

# Fishes of the Canadian River Basin (01)

Species list was compiled by the TPWD - River Studies Program Personnel using Hubbs *et al.* (1991) and Lee *et al.* (1980). Feeding groups and tolerance ratings are from Linam and Kleinsasser (1998). Feeding group designations are: IF - invertivore, P - piscivore, O - omnivore, and H - herbivore. Tolerance designations are: T - tolerant, I - intolerant. Species without a tolerance designation are considered intermediate.



Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Clupeidae</b>				<b>Family Ictaluridae</b>			
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	black bullhead	<i>Ameiurus melas</i>	O	T
threadfin shad	<i>Dorosoma petenense</i>	O		blue catfish	<i>Ictalurus furcatus</i>	P	
<b>Family Cyprinidae</b>				channel catfish	<i>Ictalurus punctatus</i>	O	T
central stoneroller	<i>Campostoma anomalum</i>	H		flathead catfish	<i>Pylodictis olivaris</i>	P	
grass carp	<i>Ctenopharyngodon idella</i>	H	T	<b>Family Cyprinodontidae</b>			
red shiner	<i>Cyprinella lutrensis</i>	IF	T	Red River pupfish	<i>Cyprinodon rubrofluviatilis</i>	O	T
common carp	<i>Cyprinus carpio</i>	O	T	plains killifish	<i>Fundulus zebrinus</i>	IF	T
plains minnow	<i>Hybognathus placitus</i>	O	T	<b>Family Poeciliidae</b>			
speckled chub	<i>Macrhybopsis aestivalis</i>	IF		western mosquitofish	<i>Gambusia affinis</i>	IF	T
golden shiner	<i>Notemigonus crysoleucas</i>	IF	T	<b>Family Percichthyidae</b>			
emerald shiner	<i>Notropis atherinoides</i>	IF		white bass	<i>Morone chrysops</i>	P	
Arkansas River shiner	<i>Notropis girardi</i>	IF		<b>Family Centrarchidae</b>			
sand shiner	<i>Notropis stramineus</i>	IF		green sunfish	<i>Lepomis cyanellus</i>	P	T
suckermouth minnow	<i>Phenacobius mirabilis</i>	IF		bluegill	<i>Lepomis macrochirus</i>	IF	T
fathead minnow	<i>Pimephales promelas</i>	O	T	longear sunfish	<i>Lepomis megalotis</i>	IF	
bullhead minnow	<i>Pimephales vigilax</i>	IF		redeer sunfish	<i>Lepomis microlophus</i>	IF	
flathead chub	<i>Platygobio gracilis</i>	IF		smallmouth bass	<i>Micropterus dolomieu</i>	P	I
<b>Family Catostomidae</b>				largemouth bass	<i>Micropterus salmoides</i>	P	
river carpsucker	<i>Carpoides carpio</i>	O	T	white crappie	<i>Pomoxis annularis</i>	P	
				<b>Family Percidae</b>			
				yellow perch	<i>Perca flavescens</i>	P	
				walleye	<i>Stizostedion vitreum</i>	P	

# Fishes of the Red River Basin (02)

Species list was compiled by the TPWD - River Studies Program Personnel using Hubbs *et al.* (1991) and Lee *et al.* (1980). Feeding groups and tolerance ratings are from Linam and Kleinsasser (1998). Feeding group designations are: IF - invertivore, P - piscivore, O - omnivore, and H - herbivore. Tolerance designations are: T - tolerant, I - intolerant. Species without a tolerance designation are considered intermediate.



Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Petromyzontidae</b>				<b>Family Cyprinidae (cont)</b>			
chestnut lamprey	<i>Ichthyomyzon castaneus</i>	P	I	Ribbon shiner	<i>Lythrurus fumeus</i>	IF	
southern brook lamprey	<i>Ichthyomyzon gagei</i>	NONE	I	Redfin shiner	<i>Lythrurus umbratilis</i>	IF	
<b>Family Acipenseridae</b>				Speckled chub	<i>Macrohybopsis aestivalis</i>	IF	
shovelnose sturgeon	<i>Scaphirhynchus platyrhynchus</i>	IF		Silver chub	<i>Macrohybopsis storeriana</i>	IF	
<b>Family Polyodontidae</b>				Golden shiner	<i>Notemigonus crysoleucas</i>	IF	T
paddlefish	<i>Polyodon spathula</i>	O	I	Emerald shiner	<i>Notropis atherinoides</i>	IF	
<b>Family Lepisosteidae</b>				Blackspot shiner	<i>Notropis atrocaudalis</i>	IF	
spotted gar	<i>Lepisosteus oculatus</i>	P	T	Red River shiner	<i>Notropis bairdi</i>	IF	
longnose gar	<i>Lepisosteus osseus</i>	P	T	River shiner	<i>Notropis blennioides</i>	IF	
shortnose gar	<i>Lepisosteus platostomus</i>	P	T	Ghost shiner	<i>Notropis buchanaui</i>	IF	
alligator gar	<i>Lepisosteus spatula</i>	P	T	Ironcolor shiner	<i>Notropis chalybaeus</i>	IF	I
<b>Family Amiidae</b>				Chub shiner	<i>Notropis potteri</i>	IF	
bowfin	<i>Amia calva</i>	P	T	Silverband shiner	<i>Notropis shumardi</i>	IF	
<b>Family Hiodontidae</b>				Sand shiner	<i>Notropis stramineus</i>	IF	
goldeye	<i>Hiodon alosoides</i>	IF		Weed shiner	<i>Notropis texanus</i>	IF	
<b>Family Anguillidae</b>				Mimic shiner	<i>Notropis volucellus</i>	IF	T
American eel	<i>Anguilla rostrata</i>	P		Suckermouth minnow	<i>Phenacobius mirabilis</i>	IF	
<b>Family Clupeidae</b>				Fathead minnow	<i>Pimephalas promelas</i>	O	T
skipjack herring	<i>Alosa chrysochloris</i>	P		Bullhead minnow	<i>Pimephales vigilax</i>	IF	
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	Rudd	<i>Scardinius erythrophthalmus</i>	O	T
threadfin shad	<i>Dorosoma petenense</i>	O		Creek chub	<i>Semotilus atromaculatus</i>	P	
<b>Family Cyprinidae</b>				<b>Family Catostomidae</b>			
central stoneroller	<i>Campostoma anomalum</i>	H		River carpsucker	<i>Carpionodes carpio</i>	O	T
goldfish	<i>Carassius auratus</i>	O	T	Blue sucker	<i>Cycleptus elongatus</i>	IF	I
grass carp	<i>Ctenopharyngodon idella</i>	H	T	Creek chubsucker	<i>Erimyzon oblongus</i>	O	
red shiner	<i>Cyprinella lutrensis</i>	IF	T	Lake chubsucker	<i>Erimyzon sucetta</i>	O	
blacktail shiner	<i>Cyprinella venusta</i>	IF		Smallmouth buffalo	<i>Ictiobus bubalus</i>	O	
common carp	<i>Cyprinus carpio</i>	O	T	Bigmouth buffalo	<i>Ictiobus cyprinellus</i>	IF	T
Mississippi silvery minnow	<i>Hybognathus nuchalis</i>	O	T	Black buffalo	<i>Ictiobus niger</i>	O	
plains minnow	<i>Hybognathus placitus</i>	O	T	Spotted sucker	<i>Minytrema melanops</i>	IF	
striped shiner	<i>Luxilus chrysocephalus</i>	IF		Golden redbreast	<i>Moxostoma erythrurum</i>	IF	

### Fishes of the Red River Basin (continued)

Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Characidae</b>				<b>Family Centrarchidae (cont)</b>			
Mexican tetra	<i>Astyanax mexicanus</i>	IF		bluegill	<i>Lepomis macrochirus</i>	IF	T
<b>Family Ictaluridae</b>				longear sunfish	<i>Lepomis megalotis</i>	IF	
black bullhead	<i>Ameiurus melas</i>	O	T	redeer sunfish	<i>Lepomis microlophus</i>	IF	
yellow bullhead	<i>Ameiurus natalis</i>	O		spotted sunfish	<i>Lepomis punctatus</i>	IF	
blue catfish	<i>Ictalurus furcatus</i>	P		bantam sunfish	<i>Lepomis symmetricus</i>	IF	
channel catfish	<i>Ictalurus punctatus</i>	O	T	spotted bass	<i>Micropterus punctulatus</i>	P	
tadpole madtom	<i>Noturus gyrinus</i>	IF	I	largemouth bass	<i>Micropterus salmoides</i>	P	
freckled madtom	<i>Noturus nocturnus</i>	IF	I	white crappie	<i>Pomoxis annularis</i>	P	
flathead catfish	<i>Pylodictis olivaris</i>	P		black crappie	<i>Pomoxis nigromaculatus</i>	P	
<b>Family Esocidae</b>				<b>Family Percidae</b>			
grass pickerel	<i>Esox americanus vermiculatus</i>	P		western sand darter	<i>Ammocrypta clara</i>	IF	
chain pickerel	<i>Esox niger</i>	P		mud darter	<i>Etheostoma asprigene</i>	IF	
<b>Family Aphredoderidae</b>				bluntnose darter	<i>Etheostoma chlorosomum</i>	IF	
pirate perch	<i>Aphredoderus sayanus</i>	IF		slough darter	<i>Etheostoma gracile</i>	IF	
<b>Family Cyprinodontidae</b>				goldstripe darter	<i>Etheostoma parvipinne</i>	IF	I
Red River pupfish	<i>Cyprinodon rubrofluviatilis</i>	O	T	cypress darter	<i>Etheostoma proeliare</i>	IF	I
starhead topminnow	<i>Fundulus dispar</i>	IF		orangebelly darter	<i>Etheostoma radiosum</i>	IF	I
blackstripe topminnow	<i>Fundulus notatus</i>	IF		orangethroat darter	<i>Etheostoma spectabile</i>	IF	
blackspotted minnow	<i>Fundulus olivaceus</i>	IF	I	yellow perch	<i>Perca flavescens</i>	P	
plains killifish	<i>Fundulus zebrinus</i>	IF	T	logperch	<i>Percina caprodes</i>	IF	I
<b>Family Poeciliidae</b>				Texas logperch	<i>Percina carbonaria</i>	IF	I
western mosquitofish	<i>Gambusia affinis</i>	IF	T	bigscale logperch	<i>Percina macrolepida</i>	IF	I
<b>Family Atherinidae</b>				blackside darter	<i>Percina maculata</i>	IF	I
brook silverside	<i>Labidesthes sicculus</i>	IF	I	dusky darter	<i>Percina sciera</i>	IF	I
inland silverside	<i>Menidia beryllina</i>	IF		river darter	<i>Percina shumardi</i>	IF	
<b>Family Percichthyidae</b>				walleye	<i>Stizostedion vitreum</i>	P	
white bass	<i>Morone chrysops</i>	P		<b>Family Sciaenidae</b>			
yellow bass	<i>Morone mississippiensis</i>	P		freshwater drum	<i>Aplodinotus grunniens</i>	IF	T
striped bass	<i>Morone saxatilis</i>	P		<b>Family Mugilidae</b>			
<b>Family Centrarchidae</b>				striped mullet	<i>Mugil cephalus</i>	O	
banded pygmy sunfish	<i>Elassoma zonatum</i>	IF					
redbreast sunfish	<i>Lepomis auritis</i>	IF					
green sunfish	<i>Lepomis cyanellus</i>	P	T				
warmouth	<i>Lepomis gulosus</i>	P	T				
orangespotted sunfish	<i>Lepomis humilis</i>	IF					

