

Indian River Lagoon

Attributes - Life Mode

Species	Life Stage	Epibenthic	Benthic	Demersal	Nektonic	Planktonic
bull shark	L	2	2	2	2	2
bull shark	A	0	0	0	1	0
bull shark	J	0	0	0	1	0
bull shark	M	0	0	0	1	0
bull shark	P	0	0	0	1	0
lemon shark	L	2	2	2	2	2
bonnethead shark		2	2	2	2	2
bonnethead shark	L	2	2	2	2	2
ladyfish	A	0	0	0	1	0
ladyfish	E	0	0	0	0	1
ladyfish	J	0	0	0	1	0
ladyfish	L	0	0	0	0	1
ladyfish	S	0	0	0	1	0
tarpon	A	0	0	0	1	0
tarpon	J	0	0	0	1	0
tarpon	E	0	0	0	0	0
tarpon	S	0	0	0	1	0
tarpon	L	0	0	0	0	1
American eel		1	0	0	0	0
Alabama shad	E	0	0	0	0	1
Alabama shad	L	0	0	0	0	1
Alabama shad		0	0	0	0	0
Alabama shad	S	0	0	0	0	0
Alabama shad	A	0	0	0	1	0
yellowfin menhaden	E	0	0	0	0	1
yellowfin menhaden	L	0	0	0	0	1
yellowfin menhaden	J	0	0	0	1	0
yellowfin menhaden	A	0	0	0	1	0
yellowfin menhaden	S	0	0	0	1	0
Atlantic menhaden	J	0	0	0	1	0
Atlantic menhaden	L	0	0	0	0	1
Atlantic menhaden	E	0	0	0	0	1
Atlantic menhaden	A	0	0	0	1	0
Atlantic menhaden	S	0	0	0	1	0
scaled sardine	A	0	0	0	1	0
scaled sardine	E	0	0	0	0	1
scaled sardine	J	0	0	0	1	0
scaled sardine	L	0	0	0	0	1
scaled sardine	S	0	0	0	1	0
Atlantic thread herring	L	0	0	0	1	0
Atlantic thread herring	E	0	0	0	0	1
Atlantic thread herring	A	0	0	0	1	0
Atlantic thread herring	S	0	0	0	1	0
Atlantic thread herring	J	0	0	0	1	0
Spanish sardine	E	0	0	0	0	1
Spanish sardine	S	0	0	0	1	0
Spanish sardine	J	0	0	0	1	0
Spanish sardine	L	0	0	0	0	1
Spanish sardine	A	0	0	0	1	0
bay anchovy	A	0	0	0	1	0

Species	Life Stage	Epibenthic	Benthic	Demersal	Nektonic	Planktonic
bay anchovy	E	0	0	0	0	1
bay anchovy	J	0	0	0	1	0
bay anchovy	L	0	0	0	1	0
bay anchovy	S	0	0	0	1	0
hardhead catfish	A	1	0	1	1	0
hardhead catfish	E	0	0	1	0	0
hardhead catfish	J	1	0	1	1	0
hardhead catfish	L	0	0	1	0	0
hardhead catfish	S	1	0	1	0	0
gafftopsail catfish	A	1	0	1	0	0
gafftopsail catfish	E	0	0	0	0	0
gafftopsail catfish	J	0	0	1	1	0
gafftopsail catfish	S	0	0	1	0	0
gafftopsail catfish	L	0	0	1	0	0
silverstripe halfbeak	A	0	0	0	1	0
silverstripe halfbeak	S	0	0	0	1	0
silverstripe halfbeak	J	0	0	0	0	1
silverstripe halfbeak	L	0	0	0	0	1
silverstripe halfbeak	E	1	0	0	0	0
sheepshead minnow	A	1	0	1	0	0
sheepshead minnow	E	0	0	1	0	0
sheepshead minnow	J	1	0	1	0	0
sheepshead minnow	L	0	0	1	0	0
sheepshead minnow	S	0	0	1	0	0
goldspotted killifish	L	0	1	0	0	0
goldspotted killifish	E	0	0	1	0	0
goldspotted killifish	A	1	0	0	0	0
goldspotted killifish	S	1	0	0	0	0
goldspotted killifish	J	0	1	0	0	0
marsh killifish	A	0	0	1	0	0
marsh killifish	S	0	0	1	0	0
marsh killifish	J	0	0	1	0	0
marsh killifish	L	1	0	1	0	0
marsh killifish	E	0	1	0	0	0
Gulf killifish	A	0	0	1	0	0
Gulf killifish	S	0	1	1	0	0
Gulf killifish	J	0	1	1	1	0
Gulf killifish	L	0	1	1	1	0
Gulf killifish	E	0	1	0	0	0
rainwater killifish	E	0	0	1	0	0
rainwater killifish	S	1	0	1	0	0
rainwater killifish	J	1	0	1	0	0
rainwater killifish	L	1	1	1	0	0
rainwater killifish	A	1	0	1	1	0
Atlantic silversides	A	0	0	1	1	0
Atlantic silversides	E	1	0	1	0	0
Atlantic silversides	J	0	0	1	0	0
Atlantic silversides	L	0	0	0	0	1
Atlantic silversides	S	0	0	1	0	0
Gulf pipefish	J	1	0	1	0	0
Gulf pipefish	L	1	0	1	0	0
Gulf pipefish	E	0	0	0	0	0
Gulf pipefish	A	1	0	1	0	0

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Species	Life Stage	Epibenthic	Benthic	Demersal	Nektonic	Planktonic
Gulf pipefish	S	1	0	1	0	0
snook	A	0	0	1	1	0
snook	E	0	0	0	0	1
snook	J	0	0	1	1	0
snook	L	0	0	0	0	1
snook	S	0	0	0	1	0
jewfish	A	0	0	1	1	0
jewfish	S	0	0	1	1	0
jewfish	J	0	0	1	1	0
jewfish	L	0	0	0	0	1
jewfish	E	0	0	0	0	1
red grouper	A	0	0	1	1	0
red grouper	S	0	0	1	1	0
red grouper	J	0	0	1	1	0
red grouper	L	0	0	0	0	1
red grouper	E	0	0	0	0	1
gag	A	0	0	1	1	0
gag	E	0	0	0	0	1
gag	J	0	0	1	1	0
gag	L	0	0	0	0	1
gag	S	0	0	0	1	0
crevalle jack	A	0	0	0	1	0
crevalle jack	E	0	0	0	0	1
crevalle jack	J	0	0	0	1	0
crevalle jack	L	0	0	0	0	1
crevalle jack	S	0	0	0	1	0
Florida pompano	A	0	0	0	1	0
Florida pompano	E	0	0	0	0	1
Florida pompano	J	0	0	1	0	0
Florida pompano	L	0	0	0	0	1
Florida pompano	S	0	0	0	1	0
permit	A	0	0	0	1	0
permit	E	0	0	0	0	1
permit	J	0	0	0	1	0
permit	L	0	0	0	0	1
permit	S	0	0	0	1	0
mutton snapper	A	0	0	1	0	0
mutton snapper	S	0	0	1	1	0
mutton snapper	J	0	0	1	0	0
mutton snapper	L	0	0	0	1	1
mutton snapper	E	0	0	0	0	1
gray snapper	A	1	0	1	1	0
gray snapper	E	0	0	0	0	1
gray snapper	J	0	0	0	1	0
gray snapper	L	0	0	0	0	1
gray snapper	S	0	0	0	1	0
lane snapper	A	0	0	1	1	0
lane snapper	S	0	0	1	1	0
lane snapper	J	0	0	1	1	0
lane snapper	L	0	0	0	0	1
lane snapper	E	0	0	0	0	1
striped mojarra	A	1	0	1	1	0
striped mojarra	E	0	0	0	0	1

Species	Life Stage	Epibenthic	Benthic	Demersal	Nektonic	Planktonic
striped mojarra	J	0	0	1	1	0
striped mojarra	L	0	0	0	0	1
striped mojarra	S	0	0	0	1	0
white grunt	A	1	0	0	1	0
white grunt	E	0	0	0	0	1
white grunt	J	0	0	1	1	0
white grunt	L	0	0	0	0	1
white grunt	S	0	0	0	1	0
pigfish	A	0	0	1	1	0
pigfish	E	0	0	0	0	1
pigfish	J	0	0	1	1	0
pigfish	L	0	0	1	0	1
pigfish	S	0	0	0	1	0
sheepshead	A	1	0	1	1	0
sheepshead	E	0	0	0	0	1
sheepshead	J	0	0	1	1	0
sheepshead	L	0	0	0	0	1
sheepshead	S	0	0	0	1	0
pinfish	E	0	0	0	1	1
pinfish	L	0	0	0	1	1
pinfish	J	0	0	0	1	0
pinfish		0	0	0	1	0
pinfish	S	0	0	0	1	0
pinfish		0	0	0	1	0
pinfish	A	0	0	0	1	0
silver perch	A	0	0	1	1	0
silver perch	E	0	0	0	0	1
silver perch	J	0	0	1	1	0
silver perch	L	0	0	0	0	1
silver perch	S	0	0	0	1	0
spotted seatrout	A	0	0	1	0	0
spotted seatrout	E	0	0	0	0	1
spotted seatrout	J	0	0	1	1	0
spotted seatrout	L	0	0	1	0	1
spotted seatrout	S	0	0	0	1	0
weakfish	J	0	0	0	1	0
weakfish	L	0	0	0	0	1
weakfish	E	0	0	0	0	1
weakfish	A	0	0	0	1	0
weakfish	S	0	0	1	1	0
spot	A	0	0	1	0	0
spot	E	0	0	0	0	1
spot	J	0	0	1	0	0
spot	L	0	0	0	0	1
spot	S	0	0	0	1	0
Atlantic croaker	A	0	0	1	0	0
Atlantic croaker	E	0	0	0	0	1
Atlantic croaker	J	0	0	1	0	0
Atlantic croaker	L	0	0	1	0	1
Atlantic croaker	S	0	0	0	1	0
black drum	E	0	0	0	0	1
black drum	A	0	0	1	1	0
black drum	S	0	0	0	1	0

Species	Life Stage	Epibenthic	Benthic	Demersal	Nektonic	Planktonic
black drum	J	0	0	0	1	0
black drum	L	0	0	0	0	1
red drum	A	0	0	0	1	0
red drum	E	0	0	0	0	1
red drum	J	0	0	0	1	1
red drum	L	0	0	0	0	1
red drum	S	0	0	0	1	0
striped mullet	A	0	0	0	1	0
striped mullet	E	0	0	0	0	1
striped mullet	J	0	0	0	1	0
striped mullet	L	0	0	0	0	1
striped mullet	S	0	0	0	1	0
white mullet	S	0	0	0	1	0
white mullet	L	0	0	0	0	1
white mullet	E	0	0	0	0	1
white mullet	A	1	0	1	1	0
white mullet	J	0	0	1	1	0
great barracuda	A	0	0	0	1	0
great barracuda	E	0	0	0	0	1
great barracuda	J	0	0	0	1	0
great barracuda	L	0	0	0	0	1
great barracuda	S	0	0	0	1	0
darther goby	L	0	0	0	0	1
darther goby	E	1	0	0	0	0
darther goby	A	1	0	0	0	0
darther goby	S	1	0	0	0	0
darther goby	J	1	0	0	0	0
naked goby	E	1	0	0	0	0
naked goby	S	0	2	0	0	0
naked goby	J	0	1	1	0	0
naked goby	L	0	1	1	0	1
naked goby	A	0	1	0	0	0
code goby	A	0	0	1	0	0
code goby	E	1	0	0	0	0
code goby	J	0	0	1	0	0
code goby	L	0	0	0	0	1
code goby	S	0	0	1	0	0
clown goby	J	1	0	0	0	0
clown goby	L	0	0	0	0	1
clown goby	E	1	0	0	0	0
clown goby	A	1	0	0	0	0
clown goby	S	1	0	0	0	0
Atlantic cutlassfish	L	0	0	0	0	1
Atlantic cutlassfish	E	0	0	0	0	1
Atlantic cutlassfish	A	1	0	1	1	0
Atlantic cutlassfish	S	1	0	0	1	0
Atlantic cutlassfish	J	1	0	0	1	0
bay whiff	E	0	0	0	0	0
bay whiff	S	0	0	0	0	0
bay whiff	J	1	0	0	0	0
bay whiff	L	0	0	0	1	1
bay whiff	A	1	0	0	0	0
summer flounder	J	1	0	0	0	0

Species	Life Stage	Epibenthic	Benthic	Demersal	Nektonic	Planktonic
summer flounder	L	0	0	0	0	1
summer flounder	E	0	0	0	0	1
summer flounder	A	1	0	0	0	0
summer flounder	S	0	0	0	0	0
lined sole	E	0	0	0	0	1
lined sole	J	1	0	0	1	0
lined sole	L	0	0	0	0	1
lined sole		1	1	0	0	0
lined sole	S	0	0	0	0	0

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Indian River Lagoon

Spatial Strategy

Species	Life Stage	Freshwater	Estuarine	Marine	Territorial
bull shark	L	2	2	2	2
bull shark	A	0	1	1	0
bull shark	J	0	1	1	0
bull shark	M	0	0	1	2
bull shark	P	0	1	1	2
lemon shark	L	2	2	2	2
bonnethead shark		2	2	2	2
bonnethead shark	L	2	2	2	2
ladyfish	A	0	1	1	0
ladyfish	E	0	0	1	0
ladyfish	J	0	1	1	0
ladyfish	L	0	0	1	0
ladyfish	S	0	0	1	2
tarpon	A	0	1	1	0
tarpon	J	1	1	1	0
tarpon	E	0	0	0	0
tarpon	S	0	0	1	2
tarpon	L	0	1	1	0
American eel		0	0	0	0
Alabama shad	E	1	0	0	0
Alabama shad	L	1	0	0	0
Alabama shad		0	0	0	0
Alabama shad	S	0	0	0	0
Alabama shad	A	1	1	1	0
yellowfin menhaden	E	0	1	1	0
yellowfin menhaden	L	0	1	1	0
yellowfin menhaden	J	1	1	0	0
yellowfin menhaden	A	0	1	1	0
yellowfin menhaden	S	0	1	1	2
Atlantic menhaden	J	0	1	0	0
Atlantic menhaden	L	0	0	0	0
Atlantic menhaden	E	0	0	0	0
Atlantic menhaden	A	0	0	0	0
Atlantic menhaden	S	2	2	2	0
scaled sardine	A	0	1	1	0
scaled sardine	E	0	1	1	0
scaled sardine	J	0	1	1	0
scaled sardine	L	0	1	1	0
scaled sardine	S	0	1	1	0
Atlantic thread herring	L	0	0	0	0
Atlantic thread herring	E	0	0	1	0
Atlantic thread herring	A	0	0	1	0
Atlantic thread herring	S	0	0	1	0
Atlantic thread herring	J	0	0	1	0
Spanish sardine	E	0	0	0	0
Spanish sardine	S	0	0	0	0
Spanish sardine	J	0	0	0	0
Spanish sardine	L	0	0	0	0
Spanish sardine	A	0	1	1	0
bay anchovy	A	0	1	0	0
bay anchovy	E	0	1	0	0
bay anchovy	J	0	1	0	0

