

## Field Guide to the Freshwater Mussels of the Chipola River 2011

### *Medionidus penicillatus* GULF MOCCASIN SHELL

**Endangered USFWS**



approximately lifesize

length 3-4 cm  
width: 1-2 cm

thin plications (groves) along length of posterior slope; periostricum smooth, yellowish to greenish brown with interrupted green rays **habitat:** sand, silt, gravel, clay, rock; moderate to no current

### *Pleurobema pyriforme* OVAL PIGTOE

**Endangered USFWS**



X 1.4

shell morphology variable; compressed or inflated, low umbo and yellow periostracum to higher umbo and darker periostracum, posterior ridge is prominent, lateral teeth are arched and pseudocardinal teeth heavy; small specimens may have faint green rays.

length: 3-4 cm **habitat:** sand, rock, silt, detritus; moderate current of mid-channel, less common in slack water  
width: 3-4 cm

### *Quadrula infucata* SCULPTURED PIGTOE



approximately lifesize

small, thick, round shell, periostricum dark brown, blackish to reddish brown; shell sculpturing variable, inconspicuous or pronounced, chevron-like ridges; sculpturing especially apparent in tributary streams.

length: 3-4.5 (-5.5) cm  
width: 2-3 cm

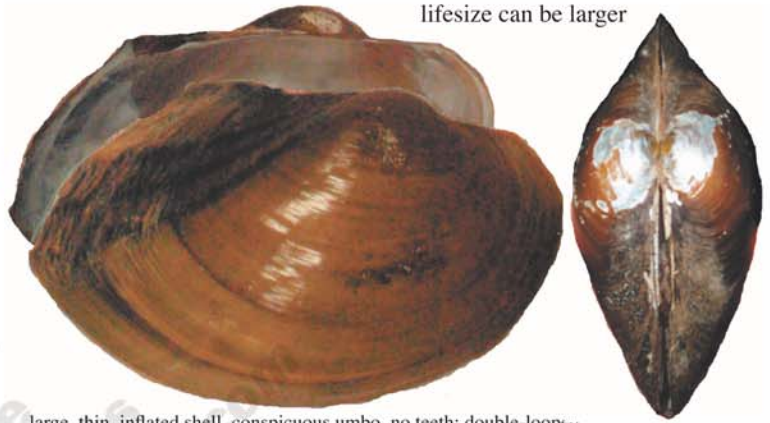


**habitat:** sand, limestone substrate, moderate current

### *Pyganodon grandis*

### GIANT FLOATER

lifesize can be larger



large, thin, inflated shell, conspicuous umbo, no teeth; double-looped beaked sculpturing, beak is more distinct in this species; periostricum chestnut to dark brown; nacre shiny pinkish -white.

length: 5-12 cm  
width: 5-7 cm

**habitat:** sand, gravel, main channels of rivers and streams

### *Pyganodon cataracta*

### EASTERN FLOATER

lifesize can be larger



**habitat:** sand, silt, mud of slow moving waters, lakes, ponds and large rivers to small creeks

large, thin, inflated shell, conspicuous umbo, no teeth; double-looped beaked sculpturing, beak is not as distinct in this species; periostricum yellowish to greenish tan; nacre white. length: 10-17 cm width: 5-8 cm

### *Toxolasma paulum* IRIDESCENT LILLIPUT

female



X 1.4

small shell, dark brown, male resembles *Pleurobema pyriforme* (oval pigtoe); female is broader at posterior end; umbo is shifted more toward anterior end when compared with oval pigtoe.

length: 2-3 (-4) cm  
width: 1-1.8 cm

**habitat:** fine sand to rocky substrate, mud of small streams; swift to slow current

male