# Fishes of the Sulphur River Basin (03)

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Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Petromyzontidae</b>				<b>Family Catostomidae (cont)</b>			
chestnut lamprey	<i>Ichthyomyzon castaneus</i>	P	I	smallmouth buffalo	<i>Ictiobus bubalus</i>	O	
<b>Family Polyodontidae</b>				bigmouth buffalo	<i>Ictiobus cyprinellus</i>	IF	T
paddlefish	<i>Polyodon spathula</i>	O	I	black buffalo	<i>Ictiobus niger</i>	O	
<b>Family Lepisosteidae</b>				spotted sucker	<i>Minytrema melanops</i>	IF	
spotted gar	<i>Lepisosteus oculatus</i>	P	T	<b>Family Ictaluridae</b>			
longnose gar	<i>Lepisosteus osseus</i>	P	T	black bullhead	<i>Ameiurus melas</i>	O	T
<b>Family Amiidae</b>				yellow bullhead	<i>Ameiurus natalis</i>	O	
bowfin	<i>Amia calva</i>	P	T	blue catfish	<i>Ictalurus furcatus</i>	P	
<b>Family Clupeidae</b>				channel catfish	<i>Ictalurus punctatus</i>	O	T
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	tadpole madtom	<i>Noturus gyrinus</i>	IF	I
<b>Family Cyprinidae</b>				freckled madtom	<i>Noturus nocturnus</i>	IF	I
goldfish	<i>Carassius auratus</i>	O	T	flathead catfish	<i>Pylodictis olivaris</i>	P	
red shiner	<i>Cyprinella lutrensis</i>	IF	T	<b>Family Esocidae</b>			
common carp	<i>Cyprinus carpio</i>	O	T	grass pickerel	<i>Esox americanus vermiculatus</i>	P	
Mississippi silvery minnow	<i>Hybognathus nuchalis</i>	O	T	<b>Family Aphredoderidae</b>			
striped shiner	<i>Luxilus chrysocephalus</i>	IF		pirate perch	<i>Aphredoderus sayanus</i>	IF	
ribbon shiner	<i>Lythrurus fumeus</i>	IF		<b>Family Cyprinodontidae</b>			
blackspot shiner	<i>Notropis atrocaudalis</i>	IF		blackstripe topminnow	<i>Fundulus notatus</i>	IF	
ghost shiner	<i>Notropis buchanaui</i>	IF		blackspotted topminnow	<i>Fundulus olivaceus</i>	IF	I
tailight shiner	<i>Notropis maculatus</i>	IF		<b>Family Poeciliidae</b>			
mimic shiner	<i>Notropis volucellus</i>	IF	I	western mosquitofish	<i>Gambusia affinis</i>	IF	T
pugnose minnow	<i>Opsopoeodus emiliae</i>	IF		<b>Family Percichthyidae</b>			
suckermouth minnow	<i>Phenacobius mirabilis</i>	IF		white bass	<i>Morone chrysops</i>	P	
fathead minnow	<i>Pimephales promelas</i>	O	T	<b>Family Centrarchidae</b>			
bullhead minnow	<i>Pimephales vigilax</i>	IF		banded pygmy sunfish	<i>Elassoma zonatum</i>	IF	
creek chub	<i>Semotilus atromaculatus</i>	P		redbreast sunfish	<i>Lepomis auritus</i>	IF	
<b>Family Catostomidae</b>				green sunfish	<i>Lepomis cyanellus</i>	P	T
river carpsucker	<i>Carpionodes carpio</i>	O	T	warmouth	<i>Lepomis gulosus</i>	P	T
creek chubsucker	<i>Erimyzon oblongus</i>	O		orangespotted sunfish	<i>Lepomis humilis</i>	IF	
lake chubsucker	<i>Erimyzon sucetta</i>	O		bluegill	<i>Lepomis macrochirus</i>	IF	T

### Fishes of the Sulphur River Basin (continued)

Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Centrarchidae (cont)</b>			
dollar sunfish	<i>Lepomis marginatus</i>	IF	
longear sunfish	<i>Lepomis megalotis</i>	IF	
reдеar sunfish	<i>Lepomis microlophus</i>	IF	
spotted sunfish	<i>Lepomis punctatus</i>	IF	
bantam sunfish	<i>Lepomis symmetricus</i>	IF	
spotted bass	<i>Micropterus punctulatus</i>	P	
largemouth bass	<i>Micropterus salmoides</i>	P	
white crappie	<i>Pomoxis annularis</i>	P	
black crappie	<i>Pomoxis nigromaculatus</i>	P	
<b>Family Percidae</b>			
mud darter	<i>Etheostoma asprigene</i>	IF	
bluntnose darter	<i>Etheostoma chlorosomum</i>	IF	
slough darter	<i>Etheostoma gracile</i>	IF	
goldstripe darter	<i>Etheostoma parvipinne</i>	IF	I
cypress darter	<i>Etheostoma proeliare</i>	IF	I
orangethroat darter	<i>Etheostoma spectabile</i>	IF	
redfin darter	<i>Etheostoma whipplei</i>	IF	
dusky darter	<i>Percina sciera</i>	IF	I
river darter	<i>Percina shumardi</i>	IF	
<b>Family Sciaenidae</b>			
freshwater drum	<i>Aplodinotus grunniens</i>	IF	T

# Fishes of the Cypress River Basin (04)

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Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Petromyzontidae</b>				<b>Family Cyprinidae</b>			
chestnut lamprey	<i>Ichthyomyzon castaneus</i>	P	I	mimic shiner	<i>Notropis volucellus</i>	IF	I
<b>Family Polyodontidae</b>				pugnose minnow	<i>Opsopoeodus emiliae</i>	IF	
paddlefish	<i>Polyodon spathula</i>	O	I	bullhead minnow	<i>Pimephales vigilax</i>	IF	
<b>Family Lepisosteidae</b>				creek chub	<i>Semotilus atromaculatus</i>	P	
spotted Gar	<i>Lepisosteus oculatus</i>	P	T	<b>Family Catostomidae</b>			
longnose Gar	<i>Lepisosteus osseus</i>	P	T	creek chubsucker	<i>Erimyzon oblongus</i>	O	
shortnose Gar	<i>Lepisosteus platostomus</i>	P	T	black buffalo	<i>Ictiobus niger</i>	O	
<b>Family Amiidae</b>				spotted sucker	<i>Minytrema melanops</i>	IF	
bowfin	<i>Amia calva</i>	P	T	<b>Family Ictaluridae</b>			
<b>Family Anguillidae</b>				black bullhead	<i>Ameiurus melas</i>	O	T
American eel	<i>Anguilla rostrata</i>	P		yellow bullhead	<i>Ameiurus natalis</i>	O	
<b>Family Clupeidae</b>				blue catfish	<i>Ictalurus furcatus</i>	P	
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	channel catfish	<i>Ictalurus punctatus</i>	O	T
threadfin shad	<i>Dorosoma petenense</i>	O		tadpole madtom	<i>Noturus gyrinus</i>	IF	I
<b>Family Cyprinidae</b>				freckled madtom	<i>Noturus nocturnus</i>	IF	I
goldfish	<i>Carassius auratus</i>	O	T	flathead catfish	<i>Pylodictis olivaris</i>	P	
red shiner	<i>Cyprinella lutrensis</i>	IF	T	<b>Family Esocidae</b>			
blacktail shiner	<i>Cyprinella venusta</i>	IF		grass pickerel	<i>Esox americanus vermiculatus</i>	P	
common carp	<i>Cyprinus carpio</i>	O	T	<b>Family Aphredoderidae</b>			
cypress minnow	<i>Hybognathus hayi</i>	O		pirate perch	<i>Aphredoderus sayanus</i>	IF	
Mississippi silvery minnow	<i>Hybognathus nuchalis</i>	O	T	<b>Family Cyprinodontidae</b>			
striped shiner	<i>Luxilus chrysocephalus</i>	IF		starhead topminnow	<i>Fundulus dispar</i>	IF	
ribbon shiner	<i>Lythrurus fumeus</i>	IF		blackstripe topminnow	<i>Fundulus notatus</i>	IF	
redfin shiner	<i>Lythrurus umbratilis</i>	IF		blackspotted topminnow	<i>Fundulus olivaceus</i>	IF	I
golden shiner	<i>Notemigonus crysoleucas</i>	IF	T	<b>Family Poeciliidae</b>			
emerald shiner	<i>Notropis atherinoides</i>	IF		western mosquitofish	<i>Gambusia affinis</i>	IF	T
blackspot shiner	<i>Notropis atrocaudalis</i>	IF		<b>Family Atherinidae</b>			
ironcolor shiner	<i>Notropis chalybaeus</i>	IF	I	brook silverside	<i>Labidesthes sicculus</i>	IF	I
bluehead shiner	<i>Notropis hubbsi</i>	IF		inland silverside	<i>Menidia beryllina</i>	IF	
taillight shiner	<i>Notropis maculatus</i>	IF					
weed shiner	<i>Notropis texanus</i>	IF					