Species	Life Stage	Freshwater	Estuarine	Marine	Territorial
bay anchovy	L	0	1	0	0
bay anchovy	S	0	1	0	0
hardhead catfish	A	0	1	1	0
hardhead catfish	E	0	1	0	0
hardhead catfish	J	0	1	1	0
hardhead catfish	L	0	1	1	0
hardhead catfish	S	0	1	1	2
gafftopsail catfish	A	0	1	1	0
gafftopsail catfish	E	0	1	1	0
gafftopsail catfish	J	0	1	1	0
gafftopsail catfish	S	0	1	1	2
gafftopsail catfish	L	0	1	1	0
silverstripe halfbeak	A	0	1	1	0
silverstripe halfbeak	S	0	1	0	0
silverstripe halfbeak	J	0	1	1	0
silverstripe halfbeak	L	0	1	1	0
silverstripe halfbeak	E	0	1	0	0
sheepshead minnow	A	0	1	0	0
sheepshead minnow	E	0	1	0	0
sheepshead minnow	J	0	1	0	0
sheepshead minnow	L	0	1	0	0
sheepshead minnow	S	0	1	0	2
goldspotted killifish	L	0	1	1	1
goldspotted killifish	E	0	1	1	0
goldspotted killifish	A	0	1	1	1
goldspotted killifish	S	0	1	1	1
goldspotted killifish	J	0	1	1	1
marsh killifish	A	1	1	0	0
marsh killifish	S	1	1	0	0
marsh killifish	J	1	1	0	0
marsh killifish	L	1	1	0	0
marsh killifish	E	1	1	0	0
Gulf killifish	A	0	1	0	0
Gulf killifish	S	0	1	0	0
Gulf killifish	J	0	1	0	0
Gulf killifish	L	0	1	0	0
Gulf killifish	E	0	1	0	0
rainwater killifish	E	1	1	1	0
rainwater killifish	S	1	1	1	0
rainwater killifish	J	1	1	1	0
rainwater killifish	L	1	1	1	0
rainwater killifish	A	1	1	1	0
Atlantic silversides	A	1	1	1	0
Atlantic silversides	E	1	1	0	0
Atlantic silversides	J	1	1	1	0
Atlantic silversides	L	1	1	0	0
Atlantic silversides	S	1	1	0	2
Gulf pipefish	J	0	1	0	0
Gulf pipefish	L	0	1	0	0
Gulf pipefish	E	0	1	0	0
Gulf pipefish	A	0	1	0	0
Gulf pipefish	S	0	1	0	0
snook	A	0	1	1	0
snook	E	0	1	1	0
snook	J	1	1	0	0
snook	L	0	1	0	0

Species	Life Stage	Freshwater	Estuarine	Marine	Territorial
snook	S	0	1	1	2
jewfish	A	0	1	1	0
jewfish	S	0	0	1	0
jewfish	J	0	1	1	0
jewfish	L	0	0	0	0
jewfish	E	0	0	0	0
red grouper	A	0	0	1	0
red grouper	S	0	0	1	0
red grouper	J	0	1	1	0
red grouper	L	0	0	0	0
red grouper	E	0	0	0	0
gag	A	0	1	1	0
gag	E	0	0	1	0
gag	J	0	1	1	0
gag	L	0	0	1	0
gag	S	0	0	1	2
crevalle jack	A	0	1	1	0
crevalle jack	E	0	0	1	0
crevalle jack	J	0	1	1	0
crevalle jack	L	0	1	1	0
crevalle jack	S	0	0	1	0
Florida pompano	A	0	0	1	0
Florida pompano	E	0	0	1	2
Florida pompano	J	0	1	1	0
Florida pompano	L	0	0	1	0
Florida pompano	S	0	0	1	2
permit	A	0	1	1	0
permit	E	0	0	1	2
permit	J	0	1	1	0
permit	L	0	0	1	0
permit	S	0	0	1	2
mutton snapper	A	0	0	1	0
mutton snapper	S	0	0	1	0
mutton snapper	J	0	1	1	0
mutton snapper	L	0	0	0	0
mutton snapper	E	0	0	0	0
gray snapper	A	0	1	1	0
gray snapper	E	0	0	1	0
gray snapper	J	0	1	1	0
gray snapper	L	0	0	1	0
gray snapper	S	0	0	1	2
lane snapper	A	0	0	1	0
lane snapper	S	0	0	1	0
lane snapper	J	0	1	1	0
lane snapper	L	0	0	0	0
lane snapper	E	0	0	0	0
striped mojarra	A	0	1	0	0
striped mojarra	E	0	1	0	0
striped mojarra	J	0	1	0	0
striped mojarra	L	0	1	0	0
striped mojarra	S	0	1	0	2
white grunt	A	0	1	1	0
white grunt	E	0	1	1	0
white grunt	J	0	1	1	0
white grunt	L	0	1	1	0
white grunt	S	0	0	1	2

Species	Life Stage	Freshwater	Estuarine	Marine	Territorial
pigfish	A	0	1	1	0
pigfish	E	0	1	1	0
pigfish	J	0	1	1	0
pigfish	L	0	1	0	0
pigfish	S	0	1	1	0
sheepshead	A	0	1	1	0
sheepshead	E	0	0	1	0
sheepshead	J	0	1	0	0
sheepshead	L	0	0	1	0
sheepshead	S	0	0	1	2
pinfish	E	0	0	1	0
pinfish	L	0	0	1	0
pinfish	J	0	1	1	0
pinfish		0	1	1	0
pinfish	S	0	0	1	2
pinfish		0	1	1	0
pinfish	A	0	1	1	0
silver perch	A	0	1	1	0
silver perch	E	0	1	0	0
silver perch	J	1	1	0	0
silver perch	L	0	1	0	0
silver perch	S	0	1	1	2
spotted seatrout	A	0	1	0	0
spotted seatrout	E	0	1	0	0
spotted seatrout	J	0	1	0	0
spotted seatrout	L	0	1	0	0
spotted seatrout	S	0	1	0	0
weakfish	J	0	0	0	0
weakfish	L	0	1	1	0
weakfish	E	0	1	1	0
weakfish	A	0	1	1	0
weakfish	S	0	1	0	0
spot	A	1	1	1	0
spot	E	0	0	1	0
spot	J	1	1	0	0
spot	L	0	0	1	0
spot	S	0	0	1	2
Atlantic croaker	A	0	1	1	0
Atlantic croaker	E	0	0	1	2
Atlantic croaker	J	1	1	0	0
Atlantic croaker	L	0	1	1	0
Atlantic croaker	S	0	0	1	2
black drum	E	0	1	1	0
black drum	A	0	1	1	0
black drum	S	0	1	1	2
black drum	J	0	1	1	0
black drum	L	0	1	1	0
red drum	A	0	0	1	0
red drum	E	0	1	1	0
red drum	J	0	1	1	0
red drum	L	0	0	1	0
red drum	S	0	1	1	2
striped mullet	A	0	1	1	0
striped mullet	E	0	0	1	0
striped mullet	J	0	1	0	0
striped mullet	L	0	1	1	0

Species	Life Stage	Freshwater	Estuarine	Marine	Territorial
striped mullet	S	0	0	1	2
white mullet	S	0	0	0	0
white mullet	L	0	0	0	0
white mullet	E	0	0	0	0
white mullet	A	0	0	0	0
white mullet	J	0	1	0	0
great barracuda	A	0	1	1	1
great barracuda	E	0	0	1	0
great barracuda	J	0	1	1	0
great barracuda	L	0	0	0	0
great barracuda	S	0	0	1	2
darter goby	L	1	1	1	0
darter goby	E	0	1	0	0
darter goby	A	0	1	0	0
darter goby	S	0	1	0	1
darter goby	J	1	1	0	0
naked goby	E	0	1	0	0
naked goby	S	0	1	0	1
naked goby	J	0	1	0	0
naked goby	L	1	1	0	0
naked goby	A	1	1	0	1
code goby	A	0	1	0	0
code goby	E	0	1	0	0
code goby	J	0	1	0	0
code goby	L	0	1	0	0
code goby	S	0	1	0	2
clown goby	J	1	1	0	0
clown goby	L	1	1	0	0
clown goby	E	1	1	0	0
clown goby	A	1	1	0	1
clown goby	S	1	1	0	1
Atlantic cutlassfish	L	0	0	0	0
Atlantic cutlassfish	E	0	0	0	0
Atlantic cutlassfish	A	0	1	1	0
Atlantic cutlassfish	S	0	0	1	0
Atlantic cutlassfish	J	0	0	1	0
bay whiff	E	0	0	0	0
bay whiff	S	0	0	0	0
bay whiff	J	0	1	0	0
bay whiff	L	0	0	0	0
bay whiff	A	0	1	1	0
summer flounder	J	0	0	1	0
summer flounder	L	0	0	0	0
summer flounder	E	0	0	0	0
summer flounder	A	0	1	1	0
summer flounder	S	0	0	1	0
lined sole	E	0	1	0	0
lined sole	J	1	1	0	0
lined sole	L	1	1	0	0
lined sole		1	1	0	0
lined sole	S	0	1	0	0

Indian River Lagoon

Trophic Mode

Species	Life Stage	Filter Feeder	Non-Filter Feeder
bull shark	L	2	2
bull shark	A	0	1
bull shark	J	0	1
bull shark	M	2	2
bull shark	P	2	2
lemon shark	L	2	2
bonnethead shark		2	2
bonnethead shark	L	2	2
ladyfish	A	0	1
ladyfish	E	2	2
ladyfish	J	0	0
ladyfish	L	1	0
ladyfish	S	2	2
tarpon	A	0	1
tarpon	J	0	1
tarpon	E	2	2
tarpon	S	2	2
tarpon	L	0	1
American eel		1	0
Alabama shad	E	2	2
Alabama shad	L	0	1
Alabama shad		0	0
Alabama shad	S	0	0
Alabama shad	A	0	1
yellowfin menhaden	E	2	2
yellowfin menhaden	L	1	0
yellowfin menhaden	J	1	0
yellowfin menhaden	A	1	0
yellowfin menhaden	S	2	2
Atlantic menhaden	J	1	0
Atlantic menhaden	L	1	0
Atlantic menhaden	E	2	2
Atlantic menhaden	A	1	0
Atlantic menhaden	S	1	0
scaled sardine	A	1	0
scaled sardine	E	2	2
scaled sardine	J	1	0
scaled sardine	L	1	0
scaled sardine	S	0	0
Atlantic thread herring	L	0	1
Atlantic thread herring	E	2	2
Atlantic thread herring	A	0	1
Atlantic thread herring	S	0	1
Atlantic thread herring	J	0	1
Spanish sardine	E	2	2
Spanish sardine	S	0	1
Spanish sardine	J	0	1
Spanish sardine	L	0	1
Spanish sardine	A	0	1
bay anchovy	A	0	1
bay anchovy	E	2	2
bay anchovy	J	1	0

Species	Life Stage	Filter Feeder	Non-Filter Feeder
bay anchovy	L	1	0
bay anchovy	S	2	2
hardhead catfish	A	0	1
hardhead catfish	E	2	2
hardhead catfish	J	0	1
hardhead catfish	L	0	0
hardhead catfish	S	2	2
gafftopsail catfish	A	0	1
gafftopsail catfish	E	2	2
gafftopsail catfish	J	0	1
gafftopsail catfish	S	2	2
gafftopsail catfish	L	0	0
silverstripe halfbeak	A	1	0
silverstripe halfbeak	S	0	1
silverstripe halfbeak	J	1	0
silverstripe halfbeak	L	1	0
silverstripe halfbeak	E	0	1
sheepshead minnow	A	0	1
sheepshead minnow	E	2	2
sheepshead minnow	J	0	1
sheepshead minnow	L	0	1
sheepshead minnow	S	2	2
goldspotted killifish	L	0	1
goldspotted killifish	E	2	2
goldspotted killifish	A	0	1
goldspotted killifish	S	0	1
goldspotted killifish	J	0	1
marsh killifish	A	0	1
marsh killifish	S	0	1
marsh killifish	J	0	1
marsh killifish	L	0	1
marsh killifish	E	0	1
Gulf killifish	A	0	1
Gulf killifish	S	0	1
Gulf killifish	J	0	1
Gulf killifish	L	0	1
Gulf killifish	E	0	1
rainwater killifish	E	2	2
rainwater killifish	S	0	1
rainwater killifish	J	0	1
rainwater killifish	L	0	1
rainwater killifish	A	0	1
Atlantic silversides	A	0	1
Atlantic silversides	E	2	2
Atlantic silversides	J	0	1
Atlantic silversides	L	0	1
Atlantic silversides	S	2	2
Gulf pipefish	J	0	1
Gulf pipefish	L	0	0
Gulf pipefish	E	2	2
Gulf pipefish	A	0	1
Gulf pipefish	S	0	0
snook	A	0	1
snook	E	2	2
snook	J	0	1
snook	L	0	1

Species	Life Stage	Filter Feeder	Non-Filter Feeder
snook	S	2	2
jewfish	A	0	1
jewfish	S	0	1
jewfish	J	0	1
jewfish	L	0	1
jewfish	E	0	1
red grouper	A	0	1
red grouper	S	0	1
red grouper	J	0	1
red grouper	L	1	0
red grouper	E	0	1
gag	A	0	1
gag	E	2	2
gag	J	0	1
gag	L	0	0
gag	S	0	1
crevalle jack	A	0	1
crevalle jack	E	2	2
crevalle jack	J	0	1
crevalle jack	L	0	0
crevalle jack	S	0	0
Florida pompano	A	0	1
Florida pompano	E	2	2
Florida pompano	J	0	1
Florida pompano	L	0	1
Florida pompano	S	2	2
permit	A	0	1
permit	E	2	2
permit	J	0	1
permit	L	0	0
permit	S	2	2
mutton snapper	A	0	1
mutton snapper	S	0	1
mutton snapper	J	0	1
mutton snapper	L	1	0
mutton snapper	E	0	1
gray snapper	A	0	1
gray snapper	E	2	2
gray snapper	J	0	1
gray snapper	L	0	0
gray snapper	S	2	2
lane snapper	A	0	1
lane snapper	S	0	1
lane snapper	J	0	1
lane snapper	L	1	0
lane snapper	E	0	1
striped mojarra	A	0	1
striped mojarra	E	2	2
striped mojarra	J	0	0
striped mojarra	L	0	1
striped mojarra	S	2	2
white grunt	A	0	1
white grunt	E	2	2
white grunt	J	0	0
white grunt	L	0	0
white grunt	S	2	2

Species	Life Stage	Filter Feeder	Non-Filter Feeder
pigfish	A	0	1
pigfish	E	2	2
pigfish	J	0	1
pigfish	L	0	0
pigfish	S	0	0
sheepshead	A	0	1
sheepshead	E	2	2
sheepshead	J	0	1
sheepshead	L	0	1
sheepshead	S	2	2
pinfish	E	2	2
pinfish	L	0	0
pinfish	J	0	1
pinfish		0	1
pinfish	S	2	2
pinfish		0	1
pinfish	A	0	1
silver perch	A	0	1
silver perch	E	2	2
silver perch	J	0	1
silver perch	L	0	0
silver perch	S	2	2
spotted seatrout	A	0	1
spotted seatrout	E	2	2
spotted seatrout	J	0	1
spotted seatrout	L	0	1
spotted seatrout	S	2	2
weakfish	J	0	1
weakfish	L	0	1
weakfish	E	2	2
weakfish	A	0	1
weakfish	S	0	1
spot	A	0	1
spot	E	2	2
spot	J	0	1
spot	L	0	1
spot	S	2	2
Atlantic croaker	A	0	1
Atlantic croaker	E	2	2
Atlantic croaker	J	0	1
Atlantic croaker	L	0	1
Atlantic croaker	S	2	2
black drum	E	2	2
black drum	A	0	1
black drum	S	2	2
black drum	J	0	1
black drum	L	0	0
red drum	A	0	1
red drum	E	2	2
red drum	J	0	1
red drum	L	0	1
red drum	S	2	2
striped mullet	A	0	1
striped mullet	E	2	2
striped mullet	J	0	1
striped mullet	L	0	0

Species	Life Stage	Filter Feeder	Non-Filter Feeder
striped mullet	S	2	2
white mullet	S	0	0
white mullet	L	1	0
white mullet	E	2	2
white mullet	A	1	0
white mullet	J	1	0
great barracuda	A	0	1
great barracuda	E	2	2
great barracuda	J	0	1
great barracuda	L	0	0
great barracuda	S	2	2
darter goby	L	0	1
darter goby	E	2	2
darter goby	A	0	1
darter goby	S	0	1
darter goby	J	0	1
naked goby	E	2	2
naked goby	S	0	1
naked goby	J	0	1
naked goby	L	0	0
naked goby	A	0	1
code goby	A	0	1
code goby	E	2	2
code goby	J	0	0
code goby	L	0	0
code goby	S	2	2
clown goby	J	0	1
clown goby	L	0	0
clown goby	E	2	2
clown goby	A	0	1
clown goby	S	0	1
Atlantic cutlassfish	L	0	1
Atlantic cutlassfish	E	2	2
Atlantic cutlassfish	A	0	1
Atlantic cutlassfish	S	0	1
Atlantic cutlassfish	J	0	1
bay whiff	E	2	2
bay whiff	S	0	1
bay whiff	J	0	1
bay whiff	L	0	1
bay whiff	A	0	1
summer flounder	J	0	1
summer flounder	L	0	1
summer flounder	E	2	2
summer flounder	A	0	1
summer flounder	S	0	1
lined sole	E	0	1
lined sole	J	0	1
lined sole	L	0	1
lined sole		0	1
lined sole	S	0	0

