<i>Cincinnatia monroensis</i>	Yes - one spring
Enterprise siltsnail	[<i>Floridobia monroensis</i>]	Yes - one seepage run
	<i>Cincinnatia parva</i> [<i>Floridobia parva</i>]	
Blue Spring siltsnail	<i>Cincinnatia ponderosa</i>	Yes - one spring run
Sanlando Spring siltsnail	[<i>Floridobia ponderosa</i>]	Yes - one spring run
	<i>Cincinnatia vanhyningi</i>	
Seminole Spring siltsnail	[<i>Floridobia vanhyningi</i>]	Yes - one spring run
	<i>Cincinnatia wekiwae</i>	
Wekiwa siltsnail	[<i>Floridobia wekiwae</i>]	Yes - one spring run
Shaggy ghostsnail	<i>Dasyscias franzi</i>	Yes - one spring
Clench's goniobasis	<i>Elimia clenchi</i>	Yes - restricted area of one river and tributaries

TERRESTRIAL AND TREE SNAILS & SLUGS - Class Gastropoda

Common Name	Scientific Name	Range Limited?
	<i>Liguus fasciatus</i>	~Yes - habitat limited to tropical hardwood hammock
Florida (Matecumbe) tree snail	<i>matecumbensis</i>	Yes - Lower Keys (Grassy to Key West)
Florida Keys tree snail	<i>Orthalicus reses nesodryas</i>	Yes - naturally restricted to Stock Island; reintroduced elsewhere
Stock Island tree snail	<i>Orthalicus reses reses</i>	

FW MUSSELS & CLAMS - Class Bivalvia

Common Name	Scientific Name	Range Limited?
Triangle floater	<i>Alasmidonta undulata</i>	Yes - Chipola, Apalachicola
Ochlockonee arc-mussel	<i>Alasmidonta wrightiana</i>	Yes - Ochlockonee (historic)
Fat threeridge	<i>Amblema neislerii</i>	Yes - Apalachicola
Apalachicola floater	<i>Anodonta heardi</i>	Yes - Apalachicola
Flat floater	<i>Anodonta suborbiculata</i>	~Yes - Escambia, other states ~Yes - Escambia, Choctawhatchee,
		Apalachicola, Chipola, other states
Delicate spike	<i>Elliptio arctata</i>	Yes - Chipola, Apalachicola
Chipola slabshell	<i>Elliptio chipolaensis</i>	~Yes - Escambia, Choctawhatchee, other states
Fluted elephant-ear	<i>Elliptio mcmichaeli</i>	
Inflated spike	<i>Elliptio purpurella</i>	Yes - Apalachicola, Ochlockonee
Purple bankclimber	<i>Elliptoideus sloatianus</i>	Yes - Apalachicola, Ochlockonee

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Narrow pigtoe	<i>Fusconaia escambia</i>	Yes - Escambia, Yellow
Round ebonyshell	<i>Fusconaia rotulata</i>	Yes - Escambia
Round pearlshell	<i>Glebula rotundata</i>	Yes - Escambia
Southern sandshell	<i>Lampsilis australis</i> [Hamiota australis, Villosa australis]	Yes - Choctawhatchee
Southern pocketbook	<i>Lampsilis ornata</i> <i>Lampsilis subangulata</i> [Hamiota subangulata, Villosa subangulata]	~Yes - Escambia, other states
Shiny-rayed pocketbook	Villosa subangulata]	Yes - Chipola, Apalachicola, Ochlockonee
Yellow sandshell	<i>Lampsilis teres</i>	~Yes - Apalachicola, Chipola, other states
Alabama moccasinshell	<i>Medionidus acutissimus</i>	~Yes - Escambia, Yellow, and Choctawhatchee (historic - may be extirpated), other states
Gulf moccasinshell	<i>Medionidus penicillatus</i>	Yes - Choctawhatchee, Apalachicola, Econfina Creek
Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>	Yes - Ochlockonee
Suwannee moccasinshell	<i>Medionidus walkeri</i>	Yes - Suwannee, Santa Fe, Withlatchoochee North
Washboard	<i>Megaloniais nervosa</i>	~Yes - Escambia, Apalachicola, Ochlockonee, other states
Oval pigtoe	<i>Pleurobema pyriforme</i>	Yes - Chipola
Fuzzy pigtoe	<i>Pleurobema strodeanum</i>	Yes - Choctawhatchee, Escambia
Southern kidneyshell	<i>Ptychobranhus jonesi</i>	Yes - Choctawhatchee
Tapered pigtoe	<i>Quincuncina burkei</i>	Yes - Choctawhatchee
Southern creekmussel	<i>Strophitus subvexus</i>	~Yes - Chipola, Choctawhatchee, other states
Choctaw bean	<i>Villosa choctawensis</i>	Yes - Choctawhatchee, Yellow, Escambia
Downy rainbow	<i>Villosa villosa</i>	~Yes - Escambia to Withlatchoochee, other states

