

Gag

Apalachee Bay

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Apalachicola Bay

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
■	Observed	5	Highly abundant

Gag

Aransas Bay

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Barataria Bay

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
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Gag

Brazos River

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Breton/Chandeleur Sounds

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

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•	Zone not Observed	3	Common
	Not Observed	4	Abundant
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		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Charlotte Harbor

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Choctawhatchee Bay

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Corpus Christi Bay

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Florida Bay

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Galveston Bay

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Matagorda Bay

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Mississippi River

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
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Mississippi Sound

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
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15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
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	SPAWNERS												
>25 ppt.	ADULTS												
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	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Mobile Bay

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Pensacola Bay

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Perdido Bay

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Sabine Lake

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
■	Observed	5	Highly abundant

Gag

St. Andrew Bay

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Suwanee River

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
■	Observed	5	Highly abundant

Gag

Tampa Bay

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
■	Observed	5	Highly abundant

Gag

Ten Thousand Islands

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

Gag

Terrebonne/Timbalier Bays

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
0.5-5 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
5-15 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
15-25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
	Observed	5	Highly abundant

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
0.5-5 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
5-15 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
15-25 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
■	Observed	5	Highly abundant

SALINITY ZONE	LIFE STAGE	Relative abundance by month											
		J	F	M	A	M	J	J	A	S	O	N	D
0-0.5 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
0.5-5 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
5-15 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
15-25 ppt.	ADULTS	•	•	•	•	•	•	•	•	•	•	•	•
	EGGS	•	•	•	•	•	•	•	•	•	•	•	•
	JUVENILES	•	•	•	•	•	•	•	•	•	•	•	•
	LARVAE	•	•	•	•	•	•	•	•	•	•	•	•
	SPAWNERS	•	•	•	•	•	•	•	•	•	•	•	•
>25 ppt.	ADULTS												
	EGGS												
	JUVENILES												
	LARVAE												
	SPAWNERS												

*Legend: Relative Abundance*

NI	No information	2	Rare
•	Zone not Observed	3	Common
	Not Observed	4	Abundant
■	Observed	5	Highly abundant