Indian River Lagoon

Riverine Zones

Species	Life Stage	Spring Run	Coastal Plain	Piedmont	Upland
bull shark	A	0	1	0	0
bull shark	J	0	1	0	0
bull shark	L	2	2	2	2
bull shark	M	0	0	0	0
bull shark	P	0	0	0	0
ladyfish	A	1	0	0	0
ladyfish	E	0	0	0	0
ladyfish	J	0	0	0	0
ladyfish	L	0	0	0	0
ladyfish	S	0	0	0	0
tarpon	A	1	1	0	0
tarpon	E	0	0	0	0
tarpon	J	1	1	0	0
tarpon	L	0	0	0	0
tarpon	S	0	0	0	0
Alabama shad	E	0	1	0	1
Alabama shad	L	0	1	0	1
Alabama shad	S	0	1	0	1
Alabama shad	A	0	1	0	1
yellowfin menhaden	A	0	0	0	0
yellowfin menhaden	E	0	0	0	0
yellowfin menhaden	L	0	0	0	0
yellowfin menhaden	J	0	0	0	0
yellowfin menhaden	S	0	0	0	0
Atlantic menhaden	J	0	1	0	0
Atlantic menhaden	L	0	0	0	0
Atlantic menhaden	E	0	0	0	0
Atlantic menhaden	A	0	0	0	0
Atlantic menhaden	S	0	0	0	0
scaled sardine	A	0	0	0	0
scaled sardine	E	0	0	0	0
scaled sardine	J	0	0	0	0
scaled sardine	L	0	0	0	0
scaled sardine	S	0	0	0	0
Atlantic thread herring	E	0	0	0	0
Atlantic thread herring	L	0	0	0	0
Atlantic thread herring	J	0	0	0	0
Atlantic thread herring	A	0	0	0	0
Atlantic thread herring	S	0	0	0	0
Spanish sardine	E	0	0	0	0
Spanish sardine	J	0	0	0	0
Spanish sardine	L	0	0	0	0
Spanish sardine	A	0	0	0	0
Spanish sardine	S	0	0	0	0
bay anchovy	A	0	0	0	0
bay anchovy	E	0	0	0	0
bay anchovy	J	0	0	0	0
bay anchovy	L	0	0	0	0
bay anchovy	S	0	0	0	0
hardhead catfish	A	0	0	0	0
hardhead catfish	E	0	0	0	0
hardhead catfish	J	0	0	0	0

Species	Life Stage	Spring Run	Coastal Plain	Piedmont	Upland
hardhead catfish	L	0	0	0	0
hardhead catfish	S	0	0	0	0
gafftopsail catfish	A	0	0	0	0
gafftopsail catfish	E	0	0	0	0
gafftopsail catfish	J	0	0	0	0
gafftopsail catfish	L	0	0	0	0
gafftopsail catfish	S	0	0	0	0
silverstripe halfbeak	A	0	0	0	0
silverstripe halfbeak	S	0	0	0	0
silverstripe halfbeak	J	0	0	0	0
silverstripe halfbeak	L	0	0	0	0
silverstripe halfbeak	E	0	0	0	0
sheepshead minnow	A	0	1	0	0
sheepshead minnow	L	0	1	0	0
sheepshead minnow	E	0	1	0	0
sheepshead minnow	J	0	1	0	0
sheepshead minnow	S	0	1	0	0
goldspotted killifish	L	0	0	0	0
goldspotted killifish	E	0	0	0	0
goldspotted killifish	S	0	0	0	0
goldspotted killifish	J	0	0	0	0
goldspotted killifish	A	0	0	0	0
marsh killifish	A	1	1	0	0
marsh killifish	S	1	0	0	0
marsh killifish	J	0	1	0	0
marsh killifish	L	0	1	0	0
marsh killifish	E	0	1	0	0
Gulf killifish	A	0	0	0	0
Gulf killifish	S	0	0	0	0
Gulf killifish	J	0	0	0	0
Gulf killifish	L	0	0	0	0
Gulf killifish	E	0	0	0	0
rainwater killifish	L	1	1	0	0
rainwater killifish	E	1	1	0	0
rainwater killifish	S	1	1	0	0
rainwater killifish	J	1	1	0	0
rainwater killifish	A	1	1	0	0
sailfin molly	L	2	2	2	2
sailfin molly	L	2	2	2	2
Atlantic silversides	A	0	1	0	0
Atlantic silversides	E	0	0	0	0
Atlantic silversides	J	0	1	0	0
Atlantic silversides	L	1	1	0	0
Atlantic silversides	S	0	0	0	0
Gulf pipefish	E	0	0	0	0
Gulf pipefish	J	0	0	0	0
Gulf pipefish	L	0	0	0	0
Gulf pipefish	A	0	0	0	0
Gulf pipefish	S	0	0	0	0
snook	A	0	0	0	0
snook	E	0	0	0	0
snook	J	0	1	0	0
snook	L	0	0	0	0
snook	S	0	0	0	0
jewfish	A	0	0	0	0
jewfish	S	0	0	0	0

Species	Life Stage	Spring Run	Coastal Plain	Piedmont	Upland
jewfish	J	0	0	0	0
jewfish	L	0	0	0	0
jewfish	E	0	0	0	0
red grouper	A	0	0	0	0
red grouper	S	0	0	0	0
red grouper	J	0	0	0	0
red grouper	L	0	0	0	0
red grouper	E	0	0	0	0
gag	A	0	0	0	0
gag	E	0	0	0	0
gag	J	0	0	0	0
gag	L	0	0	0	0
gag	S	0	0	0	0
crevalle jack	A	1	0	0	0
crevalle jack	E	0	0	0	0
crevalle jack	J	0	0	0	0
crevalle jack	L	0	0	0	0
crevalle jack	S	0	0	0	0
Florida pompano	A	0	0	0	0
Florida pompano	E	0	0	0	0
Florida pompano	J	0	0	0	0
Florida pompano	L	0	0	0	0
Florida pompano	S	0	0	0	0
permit	A	1	0	0	0
permit	S	0	0	0	0
permit	E	0	0	0	0
permit	J	0	0	0	0
permit	L	0	0	0	0
mutton snapper	A	0	0	0	0
mutton snapper	S	0	0	0	0
mutton snapper	J	0	0	0	0
mutton snapper	L	0	0	0	0
mutton snapper	E	0	0	0	0
gray snapper	A	0	0	0	0
gray snapper	E	0	0	0	0
gray snapper	J	0	0	0	0
gray snapper	L	0	0	0	0
gray snapper	S	0	0	0	0
lane snapper	A	0	0	0	0
lane snapper	S	0	0	0	0
lane snapper	J	0	0	0	0
lane snapper	L	0	0	0	0
lane snapper	E	0	0	0	0
striped mojarra	A	0	1	0	0
striped mojarra	E	0	0	0	0
striped mojarra	J	0	0	0	0
striped mojarra	S	0	0	0	0
striped mojarra	L	0	0	0	0
white grunt	A	0	0	0	0
white grunt	E	0	0	0	0
white grunt	J	0	0	0	0
white grunt	L	0	0	0	0
white grunt	S	0	0	0	0
pigfish	A	0	0	0	0
pigfish	E	0	0	0	0
pigfish	J	0	0	0	0

Species	Life Stage	Spring Run	Coastal Plain	Piedmont	Upland
pigfish	L	0	0	0	0
pigfish	S	0	0	0	0
sheepshead	A	0	0	0	0
sheepshead	E	0	0	0	0
sheepshead	J	0	0	0	0
sheepshead	L	0	0	0	0
sheepshead	S	0	0	0	0
pinfish	E	0	0	0	0
pinfish	L	0	0	0	0
pinfish	J	0	0	0	0
pinfish	A	0	0	0	0
pinfish	S	0	0	0	0
silver perch	A	0	0	0	0
silver perch	E	0	0	0	0
silver perch	L	0	0	0	0
silver perch	S	0	0	0	0
silver perch	J	0	1	0	0
spotted seatrout	A	0	0	0	0
spotted seatrout	E	0	0	0	0
spotted seatrout	J	0	0	0	0
spotted seatrout	L	0	0	0	0
spotted seatrout	S	0	0	0	0
weakfish	E	0	0	0	0
weakfish	S	0	0	0	0
weakfish	J	0	0	0	0
weakfish	L	0	0	0	0
weakfish	A	0	0	0	0
spot	A	0	0	0	0
spot	E	0	0	0	0
spot	J	0	1	0	0
spot	L	0	0	0	0
spot	S	0	0	0	0
Atlantic croaker	A	0	1	0	0
Atlantic croaker	E	0	0	0	0
Atlantic croaker	L	0	0	0	0
Atlantic croaker	J	0	0	0	0
Atlantic croaker	S	0	0	0	0
black drum	A	0	0	0	0
black drum	S	0	0	0	0
black drum	J	0	0	0	0
black drum	L	0	0	0	0
black drum	E	0	0	0	0
red drum	A	0	0	0	0
red drum	E	0	0	0	0
red drum	J	0	0	0	0
red drum	L	0	0	0	0
red drum	S	0	0	0	0
striped mullet	A	0	1	0	0
striped mullet	E	0	0	0	0
striped mullet	J	0	1	0	0
striped mullet	L	0	0	0	0
striped mullet	S	0	0	0	0
white mullet	L	0	0	0	0
white mullet	E	0	0	0	0
white mullet	S	0	0	0	0
white mullet	J	0	0	0	0

Species	Life Stage	Spring Run	Coastal Plain	Piedmont	Upland
white mullet	A	0	1	0	0
great barracuda	A	0	0	0	0
great barracuda	E	0	0	0	0
great barracuda	J	0	0	0	0
great barracuda	L	0	0	0	0
great barracuda	S	0	0	0	0
darter goby	E	0	0	0	0
darter goby	J	0	0	0	0
darter goby	L	0	0	0	0
darter goby	A	0	0	0	0
darter goby	S	0	0	0	0
naked goby	L	0	0	0	0
naked goby	E	0	0	0	0
naked goby	S	0	0	0	0
naked goby	J	0	0	0	0
naked goby	A	0	0	0	0
code goby	A	0	0	0	0
code goby	E	0	0	0	0
code goby	J	0	0	0	0
code goby	L	0	0	0	0
code goby	S	0	0	0	0
clown goby	L	1	1	0	0
clown goby	E	1	1	0	0
clown goby	S	1	1	0	0
clown goby	J	1	1	0	0
clown goby	A	1	1	0	0
Atlantic cutlassfish	J	0	0	0	0
Atlantic cutlassfish	L	0	0	0	0
Atlantic cutlassfish	E	0	0	0	0
Atlantic cutlassfish	A	0	0	0	0
Atlantic cutlassfish	S	0	0	0	0
bay whiff	E	0	0	0	0
bay whiff	S	0	0	0	0
bay whiff	J	0	0	0	0
bay whiff	L	0	0	0	0
bay whiff	A	0	0	0	0
summer flounder	L	0	0	0	0
summer flounder	E	0	0	0	0
summer flounder	S	0	0	0	0
summer flounder	J	0	0	0	0
summer flounder	A	0	0	0	0
lined sole	E	0	0	0	0
lined sole	J	0	0	0	0
lined sole	L	0	0	0	0
lined sole	A	0	0	0	0
lined sole	S	0	0	0	0

Indian River Lagoon

Estuarine Zones

Species	Life Stage	Inlet Mouth	Lagoonal	Channel	Intertidal Flat	Tidal Fresh
bull shark	A	1	1	1	1	1
bull shark	J	1	0	1	1	1
bull shark	L	2	2	2	2	2
bull shark	M	0	0	0	0	0
bull shark	P	0	0	0	0	0
ladyfish	A	1	1	1	1	1
ladyfish	E	0	0	0	0	0
ladyfish	J	1	1	1	0	0
ladyfish	L	0	0	0	0	0
ladyfish	S	0	0	0	0	0
tarpon	A	1	1	1	0	1
tarpon	E	0	0	0	0	0
tarpon	J	1	1	1	0	1
tarpon	L	1	1	1	0	1
tarpon	S	0	0	0	0	0
Alabama shad	E	0	0	0	0	0
Alabama shad	L	0	0	0	0	0
Alabama shad	S	0	0	0	0	0
Alabama shad	A	0	0	1	1	1
yellowfin menhaden	A	0	0	0	1	0
yellowfin menhaden	E	0	0	0	0	0
yellowfin menhaden	L	0	0	0	0	0
yellowfin menhaden	J	0	0	0	1	1
yellowfin menhaden	S	0	0	0	0	0
Atlantic menhaden	J	1	1	1	0	1
Atlantic menhaden	L	1	1	1	0	0
Atlantic menhaden	E	1	1	1	0	0
Atlantic menhaden	A	1	1	1	0	1
Atlantic menhaden	S	1	1	1	0	0
scaled sardine	A	1	0	1	0	0
scaled sardine	E	1	0	0	1	0
scaled sardine	J	0	0	0	1	0
scaled sardine	L	1	0	1	0	0
scaled sardine	S	0	0	0	0	0
Atlantic thread herring	E	0	0	0	0	0
Atlantic thread herring	L	1	1	1	0	0
Atlantic thread herring	J	1	1	1	0	0
Atlantic thread herring	A	1	1	1	0	0
Atlantic thread herring	S	0	0	0	0	0
Spanish sardine	E	1	0	0	0	0
Spanish sardine	J	1	1	1	0	0
Spanish sardine	L	1	1	1	0	0
Spanish sardine	A	0	1	0	0	0
Spanish sardine	S	0	0	0	0	0
bay anchovy	A	0	0	1	1	1
bay anchovy	E	0	0	1	0	0
bay anchovy	J	0	0	1	1	1
bay anchovy	L	0	0	1	0	1
bay anchovy	S	0	0	1	1	0
hardhead catfish	A	1	1	1	1	1
hardhead catfish	E	0	0	0	0	0
hardhead catfish	J	1	0	1	0	0

Species	Life Stage	Inlet Mouth	Lagoonal	Channel	Intertidal Flat	Tidal Fresh
hardhead catfish	L	0	0	0	0	0
hardhead catfish	S	0	0	0	0	0
gafftopsail catfish	A	1	0	1	0	0
gafftopsail catfish	E	0	0	0	0	0
gafftopsail catfish	J	1	0	1	1	0
gafftopsail catfish	L	0	0	0	0	0
gafftopsail catfish	S	0	0	0	0	0
silverstripe halfbeak	A	0	1	0	0	0
silverstripe halfbeak	S	0	1	0	1	0
silverstripe halfbeak	J	0	1	0	0	0
silverstripe halfbeak	L	0	1	0	0	0
silverstripe halfbeak	E	0	1	0	0	0
sheepshead minnow	A	0	0	1	1	1
sheepshead minnow	L	0	0	0	1	1
sheepshead minnow	E	0	0	0	1	1
sheepshead minnow	J	0	0	1	1	1
sheepshead minnow	S	0	0	0	1	1
goldspotted killifish	L	0	1	0	1	0
goldspotted killifish	E	0	1	0	1	0
goldspotted killifish	S	0	1	0	1	0
goldspotted killifish	J	0	1	0	1	0
goldspotted killifish	A	0	1	0	1	0
marsh killifish	A	0	0	0	1	1
marsh killifish	S	0	0	0	1	1
marsh killifish	J	0	0	0	1	1
marsh killifish	L	0	0	0	1	1
marsh killifish	E	0	0	0	1	1
Gulf killifish	A	0	1	0	1	1
Gulf killifish	S	0	0	0	1	1
Gulf killifish	J	0	1	0	1	1
Gulf killifish	L	0	1	0	1	1
Gulf killifish	E	0	0	0	1	1
rainwater killifish	L	0	1	0	1	1
rainwater killifish	E	0	1	0	1	1
rainwater killifish	S	0	1	0	1	1
rainwater killifish	J	0	1	0	1	1
rainwater killifish	A	0	1	0	1	1
sailfin molly	L	2	2	2	2	2
sailfin molly	L	2	2	2	2	2
Atlantic silversides	A	0	1	0	1	1
Atlantic silversides	E	0	0	0	0	0
Atlantic silversides	J	0	1	0	1	1
Atlantic silversides	L	0	1	0	0	1
Atlantic silversides	S	1	0	0	0	1
Gulf pipefish	E	0	0	0	0	0
Gulf pipefish	J	0	1	0	1	0
Gulf pipefish	L	0	1	0	0	0
Gulf pipefish	A	0	1	0	0	0
Gulf pipefish	S	0	1	0	0	0
snook	A	1	0	1	1	1
snook	E	1	0	1	0	0
snook	J	0	0	1	1	1
snook	L	1	0	1	1	1
snook	S	0	0	0	0	0
jewfish	A	1	1	1	0	0
jewfish	S	0	0	0	0	0