### Fishes of the Cypress River Basin (continued)

Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Percichthyidae</b>			
white bass	<i>Morone chrysops</i>	P	
yellow bass	<i>Morone mississippiensis</i>	P	
<b>Family Centrarchidae</b>			
flier	<i>Centrarchus macropterus</i>	IF	
banded pygmy sunfish	<i>Elassoma zonatum</i>	IF	
redbreast sunfish	<i>Lepomis auritus</i>	IF	
green sunfish	<i>Lepomis cyanellus</i>	P	T
warmouth	<i>Lepomis gulosus</i>	P	T
orangespotted sunfish	<i>Lepomis humilis</i>	IF	
bluegill	<i>Lepomis macrochirus</i>	IF	T
dollar sunfish	<i>Lepomis marginatus</i>	IF	
longear sunfish	<i>Lepomis megalotis</i>	IF	
redear sunfish	<i>Lepomis microlophus</i>	IF	
spotted sunfish	<i>Lepomis punctatus</i>	F	
bantam sunfish	<i>Lepomis symmetricus</i>	IF	
spotted bass	<i>Micropterus punctulatus</i>	P	
largemouth bass	<i>Micropterus salmoides</i>	P	
white crappie	<i>Pomoxis annularis</i>	P	
black crappie	<i>Pomoxis nigromaculatus</i>	P	
<b>Family Percidae</b>			
mud darter	<i>Etheostoma asprigene</i>	IF	
bluntnose darter	<i>Etheostoma chlorosomum</i>	IF	
swamp darter	<i>Etheostoma fusiforme</i>	IF	
slough darter	<i>Etheostoma gracile</i>	IF	
harlequin darter	<i>Etheostoma histrio</i>	IF	
goldstripe darter	<i>Etheostoma parvipinne</i>	IF	I
cypress darter	<i>Etheostoma proeliare</i>	IF	I
redfin darter	<i>Etheostoma whipplei</i>	IF	
bigscale logperch	<i>Percina macrolepida</i>	IF	I
dusky darter	<i>Percina sciera</i>	IF	I
<b>Family Sciaenidae</b>			
freshwater drum	<i>Aplodinotus grunniens</i>	IF	T

# Fishes of the Sabine River Basin (05)



Species list was compiled by the TPWD - River Studies Program Personnel using Hubbs *et al.* (1991) and Lee *et al.* (1980). Feeding groups and tolerance ratings are from Linam and Kleinsasser (1998). Feeding group designations are: IF - invertivore, P - piscivore, O - omnivore, and H - herbivore. Tolerance designations are: T - tolerant, I - intolerant. Species without a tolerance designation are considered intermediate.

Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Petromyzontidae</b>				<b>Family Cyprinidae (cont)</b>			
chestnut lamprey	<i>Ichthyomyzon castaneus</i>	P	I	ghost shiner	<i>Notropis buchanani</i>	IF	
southern brook lamprey	<i>Ichthyomyzon gagei</i>	NONE	I	ironcolor shiner	<i>Notropis chalybaeus</i>	IF	I
<b>Family Polyodontidae</b>				sabine shiner	<i>Notropis sabinae</i>	IF	
paddlefish	<i>Polyodon spathula</i>	O	I	weed shiner	<i>Notropis texanus</i>	IF	
<b>Family Lepisosteidae</b>				mimic shiner	<i>Notropis volucellus</i>	IF	I
spotted gar	<i>Lepisosteus oculatus</i>	P	T	pugnose minnow	<i>Opsopoeodus emiliae</i>	IF	
longnose gar	<i>Lepisosteus osseus</i>	P	T	suckermouth minnow	<i>Phenacobius mirabilis</i>	IF	
alligator gar	<i>Lepisosteus spatula</i>	P	T	bullhead minnow	<i>Pimephales vigilax</i>	IF	
<b>Family Amiidae</b>				creek chub	<i>Semotilus atromaculatus</i>	P	
bowfin	<i>Amia calva</i>	P	T	<b>Family Catostomidae</b>			
<b>Family Anguillidae</b>				river carpsucker	<i>Carpionodes carpio</i>	O	T
American eel	<i>Anguilla rostrata</i>	P		blue sucker	<i>Cycleptus elongatus</i>	IF	I
<b>Family Clupeidae</b>				creek chubsucker	<i>Erimyzon oblongus</i>	O	
skipjack herring	<i>Alosa chrysochloris</i>	P		lake chubsucker	<i>Erimyzon sucetta</i>	O	
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	smallmouth buffalo	<i>Ictiobus bubalus</i>	O	
threadfin shad	<i>Dorosoma petenense</i>	O		black buffalo	<i>Ictiobus niger</i>	O	
<b>Family Cyprinidae</b>				spotted sucker	<i>Minytrema melanops</i>	IF	
goldfish	<i>Carassius auratus</i>	O	T	blacktail redhorse	<i>Moxostoma poecilurum</i>	IF	
grass carp	<i>Ctenopharyngodon idella</i>	H	T	<b>Family Characidae</b>			
red shiner	<i>Cyprinella lutrensis</i>	IF	T	Mexican tetra	<i>Astyanax mexicanus</i>	IF	
blacktail shiner	<i>Cyprinella venusta</i>	IF		<b>Family Ictaluridae</b>			
common carp	<i>Cyprinus carpio</i>	O	T	black bullhead	<i>Ameiurus melas</i>	O	T
cypress minnow	<i>Hybognathus hayi</i>	O		yellow bullhead	<i>Ameiurus natalis</i>	O	
Mississippi silvery minnow	<i>Hybognathus nuchalis</i>	O	T	blue catfish	<i>Ictalurus furcatus</i>	P	
ribbon shiner	<i>Lythrurus fumeus</i>	IF		channel catfish	<i>Ictalurus punctatus</i>	O	T
redfin shiner	<i>Lythrurus umbratilis</i>	IF		tadpole madtom	<i>Noturus gyrinus</i>	IF	I
speckled chub	<i>Macrohybopsis aestivalis</i>	IF		freckled madtom	<i>Noturus nocturnus</i>	IF	I
golden shiner	<i>Notemigonus crysoleucas</i>	IF	T	flathead catfish	<i>Pylodictis olivaris</i>	P	
pallid shiner	<i>Notropis amnis</i>	IF		<b>Family Esocidae</b>			
emerald shiner	<i>Notropis atherinoides</i>	IF		grass pickerel	<i>Esox americanus vermiculatus</i>	P	
blackspot shiner	<i>Notropis atrocaudalis</i>	IF		chain pickerel	<i>Esox niger</i>	P	



### Fishes of the Sabine River Basin (continued)

Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Aphredoderidae</b>				<b>Family Centrarchidae (cont)</b>			
pirate perch	<i>Aphredoderus sayanus</i>	IF		largemouth bass	<i>Micropterus salmoides</i>	P	
<b>Family Cyprinodontidae</b>				white crappie	<i>Pomoxis annularis</i>	P	
sheepshead minnow	<i>Cyprinodon variegatus</i>	O	T	black crappie	<i>Pomoxis nigromaculatus</i>	P	
golden topminnow	<i>Fundulus chrysotus</i>	IF		<b>Family Percidae</b>			
starhead topminnow	<i>Fundulus dispar</i>	IF		western sand darter	<i>Ammocrypta clara</i>	IF	
blackstripe topminnow	<i>Fundulus notatus</i>	IF		scaly sand darter	<i>Ammocrypta vivax</i>	IF	
blackspotted minnow	<i>Fundulus olivaceus</i>	IF	I	mud darter	<i>Etheostoma asprigene</i>	IF	
bayou killifish	<i>Fundulus pulvereus</i>	IF		bluntnose darter	<i>Etheostoma chlorosomum</i>	IF	
<b>Family Poeciliidae</b>				slough darter	<i>Etheostoma gracile</i>	IF	
western mosquitofish	<i>Gambusia affinis</i>	IF	T	harlequin darter	<i>Etheostoma histrio</i>	IF	
least killifish	<i>Heterandria formosa</i>	IF		goldstripe darter	<i>Etheostoma parvipinne</i>	IF	I
sailfin molly	<i>Poecilia latipinna</i>	O	T	cypress darter	<i>Etheostoma proeliare</i>	IF	I
<b>Family Atherinidae</b>				redfin darter	<i>Etheostoma whipplei</i>	IF	
brook silverside	<i>Labidesthes sicculus</i>	IF	I	bigscale logperch	<i>Percina macrolepida</i>	IF	I
inland silverside	<i>Menidia beryllina</i>	IF		dusky darter	<i>Percina sciera</i>	IF	I
<b>Family Percichthyidae</b>				river darter	<i>Percina shumardi</i>	IF	
white bass	<i>Morone chrysops</i>	P		walleye	<i>Stizostedion vitreum</i>	P	
yellow bass	<i>Morone mississippiensis</i>	P		<b>Family Sciaenidae</b>			
striped bass	<i>Morone saxatilis</i>	P		freshwater drum	<i>Aplodinotus grunniens</i>	IF	T
<b>Family Centrarchidae</b>				<b>Family Mugilidae</b>			
flier	<i>Centrarchus macropterus</i>	IF		striped mullet	<i>Mugil cephalus</i>	O	
banded pygmy sunfish	<i>Elassoma zonatum</i>	IF					
redbreast sunfish	<i>Lepomis auritus</i>	IF					
green sunfish	<i>Lepomis cyanellus</i>	P	T				
warmouth	<i>Lepomis gulosus</i>	P	T				
orangespotted sunfish	<i>Lepomis humilis</i>	IF					
bluegill	<i>Lepomis macrochirus</i>	IF	T				
dollar sunfish	<i>Lepomis marginatus</i>	IF					
longear sunfish	<i>Lepomis megalotis</i>	IF					
redear sunfish	<i>Lepomis microlophus</i>	IF					
spotted sunfish	<i>Lepomis punctatus</i>	IF					
bantam sunfish	<i>Lepomis symmetricus</i>	IF					
spotted bass	<i>Micropterus punctulatus</i>	P					

# Fishes of the Neches River Basin (06)



Species list was compiled by the TPWD - River Studies Program Personnel using Hubbs *et al.* (1991) and Lee *et al.* (1980). Feeding groups and tolerance ratings are from Linam and Kleinsasser (1998). Feeding group designations are: IF - invertivore, P - piscivore, O - omnivore, and H - herbivore. Tolerance designations are: T - tolerant, I - intolerant. Species without a tolerance designation are considered intermediate.

Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Petromyzontidae</b>				<b>Family Cyprinidae (cont)</b>			
chestnut lamprey	<i>Ichthyomyzon castaneus</i>	P	I	silverband shiner	<i>Notropis shumardi</i>	IF	
southern brook lamprey	<i>Ichthyomyzon gagei</i>	NONE	I	weed shiner	<i>Notropis texanus</i>	IF	
<b>Family Polyodontidae</b>				mimic shiner	<i>Notropis volucellus</i>	IF	I
paddlefish	<i>Polyodon spathula</i>	O	I	pugnose minnow	<i>Opsopoeodus emiliae</i>	IF	
<b>Family Lepisosteidae</b>				suckermouth minnow	<i>Phenacobius mirabilis</i>	IF	
spotted gar	<i>Lepisosteus oculatus</i>	P	T	bullhead minnow	<i>Pimephales vigilax</i>	IF	
longnose gar	<i>Lepisosteus osseus</i>	P	T	creek chub	<i>Semotilus atromaculatus</i>	P	
alligator gar	<i>Lepisosteus spatula</i>	P	T	<b>Family Catostomidae</b>			
<b>Family Amiidae</b>				river carpsucker	<i>Carpionodes carpio</i>	O	T
bowfin	<i>Amia calva</i>	P	T	blue sucker	<i>Cycleptus elongatus</i>	IF	I
<b>Family Anguillidae</b>				creek chubsucker	<i>Erimyzon oblongus</i>	O	
American eel	<i>Anguilla rostrata</i>	P		lake chubsucker	<i>Erimyzon sucetta</i>	O	
<b>Family Clupeidae</b>				smallmouth buffalo	<i>Ictiobus bubalus</i>	O	
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	spotted sucker	<i>Minytrema melanops</i>	IF	
threadfin shad	<i>Dorosoma petenense</i>	O		blacktail redhorse	<i>Moxostoma poecilurum</i>	IF	
<b>Family Cyprinidae</b>				<b>Family Ictaluridae</b>			
goldfish	<i>Carassius auratus</i>	O	T	black bullhead	<i>Ameiurus melas</i>	O	T
red shiner	<i>Cyprinella lutrensis</i>	IF	T	yellow bullhead	<i>Ameiurus natalis</i>	O	
blacktail shiner	<i>Cyprinella venusta</i>	IF		blue catfish	<i>Ictalurus furcatus</i>	P	
common carp	<i>Cyprinus carpio</i>	O	T	channel catfish	<i>Ictalurus punctatus</i>	O	T
Mississippi silvery minnow	<i>Hybognathus nuchalis</i>	O	T	tadpole madtom	<i>Noturus gyrinus</i>	IF	I
ribbon shiner	<i>Lythrurus fumeus</i>	IF		freckled madtom	<i>Noturus nocturnus</i>	IF	I
redfin shiner	<i>Lythrurus umbratilis</i>	IF		flathead catfish	<i>Pylodictis olivaris</i>	P	
speckled chub	<i>Macrohybopsis aestivalis</i>	IF		<b>Family Esocidae</b>			
golden shiner	<i>Notemigonus crysoleucas</i>	IF	T	grass pickerel	<i>Esox americanus vermiculatus</i>	P	
pallid shiner	<i>Notropis amnis</i>	IF		<b>Family Aphredoderidae</b>			
emerald shiner	<i>Notropis atherinoides</i>	IF		pirate perch	<i>Aphredoderus sayanus</i>	IF	
blackspot shiner	<i>Notropis atrocaudalis</i>	IF		<b>Family Belontiidae</b>			
ghost shiner	<i>Notropis buchmanii</i>	IF		Atlantic needlefish	<i>Strongylura marina</i>	P	
ironcolor shiner	<i>Notropis chalybaeus</i>	IF	I	<b>Family Cyprinodontidae</b>			
sabine shiner	<i>Notropis sabiniae</i>	IF		sheepshead minnow	<i>Cyprinodon variegatus</i>	O	T

### Fishes of the Neches River Basin (continued)

Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Cyprinodontidae</b>				<b>Family Centrarchidae (cont)</b>			
golden topminnow	<i>Fundulus chrysotus</i>	IF		largemouth bass	<i>Micropterus salmoides</i>	P	
starhead topminnow	<i>Fundulus dispar</i>	IF		white crappie	<i>Pomoxis annularis</i>	P	
gulf killifish	<i>Fundulus grandis</i>	O		black crappie	<i>Pomoxis nigromaculatus</i>	P	
blackstripe topminnow	<i>Fundulus notatus</i>	IF		<b>Family Percidae</b>			
blackspotted minnow	<i>Fundulus olivaceus</i>	IF	I	western sand darter	<i>Ammocrypta clara</i>	IF	
bayou killifish	<i>Fundulus pulvereus</i>	IF		scaly sand darter	<i>Ammocrypta vivax</i>	IF	
<b>Family Poeciliidae</b>				mud darter	<i>Etheostoma asprigene</i>	IF	
western mosquitofish	<i>Gambusia affinis</i>	IF	T	bluntnose darter	<i>Etheostoma chlorosomum</i>	IF	
<b>Family Atherinidae</b>				swamp darter	<i>Etheostoma fusiforme</i>	IF	
brook silverside	<i>Labidesthes sicculus</i>	IF	I	slough darter	<i>Etheostoma gracile</i>	IF	
inland silverside	<i>Menidia beryllina</i>	IF		harlequin darter	<i>Etheostoma histrio</i>	IF	
<b>Family Percichthyidae</b>				goldstripe darter	<i>Etheostoma parvipinne</i>	IF	I
white bass	<i>Morone chrysops</i>	P		cypress darter	<i>Etheostoma proeliare</i>	IF	I
<b>Family Centrarchidae</b>				redfin darter	<i>Etheostoma whipplei</i>	IF	
flier	<i>Centrarchus macropterus</i>	IF		bigscale logperch	<i>Percina macrolepida</i>	IF	I
banded pygmy sunfish	<i>Elassoma zonatum</i>	IF		dusky darter	<i>Percina sciera</i>	IF	I
redbreast sunfish	<i>Lepomis auritus</i>	IF		river darter	<i>Percina shumardi</i>	IF	
green sunfish	<i>Lepomis cyanellus</i>	P	T	<b>Family Sciaenidae</b>			
warmouth	<i>Lepomis gulosus</i>	P	T	freshwater drum	<i>Aplodinotus grunniens</i>	IF	T
orangespotted sunfish	<i>Lepomis humilis</i>	IF					
bluegill	<i>Lepomis macrochirus</i>	IF	T				
dollar sunfish	<i>Lepomis marginatus</i>	IF					
longear sunfish	<i>Lepomis megalotis</i>	IF					
redear sunfish	<i>Lepomis microlophus</i>	IF					
spotted sunfish	<i>Lepomis punctatus</i>	IF					
bantam sunfish	<i>Lepomis symmetricus</i>	IF					
spotted bass	<i>Micropterus punctulatus</i>	IF					

# Fishes of the Trinity River Basin (08)

Species list was compiled by the TPWD - River Studies Program Personnel using Hubbs *et al.* (1991) and Lee *et al.* (1980). Feeding groups and tolerance ratings are from Linam and Kleinsasser (1998). Feeding group designations are: IF - invertivore, P - piscivore, O - omnivore, and H - herbivore. Tolerance designations are: T - tolerant, I - intolerant. Species without a tolerance designation are considered intermediate.



Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Petromyzontidae</b>				<b>Family Cyprinidae (cont)</b>			
southern brook lamprey	<i>Ichthyomyzon gagei</i>	None	I	silverband shiner	<i>Notropis shumardi</i>	IF	
<b>Family Polyodontidae</b>				sand shiner	<i>Notropis stramineus</i>	IF	
paddlefish	<i>Polyodon spathula</i>	O	I	weed shiner	<i>Notropis texanus</i>	IF	
<b>Family Lepisosteidae</b>				mimic shiner	<i>Notropis volucellus</i>	IF	I
spotted gar	<i>Lepisosteus oculatus</i>	P	T	pugnose minnow	<i>Opsopoeodus emiliae</i>	IF	
longnose gar	<i>Lepisosteus osseus</i>	P	T	suckermouth minnow	<i>Phenacobius mirabilis</i>	IF	
alligator gar	<i>Lepisosteus spatula</i>	P	T	fathead minnow	<i>Pimephales promelas</i>	O	T
<b>Family Amiidae</b>				bullhead minnow	<i>Pimephales vigilax</i>	IF	
bowfin	<i>Amia calva</i>	P	T	creek chub	<i>Semotilus atromaculatus</i>	P	
<b>Family Anguillidae</b>				<b>Family Catostomidae</b>			
American eel	<i>Anguilla rostrata</i>	P		river carpsucker	<i>Carpionodes carpio</i>	O	T
<b>Family Clupeidae</b>				blue sucker	<i>Cycleptus elongatus</i>	IF	I
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	creek chubsucker	<i>Erimyzon oblongus</i>	O	
threadfin shad	<i>Dorosoma petenense</i>	O		lake chubsucker	<i>Erimyzon sucetta</i>	O	
<b>Family Cyprinidae</b>				smallmouth buffalo	<i>Ictiobus bubalus</i>	O	
central stoneroller	<i>Campostoma anomalum</i>	H		black buffalo	<i>Ictiobus niger</i>	O	
goldfish	<i>Carassius auratus</i>	O	T	spotted sucker	<i>Minytrema melanops</i>	IF	
grass carp	<i>Ctenopharyngodon idella</i>	H	T	blacktail redhorse	<i>Moxostoma poecilurum</i>	IF	
red shiner	<i>Cyprinella lutrensis</i>	IF	T	<b>Family Characidae</b>			
blacktail shiner	<i>Cyprinella venusta</i>	IF		Mexican tetra	<i>Astyanax mexicanus</i>	IF	
common carp	<i>Cyprinus carpio</i>	O	T	<b>Family Ictaluridae</b>			
Mississippi silvery minnow	<i>Hybognathus nuchalis</i>	O	T	black bullhead	<i>Ameiurus melas</i>	O	T
plains minnow	<i>Hybognathus placitus</i>	O	T	yellow bullhead	<i>Ameiurus natalis</i>	O	
ribbon shiner	<i>Lythrurus fumeus</i>	IF		blue catfish	<i>Ictalurus furcatus</i>	P	
redfin shiner	<i>Lythrurus umbratilis</i>	IF		channel catfish	<i>Ictalurus punctatus</i>	O	T
speckled chub	<i>Macrhybopsis aestivalis</i>	IF		tadpole madtom	<i>Noturus gyrinus</i>	IF	I
golden shiner	<i>Notemigonus crysoleucas</i>	IF	T	freckled madtom	<i>Noturus nocturnus</i>	IF	I
pallid shiner	<i>Notropis amnis</i>	IF		flathead catfish	<i>Pylodictis olivaris</i>	P	
emerald shiner	<i>Notropis atherinoides</i>	IF		<b>Family Esocidae</b>			
blackspot shiner	<i>Notropis atrocaudalis</i>	IF		grass pickerel	<i>Esox americanus vermiculatus</i>	P	
ghost shiner	<i>Notropis buchanani</i>	IF		<b>Family Aphredoderidae</b>			
sabine shiner	<i>Notropis sabinae</i>	IF		pirate perch	<i>Aphredoderus sayanus</i>	IF	

### Fishes of the Trinity River Basin (continued)

Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Cyprinodontidae</b>				<b>Family Centrarchidae (cont)</b>			
sheepshead minnow	<i>Cyprinodon variegatus</i>	O	T	longear sunfish	<i>Lepomis megalotis</i>	IF	
golden topminnow	<i>Fundulus chrysotus</i>	IF		redeer sunfish	<i>Lepomis microlophus</i>	IF	
starhead topminnow	<i>Fundulus dispar</i>	IF		spotted sunfish	<i>Lepomis punctatus</i>	IF	
gulf killifish	<i>Fundulus grandis</i>	O		bantam sunfish	<i>Lepomis symmetricus</i>	IF	
blackstripe topminnow	<i>Fundulus notatus</i>	IF		spotted bass	<i>Micropterus punctulatus</i>	P	
blackspotted minnow	<i>Fundulus olivaceus</i>	IF	I	largemouth bass	<i>Micropterus salmoides</i>	P	
bayou killifish	<i>Fundulus pulvereus</i>	IF		white crappie	<i>Pomoxis annularis</i>	P	
plains killifish	<i>Fundulus zebrinus</i>	IF	T	black crappie	<i>Pomoxis nigromaculatus</i>	P	
rainwater killifish	<i>Lucania parva</i>	IF		<b>Family Percidae</b>			
<b>Family Poeciliidae</b>				scaly sand darter	<i>Ammocrypta vivax</i>	IF	
western mosquitofish	<i>Gambusia affinis</i>	IF	T	bluntnose darter	<i>Etheostoma chlorosomum</i>	IF	
sailfin molly	<i>Poecilia latipinna</i>	O	T	slough darter	<i>Etheostoma gracile</i>	IF	
<b>Family Atherinidae</b>				harlequin darter	<i>Etheostoma histrio</i>	IF	
inland silverside	<i>Menidia beryllina</i>	IF		goldstripe darter	<i>Etheostoma parvipinne</i>	IF	I
<b>Family Percichthyidae</b>				cypress darter	<i>Etheostoma proeliare</i>	IF	I
white bass	<i>Morone chrysops</i>	P		orangethroat darter	<i>Etheostoma spectabile</i>	IF	
yellow bass	<i>Morone mississippiensis</i>	P		bigscale logperch	<i>Percina macrolepida</i>	IF	I
striped bass	<i>Morone saxatilis</i>	P		dusky darter	<i>Percina sciera</i>	IF	I
<b>Family Centrarchidae</b>				river darter	<i>Percina shumardi</i>	IF	
flier	<i>Centrarchus macropterus</i>	IF		<b>Family Sciaenidae</b>			
banded pygmy sunfish	<i>Elassoma zonatum</i>	IF		freshwater drum	<i>Aplodinotus grunniens</i>	IF	T
redbreast sunfish	<i>Lepomis auritus</i>	IF		<b>Family Cichlidae</b>			
green sunfish	<i>Lepomis cyanellus</i>	P	T	Rio Grande cichlid	<i>Cichlasoma cyanoguttatum</i>	IF	
warmouth	<i>Lepomis gulosus</i>	P	T	<b>Family Mugilidae</b>			
orangespotted sunfish	<i>Lepomis humilis</i>	IF		mountain mullet	<i>Agonostomus monticola</i>	O	
bluegill	<i>Lepomis macrochirus</i>	IF	T	striped mullet	<i>Mugil cephalus</i>	O	
dollar sunfish	<i>Lepomis marginatus</i>	IF					

# Fishes of the San Jacinto River Basin (10)

Species list was compiled by the TPWD - River Studies Program Personnel using Hubbs *et al.* (1991) and Lee *et al.* (1980). Feeding groups and tolerance ratings are from Linam and Kleinsasser (1998). Feeding group designations are: IF - invertivore, P - piscivore, O - omnivore, and H - herbivore. Tolerance designations are: T - tolerant, I - intolerant. Species without a tolerance designation are considered intermediate.



Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Lepisosteidae</b>				<b>Family Cyprinidae (cont)</b>			
spotted gar	<i>Lepisosteus oculatus</i>	P	T	mimic shiner	<i>Notropis volucellus</i>	IF	I
longnose gar	<i>Lepisosteus osseus</i>	P	T	pugnose minnow	<i>Opsopoeodus emiliae</i>	IF	
alligator gar	<i>Lepisosteus spatula</i>	P	T	fathead minnow	<i>Pimephales promelas</i>	O	T
<b>Family Amiidae</b>				bullhead minnow	<i>Pimephales vigilax</i>	IF	
bowfin	<i>Amia calva</i>	P	T	creek chub	<i>Semotilus atromaculatus</i>	P	
<b>Family Anguillidae</b>				<b>Family Catostomidae</b>			
American eel	<i>Anguilla rostrata</i>	P		river carpsucker	<i>Carpionodes carpio</i>	O	T
<b>Family Clupeidae</b>				blue sucker	<i>Cycleptus elongatus</i>	IF	I
skipjack herring	<i>Alosa chrysochloris</i>	P		creek chubsucker	<i>Erimyzon oblongus</i>	O	
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	lake chubsucker	<i>Erimyzon sucetta</i>	O	
threadfin shad	<i>Dorosoma petenense</i>	O		smallmouth buffalo	<i>Ictiobus bubalus</i>	O	
<b>Family Cyprinidae</b>				spotted sucker	<i>Minytrema melanops</i>	IF	
goldfish	<i>Carassius auratus</i>	O	T	gray redhorse	<i>Moxostoma congestum</i>	IF	
grass carp	<i>Ctenopharyngodon idella</i>	H	T	blacktail redhorse	<i>Moxostoma poecilurum</i>	IF	
red shiner	<i>Cyprinella lutrensis</i>	IF	T	<b>Family Ictaluridae</b>			
blacktail shiner	<i>Cyprinella venusta</i>	IF		black bullhead	<i>Ameiurus melas</i>	O	T
common carp	<i>Cyprinus carpio</i>	O	T	yellow bullhead	<i>Ameiurus natalis</i>	O	
mississippi silvery minnow	<i>Hybognathus nuchalis</i>	O	T	blue catfish	<i>Ictalurus furcatus</i>	P	
plains minnow	<i>Hybognathus placitus</i>	O	T	channel catfish	<i>Ictalurus punctatus</i>	O	T
ribbon shiner	<i>Lythrurus fumeus</i>	IF		tadpole madtom	<i>Noturus gyrinus</i>	IF	I
redfin shiner	<i>Lythrurus umbratilis</i>	IF		freckled madtom	<i>Noturus nocturnus</i>	IF	I
speckled chub	<i>Macrhybopsis aestivalis</i>	IF		flathead catfish	<i>Pylodictis olivaris</i>	P	
golden shiner	<i>Notemigonus crysoleucas</i>	IF	T	<b>Family Esocidae</b>			
Texas shiner	<i>Notropis amabilis</i>	IF		grass pickerel	<i>Esox americanus vermiculatus</i>	P	
pallid shiner	<i>Notropis amnis</i>	IF		<b>Family Aphredoderidae</b>			
blackspot shiner	<i>Notropis atrocaudalis</i>	IF		pirate perch	<i>Aphredoderus sayanus</i>	IF	
ghost shiner	<i>Notropis buchanani</i>	IF		<b>Family Cyprinodontidae</b>			
chub shiner	<i>Notropis potteri</i>	IF		sheepshead minnow	<i>Cyprinodon variegatus</i>	O	T
Sabine shiner	<i>Notropis sabinae</i>	IF		golden topminnow	<i>Fundulus chrysotus</i>	IF	
silverband shiner	<i>Notropis shumardi</i>	IF		starhead topminnow	<i>Fundulus dispar</i>	IF	
weed shiner	<i>Notropis texanus</i>	IF		gulf killifish	<i>Fundulus grandis</i>	O	