SPIDERS & ALLIES - Class Arachnida

Common Name	Scientific Name	Range Limited?
Dusky-handed tailless whip scorpion	<i>Paraphrynus raptator</i>	Yes - Key West
Lake Placid funnel wolf spider	<i>Sosippus placidus</i>	~Yes - scrub, small number of sites
Key gnaphosid (Keys cesonia) spider	<i>Cesonia irvingi</i>	Yes - Florida Keys

AMPHIPODS & ISOPODS - Orders Amphipoda & Isopoda

Common Name	Scientific Name	Range Limited?
Rock Springs cave isopod	<i>Caecidotea sp. 1</i>	? Probably yes
Econfina Springs cave isopod	<i>Caecidotea sp. 8</i>	? Probably yes

FW SHRIMP & CRAYFISH - Order Decapoda

Common Name	Scientific Name	Range Limited?
Squirrel Chimney Cave shrimp	<i>Palaemonetes cummingi</i>	Yes - one sinkhole
Cypress crayfish	<i>Cambarellus blacki</i>	~Yes - cypress ponds within 25 mi.
Fire-back (Red-back) crayfish	<i>Cambarus pyronotus</i>	Yes - small area of tributaries
Orlando (Palm Springs) cave crayfish	<i>Procambarus acherontis</i>	Yes - small area of springs, wells

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Silver Glen Springs (cave) crayfish	<i>Procambarus attiguus</i>	Yes - one spring
Big-cheeked cave crayfish	<i>Procambarus delicatus</i>	Yes - one spring
Panama City crayfish	<i>Procambarus econfinae</i>	Yes - portion of Bay County
Santa Fe (Sim's Sink) cave crayfish	<i>Procambarus erythropros</i>	~Yes - several caves southern Suwannee Co.
Escambia crayfish	<i>Procambarus escambiensis</i>	Yes - one locality
Orange Lake cave crayfish	<i>Procambarus franzi</i>	Yes - 3 caves within 10 miles
Big Blue Spring cave crayfish	<i>Procambarus horsti</i>	~Yes - springs within 25 miles
Wingtail crayfish	<i>Procambarus latipleurum</i>	~Yes - sites within 15 miles
Coastal lowland cave crayfish	<i>Procambarus leitheuseri</i>	~Yes - springs within 20 miles
Withlacoochee light-fleeing cave crayfish	<i>Procambarus lucifugus lucifugus</i>	Yes - one cave
Miami cave crayfish	<i>Procambarus milleri</i>	~Yes - 2 wells within 20 miles
Putnam County cave crayfish	<i>Procambarus morrisi</i>	Yes - one sink ~Yes - several caves, springs, sinks within 20 miles
Woodville (Karst) cave crayfish	<i>Procambarus orcinus</i>	Yes - one locality
Perfect crayfish	<i>Procambarus rogersi expletus</i>	Yes - one locality
Seepage crayfish	<i>Procambarus rogersi rogersi</i>	Yes - portion of Calhoun County

MAYFLIES - Order Ephemeroptera

Common Name	Scientific Name	Range Limited?
	<i>Stenonema modestum</i>	
A mayfly	[<i>Maccaffertium modestum</i>]	~Yes - Blackwater tributary FL; other states
A mayfly	<i>Brachycercus nasutus</i>	~Yes - Escambia, Yellow; AL

DRAGONFLIES & DAMSELFLIES - Order Odonata

Common Name	Scientific Name	Range Limited?
Eastern ringtail	<i>Erpetogomphus designatus</i>	~Yes - Apalachicola River in FL; other states
Gulf Coast clubtail	<i>Gomphus modestus</i>	~Yes - Yellow River in FL (1973); other states
Cobra clubtail	<i>Gomphus vastus</i>	~Yes - Apalachicola River in FL; other states
Diminutive (Westfall's) clubtail	<i>Gomphus westfalli</i>	Yes - w. tributaries Blackwater River
Laura's clubtail	<i>Stylurus laurae</i>	~Yes - tributaries to Apalachicola; other states
Bronze (Townes') clubtail	<i>Stylurus townesi</i>	~Yes - Blackwater River; other states
Robust tongtail	<i>Epitheca spinosa</i>	~Yes - one swamp FL; other states ~Yes - Apalachicola, Choctawhatchee, Escambia; other states
Smoky shadowfly	<i>Neurocordulia molesta</i>	
American rubyspot	<i>Hetaerina americana</i>	~Yes - Chipola; other states