Species	Life Stage	Inlet Mouth	Lagoonal	Channel	Intertidal Flat	Tidal Fresh
jewfish	J	1	1	1	1	1
jewfish	L	0	0	0	0	0
jewfish	E	0	0	0	0	0
red grouper	A	0	0	0	0	0
red grouper	S	0	0	0	0	0
red grouper	J	1	1	1	1	0
red grouper	L	0	0	0	0	0
red grouper	E	0	0	0	0	0
gag	A	0	0	0	0	0
gag	E	0	0	0	0	0
gag	J	0	1	0	1	0
gag	L	0	0	0	0	0
gag	S	0	0	0	0	0
crevalle jack	A	1	1	1	1	1
crevalle jack	E	0	0	0	0	0
crevalle jack	J	1	0	0	0	0
crevalle jack	L	0	0	0	0	0
crevalle jack	S	0	0	0	0	0
Florida pompano	A	1	0	1	0	0
Florida pompano	E	0	0	0	0	0
Florida pompano	J	0	0	1	1	0
Florida pompano	L	0	0	0	0	0
Florida pompano	S	0	0	0	0	0
permit	A	1	0	1	1	1
permit	S	0	0	0	0	0
permit	E	0	0	0	0	0
permit	J	1	1	1	0	0
permit	L	0	0	0	0	0
mutton snapper	A	1	0	1	0	0
mutton snapper	S	0	0	0	0	0
mutton snapper	J	1	1	1	1	0
mutton snapper	L	0	0	0	0	0
mutton snapper	E	0	0	0	0	0
gray snapper	A	1	1	1	1	0
gray snapper	E	0	0	0	0	0
gray snapper	J	1	1	1	1	0
gray snapper	L	0	0	0	0	0
gray snapper	S	0	0	0	0	0
lane snapper	A	0	0	0	0	0
lane snapper	S	0	0	0	0	0
lane snapper	J	1	1	1	1	0
lane snapper	L	0	0	0	0	0
lane snapper	E	0	0	0	0	0
striped mojarra	A	0	0	0	0	1
striped mojarra	E	0	0	0	0	0
striped mojarra	J	0	0	0	0	1
striped mojarra	S	0	0	0	0	0
striped mojarra	L	0	0	0	0	0
white grunt	A	1	1	1	1	0
white grunt	E	0	0	0	0	0
white grunt	J	1	1	1	1	0
white grunt	L	0	0	0	0	0
white grunt	S	0	0	0	0	0
pigfish	A	1	0	1	1	0
pigfish	E	0	0	0	0	0
pigfish	J	0	0	0	0	0

Species	Life Stage	Inlet Mouth	Lagoonal	Channel	Intertidal Flat	Tidal Fresh
pigfish	L	1	1	1	0	0
pigfish	S	0	1	1	0	0
sheepshead	A	1	1	1	0	1
sheepshead	E	0	0	0	0	0
sheepshead	J	1	0	0	1	1
sheepshead	L	1	0	0	0	0
sheepshead	S	0	0	0	0	0
pinfish	E	0	0	0	0	0
pinfish	L	0	0	0	0	0
pinfish	J	1	1	1	1	0
pinfish	A	1	1	1	1	0
pinfish	S	0	0	0	0	0
silver perch	A	1	1	1	1	1
silver perch	E	1	0	1	1	0
silver perch	L	1	1	1	1	1
silver perch	S	1	0	1	1	0
silver perch	J	1	1	1	1	1
spotted seatrout	A	1	1	1	1	1
spotted seatrout	E	0	0	0	1	0
spotted seatrout	J	0	1	1	1	0
spotted seatrout	L	0	1	1	1	0
spotted seatrout	S	0	1	1	1	0
weakfish	E	1	1	1	0	0
weakfish	S	0	1	1	0	0
weakfish	J	1	1	1	0	0
weakfish	L	1	1	1	0	0
weakfish	A	1	1	1	0	1
spot	A	0	0	0	1	1
spot	E	0	0	0	0	0
spot	J	0	0	0	1	1
spot	L	0	0	0	0	0
spot	S	0	0	0	0	0
Atlantic croaker	A	0	1	1	0	1
Atlantic croaker	E	0	0	0	0	0
Atlantic croaker	L	0	0	0	0	0
Atlantic croaker	J	0	1	0	0	0
Atlantic croaker	S	0	0	0	0	0
black drum	A	1	1	1	1	0
black drum	S	1	0	1	1	0
black drum	J	1	0	1	1	0
black drum	L	1	0	1	1	0
black drum	E	1	0	1	1	0
red drum	A	1	1	1	1	1
red drum	E	0	0	0	1	0
red drum	J	0	1	1	1	1
red drum	L	0	1	1	1	1
red drum	S	0	1	1	0	0
striped mullet	A	1	1	1	1	1
striped mullet	E	0	0	0	0	0
striped mullet	J	0	0	1	1	1
striped mullet	L	0	0	0	0	0
striped mullet	S	0	0	0	0	0
white mullet	L	0	0	0	0	0
white mullet	E	0	0	0	0	0
white mullet	S	0	0	0	0	0
white mullet	J	1	1	1	1	1

Species	Life Stage	Inlet Mouth	Lagoonal	Channel	Intertidal Flat	Tidal Fresh
white mullet	A	1	1	1	1	1
great barracuda	A	1	1	0	0	0
great barracuda	E	0	0	0	0	0
great barracuda	J	0	0	0	0	0
great barracuda	L	0	0	0	0	0
great barracuda	S	0	0	0	0	0
darter goby	E	0	0	0	0	0
darter goby	J	0	1	0	0	1
darter goby	L	0	0	0	0	0
darter goby	A	0	1	0	0	1
darter goby	S	0	0	0	0	0
naked goby	L	0	0	0	0	1
naked goby	E	0	0	0	0	0
naked goby	S	0	0	0	0	1
naked goby	J	0	0	0	0	0
naked goby	A	0	0	0	1	1
code goby	A	0	0	1	1	0
code goby	E	0	0	0	1	0
code goby	J	0	0	0	1	0
code goby	L	0	0	1	1	0
code goby	S	0	0	0	1	0
clown goby	L	0	1	0	0	1
clown goby	E	0	1	0	0	1
clown goby	S	0	1	0	0	1
clown goby	J	0	1	0	0	1
clown goby	A	0	0	0	0	1
Atlantic cutlassfish	J	0	0	0	0	0
Atlantic cutlassfish	L	0	0	0	0	0
Atlantic cutlassfish	E	0	0	0	0	0
Atlantic cutlassfish	A	1	1	1	0	0
Atlantic cutlassfish	S	0	0	0	0	0
bay whiff	E	0	0	0	0	0
bay whiff	S	0	0	0	0	0
bay whiff	J	0	0	0	0	0
bay whiff	L	0	0	0	0	0
bay whiff	A	1	1	1	1	0
summer flounder	L	0	0	0	0	0
summer flounder	E	0	0	0	0	0
summer flounder	S	0	0	0	0	0
summer flounder	J	1	1	1	1	0
summer flounder	A	1	1	1	1	0
lined sole	E	0	0	0	0	0
lined sole	J	0	1	0	0	1
lined sole	L	0	0	0	0	0
lined sole	A	0	0	0	0	0
lined sole	S	0	0	0	0	0

Indian River Lagoon

Oceanic Zones

Species	Life Stage	Inner Shelf	Middle Shelf	Outer Shelf	Shelf Slope	Open Ocean
bull shark	A	1	0	0	0	0
bull shark	J	1	0	0	0	0
bull shark	L	2	2	2	2	2
bull shark	M	1	0	0	0	0
bull shark	P	1	0	0	0	0
ladyfish	A	0	0	0	0	0
ladyfish	E	1	0	0	0	0
ladyfish	J	0	0	0	0	0
ladyfish	L	1	0	0	0	0
ladyfish	S	1	0	0	0	0
tarpon	A	1	0	0	0	0
tarpon	E	0	0	0	0	0
tarpon	J	1	0	0	0	0
tarpon	L	1	1	1	0	0
tarpon	S	1	1	1	0	0
Alabama shad	E	0	0	0	0	0
Alabama shad	L	0	0	0	0	0
Alabama shad	S	0	0	0	0	0
Alabama shad	A	0	0	0	0	0
yellowfin menhaden	A	1	0	0	0	0
yellowfin menhaden	E	1	0	0	0	0
yellowfin menhaden	L	1	0	0	0	0
yellowfin menhaden	J	1	0	0	0	0
yellowfin menhaden	S	1	0	0	0	0
Atlantic menhaden	J	1	0	0	0	0
Atlantic menhaden	L	1	0	0	0	0
Atlantic menhaden	E	1	0	0	0	0
Atlantic menhaden	A	1	0	0	0	0
Atlantic menhaden	S	1	0	0	0	0
scaled sardine	A	1	0	0	0	0
scaled sardine	E	1	0	0	0	0
scaled sardine	J	1	0	0	0	0
scaled sardine	L	1	0	0	0	0
scaled sardine	S	1	0	0	0	0
Atlantic thread herring	E	0	0	0	0	0
Atlantic thread herring	L	0	0	0	0	0
Atlantic thread herring	J	1	0	0	0	0
Atlantic thread herring	A	1	1	0	0	0
Atlantic thread herring	S	1	0	0	0	0
Spanish sardine	E	1	1	0	0	0
Spanish sardine	J	1	0	0	0	0
Spanish sardine	L	1	0	0	0	0
Spanish sardine	A	1	0	0	0	0
Spanish sardine	S	1	0	0	0	0
bay anchovy	A	1	0	0	0	0
bay anchovy	E	1	1	0	0	0
bay anchovy	J	1	0	0	0	0
bay anchovy	L	1	0	0	0	0
bay anchovy	S	1	0	0	0	0
hardhead catfish	A	1	0	0	0	0
hardhead catfish	E	0	0	0	0	0
hardhead catfish	J	1	0	0	0	0

Species	Life Stage	Inner Shelf	Middle Shelf	Outer Shelf	Shelf Slope	Open Ocean
hardhead catfish	L	0	0	0	0	0
hardhead catfish	S	1	0	0	0	0
gafftopsail catfish	A	1	0	0	0	0
gafftopsail catfish	E	0	0	0	0	0
gafftopsail catfish	J	1	0	0	0	0
gafftopsail catfish	L	0	0	0	0	0
gafftopsail catfish	S	1	0	0	0	0
silverstripe halfbeak	A	1	0	0	0	0
silverstripe halfbeak	S	0	0	0	0	0
silverstripe halfbeak	J	1	0	0	0	0
silverstripe halfbeak	L	0	0	0	0	0
silverstripe halfbeak	E	0	0	0	0	0
sheepshead minnow	A	0	0	0	0	0
sheepshead minnow	L	0	0	0	0	0
sheepshead minnow	E	0	0	0	0	0
sheepshead minnow	J	0	0	0	0	0
sheepshead minnow	S	0	0	0	0	0
goldspotted killifish	L	1	0	0	0	0
goldspotted killifish	E	1	0	0	0	0
goldspotted killifish	S	1	0	0	0	0
goldspotted killifish	J	1	0	0	0	0
goldspotted killifish	A	1	0	0	0	0
marsh killifish	A	0	0	0	0	0
marsh killifish	S	0	0	0	0	0
marsh killifish	J	0	0	0	0	0
marsh killifish	L	0	0	0	0	0
marsh killifish	E	0	0	0	0	0
Gulf killifish	A	0	0	0	0	0
Gulf killifish	S	0	0	0	0	0
Gulf killifish	J	0	0	0	0	0
Gulf killifish	L	0	0	0	0	0
Gulf killifish	E	0	0	0	0	0
rainwater killifish	L	1	1	0	0	0
rainwater killifish	E	1	0	0	0	0
rainwater killifish	S	1	0	0	0	0
rainwater killifish	J	1	0	0	0	0
rainwater killifish	A	1	0	0	0	0
sailfin molly	L	2	2	2	2	2
sailfin molly	L	2	2	2	2	2
Atlantic silversides	A	0	0	0	0	0
Atlantic silversides	E	0	0	0	0	0
Atlantic silversides	J	0	0	0	0	0
Atlantic silversides	L	0	0	0	0	0
Atlantic silversides	S	0	0	0	0	0
Gulf pipefish	E	0	0	0	0	0
Gulf pipefish	J	0	0	0	0	0
Gulf pipefish	L	0	0	0	0	0
Gulf pipefish	A	0	0	0	0	0
Gulf pipefish	S	0	0	0	0	0
snook	A	1	0	0	0	0
snook	E	1	0	0	0	0
snook	J	0	0	0	0	0
snook	L	0	0	0	0	0
snook	S	0	0	0	0	0
jewfish	A	1	0	0	0	0
jewfish	S	1	0	0	0	0

Species	Life Stage	Inner Shelf	Middle Shelf	Outer Shelf	Shelf Slope	Open Ocean
jewfish	J	1	0	0	0	0
jewfish	L	1	1	0	0	0
jewfish	E	1	1	0	0	0
red grouper	A	1	1	1	0	0
red grouper	S	1	1	1	0	0
red grouper	J	0	0	0	0	0
red grouper	L	1	1	0	0	0
red grouper	E	1	1	0	0	0
gag	A	1	0	0	0	0
gag	E	1	0	0	0	0
gag	J	1	0	0	0	0
gag	L	1	0	0	0	0
gag	S	1	0	0	0	0
crevalle jack	A	1	0	0	0	0
crevalle jack	E	1	0	0	0	0
crevalle jack	J	1	0	0	0	0
crevalle jack	L	0	0	0	0	0
crevalle jack	S	1	0	0	0	0
Florida pompano	A	1	0	0	0	0
Florida pompano	E	1	0	0	0	0
Florida pompano	J	0	0	0	0	0
Florida pompano	L	0	0	0	0	0
Florida pompano	S	1	1	0	0	0
permit	A	1	0	0	0	0
permit	S	1	0	0	0	0
permit	E	1	0	0	0	0
permit	J	0	0	0	0	0
permit	L	1	0	0	0	0
mutton snapper	A	1	1	0	0	0
mutton snapper	S	1	1	0	0	0
mutton snapper	J	1	0	0	0	0
mutton snapper	L	1	1	0	0	0
mutton snapper	E	1	1	0	0	0
gray snapper	A	1	0	0	0	0
gray snapper	E	1	0	0	0	0
gray snapper	J	1	0	0	0	0
gray snapper	L	1	0	0	0	0
gray snapper	S	1	0	0	0	0
lane snapper	A	1	1	0	0	0
lane snapper	S	1	1	0	0	0
lane snapper	J	1	0	0	0	0
lane snapper	L	1	0	0	0	0
lane snapper	E	1	1	0	0	0
striped mojarra	A	0	0	0	0	0
striped mojarra	E	0	0	0	0	0
striped mojarra	J	0	0	0	0	0
striped mojarra	S	0	0	0	0	0
striped mojarra	L	0	0	0	0	0
white grunt	A	1	0	0	0	0
white grunt	E	1	0	0	0	0
white grunt	J	1	0	0	0	0
white grunt	L	1	0	0	0	0
white grunt	S	1	0	0	0	0
pigfish	A	1	0	0	0	0
pigfish	E	1	0	0	0	0
pigfish	J	0	0	0	0	0

