

**Occurrence of Fishes and Decapod Crustaceans in Natural and Altered Wetland Habitats
at Mobbly Bayou, Tampa Bay, Florida**

Species		Habitats*		
Common name	Scientific name	Creek	Linear ditch	Grid ditch
Marsh residents				
Gulf killifish	<i>Fundulus grandis</i>	Abundant	Abundant	Abundant
Rainwater killifish	<i>Lucania parva</i>	Abundant	Common	Abundant
Clown goby	<i>Microgobius gulosus</i>	Abundant	Common	Abundant
Grass shrimp	<i>Palaemonetes spp</i>	Abundant	Abundant	Abundant
Sheepshead minnow	<i>Cyprinodon variegatus</i>	Abundant	Abundant	Common
Sailfin molly	<i>Poecilia latipinna</i>	Abundant	Common	Common
Diamond killifish	<i>Adinia xenica</i>	Abundant	Occasional	Occasional
Mosquitofish	<i>Gambusia holbrooki</i>	Common	Occasional	Abundant
Killifish	<i>Fundulus spp</i>	Common	Occasional	Common
Longnose killifish	<i>Fundulus majalis</i>	Common	Common	Occasional
Goldspotted killifish	<i>Floridichthys carpio</i>	Occasional	Common	Rare
Marsh killifish	<i>Fundulus confluentus</i>	Rare	Absent	Occasional
Gulf toadfish	<i>Opsanus beta</i>	Rare	Absent	Absent
Transients				
Bay anchovy	<i>Anchoa mitchilli</i>	Abundant	Abundant	Common
Spot	<i>Leiostomus xanthurus</i>	Abundant	Common	Occasional
Silverside	<i>Menidia spp</i>	Abundant	Abundant	Common
Mullet	<i>Mugil spp</i>	Abundant	Common	Abundant
Blue crab	<i>Callinectes sapidus</i>	Abundant	Common	Abundant
Red drum	<i>Sciaenops ocellatus</i>	Abundant	Common	Occasional
Tidewater mojarra	<i>Eucinostomus harengulus</i>	Common	Abundant	Rare
Mojarra	<i>Eucinostomus spp</i>	Common	Abundant	Rare
Goby	<i>Gobiosoma spp</i>	Common	Occasional	Common
Pinfish	<i>Lagodon rhomboides</i>	Common	Common	Common
Hogchoker	<i>Trinectes maculatus</i>	Common	Rare	Common
Striped mullet	<i>Mugil cephalus</i>	Occasional	Absent	Occasional
Black drum	<i>Pogonias cromis</i>	Occasional	Absent	Occasional
Lined sole	<i>Achirus lineatus</i>	Rare	Occasional	Common
Sheepshead	<i>Archosargus probatocephalus</i>	Rare	Occasional	Absent
Ladyfish	<i>Elops saurus</i>	Rare	Rare	Absent
Naked goby	<i>Gobiosoma bosc</i>	Rare	Rare	Common
Inshore lizardfish	<i>Synodus foetens</i>	Rare	Rare	Absent
Redfin needlefish	<i>Strongylura notata</i>	Rare	Absent	Absent
Bluntnose stingray	<i>Dasyatis say</i>	Rare	Absent	Absent
Pink shrimp	<i>Farfantepenaeus duorarum</i>	Rare	Occasional	Absent
Gulf pipefish	<i>Syngnathus scovelli</i>	Rare	Rare	Rare
Fantail mullet	<i>Mugil gyrans</i>	Absent	Rare	Absent
Emerald goby	<i>Gobionellus smaragdus</i>	Absent	Absent	Rare
Pipefish	<i>Syngnathus spp</i>	Absent	Absent	Rare

Categories: **Absent** = 0 fish per haul, **Rare** = 0.5 fish per haul, **Occasional** = 0.6-1.9 fish per haul, **Common** = 2-10 fish per haul, **Abundant** = > 10 fish per haul.

***Creek**: naturally-formed wetland habitat in existence prior to mosquito ditches. **Linear ditch**: isolated dredged feature for conveyance of water and control of mosquitoes. **Grid ditch**: matrix of perpendicular ditches dredged in wetlands for mosquito control.

Species in gray are recreationally/commercially important.