GRASSHOPPERS & ALLIES - Order Orthoptera

Common Name	Scientific Name	Range Limited?
Big Pine Key conehead katydid	<i>Belocephalus micanopy</i>	Yes - Big Pine Key
Keys short-winged conehead katydid	<i>Belocephalus sleighti</i>	Yes - Florida Keys
Keys scaly cricket	<i>Cycloptilum irregularis</i>	Yes - Florida Keys
Torreyia pygmy grasshopper	<i>Tettigidea empedonepia</i>	Yes - one known site in Florida

BEETLES - Order Coleoptera

Common Name	Scientific Name	Range Limited?
Highlands tiger beetle	<i>Cicindela highlandensis</i>	~Yes - scrub patches in 2 counties central FL

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Olive tiger beetle	<i>Cicindela olivacea</i>	~Yes - Florida Keys ~Yes - widely distributed but obligate to gopher tortoise burrows
Gopher tortoise hister beetle	<i>Chelyoxenus xerobatis</i>	
Archbold (Scrub) anomala scarab beetle	<i>Anomala eximia</i>	~Yes - sand pine scrub Highlands County
Panhandle beach anomala scarab beetle	<i>Anomala flavipennis okaloosensis</i>	~Yes - coastal dunes Santa Rosa and Okaloosa counties
Gopher tortoise aphodius commensal scarab beetle	<i>Aphodius troglodytes</i>	~Yes - widely distributed but obligate to gopher tortoise burrows
Gopher tortoise copris commensal scarab beetle	<i>Copris gopheri</i>	~Yes - widely distributed but obligate to gopher tortoise burrows
Scrub island burrowing scarab beetle (SW FL Mycotrupes)	<i>Mycotrupes pedester</i>	~Yes - deep sand ridges Charlotte, Lee, DeSoto counties
Gopher tortoise onthophagus commensal scarab beetle	<i>Onthophagus polyphemi polyphemi</i>	~Yes - widely distributed but obligate to gopher tortoise burrows
Caracara commensal scarab beetle (Caracara trox)	<i>Trox howelli</i>	~Yes - known oly from caracara nest Osceola County ~Yes - tropical hardwood hammocks Miami-Dade, Monroe counties ~Yes - coastal mangrove Miami-Dade, Monroe counties
Strohecker's eburia	<i>Eburia stroheckeri</i>	
Cape Sable longhorn	<i>Heterachthes sablensis</i>	
White-spotted longhorn	<i>Linsleyonides albomaculatus (-tum)</i>	~Yes - tropical hardwood hammocks Miami-Dade, Monroe counties ~Yes - tropical hardwood hammocks Florida Keys, Miami-Dade County
Chevrolat's stenodontes	<i>Stenodontes chevrolati</i>	
Florida forestiera borer [Florida privet long-horned beetle]	<i>Stizocera floridana</i> [<i>Nesostizocera floridana</i>]	Yes - 2 sites SW coast

CADDISFLIES - Order Trichoptera

Common Name	Scientific Name	Range Limited?
Gordon's little sister sedge	<i>Cheumatopsyche gordonae</i>	~Yes - 2 sites Okaloosa, Walton counties
Florida brown checkered summer sedge	<i>Polycentropus floridensis</i>	~Yes - one site Walton County; AL
Floridian finger-net caddisfly	<i>Chimarra florida</i>	No
Molson's (Varicolored) microcaddisfly	<i>Hydroptila molsonae</i>	~Yes - one site Highlands Co. (1958); other states
Wakulla Springs vari-colored microcaddisfly	<i>Hydroptila wakulla</i>	Yes - one site Wakulla County
Okaloosa somber microcaddisfly	<i>Ochrotrichia okaloosa</i>	Yes - one site Okaloosa County
Provost's somber caddisfly	<i>Ochrotrichia provosti</i>	Yes - one site Hillsborough County
Dentate orthotrichian microcaddisfly	<i>Orthotrichia dentata</i>	~Yes - one site Hillsb. Co. (1958); other states
Changeable orthotrichian microcaddisfly	<i>Orthotrichia instabilis</i>	~Yes - one site Orange Co. (1940)
Elerob's (Cream and brown mottled) microcaddisfly	<i>Oxyethira elerobi</i>	~Yes - 2 sites within 25 miles; other states
Kelley's cream and brown mottled microcaddisfly	<i>Oxyethira kelleyi</i>	~Yes - small cluster of sites Okaloosa County

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Gopher tortoise robber fly
Updated 6-9-08

Machimus polyphemi

~Yes - widely distributed but obligate to gopher
tortoise burrows