Species	Life Stage	Inner Shelf	Middle Shelf	Outer Shelf	Shelf Slope	Open Ocean
pigfish	L	1	0	0	0	0
pigfish	S	1	0	0	0	0
sheepshead	A	1	0	0	0	0
sheepshead	E	1	0	0	0	0
sheepshead	J	0	0	0	0	0
sheepshead	L	1	0	0	0	0
sheepshead	S	1	0	0	0	0
pinfish	E	1	0	0	0	0
pinfish	L	0	0	0	0	0
pinfish	J	1	0	0	0	0
pinfish	A	0	0	0	0	0
pinfish	S	1	0	0	0	0
silver perch	A	0	0	0	0	0
silver perch	E	0	0	0	0	0
silver perch	L	0	0	0	0	0
silver perch	S	0	0	0	0	0
silver perch	J	0	0	0	0	0
spotted seatrout	A	0	0	0	0	0
spotted seatrout	E	0	0	0	0	0
spotted seatrout	J	0	0	0	0	0
spotted seatrout	L	0	0	0	0	0
spotted seatrout	S	0	0	0	0	0
weakfish	E	1	0	0	0	0
weakfish	S	1	0	0	0	0
weakfish	J	1	0	0	0	0
weakfish	L	1	0	0	0	0
weakfish	A	1	0	0	0	0
spot	A	1	1	0	0	0
spot	E	1	1	0	0	0
spot	J	1	1	0	0	0
spot	L	1	1	0	0	0
spot	S	1	1	0	0	0
Atlantic croaker	A	1	1	0	0	0
Atlantic croaker	E	0	1	1	0	0
Atlantic croaker	L	0	1	1	0	0
Atlantic croaker	J	1	0	0	0	0
Atlantic croaker	S	1	0	0	0	0
black drum	A	1	0	0	0	0
black drum	S	1	0	0	0	0
black drum	J	1	0	0	0	0
black drum	L	0	0	0	0	0
black drum	E	1	0	0	0	0
red drum	A	1	1	0	0	0
red drum	E	1	0	0	0	0
red drum	J	0	0	0	0	0
red drum	L	0	0	0	0	0
red drum	S	1	0	0	0	0
striped mullet	A	0	0	0	0	0
striped mullet	E	1	1	0	0	0
striped mullet	J	0	0	0	0	0
striped mullet	L	1	0	0	0	0
striped mullet	S	1	0	0	0	0
white mullet	L	1	1	0	0	0
white mullet	E	1	1	1	0	0
white mullet	S	1	1	1	0	0
white mullet	J	1	0	0	0	0

Species	Life Stage	Inner Shelf	Middle Shelf	Outer Shelf	Shelf Slope	Open Ocean
white mullet	A	1	1	0	0	0
great barracuda	A	1	0	0	0	0
great barracuda	E	1	0	0	0	0
great barracuda	J	1	0	0	0	0
great barracuda	L	1	0	0	0	0
great barracuda	S	1	0	0	0	0
darter goby	E	0	0	0	0	0
darter goby	J	0	0	0	0	0
darter goby	L	0	0	0	0	0
darter goby	A	0	0	0	0	0
darter goby	S	0	0	0	0	0
naked goby	L	0	0	0	0	0
naked goby	E	0	0	0	0	0
naked goby	S	0	0	0	0	0
naked goby	J	0	0	0	0	0
naked goby	A	0	0	0	0	0
code goby	A	0	0	0	0	0
code goby	E	0	0	0	0	0
code goby	J	0	0	0	0	0
code goby	L	0	0	0	0	0
code goby	S	0	0	0	0	0
clown goby	L	0	0	0	0	0
clown goby	E	0	0	0	0	0
clown goby	S	0	0	0	0	0
clown goby	J	0	0	0	0	0
clown goby	A	0	0	0	0	0
Atlantic cutlassfish	J	0	0	0	0	0
Atlantic cutlassfish	L	0	1	1	0	0
Atlantic cutlassfish	E	0	1	1	0	0
Atlantic cutlassfish	A	1	1	1	1	0
Atlantic cutlassfish	S	1	1	1	0	0
bay whiff	E	0	0	0	0	0
bay whiff	S	1	1	0	0	0
bay whiff	J	0	0	0	0	0
bay whiff	L	1	0	0	0	0
bay whiff	A	1	1	0	0	0
summer flounder	L	1	0	0	0	0
summer flounder	E	1	1	0	0	0
summer flounder	S	1	1	0	0	0
summer flounder	J	1	0	0	0	0
summer flounder	A	1	1	0	0	0
lined sole	E	0	0	0	0	0
lined sole	J	0	0	0	0	0
lined sole	L	0	0	0	0	0
lined sole	A	1	1	0	0	0
lined sole	S	0	0	0	0	0

Indian River Lagoon

Species	Life Stage	Salinity Zones (ppt)		
		Tidal 0 - 0.5	Mixing >0.5 - 25	Seawater >25
bull shark	A	1	1	1
bull shark	J	1	1	1
bull shark	L	2	2	2
bull shark	M	0	1	1
bull shark	P	0	1	1
ladyfish	A	1	1	1
ladyfish	E	0	0	1
ladyfish	J	0	1	1
ladyfish	L	0	0	1
ladyfish	S	0	0	1
tarpon	A	1	1	1
tarpon	E	0	0	0
tarpon	J	1	1	1
tarpon	L	1	1	1
tarpon	S	0	0	0
Alabama shad	E	0	0	0
Alabama shad	L	0	0	0
Alabama shad	S	0	0	0
Alabama shad	A	1	1	1
yellowfin menhaden	A	0	1	1
yellowfin menhaden	E	0	1	1
yellowfin menhaden	L	0	1	1
yellowfin menhaden	J	1	1	1
yellowfin menhaden	S	0	1	1
Atlantic menhaden	J	1	1	1
Atlantic menhaden	L	0	1	1
Atlantic menhaden	E	0	1	1
Atlantic menhaden	A	1	1	1
Atlantic menhaden	S	0	1	1
scaled sardine	A	0	1	1
scaled sardine	E	0	1	1
scaled sardine	J	0	1	1
scaled sardine	L	0	1	1
scaled sardine	S	0	1	1
Atlantic thread herring	E	0	0	0
Atlantic thread herring	L	0	0	1
Atlantic thread herring	J	0	1	0
Atlantic thread herring	A	0	1	1
Atlantic thread herring	S	0	0	1
Spanish sardine	E	0	0	1
Spanish sardine	J	0	0	1
Spanish sardine	L	0	0	1
Spanish sardine	A	0	0	1
Spanish sardine	S	0	0	1
bay anchovy	A	1	1	1
bay anchovy	E	0	1	1
bay anchovy	J	1	1	1
bay anchovy	L	1	1	1
bay anchovy	S	0	1	1
hardhead catfish	A	1	1	1
hardhead catfish	E	0	1	1
hardhead catfish	J	0	1	1

Species	Life Stage	Tidal 0 - 0.5	Mixing >0.5 - 25	Seawater >25
hardhead catfish	L	0	0	0
hardhead catfish	S	0	1	1
gafftopsail catfish	A	0	1	1
gafftopsail catfish	E	0	1	0
gafftopsail catfish	J	0	1	1
gafftopsail catfish	L	0	1	0
gafftopsail catfish	S	0	1	1
silverstripe halfbeak	A	0	1	1
silverstripe halfbeak	S	0	1	0
silverstripe halfbeak	J	0	1	1
silverstripe halfbeak	L	0	0	1
silverstripe halfbeak	E	0	0	1
sheepshead minnow	A	1	1	1
sheepshead minnow	L	1	1	1
sheepshead minnow	E	1	1	1
sheepshead minnow	J	1	1	1
sheepshead minnow	S	1	1	1
goldspotted killifish	L	0	1	0
goldspotted killifish	E	0	1	1
goldspotted killifish	S	0	1	1
goldspotted killifish	J	0	1	1
goldspotted killifish	A	0	1	1
marsh killifish	A	1	1	1
marsh killifish	S	1	1	1
marsh killifish	J	1	1	1
marsh killifish	L	1	1	1
marsh killifish	E	1	1	1
Gulf killifish	A	1	1	1
Gulf killifish	S	1	1	1
Gulf killifish	J	1	1	1
Gulf killifish	L	1	1	1
Gulf killifish	E	1	1	1
rainwater killifish	L	1	1	1
rainwater killifish	E	1	1	1
rainwater killifish	S	1	1	1
rainwater killifish	J	1	1	1
rainwater killifish	A	1	1	1
sailfin molly	L	2	2	2
sailfin molly	L	2	2	2
Atlantic silversides	A	1	1	1
Atlantic silversides	E	0	1	0
Atlantic silversides	J	1	1	1
Atlantic silversides	L	1	1	1
Atlantic silversides	S	1	1	1
Gulf pipefish	E	0	1	1
Gulf pipefish	J	0	1	1
Gulf pipefish	L	0	1	1
Gulf pipefish	A	0	1	1
Gulf pipefish	S	0	0	0
snook	A	1	1	1
snook	E	0	0	1
snook	J	1	1	1
snook	L	1	1	1
snook	S	0	0	1
jewfish	A	0	0	1
jewfish	S	0	0	1

Species	Life Stage	Tidal 0 - 0.5	Mixing >0.5 - 25	Seawater >25
jewfish	J	1	1	1
jewfish	L	0	0	1
jewfish	E	0	0	1
red grouper	A	0	0	1
red grouper	S	0	0	1
red grouper	J	0	0	1
red grouper	L	0	0	0
red grouper	E	0	0	0
gag	A	0	1	1
gag	E	0	0	1
gag	J	0	0	1
gag	L	0	0	1
gag	S	0	0	1
crevalle jack	A	1	1	1
crevalle jack	E	0	1	1
crevalle jack	J	0	1	1
crevalle jack	L	0	1	0
crevalle jack	S	0	0	1
Florida pompano	A	0	1	1
Florida pompano	E	0	0	1
Florida pompano	J	0	1	1
Florida pompano	L	0	0	1
Florida pompano	S	0	0	1
permit	A	1	1	1
permit	S	0	0	1
permit	E	0	0	1
permit	J	0	1	1
permit	L	0	1	1
mutton snapper	A	0	0	1
mutton snapper	S	0	0	1
mutton snapper	J	0	1	1
mutton snapper	L	0	0	1
mutton snapper	E	0	0	1
gray snapper	A	0	1	1
gray snapper	E	0	0	1
gray snapper	J	0	1	1
gray snapper	L	0	1	1
gray snapper	S	0	0	1
lane snapper	A	0	0	1
lane snapper	S	0	0	1
lane snapper	J	0	0	1
lane snapper	L	0	0	1
lane snapper	E	0	0	1
striped mojarra	A	1	1	1
striped mojarra	E	0	0	0
striped mojarra	J	1	1	1
striped mojarra	S	0	0	0
striped mojarra	L	0	0	0
white grunt	A	0	1	1
white grunt	E	0	1	1
white grunt	J	0	1	1
white grunt	L	0	1	1
white grunt	S	0	1	1
pigfish	A	0	1	1
pigfish	E	0	1	1
pigfish	J	0	1	1

Species	Life Stage	Tidal 0 - 0.5	Mixing >0.5 - 25	Seawater >25
pigfish	L	0	1	0
pigfish	S	0	1	1
sheepshead	A	1	1	1
sheepshead	E	0	0	1
sheepshead	J	1	1	1
sheepshead	L	0	1	1
sheepshead	S	0	0	1
pinfish	E	0	1	1
pinfish	L	0	1	1
pinfish	J	0	1	1
pinfish	A	0	1	1
pinfish	S	0	1	1
silver perch	A	1	1	1
silver perch	E	0	1	1
silver perch	L	1	1	1
silver perch	S	0	1	0
silver perch	J	1	1	1
spotted seatrout	A	1	1	1
spotted seatrout	E	0	1	1
spotted seatrout	J	0	1	1
spotted seatrout	L	0	1	1
spotted seatrout	S	0	1	1
weakfish	E	0	1	1
weakfish	S	0	1	1
weakfish	J	0	1	1
weakfish	L	0	1	1
weakfish	A	1	1	0
spot	A	1	1	1
spot	E	0	0	1
spot	J	1	1	1
spot	L	0	0	1
spot	S	0	0	1
Atlantic croaker	A	1	1	1
Atlantic croaker	E	0	0	1
Atlantic croaker	L	0	0	1
Atlantic croaker	J	0	0	1
Atlantic croaker	S	0	0	0
black drum	A	0	1	1
black drum	S	0	1	1
black drum	J	0	1	1
black drum	L	0	1	1
black drum	E	0	1	1
red drum	A	1	1	1
red drum	E	0	1	1
red drum	J	1	1	1
red drum	L	1	1	1
red drum	S	0	1	1
striped mullet	A	1	1	1
striped mullet	E	0	0	0
striped mullet	J	1	1	1
striped mullet	L	0	1	1
striped mullet	S	0	0	1
white mullet	L	0	0	0
white mullet	E	0	0	0
white mullet	S	0	0	1
white mullet	J	1	1	0

Species	Life Stage	Tidal 0 - 0.5	Mixing >0.5 - 25	Seawater >25
white mullet	A	1	1	1
great barracuda	A	0	1	1
great barracuda	E	0	1	1
great barracuda	J	0	1	1
great barracuda	L	0	1	1
great barracuda	S	0	1	1
darter goby	E	0	0	0
darter goby	J	1	1	1
darter goby	L	0	0	0
darter goby	A	1	1	1
darter goby	S	0	0	0
naked goby	L	1	1	0
naked goby	E	0	1	0
naked goby	S	1	1	0
naked goby	J	0	1	0
naked goby	A	1	1	0
code goby	A	0	1	1
code goby	E	0	1	1
code goby	J	0	1	1
code goby	L	0	1	1
code goby	S	0	1	1
clown goby	L	1	1	1
clown goby	E	1	1	1
clown goby	S	1	1	1
clown goby	J	1	1	1
clown goby	A	1	1	1
Atlantic cutlassfish	J	0	0	0
Atlantic cutlassfish	L	0	0	0
Atlantic cutlassfish	E	0	0	0
Atlantic cutlassfish	A	0	1	1
Atlantic cutlassfish	S	0	0	0
bay whiff	E	0	0	0
bay whiff	S	0	0	0
bay whiff	J	0	0	0
bay whiff	L	0	0	0
bay whiff	A	0	1	1
summer flounder	L	0	0	0
summer flounder	E	0	0	0
summer flounder	S	0	0	0
summer flounder	J	0	1	1
summer flounder	A	0	1	1
lined sole	E	0	0	0
lined sole	J	1	1	1
lined sole	L	0	0	0
lined sole	A	0	0	1
lined sole	S	0	0	0

Indian River Lagoon

Temperature °C

Species	Life Stage	<= 5	>5-10	>10-15	>15-20	>20-25	>25-30	> 30
bull shark	A	0	0	0	1	1	1	0
bull shark	J	0	0	0	1	1	1	0
bull shark	L	2	2	2	2	2	2	2
bull shark	M	0	0	0	0	1	1	0
bull shark	P	0	0	0	0	1	1	0
ladyfish	A	0	0	0	1	1	1	0
ladyfish	E	0	0	0	0	0	1	1
ladyfish	J	0	0	1	1	1	1	1
ladyfish	L	0	0	0	0	1	1	0
ladyfish	S	0	0	0	0	1	1	0
tarpon	A	0	0	1	1	1	1	1
tarpon	E	0	0	0	0	0	0	0
tarpon	J	0	0	1	1	1	1	1
tarpon	L	0	0	0	0	0	1	1
tarpon	S	0	0	0	0	0	1	1
Alabama shad	E	0	0	0	0	0	0	0
Alabama shad	L	0	0	0	0	0	0	0
Alabama shad	S	0	0	0	0	0	0	0
Alabama shad	A	0	0	0	0	0	0	0
yellowfin menhaden	A	0	0	0	1	1	1	0
yellowfin menhaden	E	0	0	0	1	1	0	0
yellowfin menhaden	L	0	0	1	1	1	0	0
yellowfin menhaden	J	0	0	1	1	1	1	0
yellowfin menhaden	S	0	0	1	1	1	0	0
Atlantic menhaden	J	1	1	1	1	1	1	0
Atlantic menhaden	L	0	0	0	1	1	1	0
Atlantic menhaden	E	0	0	0	0	1	1	0
Atlantic menhaden	A	0	0	0	1	1	1	0
Atlantic menhaden	S	0	0	0	1	1	0	0
scaled sardine	A	0	0	0	1	1	1	0
scaled sardine	E	0	0	0	0	1	1	0
scaled sardine	J	0	0	0	1	1	1	0
scaled sardine	L	0	0	0	0	1	1	0
scaled sardine	S	0	0	0	0	1	1	0
Atlantic thread herring	E	0	0	0	0	0	1	0
Atlantic thread herring	L	0	0	0	0	0	1	0
Atlantic thread herring	J	0	0	0	1	1	1	0
Atlantic thread herring	A	0	0	0	1	1	1	0
Atlantic thread herring	S	0	0	0	0	0	1	0
Spanish sardine	E	0	0	0	1	1	1	1
Spanish sardine	J	0	0	0	1	1	1	1
Spanish sardine	L	0	0	0	1	1	1	1
Spanish sardine	A	0	0	0	1	1	1	1
Spanish sardine	S	0	0	0	1	1	1	1
bay anchovy	A	1	1	1	1	1	1	1
bay anchovy	E	0	0	0	0	1	1	1
bay anchovy	J	1	1	1	1	1	1	1
bay anchovy	L	0	0	1	1	1	1	0
bay anchovy	S	0	0	0	1	1	1	0
hardhead catfish	A	0	1	1	1	1	1	0
hardhead catfish	E	0	0	0	0	1	1	1
hardhead catfish	J	0	1	1	1	1	1	1

Species	Life Stage	<= 5	>5-10	>10-15	>15-20	>20-25	>25-30	> 30
hardhead catfish	L	0	0	0	1	1	1	1
hardhead catfish	S	0	0	0	0	1	1	1
gafftopsail catfish	A	0	0	1	1	1	1	0
gafftopsail catfish	E	0	0	0	1	1	1	0
gafftopsail catfish	J	0	0	0	1	1	1	0
gafftopsail catfish	L	0	0	0	1	1	1	0
gafftopsail catfish	S	0	0	0	1	1	1	0
silverstripe halfbeak	A	0	0	0	1	1	1	1
silverstripe halfbeak	S	0	0	0	0	1	1	0
silverstripe halfbeak	J	0	0	0	0	1	1	1
silverstripe halfbeak	L	0	0	0	0	0	1	1
silverstripe halfbeak	E	0	0	0	0	1	1	1
sheepshead minnow	A	0	0	1	1	1	1	1
sheepshead minnow	L	0	0	0	1	1	1	1
sheepshead minnow	E	0	0	0	1	1	1	1
sheepshead minnow	J	0	0	0	1	1	1	1
sheepshead minnow	S	0	0	0	1	1	1	1
goldspotted killifish	L	0	0	1	1	1	1	1
goldspotted killifish	E	0	0	1	1	1	1	1
goldspotted killifish	S	0	0	1	1	1	1	1
goldspotted killifish	J	0	0	1	1	1	1	1
goldspotted killifish	A	0	0	1	1	1	1	1
marsh killifish	A	0	1	1	1	1	1	1
marsh killifish	S	0	0	0	1	1	1	1
marsh killifish	J	0	1	1	1	1	1	1
marsh killifish	L	0	1	1	1	1	1	1
marsh killifish	E	0	1	1	1	1	1	1
Gulf killifish	A	0	0	1	1	1	1	1
Gulf killifish	S	0	0	0	1	1	1	1
Gulf killifish	J	0	0	0	1	1	1	1
Gulf killifish	L	0	0	0	1	1	1	1
Gulf killifish	E	0	0	0	1	1	1	1
rainwater killifish	L	0	0	0	1	1	0	0
rainwater killifish	E	0	0	0	0	1	0	0
rainwater killifish	S	0	1	1	1	1	1	1
rainwater killifish	J	0	1	1	1	1	1	1
rainwater killifish	A	0	1	1	1	1	1	1
sailfin molly	L	2	2	2	2	2	2	2
sailfin molly	L	2	2	2	2	2	2	2
Atlantic silversides	A	0	0	1	1	1	1	0
Atlantic silversides	E	0	0	0	0	1	1	0
Atlantic silversides	J	0	0	1	1	1	1	0
Atlantic silversides	L	0	0	0	0	1	1	0
Atlantic silversides	S	0	0	0	1	1	1	1
Gulf pipefish	E	0	0	1	1	1	1	1
Gulf pipefish	J	0	0	1	1	1	1	1
Gulf pipefish	L	0	0	1	1	1	1	1
Gulf pipefish	A	0	0	1	1	1	1	1
Gulf pipefish	S	0	1	1	1	1	1	1
snook	A	0	0	1	1	1	1	1
snook	E	0	0	0	0	1	1	0
snook	J	0	0	1	1	1	1	1
snook	L	0	0	0	0	1	1	1
snook	S	0	0	0	0	1	1	0
jewfish	A	0	0	0	0	1	1	1
jewfish	S	0	0	0	0	1	1	0

Species	Life Stage	<= 5	>5-10	>10-15	>15-20	>20-25	>25-30	> 30
jewfish	J	0	0	0	1	1	1	1
jewfish	L	0	0	0	0	0	1	0
jewfish	E	0	0	0	0	0	1	0
red grouper	A	0	0	0	1	1	1	1
red grouper	S	0	0	0	0	0	1	0
red grouper	J	0	0	0	0	1	1	1
red grouper	L	0	0	0	0	0	1	0
red grouper	E	0	0	0	0	0	1	0
gag	A	0	0	0	1	1	1	0
gag	E	0	0	1	1	1	0	0
gag	J	0	0	0	1	1	1	0
gag	L	0	0	1	1	1	0	0
gag	S	0	0	1	1	1	0	0
crevalle jack	A	0	0	0	1	1	1	0
crevalle jack	E	0	0	0	0	1	1	0
crevalle jack	J	0	0	0	1	1	1	0
crevalle jack	L	0	0	0	0	1	1	0
crevalle jack	S	0	0	0	0	1	1	0
Florida pompano	A	0	0	0	1	1	1	0
Florida pompano	E	0	0	0	0	1	1	0
Florida pompano	J	0	0	0	1	1	1	0
Florida pompano	L	0	0	0	0	1	1	0
Florida pompano	S	0	0	0	0	1	1	0
permit	A	0	0	0	1	1	1	0
permit	S	0	0	0	0	1	1	0
permit	E	0	0	0	0	1	1	0
permit	J	0	0	0	1	1	1	0
permit	L	0	0	0	0	1	1	0
mutton snapper	A	0	0	0	1	1	1	0
mutton snapper	S	0	0	0	0	0	1	0
mutton snapper	J	0	0	0	0	1	1	1
mutton snapper	L	0	0	0	0	1	1	0
mutton snapper	E	0	0	0	0	0	1	0
gray snapper	A	0	0	0	1	1	1	1
gray snapper	E	0	0	0	0	1	1	0
gray snapper	J	0	0	0	1	1	1	0
gray snapper	L	0	0	0	0	1	1	0
gray snapper	S	0	0	0	0	1	1	0
lane snapper	A	0	0	0	0	1	1	0
lane snapper	S	0	0	0	0	0	1	0
lane snapper	J	0	0	0	0	1	1	1
lane snapper	L	0	0	0	0	1	1	0
lane snapper	E	0	0	0	0	1	1	0
striped mojarra	A	0	0	1	1	1	1	1
striped mojarra	E	0	0	0	0	1	1	0
striped mojarra	J	0	0	0	1	1	1	1
striped mojarra	S	0	0	0	0	0	0	0
striped mojarra	L	0	0	0	0	1	1	0
white grunt	A	0	0	1	1	1	1	1
white grunt	E	0	0	0	0	1	1	0
white grunt	J	0	0	0	1	1	1	1
white grunt	L	0	0	0	0	1	1	0
white grunt	S	0	0	0	1	1	1	0
pigfish	A	0	0	1	1	1	1	1
pigfish	E	0	0	0	1	1	1	0
pigfish	J	0	0	0	1	1	1	0

Species	Life Stage	<= 5	>5-10	>10-15	>15-20	>20-25	>25-30	> 30
pigfish	L	0	0	0	0	1	1	0
pigfish	S	0	0	0	1	1	1	0
sheepshead	A	0	1	1	1	1	1	1
sheepshead	E	0	0	0	0	1	1	0
sheepshead	J	0	1	1	1	1	1	1
sheepshead	L	0	0	0	0	1	1	0
sheepshead	S	0	0	0	0	1	1	0
pinfish	E	0	0	1	1	1	0	0
pinfish	L	0	0	1	1	1	0	0
pinfish	J	0	0	0	1	1	1	0
pinfish	A	0	0	1	1	1	1	0
pinfish	S	0	0	1	1	1	0	0
silver perch	A	0	1	1	1	1	1	1
silver perch	E	0	0	0	1	1	1	0
silver perch	L	0	0	0	1	1	1	1
silver perch	S	0	0	0	1	1	1	0
silver perch	J	0	1	1	1	1	1	1
spotted seatrout	A	0	0	0	1	1	1	0
spotted seatrout	E	0	0	0	0	1	1	0
spotted seatrout	J	0	0	1	1	1	1	0
spotted seatrout	L	0	0	0	0	1	1	0
spotted seatrout	S	0	0	0	0	1	1	0
weakfish	E	0	0	1	1	1	1	1
weakfish	S	0	0	0	1	1	1	0
weakfish	J	0	0	1	1	1	1	0
weakfish	L	0	0	1	1	1	1	1
weakfish	A	0	1	1	1	1	1	1
spot	A	1	1	1	1	1	1	0
spot	E	0	0	0	1	1	1	0
spot	J	1	1	1	1	1	1	0
spot	L	0	0	0	1	1	0	0
spot	S	0	0	0	1	1	0	0
Atlantic croaker	A	0	0	0	1	1	0	0
Atlantic croaker	E	0	0	0	0	0	0	0
Atlantic croaker	L	0	0	0	1	1	0	0
Atlantic croaker	J	0	1	1	1	0	0	0
Atlantic croaker	S	0	0	0	0	0	0	0
black drum	A	0	0	0	1	1	1	0
black drum	S	0	0	0	1	1	1	0
black drum	J	0	1	1	1	1	1	0
black drum	L	0	0	0	1	1	1	0
black drum	E	0	0	1	1	1	1	0
red drum	A	1	1	1	1	1	1	0
red drum	E	0	0	0	1	1	0	0
red drum	J	1	1	1	1	1	1	0
red drum	L	0	0	1	1	0	0	0
red drum	S	0	0	1	1	0	0	0
striped mullet	A	0	1	1	1	1	1	1
striped mullet	E	0	0	1	1	1	0	0
striped mullet	J	0	0	1	1	1	1	1
striped mullet	L	0	0	1	1	1	0	0
striped mullet	S	0	0	1	1	1	0	0
white mullet	L	0	0	0	0	0	1	0
white mullet	E	0	0	0	0	0	1	1
white mullet	S	0	0	0	0	1	1	0
white mullet	J	0	0	0	1	1	1	1

Species	Life Stage	<= 5	>5-10	>10-15	>15-20	>20-25	>25-30	> 30
white mullet	A	0	0	1	1	1	1	1
great barracuda	A	0	0	0	1	1	1	1
great barracuda	E	0	0	0	0	1	1	0
great barracuda	J	0	0	0	1	1	1	0
great barracuda	L	0	0	0	1	1	1	0
great barracuda	S	0	0	0	0	1	1	0
darter goby	E	0	0	0	0	0	0	0
darter goby	J	0	0	1	1	1	1	1
darter goby	L	0	0	0	0	0	0	0
darter goby	A	0	0	1	1	1	1	1
darter goby	S	0	0	0	0	0	0	0
naked goby	L	0	0	0	0	1	1	1
naked goby	E	0	0	0	0	1	1	1
naked goby	S	0	0	0	0	0	0	0
naked goby	J	0	0	0	0	0	0	0
naked goby	A	0	0	1	1	1	1	1
code goby	A	0	0	1	1	1	1	1
code goby	E	0	0	0	1	1	1	0
code goby	J	0	0	0	1	1	0	0
code goby	L	0	0	0	1	1	1	0
code goby	S	0	0	0	1	1	1	0
clown goby	L	0	0	0	0	0	0	0
clown goby	E	0	0	0	1	1	1	1
clown goby	S	0	0	1	1	1	1	1
clown goby	J	0	0	1	1	1	1	1
clown goby	A	0	0	1	1	1	1	1
Atlantic cutlassfish	J	0	0	0	0	0	0	0
Atlantic cutlassfish	L	0	0	0	1	1	1	1
Atlantic cutlassfish	E	0	0	0	0	0	1	1
Atlantic cutlassfish	A	0	0	0	1	1	0	0
Atlantic cutlassfish	S	0	0	0	1	1	0	0
bay whiff	E	0	0	0	0	0	0	0
bay whiff	S	0	0	0	0	0	0	0
bay whiff	J	0	0	0	1	1	0	0
bay whiff	L	1	1	1	1	1	1	0
bay whiff	A	1	1	1	1	1	1	1
summer flounder	L	1	1	1	0	0	0	0
summer flounder	E	0	0	1	1	0	0	0
summer flounder	S	0	0	1	1	0	0	0
summer flounder	J	1	1	1	1	0	0	0
summer flounder	A	0	1	1	1	0	0	0
lined sole	E	0	0	0	0	0	0	0
lined sole	J	0	0	1	1	1	1	1
lined sole	L	0	0	0	0	0	0	0
lined sole	A	0	0	1	1	1	1	1
lined sole	S	0	0	0	0	0	0	0

Indian River Lagoon

Live/Hard Bottom

Species	Life Stage	Live Bottom	Pebble - Gravel	Rocky Outcrop	Shell	Coral	Artificial Reef
bull shark	A	0	0	0	0	0	0
bull shark	J	0	0	0	0	0	0
bull shark	L	2	2	2	2	2	2
bull shark	M	0	0	0	0	0	0
bull shark	P	0	0	0	0	0	0
ladyfish	A	1	0	0	0	0	0
ladyfish	E	0	0	0	0	0	0
ladyfish	J	0	0	0	0	0	0
ladyfish	L	0	0	0	0	0	0
ladyfish	S	0	0	0	0	0	0
tarpon	A	1	0	1	0	1	1
tarpon	E	0	0	0	0	0	0
tarpon	J	0	0	0	0	0	0
tarpon	L	0	0	0	0	0	0
tarpon	S	0	0	0	0	0	0
Alabama shad	E	0	0	0	0	0	0
Alabama shad	L	0	0	0	0	0	0
Alabama shad	S	0	1	0	0	0	0
Alabama shad	A	0	0	0	0	0	0
yellowfin menhaden	A	0	0	0	1	0	0
yellowfin menhaden	E	0	0	0	0	0	0
yellowfin menhaden	L	0	0	0	0	0	0
yellowfin menhaden	J	0	0	0	1	0	0
yellowfin menhaden	S	0	0	0	0	0	0
Atlantic menhaden	J	0	0	0	0	0	0
Atlantic menhaden	L	0	0	0	0	0	0
Atlantic menhaden	E	0	0	0	0	0	0
Atlantic menhaden	A	0	0	0	0	0	0
Atlantic menhaden	S	0	0	0	0	0	0
scaled sardine	A	0	0	0	0	0	0
scaled sardine	E	0	0	0	0	0	0
scaled sardine	J	0	0	0	0	0	0
scaled sardine	L	0	0	0	0	0	0
scaled sardine	S	0	0	0	0	0	0
Atlantic thread herring	E	0	0	0	0	0	0
Atlantic thread herring	L	0	0	0	0	0	0
Atlantic thread herring	J	0	0	0	0	0	0
Atlantic thread herring	A	0	0	0	0	0	0
Atlantic thread herring	S	0	0	0	0	0	0
Spanish sardine	E	0	0	0	0	0	0
Spanish sardine	J	0	0	0	0	0	0
Spanish sardine	L	0	0	0	0	0	0
Spanish sardine	A	0	0	0	0	0	0
Spanish sardine	S	0	0	0	0	0	0
bay anchovy	A	0	0	0	1	0	0
bay anchovy	E	0	0	0	0	0	0
bay anchovy	J	0	0	0	1	0	0
bay anchovy	L	0	0	0	0	0	0
bay anchovy	S	0	0	0	0	0	0
hardhead catfish	A	0	1	1	1	0	0
hardhead catfish	E	0	0	0	0	0	0
hardhead catfish	J	0	1	1	0	0	0

Species	Life Stage	Live Bottom	Pebble - Gravel	Rocky Outcrop	Shell	Coral	Artificial Reef
hardhead catfish	L	0	0	0	0	0	0
hardhead catfish	S	0	0	0	0	0	0
gafftopsail catfish	A	0	0	0	1	0	0
gafftopsail catfish	E	0	0	0	0	0	0
gafftopsail catfish	J	0	0	0	0	0	0
gafftopsail catfish	L	0	0	0	0	0	0
gafftopsail catfish	S	0	0	0	0	0	0
silverstripe halfbeak	A	0	0	0	0	0	0
silverstripe halfbeak	S	0	0	0	0	0	0
silverstripe halfbeak	J	0	0	0	0	0	0
silverstripe halfbeak	L	0	0	0	0	0	0
silverstripe halfbeak	E	0	0	0	0	0	0
sheepshead minnow	A	0	0	0	1	0	0
sheepshead minnow	L	0	0	0	1	0	0
sheepshead minnow	E	0	0	0	1	0	0
sheepshead minnow	J	0	0	0	1	0	0
sheepshead minnow	S	0	0	0	1	0	0
goldspotted killifish	L	0	0	0	0	0	0
goldspotted killifish	E	0	0	0	0	0	0
goldspotted killifish	S	0	0	0	0	0	0
goldspotted killifish	J	0	0	0	0	0	0
goldspotted killifish	A	0	0	0	0	0	0
marsh killifish	A	0	0	0	0	0	0
marsh killifish	S	0	0	0	0	0	0
marsh killifish	J	0	0	0	0	0	0
marsh killifish	L	0	0	0	0	0	0
marsh killifish	E	0	0	0	0	0	0
Gulf killifish	A	0	0	0	0	0	0
Gulf killifish	S	0	0	0	0	0	0
Gulf killifish	J	0	0	0	0	0	0
Gulf killifish	L	0	0	0	0	0	0
Gulf killifish	E	0	0	0	0	0	0
rainwater killifish	L	0	0	0	0	0	0
rainwater killifish	E	0	0	0	0	0	0
rainwater killifish	S	0	0	0	0	0	0
rainwater killifish	J	0	0	0	0	0	0
rainwater killifish	A	0	0	0	0	0	0
sailfin molly	L	2	2	2	2	2	2
sailfin molly	L	2	2	2	2	2	2
Atlantic silversides	A	0	0	0	1	0	0
Atlantic silversides	E	0	0	0	0	0	0
Atlantic silversides	J	0	0	0	1	0	0
Atlantic silversides	L	0	0	0	0	0	0
Atlantic silversides	S	0	0	0	0	0	0
Gulf pipefish	E	0	0	0	0	0	0
Gulf pipefish	J	0	0	0	0	0	0
Gulf pipefish	L	0	0	0	0	0	0
Gulf pipefish	A	0	0	0	0	0	0
Gulf pipefish	S	0	0	0	0	0	0
snook	A	1	1	0	1	0	0
snook	E	0	0	0	0	0	0
snook	J	0	1	0	1	0	0
snook	L	0	0	0	0	0	0
snook	S	0	0	0	0	0	0
jewfish	A	1	1	1	0	1	1
jewfish	S	1	0	1	0	1	1

Species	Life Stage	Live Bottom	Pebble - Gravel	Rocky Outcrop	Shell	Coral	Artificial Reef
jewfish	J	1	1	1	0	1	1
jewfish	L	0	0	0	0	0	0
jewfish	E	0	0	0	0	0	0
red grouper	A	1	1	1	1	1	1
red grouper	S	1	0	1	0	1	0
red grouper	J	1	0	0	0	1	1
red grouper	L	0	0	0	0	0	0
red grouper	E	0	0	0	0	0	0
gag	A	1	1	1	0	1	1
gag	E	0	0	0	0	0	0
gag	J	1	0	1	0	1	1
gag	L	0	0	0	0	0	0
gag	S	0	0	0	0	0	0
crevalle jack	A	0	0	0	0	0	0
crevalle jack	E	0	0	0	0	0	0
crevalle jack	J	0	0	0	0	0	0
crevalle jack	L	0	0	0	0	0	0
crevalle jack	S	0	0	0	0	0	0
Florida pompano	A	0	0	1	1	0	1
Florida pompano	E	0	0	0	0	0	0
Florida pompano	J	0	0	0	1	0	0
Florida pompano	L	0	0	0	0	0	0
Florida pompano	S	0	0	0	0	0	0
permit	A	0	0	1	0	0	1
permit	S	0	0	0	0	0	0
permit	E	0	0	0	0	0	0
permit	J	1	0	0	0	0	0
permit	L	0	0	0	0	0	0
mutton snapper	A	1	0	1	0	1	1
mutton snapper	S	1	0	1	0	1	0
mutton snapper	J	1	1	1	1	1	1
mutton snapper	L	0	0	0	0	0	0
mutton snapper	E	0	0	0	0	0	0
gray snapper	A	1	1	1	1	1	1
gray snapper	E	0	0	0	0	0	0
gray snapper	J	1	1	1	0	0	0
gray snapper	L	0	0	0	0	0	0
gray snapper	S	0	0	0	0	0	0
lane snapper	A	1	1	1	1	1	1
lane snapper	S	1	0	1	0	1	0
lane snapper	J	1	1	1	1	1	1
lane snapper	L	0	0	0	0	0	0
lane snapper	E	0	0	0	0	0	0
striped mojarra	A	0	0	0	0	0	0
striped mojarra	E	0	0	0	0	0	0
striped mojarra	J	0	0	0	0	0	0
striped mojarra	S	0	0	0	0	0	0
striped mojarra	L	0	0	0	0	0	0
white grunt	A	1	0	0	1	0	0
white grunt	E	0	0	0	0	0	0
white grunt	J	1	0	0	1	0	0
white grunt	L	0	0	0	0	0	0
white grunt	S	0	0	0	0	0	0
pigfish	A	1	0	1	0	0	1
pigfish	E	0	0	0	0	0	0
pigfish	J	1	0	0	0	0	0

Species	Life Stage	Live Bottom	Pebble - Gravel	Rocky Outcrop	Shell	Coral	Artificial Reef
pigfish	L	0	0	0	0	0	0
pigfish	S	0	0	0	0	0	0
sheepshead	A	1	1	1	0	0	1
sheepshead	E	0	0	0	0	0	0
sheepshead	J	1	1	1	0	0	1
sheepshead	L	0	0	0	0	0	0
sheepshead	S	0	0	0	0	0	0
pinfish	E	0	0	0	0	0	0
pinfish	L	0	0	0	0	0	0
pinfish	J	1	0	0	1	0	0
pinfish	A	0	0	0	0	0	0
pinfish	S	0	0	0	0	0	0
silver perch	A	0	0	0	0	0	0
silver perch	E	0	0	0	0	0	0
silver perch	L	0	0	0	0	0	0
silver perch	S	0	0	0	0	0	0
silver perch	J	0	0	0	0	0	0
spotted seatrout	A	0	0	0	1	0	1
spotted seatrout	E	0	0	0	0	0	0
spotted seatrout	J	0	0	0	1	0	0
spotted seatrout	L	0	0	0	0	0	0
spotted seatrout	S	0	0	0	0	0	0
weakfish	E	0	0	0	0	0	0
weakfish	S	0	0	1	0	0	0
weakfish	J	0	0	0	0	0	0
weakfish	L	0	0	0	0	0	0
weakfish	A	0	0	0	0	0	0
spot	A	0	0	0	1	0	0
spot	E	0	0	0	0	0	0
spot	J	0	0	0	0	0	0
spot	L	0	0	0	0	0	0
spot	S	0	0	0	0	0	0
Atlantic croaker	A	0	0	0	1	0	0
Atlantic croaker	E	0	0	0	0	0	0
Atlantic croaker	L	0	0	0	0	0	0
Atlantic croaker	J	0	0	0	0	0	0
Atlantic croaker	S	0	0	0	0	0	0
black drum	A	1	1	1	1	0	1
black drum	S	0	0	0	0	0	0
black drum	J	0	0	0	1	0	0
black drum	L	0	0	0	0	0	0
black drum	E	0	0	0	0	0	0
red drum	A	1	0	1	1	0	1
red drum	E	0	0	0	0	0	0
red drum	J	0	0	0	1	0	1
red drum	L	0	0	0	0	0	0
red drum	S	0	0	0	0	0	0
striped mullet	A	0	0	0	1	0	0
striped mullet	E	0	0	0	0	0	0
striped mullet	J	0	0	0	1	0	0
striped mullet	L	0	0	0	0	0	0
striped mullet	S	0	0	0	0	0	0
white mullet	L	0	0	0	0	0	0
white mullet	E	0	0	0	0	0	0
white mullet	S	0	0	0	0	0	0
white mullet	J	1	1	0	1	1	0

Species	Life Stage	Live Bottom	Pebble - Gravel	Rocky Outcrop	Shell	Coral	Artificial Reef
white mullet	A	1	1	0	1	0	0
great barracuda	A	1	0	0	0	1	0
great barracuda	E	0	0	0	0	0	0
great barracuda	J	0	0	0	0	0	0
great barracuda	L	0	0	0	0	0	0
great barracuda	S	0	0	0	0	0	0
darter goby	E	0	0	0	0	0	0
darter goby	J	0	0	0	0	0	0
darter goby	L	0	0	0	0	0	0
darter goby	A	0	0	0	0	0	0
darter goby	S	0	0	0	0	0	0
naked goby	L	1	0	0	1	0	0
naked goby	E	1	0	0	1	0	0
naked goby	S	1	0	0	1	0	0
naked goby	J	1	0	0	1	0	0
naked goby	A	1	0	0	1	0	0
code goby	A	0	1	0	1	0	0
code goby	E	0	0	0	0	0	0
code goby	J	0	1	0	1	0	0
code goby	L	0	0	0	0	0	0
code goby	S	0	0	0	0	0	0
clown goby	L	0	0	0	0	0	0
clown goby	E	0	0	0	0	0	0
clown goby	S	0	0	0	0	0	0
clown goby	J	0	0	0	0	0	0
clown goby	A	0	0	0	0	0	0
Atlantic cutlassfish	J	0	0	0	0	0	0
Atlantic cutlassfish	L	0	0	0	0	0	0
Atlantic cutlassfish	E	0	0	0	0	0	0
Atlantic cutlassfish	A	0	0	0	0	0	0
Atlantic cutlassfish	S	0	0	0	0	0	0
bay whiff	E	0	0	0	0	0	0
bay whiff	S	0	0	0	0	0	0
bay whiff	J	0	0	0	0	0	0
bay whiff	L	0	0	0	0	0	0
bay whiff	A	0	0	0	0	0	0
summer flounder	L	0	0	0	0	0	0
summer flounder	E	0	0	0	0	0	0
summer flounder	S	0	0	0	0	0	0
summer flounder	J	0	0	0	0	0	0
summer flounder	A	0	0	0	0	0	0
lined sole	E	0	0	0	0	0	0
lined sole	J	0	0	0	0	0	0
lined sole	L	0	0	0	0	0	0
lined sole	A	0	0	0	0	0	0
lined sole	S	0	0	0	0	0	0

Indian River Lagoon

Soft Bottom

Species	Life Stage	Mud/Silt/Clay	Quartzitic Sand	Calcareous Sand
bull shark	A	0	0	0
bull shark	J	0	0	0
bull shark	L	2	2	2
bull shark	M	0	0	0
bull shark	P	0	0	0
ladyfish	A	0	1	0
ladyfish	E	0	0	0
ladyfish	J	0	0	0
ladyfish	L	0	0	0
ladyfish	S	0	0	0
tarpon	A	1	1	1
tarpon	E	0	0	0
tarpon	J	1	1	0
tarpon	L	0	0	0
tarpon	S	0	0	0
Alabama shad	E	0	0	0
Alabama shad	L	0	0	0
Alabama shad	S	0	0	0
Alabama shad	A	0	0	0
yellowfin menhaden	A	0	0	0
yellowfin menhaden	E	0	0	0
yellowfin menhaden	L	0	0	0
yellowfin menhaden	J	0	0	0
yellowfin menhaden	S	0	0	0
Atlantic menhaden	J	0	0	0
Atlantic menhaden	L	0	0	0
Atlantic menhaden	E	0	0	0
Atlantic menhaden	A	0	0	0
Atlantic menhaden	S	0	0	0
scaled sardine	A	0	1	0
scaled sardine	E	0	0	0
scaled sardine	J	0	1	0
scaled sardine	L	0	0	0
scaled sardine	S	0	0	0
Atlantic thread herring	E	0	0	0
Atlantic thread herring	L	0	0	0
Atlantic thread herring	J	0	0	0
Atlantic thread herring	A	0	1	0
Atlantic thread herring	S	0	0	0
Spanish sardine	E	0	0	0
Spanish sardine	J	0	0	0
Spanish sardine	L	0	0	0
Spanish sardine	A	0	0	0
Spanish sardine	S	0	0	0
bay anchovy	A	1	1	0
bay anchovy	E	0	0	0
bay anchovy	J	1	1	0
bay anchovy	L	0	0	0
bay anchovy	S	0	0	0
hardhead catfish	A	1	1	1
hardhead catfish	E	0	0	0
hardhead catfish	J	1	1	0

Species	Life Stage	Mud/Silt/Clay	Quartzitic Sand	Calcareous Sand
hardhead catfish	L	0	0	0
hardhead catfish	S	0	0	0
gafftopsail catfish	A	1	1	0
gafftopsail catfish	E	0	0	0
gafftopsail catfish	J	0	0	0
gafftopsail catfish	L	0	0	0
gafftopsail catfish	S	0	0	0
silverstripe halfbeak	A	0	0	0
silverstripe halfbeak	S	0	0	0
silverstripe halfbeak	J	0	0	0
silverstripe halfbeak	L	0	0	0
silverstripe halfbeak	E	0	0	0
sheepshead minnow	A	1	1	0
sheepshead minnow	L	1	1	0
sheepshead minnow	E	1	1	0
sheepshead minnow	J	1	1	0
sheepshead minnow	S	1	1	0
goldspotted killifish	L	0	0	1
goldspotted killifish	E	0	0	1
goldspotted killifish	S	0	0	1
goldspotted killifish	J	0	0	1
goldspotted killifish	A	0	0	1
marsh killifish	A	1	1	1
marsh killifish	S	1	1	1
marsh killifish	J	1	1	1
marsh killifish	L	1	1	1
marsh killifish	E	1	1	1
Gulf killifish	A	1	1	1
Gulf killifish	S	0	0	0
Gulf killifish	J	1	1	1
Gulf killifish	L	1	1	1
Gulf killifish	E	0	0	0
rainwater killifish	L	0	0	0
rainwater killifish	E	0	0	0
rainwater killifish	S	0	0	0
rainwater killifish	J	0	0	0
rainwater killifish	A	0	0	0
sailfin molly	L	2	2	2
sailfin molly	L	2	2	2
Atlantic silversides	A	0	1	0
Atlantic silversides	E	0	1	0
Atlantic silversides	J	1	1	0
Atlantic silversides	L	0	0	0
Atlantic silversides	S	1	1	0
Gulf pipefish	E	0	0	0
Gulf pipefish	J	0	0	0
Gulf pipefish	L	0	0	0
Gulf pipefish	A	0	0	0
Gulf pipefish	S	0	0	0
snook	A	1	1	0
snook	E	0	0	0
snook	J	1	1	0
snook	L	0	0	0
snook	S	0	0	0
jewfish	A	1	1	1
jewfish	S	0	0	0

Species	Life Stage	Mud/Silt/Clay	Quartzitic Sand	Calcareous Sand
jewfish	J	1	1	1
jewfish	L	0	0	0
jewfish	E	0	0	0
red grouper	A	1	1	1
red grouper	S	0	0	0
red grouper	J	0	0	0
red grouper	L	0	0	0
red grouper	E	0	0	0
gag	A	0	0	0
gag	E	0	0	0
gag	J	0	0	0
gag	L	0	0	0
gag	S	0	0	0
crevalle jack	A	0	0	0
crevalle jack	E	0	0	0
crevalle jack	J	0	0	0
crevalle jack	L	0	0	0
crevalle jack	S	0	0	0
Florida pompano	A	1	1	0
Florida pompano	E	0	0	0
Florida pompano	J	0	1	0
Florida pompano	L	0	0	0
Florida pompano	S	0	0	0
permit	A	0	1	0
permit	S	0	0	0
permit	E	0	0	0
permit	J	0	1	0
permit	L	0	0	0
mutton snapper	A	0	0	0
mutton snapper	S	0	0	0
mutton snapper	J	0	0	0
mutton snapper	L	0	0	0
mutton snapper	E	0	0	0
gray snapper	A	0	1	0
gray snapper	E	0	0	0
gray snapper	J	0	1	0
gray snapper	L	0	0	0
gray snapper	S	0	0	0
lane snapper	A	1	1	1
lane snapper	S	0	0	0
lane snapper	J	0	0	0
lane snapper	L	0	0	0
lane snapper	E	0	0	0
striped mojarra	A	1	0	0
striped mojarra	E	0	0	0
striped mojarra	J	1	0	0
striped mojarra	S	0	0	0
striped mojarra	L	0	0	0
white grunt	A	0	0	0
white grunt	E	0	0	0
white grunt	J	0	0	0
white grunt	L	0	0	0
white grunt	S	0	0	0
pigfish	A	1	1	0
pigfish	E	0	0	0
pigfish	J	0	1	0

Species	Life Stage	Mud/Silt/Clay	Quartzitic Sand	Calcareous Sand
pigfish	L	0	0	0
pigfish	S	0	1	0
sheepshead	A	1	0	0
sheepshead	E	0	0	0
sheepshead	J	1	0	0
sheepshead	L	0	0	0
sheepshead	S	0	0	0
pinfish	E	0	0	0
pinfish	L	0	0	0
pinfish	J	1	1	0
pinfish	A	1	1	0
pinfish	S	0	0	0
silver perch	A	1	1	0
silver perch	E	0	0	0
silver perch	L	0	0	0
silver perch	S	0	0	0
silver perch	J	1	1	0
spotted seatrout	A	1	1	0
spotted seatrout	E	0	0	0
spotted seatrout	J	1	0	0
spotted seatrout	L	0	0	0
spotted seatrout	S	0	0	0
weakfish	E	0	0	0
weakfish	S	1	1	1
weakfish	J	0	1	1
weakfish	L	0	0	0
weakfish	A	1	1	1
spot	A	1	1	0
spot	E	0	0	0
spot	J	1	0	0
spot	L	0	0	0
spot	S	0	0	0
Atlantic croaker	A	1	0	0
Atlantic croaker	E	0	0	0
Atlantic croaker	L	0	0	0
Atlantic croaker	J	1	0	0
Atlantic croaker	S	0	0	0
black drum	A	1	1	0
black drum	S	0	0	0
black drum	J	1	1	0
black drum	L	0	0	0
black drum	E	0	0	0
red drum	A	1	0	0
red drum	E	0	0	0
red drum	J	1	0	0
red drum	L	0	0	0
red drum	S	0	0	0
striped mullet	A	1	1	0
striped mullet	E	0	0	0
striped mullet	J	1	1	0
striped mullet	L	0	0	0
striped mullet	S	0	0	0
white mullet	L	0	0	0
white mullet	E	0	0	0
white mullet	S	0	0	0
white mullet	J	1	1	1

Species	Life Stage	Mud/Silt/Clay	Quartzitic Sand	Calcareous Sand
white mullet	A	1	1	1
great barracuda	A	0	0	0
great barracuda	E	0	0	0
great barracuda	J	0	0	0
great barracuda	L	0	0	0
great barracuda	S	0	0	0
darter goby	E	0	0	0
darter goby	J	1	1	1
darter goby	L	0	0	0
darter goby	A	1	1	1
darter goby	S	0	0	0
naked goby	L	0	0	0
naked goby	E	0	0	0
naked goby	S	0	0	0
naked goby	J	0	0	0
naked goby	A	0	0	0
code goby	A	1	1	0
code goby	E	0	0	0
code goby	J	0	1	0
code goby	L	0	0	0
code goby	S	0	0	0
clown goby	L	0	0	0
clown goby	E	1	1	1
clown goby	S	1	1	1
clown goby	J	1	1	1
clown goby	A	1	1	1
Atlantic cutlassfish	J	0	0	0
Atlantic cutlassfish	L	0	0	0
Atlantic cutlassfish	E	0	0	0
Atlantic cutlassfish	A	1	1	1
Atlantic cutlassfish	S	0	0	0
bay whiff	E	0	0	0
bay whiff	S	1	1	1
bay whiff	J	1	1	1
bay whiff	L	0	0	0
bay whiff	A	1	1	1
summer flounder	L	1	1	1
summer flounder	E	0	0	0
summer flounder	S	0	0	0
summer flounder	J	1	1	1
summer flounder	A	1	1	1
lined sole	E	0	0	0
lined sole	J	1	1	1
lined sole	L	0	0	0
lined sole	A	1	1	1
lined sole	S	0	0	0

Indian River Lagoon

Vegetation

Species	Life Stage	Seagrass SAV	Macroalgal SAV	Marsh	Mangrove	Other Forests
bull shark	A	0	0	0	0	0
bull shark	J	0	0	0	0	0
bull shark	L	2	2	2	2	2
bull shark	M	0	0	0	0	0
bull shark	P	0	0	0	0	0
ladyfish	A	1	0	0	0	0
ladyfish	E	0	0	0	0	0
ladyfish	J	0	0	0	0	0
ladyfish	L	0	0	0	0	0
ladyfish	S	0	0	0	0	0
tarpon	A	1	0	1	1	0
tarpon	E	0	0	0	0	0
tarpon	J	0	0	1	1	0
tarpon	L	0	0	0	0	0
tarpon	S	0	0	0	0	0
Alabama shad	E	0	0	0	0	0
Alabama shad	L	0	0	0	0	0
Alabama shad	S	0	0	0	0	0
Alabama shad	A	0	0	0	0	0
yellowfin menhaden	A	0	1	0	0	0
yellowfin menhaden	E	0	0	0	0	0
yellowfin menhaden	L	0	0	0	0	0
yellowfin menhaden	J	0	1	0	0	0
yellowfin menhaden	S	0	0	0	0	0
Atlantic menhaden	J	0	0	0	0	0
Atlantic menhaden	L	0	0	0	0	0
Atlantic menhaden	E	0	0	0	0	0
Atlantic menhaden	A	0	0	0	0	0
Atlantic menhaden	S	0	0	0	0	0
scaled sardine	A	0	0	0	0	0
scaled sardine	E	0	0	0	0	0
scaled sardine	J	0	0	0	0	0
scaled sardine	L	0	0	0	0	0
scaled sardine	S	0	0	0	0	0
Atlantic thread herring	E	0	0	0	0	0
Atlantic thread herring	L	0	0	0	0	0
Atlantic thread herring	J	1	1	0	0	0
Atlantic thread herring	A	1	1	0	0	0
Atlantic thread herring	S	0	0	0	0	0
Spanish sardine	E	0	0	0	0	0
Spanish sardine	J	1	0	0	0	0
Spanish sardine	L	0	0	0	0	0
Spanish sardine	A	0	0	0	0	0
Spanish sardine	S	0	0	0	0	0
bay anchovy	A	0	0	0	0	0
bay anchovy	E	0	0	0	0	0
bay anchovy	J	0	0	0	0	0
bay anchovy	L	0	0	0	0	0
bay anchovy	S	0	0	0	0	0

Species	Life Stage	Seagrass SAV	Macroalgal SAV	Marsh	Mangrove	Other Forests
hardhead catfish	A	0	0	0	0	0
hardhead catfish	E	0	0	0	0	0
hardhead catfish	J	0	0	0	0	0
hardhead catfish	L	0	0	0	0	0
hardhead catfish	S	0	0	0	0	0
gafftopsail catfish	A	0	0	0	0	0
gafftopsail catfish	E	0	0	0	0	0
gafftopsail catfish	J	0	0	0	0	0
gafftopsail catfish	L	0	0	0	0	0
gafftopsail catfish	S	0	0	0	0	0
silverstripe halfbeak	A	1	1	0	0	0
silverstripe halfbeak	S	1	1	0	0	0
silverstripe halfbeak	J	0	0	0	0	0
silverstripe halfbeak	L	0	0	0	0	0
silverstripe halfbeak	E	1	1	0	0	0
sheepshead minnow	A	0	1	1	1	0
sheepshead minnow	L	0	0	1	1	0
sheepshead minnow	E	0	0	1	1	0
sheepshead minnow	J	1	1	1	1	0
sheepshead minnow	S	0	0	1	1	0
goldspotted killifish	L	1	1	0	1	0
goldspotted killifish	E	1	1	0	1	0
goldspotted killifish	S	1	1	0	1	0
goldspotted killifish	J	1	1	0	1	0
goldspotted killifish	A	1	1	0	1	0
marsh killifish	A	1	1	1	1	0
marsh killifish	S	0	0	1	0	0
marsh killifish	J	1	1	1	0	0
marsh killifish	L	1	1	1	0	0
marsh killifish	E	1	1	1	0	0
Gulf killifish	A	1	1	1	0	0
Gulf killifish	S	1	1	0	0	0
Gulf killifish	J	1	1	1	0	0
Gulf killifish	L	1	1	1	0	0
Gulf killifish	E	1	1	0	0	0
rainwater killifish	L	1	1	1	1	0
rainwater killifish	E	1	1	1	1	0
rainwater killifish	S	1	1	1	1	0
rainwater killifish	J	1	1	1	1	0
rainwater killifish	A	1	1	1	1	0
sailfin molly	L	2	2	2	2	2
sailfin molly	L	2	2	2	2	2
Atlantic silversides	A	1	0	1	1	0
Atlantic silversides	E	1	0	0	0	0
Atlantic silversides	J	1	0	1	1	0
Atlantic silversides	L	0	0	0	0	0
Atlantic silversides	S	1	0	1	1	0
Gulf pipefish	E	1	1	0	0	0
Gulf pipefish	J	1	1	0	0	0
Gulf pipefish	L	1	1	0	0	0
Gulf pipefish	A	1	1	0	0	0
Gulf pipefish	S	1	1	0	0	0

Species	Life Stage	Seagrass SAV	Macroalgal SAV	Marsh	Mangrove	Other Forests
snook	A	1	0	0	1	0
snook	E	0	0	0	0	0
snook	J	1	1	1	1	0
snook	L	0	0	0	0	0
snook	S	0	0	0	0	0
jewfish	A	0	0	0	0	0
jewfish	S	0	0	0	0	0
jewfish	J	1	0	1	0	0
jewfish	L	0	0	0	0	0
jewfish	E	0	0	0	0	0
red grouper	A	0	0	0	0	0
red grouper	S	0	0	0	0	0
red grouper	J	1	1	0	0	0
red grouper	L	0	0	0	0	0
red grouper	E	0	0	0	0	0
gag	A	0	0	0	0	0
gag	E	0	0	0	0	0
gag	J	1	0	0	1	0
gag	L	0	0	0	0	0
gag	S	0	0	0	0	0
crevalle jack	A	0	0	0	0	0
crevalle jack	E	0	0	0	0	0
crevalle jack	J	0	0	0	0	0
crevalle jack	L	0	0	0	0	0
crevalle jack	S	0	0	0	0	0
Florida pompano	A	0	0	0	0	0
Florida pompano	E	0	0	0	0	0
Florida pompano	J	0	0	0	0	0
Florida pompano	L	0	0	0	0	0
Florida pompano	S	0	0	0	0	0
permit	A	1	0	0	0	0
permit	S	0	0	0	0	0
permit	E	0	0	0	0	0
permit	J	1	0	0	0	0
permit	L	0	0	0	0	0
mutton snapper	A	0	0	0	0	0
mutton snapper	S	0	0	0	0	0
mutton snapper	J	1	1	0	1	0
mutton snapper	L	0	0	0	0	0
mutton snapper	E	0	0	0	0	0
gray snapper	A	1	0	0	1	0
gray snapper	E	0	0	0	0	0
gray snapper	J	1	0	0	1	0
gray snapper	L	0	0	0	0	0
gray snapper	S	0	0	0	0	0
lane snapper	A	1	1	0	1	0
lane snapper	S	0	0	0	0	0
lane snapper	J	1	1	0	0	0
lane snapper	L	0	0	0	0	0
lane snapper	E	0	0	0	0	0
striped mojarra	A	0	0	0	0	0
striped mojarra	E	0	0	0	0	0

Species	Life Stage	Seagrass SAV	Macroalgal SAV	Marsh	Mangrove	Other Forests
striped mojarra	J	0	0	1	1	0
striped mojarra	S	0	0	0	0	0
striped mojarra	L	0	0	0	0	0
white grunt	A	1	0	0	1	0
white grunt	E	0	0	0	0	0
white grunt	J	1	0	0	1	0
white grunt	L	0	0	0	0	0
white grunt	S	0	0	0	0	0
pigfish	A	1	1	0	0	0
pigfish	E	0	0	0	0	0
pigfish	J	1	1	0	0	0
pigfish	L	0	0	0	0	0
pigfish	S	1	0	0	0	0
sheepshead	A	0	0	1	1	0
sheepshead	E	0	0	0	0	0
sheepshead	J	1	1	0	1	0
sheepshead	L	0	0	0	0	0
sheepshead	S	0	0	0	0	0
pinfish	E	0	0	0	0	0
pinfish	L	0	0	0	0	0
pinfish	J	1	1	1	0	0
pinfish	A	1	1	0	0	0
pinfish	S	0	0	0	0	0
silver perch	A	1	0	0	0	0
silver perch	E	0	0	0	0	0
silver perch	L	0	0	0	0	0
silver perch	S	0	0	0	0	0
silver perch	J	1	1	0	0	0
spotted seatrout	A	1	1	0	0	0
spotted seatrout	E	0	0	0	0	0
spotted seatrout	J	1	1	0	0	0
spotted seatrout	L	0	0	0	0	0
spotted seatrout	S	0	0	0	0	0
weakfish	E	0	0	0	0	0
weakfish	S	0	0	0	0	0
weakfish	J	1	1	0	0	0
weakfish	L	0	0	0	0	0
weakfish	A	0	0	0	0	0
spot	A	1	0	1	0	0
spot	E	0	0	0	0	0
spot	J	1	1	1	0	0
spot	L	0	0	0	0	0
spot	S	0	0	0	0	0
Atlantic croaker	A	0	0	0	0	0
Atlantic croaker	E	0	0	0	0	0
Atlantic croaker	L	0	0	0	0	0
Atlantic croaker	J	0	0	0	0	0
Atlantic croaker	S	0	0	0	0	0
black drum	A	0	0	0	0	0
black drum	S	0	0	0	0	0
black drum	J	0	0	1	0	0
black drum	L	0	0	0	0	0

Species	Life Stage	Seagrass SAV	Macroalgal SAV	Marsh	Mangrove	Other Forests
black drum	E	0	0	0	0	0
red drum	A	1	0	0	1	0
red drum	E	0	0	0	0	0
red drum	J	1	0	0	1	0
red drum	L	0	0	0	0	0
red drum	S	0	0	0	0	0
striped mullet	A	1	1	1	1	0
striped mullet	E	0	0	0	0	0
striped mullet	J	1	1	1	1	0
striped mullet	L	0	0	0	0	0
striped mullet	S	0	0	0	0	0
white mullet	L	0	0	0	0	0
white mullet	E	0	0	0	0	0
white mullet	S	0	0	0	0	0
white mullet	J	1	1	1	1	0
white mullet	A	1	1	1	1	0
great barracuda	A	1	0	0	0	0
great barracuda	E	0	0	0	0	0
great barracuda	J	1	0	0	0	0
great barracuda	L	0	0	0	0	0
great barracuda	S	0	0	0	0	0
darther goby	E	0	0	0	0	0
darther goby	J	1	1	0	0	0
darther goby	L	0	0	0	0	0
darther goby	A	1	1	0	0	0
darther goby	S	0	0	0	0	0
naked goby	L	0	0	0	0	0
naked goby	E	0	0	0	0	0
naked goby	S	0	0	0	0	0
naked goby	J	0	0	0	0	0
naked goby	A	0	0	0	0	0
code goby	A	1	1	0	1	0
code goby	E	0	0	0	0	0
code goby	J	1	1	0	0	0
code goby	L	0	0	0	0	0
code goby	S	0	0	0	0	0
clown goby	L	0	0	0	0	0
clown goby	E	1	1	1	1	0
clown goby	S	1	1	0	1	0
clown goby	J	1	1	1	1	0
clown goby	A	1	1	1	1	0
Atlantic cutlassfish	J	0	0	0	0	0
Atlantic cutlassfish	L	0	0	0	0	0
Atlantic cutlassfish	E	0	0	0	0	0
Atlantic cutlassfish	A	0	0	0	0	0
Atlantic cutlassfish	S	0	0	0	0	0
bay whiff	E	0	0	0	0	0
bay whiff	S	0	0	0	0	0
bay whiff	J	0	0	0	0	0
bay whiff	L	0	0	0	0	0
bay whiff	A	0	0	0	0	0
summer flounder	L	0	0	1	0	0

Species	Life Stage	Seagrass SAV	Macroalgal SAV	Marsh	Mangrove	Other Forests
summer flounder	E	0	0	0	0	0
summer flounder	S	0	0	0	0	0
summer flounder	J	0	0	1	0	0
summer flounder	A	0	0	0	0	0
lined sole	E	0	0	0	0	0
lined sole	J	0	0	0	0	0
lined sole	L	0	0	0	0	0
lined sole	A	0	0	0	0	0
lined sole	S	0	0	0	0	0