### Fishes of the San Jacinto River Basin (continued)

Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Cyprinodontidae</b>				<b>Family Centrarchidae (cont)</b>			
blackstripe topminnow	<i>Fundulus notatus</i>	IF		largemouth bass	<i>Micropterus salmoides</i>	P	
blackspotted minnow	<i>Fundulus olivaceus</i>	IF	I	white crappie	<i>Pomoxis annularis</i>	P	
rainwater killifish	<i>Lucania parva</i>	IF		black crappie	<i>Pomoxis nigromaculatus</i>	P	
<b>Family Poeciliidae</b>				<b>Family Percidae</b>			
western mosquitofish	<i>Gambusia affinis</i>	IF	T	scaly sand darter	<i>Ammocrypta vivax</i>	IF	
sailfin molly	<i>Poecilia latipinna</i>	O	T	bluntnose darter	<i>Etheostoma chlorosomum</i>	IF	
<b>Family Atherinidae</b>				slough darter	<i>Etheostoma gracile</i>	IF	
brook silverside	<i>Labidesthes sicculus</i>	IF	I	goldstripe darter	<i>Etheostoma parvipinne</i>	IF	I
inland silverside	<i>Menidia beryllina</i>	IF		cypress darter	<i>Etheostoma proeliare</i>	IF	I
<b>Family Percichthyidae</b>				orangethroat darter	<i>Etheostoma spectabile</i>	IF	
white bass	<i>Morone chrysops</i>	P		bigscale logperch	<i>Percina macrolepida</i>	IF	I
yellow bass	<i>Morone mississippiensis</i>	P		dusky darter	<i>Percina sciera</i>	IF	I
striped bass	<i>Morone saxatilis</i>	P		<b>Family Sciaenidae</b>			
<b>Family Centrarchidae</b>				freshwater drum	<i>Aplodinotus grunniens</i>	IF	T
flier	<i>Centrarchus macropterus</i>	IF		<b>Family Cichlidae</b>			
banded pygmy sunfish	<i>Elassoma zonatum</i>	IF		Rio Grande cichlid	<i>Cichlasoma cyanoguttatum</i>	IF	
redbreast sunfish	<i>Lepomis auritus</i>	IF		<b>Family Mugilidae</b>			
green sunfish	<i>Lepomis cyanellus</i>	P	T	striped mullet	<i>Mugil cephalus</i>	O	
warmouth	<i>Lepomis gulosus</i>	P	T				
orangespotted sunfish	<i>Lepomis humilis</i>	IF					
bluegill	<i>Lepomis macrochirus</i>	IF	T				
dollar sunfish	<i>Lepomis marginatus</i>	IF					
longear sunfish	<i>Lepomis megalotis</i>	IF					
reardear sunfish	<i>Lepomis microlophus</i>	IF					
spotted sunfish	<i>Lepomis punctatus</i>	IF					
bantam sunfish	<i>Lepomis symmetricus</i>	IF					
spotted bass	<i>Micropterus punctulatus</i>	P					

# Fishes of the Brazos River Basin (12)

Species list was compiled by the TPWD - River Studies Program Personnel using Hubbs *et al.* (1991) and Lee *et al.* (1980). Feeding groups and tolerance ratings are from Linam and Kleinsasser (1998). Feeding group designations are: IF - invertivore, P - piscivore, O - omnivore, and H - herbivore. Tolerance designations are: T - tolerant, I - intolerant. Species without a tolerance designation are considered intermediate.



Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Lepisosteidae</b>				<b>Family Cyprinidae (cont)</b>			
spotted gar	<i>Lepisosteus oculatus</i>	P	T	pugnose minnow	<i>Opsopoeodus emiliae</i>	IF	
longnose gar	<i>Lepisosteus osseus</i>	P	T	fathead minnow	<i>Pimephales promelas</i>	O	T
alligator gar	<i>Lepisosteus spatula</i>	P	T	bullhead minnow	<i>Pimephales vigilax</i>	IF	
<b>Family Amiidae</b>				rudd	<i>Scardinius erythrophthalmus</i>	O	T
bowfin	<i>Amia calva</i>	P	T	creek chub	<i>Semotilus atromaculatus</i>	P	
<b>Family Anguillidae</b>				<b>Family Catostomidae</b>			
American eel	<i>Anguilla rostrata</i>	P		river carpsucker	<i>Carpiodes carpio</i>	O	T
<b>Family Clupeidae</b>				blue sucker	<i>Cycleptus elongatus</i>	IF	I
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	lake chubsucker	<i>Erimyzon sucetta</i>	O	
threadfin shad	<i>Dorosoma petenense</i>	O		smallmouth buffalo	<i>Ictiobus bubalus</i>	O	
<b>Family Cyprinidae</b>				black buffalo	<i>Ictiobus niger</i>	O	
central stoneroller	<i>Campostoma anomalum</i>	H		spotted sucker	<i>Minytrema melanops</i>	IF	
goldfish	<i>Carassius auratus</i>	O	T	gray redbhorse	<i>Moxostoma congestum</i>	IF	
grass carp	<i>Ctenopharyngodon idella</i>	H	T	<b>Family Characidae</b>			
red shiner	<i>Cyprinella lutrensis</i>	IF	T	Mexican tetra	<i>Astyanax mexicanus</i>	IF	
blacktail shiner	<i>Cyprinella venusta</i>	IF		<b>Family Ictaluridae</b>			
common carp	<i>Cyprinus carpio</i>	O	T	black bullhead	<i>Ameiurus melas</i>	O	T
Mississippi silvery minnow	<i>Hybognathus nuchalis</i>	O	T	yellow bullhead	<i>Ameiurus natalis</i>	O	
plains minnow	<i>Hybognathus placitus</i>	O	T	blue catfish	<i>Ictalurus furcatus</i>	P	
ribbon shiner	<i>Lythrurus fumeus</i>	IF		channel catfish	<i>Ictalurus punctatus</i>	O	T
speckled chub	<i>Macrhybopsis aestivalis</i>	IF		tadpole madtom	<i>Noturus gyrinus</i>	IF	I
silver chub	<i>Macrhybopsis storeiana</i>	IF		freckled madtom	<i>Noturus nocturnus</i>	IF	I
golden shiner	<i>Notemigonus crysoleucas</i>	IF	T	flathead catfish	<i>Pylodictis olivaris</i>	P	
Texas shiner	<i>Notropis amabilis</i>	IF		<b>Family Esocidae</b>			
pallid shiner	<i>Notropis amnis</i>	IF		grass pickerel	<i>Esox americanus vermiculatus</i>	P	
blackspot shiner	<i>Notropis atrocaudalis</i>	IF		<b>Family Aphredoderidae</b>			
smalleye shiner	<i>Notropis buccula</i>	IF		pirate perch	<i>Aphredoderus sayanus</i>	IF	
ghost shiner	<i>Notropis buchanani</i>	IF		<b>Family Belontiidae</b>			
sharpnose shiner	<i>Notropis oxyrhynchus</i>	IF		Atlantic needlefish	<i>Strongylura marina</i>	P	
chub shiner	<i>Notropis potteri</i>	IF		<b>Family Cyprinodontidae</b>			
silverband shiner	<i>Notropis shumardi</i>	IF		Red River pupfish	<i>Cyprinodon rubrofluvialtilis</i>	O	T
mimic shiner	<i>Notropis volucellus</i>	IF	I				



### Fishes of the Brazos River Basin (continued)

Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Cyprinodontidae (cont)</b>				<b>Family Centrarchidae (cont)</b>			
sheepshead minnow	<i>Cyprinodon variegatus</i>	O	T	spotted sunfish	<i>Lepomis punctatus</i>	IF	
starhead topminnow	<i>Fundulus dispar</i>	IF		bantam sunfish	<i>Lepomis symmetricus</i>	IF	
gulf killifish	<i>Fundulus grandis</i>	O		smallmouth bass	<i>Micropterus dolomieu</i>	P	I
blackstripe topminnow	<i>Fundulus notatus</i>	IF		spotted bass	<i>Micropterus punctulatus</i>	P	
plains killifish	<i>Fundulus zebrinus</i>	IF	T	largemouth bass	<i>Micropterus salmoides</i>	P	
<b>Family Poeciliidae</b>				Guadalupe bass	<i>Micropterus treculi</i>	P	I
western mosquitofish	<i>Gambusia affinis</i>	IF	T	white crappie	<i>Pomoxis annularis</i>	P	
sailfin molly	<i>Poecilia latipinna</i>	O	T	black crappie	<i>Pomoxis nigromaculatus</i>	P	
<b>Family Atherinidae</b>				<b>Family Percidae</b>			
inland silverside	<i>Menidia beryllina</i>	IF		bluntnose darter	<i>Etheostoma chlorosomum</i>	IF	
<b>Family Percichthyidae</b>				slough darter	<i>Etheostoma gracile</i>	IF	
white bass	<i>Morone chrysops</i>	P		goldstripe darter	<i>Etheostoma parvipinne</i>	IF	I
striped bass	<i>Morone saxatilis</i>	P		orangethroat darter	<i>Etheostoma spectabile</i>	IF	
<b>Family Centrarchidae</b>				Texas logperch	<i>Percina carbonaria</i>	IF	I
banded pygmy sunfish	<i>Elassoma zonatum</i>	IF		bigscale logperch	<i>Percina macrolepida</i>	IF	I
redbreast sunfish	<i>Lepomis auritis</i>	IF		dusky darter	<i>Percina sciera</i>	IF	I
green sunfish	<i>Lepomis cyanellus</i>	P	T	<b>Family Sciaenidae</b>			
warmouth	<i>Lepomis gulosus</i>	P	T	freshwater drum	<i>Aplodinotus grunniens</i>	IF	T
orangespotted sunfish	<i>Lepomis humilis</i>	IF		<b>Family Cichlidae</b>			
bluegill	<i>Lepomis macrochirus</i>	IF	T	Rio Grande cichlid	<i>Cichlasoma cyanoguttatum</i>	IF	
dollar sunfish	<i>Lepomis marginatus</i>	IF		<b>Family Mugilidae</b>			
longear sunfish	<i>Lepomis megalotis</i>	IF		striped mullet	<i>Mugil cephalus</i>	O	
redecor sunfish	<i>Lepomis microlophus</i>	IF		white mullet	<i>Mugil curema</i>	O	

# Fishes of the Colorado River Basin (14)

Species list was compiled by the TPWD - River Studies Program Personnel using Hubbs *et al.* (1991) and Lee *et al.* (1980). Feeding groups and tolerance ratings are from Linam and Kleinsasser (1998). Feeding group designations are: IF - invertivore, P - piscivore, O - omnivore, and H - herbivore. Tolerance designations are: T - tolerant, I - intolerant. Species without a tolerance designation are considered intermediate.



Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Lepisosteidae</b>				<b>Family Cyprinidae (cont)</b>			
spotted gar	<i>Lepisosteus oculatus</i>	P	T	mimic shiner	<i>Notropis volucellus</i>	IF	I
longnose gar	<i>Lepisosteus osseus</i>	P	T	pugnose minnow	<i>Opsopoeodus emiliae</i>	IF	
alligator gar	<i>Lepisosteus spatula</i>	P	T	suckermouth minnow	<i>Phenacobius mirabilis</i>	IF	
<b>Family Amiidae</b>				<b>Family Catostomidae</b>			
bowfin	<i>Amia calva</i>	P	T	fathead minnow	<i>Pimephales promelas</i>	O	T
<b>Family Anguillidae</b>				<b>Family Characidae</b>			
American eel	<i>Anguilla rostrata</i>	P		river carpsucker	<i>Carpionodes carpio</i>	O	T
<b>Family Clupeidae</b>				<b>Family Ictaluridae</b>			
skipjack herring	<i>Alosa chrysochloris</i>	P		blue sucker	<i>Cycleptus elongatus</i>	IF	I
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	smallmouth buffalo	<i>Ictiobus bubalus</i>	O	
threadfin shad	<i>Dorosoma petenense</i>	O		black buffalo	<i>Ictiobus niger</i>	O	
<b>Family Cyprinidae</b>				<b>Family Cyprinodontidae</b>			
central stoneroller	<i>Campostoma anomalum</i>	H		gray redbhorse	<i>Moxostoma congestum</i>	IF	
goldfish	<i>Carassius auratus</i>	O	T	<b>Family Poeciliidae</b>			
grass carp	<i>Ctenopharyngodon idella</i>	H	T	western mosquitofish	<i>Gambusia affinis</i>	IF	T
red shiner	<i>Cyprinella lutrensis</i>	IF	T	black bullhead	<i>Ameiurus melas</i>	O	T
blacktail shiner	<i>Cyprinella venusta</i>	IF		yellow bullhead	<i>Ameiurus natalis</i>	O	
common carp	<i>Cyprinus carpio</i>	O	T	blue catfish	<i>Ictalurus furcatus</i>	P	
roundnose minnow	<i>Dionda episcopa</i>	O	I	channel catfish	<i>Ictalurus punctatus</i>	O	T
plains minnow	<i>Hybognathus placitus</i>	O	T	headwater catfish	<i>Ictalurus lupus</i>	O	
ribbon shiner	<i>Lythrurus fumeus</i>	IF		tadpole madtom	<i>Noturus gyrinus</i>	IF	I
speckled chub	<i>Macrhybopsis aestivalis</i>	IF		flathead catfish	<i>Pylodictis olivaris</i>	P	
golden shiner	<i>Notemigonus crysoleucas</i>	IF	T	<b>Family Cyprinodontidae</b>			
Texas shiner	<i>Notropis amabilis</i>	IF		Red River pupfish	<i>Cyprinodon rubrofluviatilis</i>	O	T
pallid shiner	<i>Notropis amnis</i>	IF		sheepshead minnow	<i>Cyprinodon variegatus</i>	O	T
smalleye shiner	<i>Notropis buccula</i>	IF		golden topminnow	<i>Fundulus chrysotus</i>	IF	
ghost shiner	<i>Notropis buechanani</i>	IF		blackstripe topminnow	<i>Fundulus notatus</i>	IF	
sharpnose shiner	<i>Notropis oxyrhynchus</i>	IF		bayou killifish	<i>Fundulus pulvereus</i>	IF	
silverband shiner	<i>Notropis shumardi</i>	IF		plains killifish	<i>Fundulus zebrinus</i>	IF	T
sand shiner	<i>Notropis stramineus</i>	IF		rainwater killifish	<i>Lucania parva</i>	IF	
weed shiner	<i>Notropis texanus</i>	IF		<b>Family Poeciliidae</b>			

### Fishes of the Colorado River Basin (continued)

Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Poeciliidae (cont)</b>				<b>Family Centrarchidae (cont)</b>			
largespring gambusia	<i>Gambusia geiseri</i>	IF		spotted bass	<i>Micropterus punctulatus</i>	P	
Clear Creek gambusia	<i>Gambusia heterochir</i>	IF		largemouth bass	<i>Micropterus salmoides</i>	P	
sailfin molly	<i>Poecilia latipinna</i>	O	T	Guadalupe bass	<i>Micropterus treculi</i>	P	I
guppy	<i>Poecilia reticulata</i>	IF	T	white crappie	<i>Pomoxis annularis</i>	P	
<b>Family Atherinidae</b>				black crappie	<i>Pomoxis nigromaculatus</i>	P	
inland silverside	<i>Menidia beryllina</i>	IF		<b>Family Percidae</b>			
<b>Family Percichthyidae</b>				bluntnose darter	<i>Etheostoma chlorosomum</i>	IF	
white bass	<i>Morone chrysops</i>	P		slough darter	<i>Etheostoma gracile</i>	IF	
striped bass	<i>Morone saxatilis</i>	P		greenthroat darter	<i>Etheostoma lepidum</i>	IF	I
<b>Family Centrarchidae</b>				orangethroat darter	<i>Etheostoma spectabile</i>	IF	
redbreast sunfish	<i>Lepomis auritus</i>	IF		Texas logperch	<i>Percina carbonaria</i>	IF	I
green sunfish	<i>Lepomis cyanellus</i>	P	T	bigscale logperch	<i>Percina macrolepida</i>	IF	I
warmouth	<i>Lepomis gulosus</i>	P	T	dusky darter	<i>Percina sciera</i>	IF	I
orangespotted sunfish	<i>Lepomis humilis</i>	IF		<b>Family Sciaenidae</b>			
bluegill	<i>Lepomis macrochirus</i>	IF	T	freshwater drum	<i>Aplodinotus grunniens</i>	IF	T
longear sunfish	<i>Lepomis megalotis</i>	IF		<b>Family Cichlidae</b>			
redear sunfish	<i>Lepomis microlophus</i>	IF		Rio Grande cichlid	<i>Cichlasoma cyanoguttatum</i>	IF	
spotted sunfish	<i>Lepomis punctatus</i>	IF		blue tilapia	<i>Tilapia aurea</i>	O	T
bantam sunfish	<i>Lepomis symmetricus</i>	IF		<b>Family Mugilidae</b>			
smallmouth bass	<i>Micropterus dolomieu</i>	P	I	striped mullet	<i>Mugil cephalus</i>	O	

# Fishes of the Lavaca River Basin (16)

Species list was compiled by the TPWD - River Studies Program Personnel using Hubbs *et al.* (1991) and Lee *et al.* (1980). Feeding groups and tolerance ratings are from Linam and Kleinsasser (1998). Feeding group designations are: IF - invertivore, P - piscivore, O - omnivore, and H - herbivore. Tolerance designations are: T - tolerant, I - intolerant. Species without a tolerance designation are considered intermediate.



Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Lepisosteidae</b>				<b>Family Ictaluridae</b>			
spotted gar	<i>Lepisosteus oculatus</i>	P	T	black bullhead	<i>Ameiurus melas</i>	O	T
longnose gar	<i>Lepisosteus osseus</i>	P	T	yellow bullhead	<i>Ameiurus natalis</i>	O	
alligator gar	<i>Lepisosteus spatula</i>	P	T	blue catfish	<i>Ictalurus furcatus</i>	P	
<b>Family Anguillidae</b>				channel catfish	<i>Ictalurus punctatus</i>	O	T
American eel	<i>Anguilla rostrata</i>	P		tadpole madtom	<i>Noturus gyrinus</i>	IF	I
<b>Family Clupeidae</b>				flathead catfish	<i>Pylodictis olivaris</i>	P	
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	<b>Family Cyprinodontidae</b>			
threadfin shad	<i>Dorosoma petenense</i>	O		sheepshead minnow	<i>Cyprinodon variegatus</i>	O	T
<b>Family Cyprinidae</b>				gulf killifish	<i>Fundulus grandis</i>	O	
central stoneroller	<i>Camptostoma anomalum</i>	H		golden topminnow	<i>Fundulus chrysotus</i>	IF	
goldfish	<i>Carassius auratus</i>	O	T	blackstripe topminnow	<i>Fundulus notatus</i>	IF	
red shiner	<i>Cyprinella lutrensis</i>	IF	T	bayou killifish	<i>Fundulus pulvereus</i>	IF	
blacktail shiner	<i>Cyprinella venusta</i>	IF		<b>Family Poeciliidae</b>			
common carp	<i>Cyprinus carpio</i>	O	T	western mosquitofish	<i>Gambusia affinis</i>	IF	T
ribbon shiner	<i>Lythrurus fumeus</i>	IF		<b>Family Atherinidae</b>			
speckled chub	<i>Macrhybopsis aestivalis</i>	IF		inland silverside	<i>Menidia beryllina</i>	IF	
golden shiner	<i>Notemigonus crysoleucas</i>	IF	T	<b>Family Syngnathidae</b>			
pallid shiner	<i>Notropis amnis</i>	IF		gulf pipefish	<i>Syngnathus scovelli</i>	IF	
ghost shiner	<i>Notropis buchanani</i>	IF		<b>Family Percichthyidae</b>			
silverband shiner	<i>Notropis shumardi</i>	IF		white bass	<i>Morone chrysops</i>	P	
weed shiner	<i>Notropis texanus</i>	IF		<b>Family Centrarchidae</b>			
mimic shiner	<i>Notropis volucellus</i>	IF	I	redbreast sunfish	<i>Lepomis auritis</i>	IF	
pugnose minnow	<i>Opsopoeodus emiliae</i>	IF		green sunfish	<i>Lepomis cyanellus</i>	P	T
fathead minnow	<i>Pimephales promelas</i>	O	T	warmouth	<i>Lepomis gulosus</i>	P	T
bullhead minnow	<i>Pimephales vigilax</i>	IF		orangespotted sunfish	<i>Lepomis humilis</i>	IF	
<b>Family Catostomidae</b>				bluegill	<i>Lepomis macrochirus</i>	IF	T
river carpsucker	<i>Carpionodes carpio</i>	O	T	longear sunfish	<i>Lepomis megalotis</i>	IF	
blue sucker	<i>Cycleptus elongatus</i>	IF	I	redear sunfish	<i>Lepomis microlophus</i>	IF	
smallmouth buffalo	<i>Ictiobus bubalus</i>	O		spotted sunfish	<i>Lepomis punctatus</i>	IF	
<b>Family Characidae</b>				largemouth bass	<i>Micropterus salmoides</i>	P	
Mexican tetra	<i>Astyanax mexicanus</i>	IF		white crappie	<i>Pomoxis annularis</i>	P	

### Fishes of the Lavaca River Basin (continued)

Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Centrarchidae (cont)</b>			
black crappie	<i>Pomoxis nigromaculatus</i>	P	
<b>Family Percidae</b>			
slough darter	<i>Etheostoma gracile</i>	IF	
bigscale logperch	<i>Percina macrolepida</i>	IF	I
<b>Family Sciaenidae</b>			
freshwater drum	<i>Aplodinotus grunniens</i>	IF	T
<b>Family Mugilidae</b>			
striped mullet	<i>Mugil cephalus</i>	O	

# Fishes of the Guadalupe River Basin (18)

Species list was compiled by the TPWD - River Studies Program Personnel using Hubbs *et al.* (1991) and Lee *et al.* (1980). Feeding groups and tolerance ratings are from Linam and Kleinsasser (1998). Feeding group designations are: IF - invertivore, P - piscivore, O - omnivore, and H - herbivore. Tolerance designations are: T - tolerant, I - intolerant. Species without a tolerance designation are considered intermediate.



Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Lepisosteidae</b>				<b>Family Catostomidae (cont)</b>			
spotted gar	<i>Lepisosteus oculatus</i>	P	T	blue sucker	<i>Cycleptus elongatus</i>	IF	I
longnose gar	<i>Lepisosteus osseus</i>	P	T	lake chubsucker	<i>Erimyzon sucetta</i>	O	
alligator gar	<i>Lepisosteus spatula</i>	P	T	smallmouth buffalo	<i>Ictiobus bubalus</i>	O	
<b>Family Anguillidae</b>				black buffalo	<i>Ictiobus niger</i>	O	
American eel	<i>Anguilla rostrata</i>	P		spotted sucker	<i>Minytrema melanops</i>	IF	
<b>Family Clupeidae</b>				gray redborse	<i>Moxostoma congestum</i>	IF	
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	<b>Family Characidae</b>			
threadfin shad	<i>Dorosoma petenense</i>	O		Mexican tetra	<i>Astyanax mexicanus</i>	IF	
<b>Family Cyprinidae</b>				<b>Family Ictaluridae</b>			
central stoneroller	<i>Campostoma anomalum</i>	H		black bullhead	<i>Ameiurus melas</i>	O	T
goldfish	<i>Carassius auratus</i>	O	T	yellow bullhead	<i>Ameiurus natalis</i>	O	
grass carp	<i>Ctenopharyngodon idella</i>	H	T	blue catfish	<i>Ictalurus furcatus</i>	P	
red shiner	<i>Cyprinella lutrensis</i>	IF	T	channel catfish	<i>Ictalurus punctatus</i>	O	T
blacktail shiner	<i>Cyprinella venusta</i>	IF		tadpole madtom	<i>Noturus gyrinus</i>	IF	I
common carp	<i>Cyprinus carpio</i>	O	T	freckled madtom	<i>Noturus nocturnus</i>	IF	I
roundnose minnow	<i>Dionda episcopa</i>	O	I	flathead catfish	<i>Pylodictis olivaris</i>	P	
				headwater catfish	<i>Ictalurus lupus</i>	O	
speckled chub	<i>Macrhybopsis aestivalis</i>	IF		<b>Family Loricariidae</b>			
golden shiner	<i>Notemigonus crysoleucas</i>	IF	T	armadillo del rio	<i>Hypostomus sp.</i>	H	
Texas shiner	<i>Notropis amabilis</i>	IF		<b>Family Salmonidae</b>			
pallid shiner	<i>Notropis amnis</i>	IF		rainbow trout	<i>Oncorhynchus mykiss</i> <i>Salmo trutta</i>	IF - Lotic P - Lentic	I
ghost shiner	<i>Notropis buchanani</i>	IF		<b>Family Cyprinodontidae</b>			
ironcolor shiner	<i>Notropis chalybaeus</i>	IF	I	sheepshead minnow	<i>Cyprinodon variegatus</i>	O	T
silverband shiner	<i>Notropis shumardi</i>	IF		golden topminnow	<i>Fundulus chrysotus</i>	IF	
sand shiner	<i>Notropis stramineus</i>	IF		gulf killifish	<i>Fundulus grandis</i>	O	
weed shiner	<i>Notropis texanus</i>	IF		blackstripe topminnow	<i>Fundulus notatus</i>	IF	
mimic shiner	<i>Notropis volucellus</i>	IF	I	<b>Family Poeciliidae</b>			
pugnose minnow	<i>Opsopoeodus emiliae</i>	IF		western mosquitofish	<i>Gambusia affinis</i>	IF	T
fathead minnow	<i>Pimephales promelas</i>	O	T	largespring gambusia	<i>Gambusia geiseri</i>	IF	
bullhead minnow	<i>Pimephales vigilax</i>	IF		least killifish	<i>Poecilia formosa</i>	IF	
<b>Family Catostomidae</b>				sailfin molly	<i>Poecilia latipinna</i>	O	T
river carpsucker	<i>Carpionodes carpio</i>	O	T				

### Fishes of the Guadalupe River Basin (continued)

Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Atherinidae</b>				<b>Family Percidae</b>			
inland silverside	<i>Menidia beryllina</i>	IF		bluntnose darter	<i>Etheostoma chlorosomum</i>	IF	
<b>Family Percichthyidae</b>				fountain darter	<i>Etheostoma fonticola</i>	IF	I
white bass	<i>Morone chrysops</i>	P		slough darter	<i>Etheostoma gracile</i>	IF	
striped bass	<i>Morone saxatilis</i>	P		greenthroat darter	<i>Etheostoma lepidum</i>	IF	I
<b>Family Centrarchidae</b>				orangethroat darter	<i>Etheostoma spectabile</i>	IF	
Rock bass	<i>Ambloplites rupestris</i>	P	I	Texas logperch	<i>Percina carbonaria</i>	IF	I
redbreast sunfish	<i>Lepomis auritis</i>	IF		bigscale logperch	<i>Percina macrolepida</i>	IF	I
green sunfish	<i>Lepomis cyanellus</i>	P	T	dusky darter	<i>Percina sciera</i>	IF	I
warmouth	<i>Lepomis gulosus</i>	P	T	river darter	<i>Percina shumardi</i>	IF	
bluegill	<i>Lepomis macrochirus</i>	IF	T	walleye	<i>Stizostedion vitreum</i>	P	
longear sunfish	<i>Lepomis megalotis</i>	IF		<b>Family Cichlidae</b>			
redecor sunfish	<i>Lepomis microlophus</i>	IF		Rio Grande cichlid	<i>Cichlasoma cyanoguttatum</i>	IF	
spotted sunfish	<i>Lepomis punctatus</i>	IF		blue tilapia	<i>Tilapia aurea</i>	O	T
smallmouth bass	<i>Micropterus dolomieu</i>	P	I	Mozambique tilapia	<i>Tilapia mossambica</i>	O	
spotted bass	<i>Micropterus punctulatus</i>	P		convict or zebra cichlid	<i>Cichlasoma nigrofasciatum</i>	O	
largemouth bass	<i>Micropterus salmoides</i>	P		African lake cichlid	<i>Pseudotropheus sp.</i>	O	
Guadalupe bass	<i>Micropterus treculi</i>	P	I	<b>Family Mugilidae</b>			
white crappie	<i>Pomoxis annularis</i>	P		striped mullet	<i>Mugil cephalus</i>	O	
black crappie	<i>Pomoxis nigromaculatus</i>	P					

# Fishes of the San Antonio River Basin (19)

Species list was compiled by the TPWD - River Studies Program Personnel using Hubbs *et al.* (1991) and Lee *et al.* (1980). Feeding groups and tolerance ratings are from Linam and Kleinsasser (1998). Feeding group designations are: IF - invertivore, P - piscivore, O - omnivore, and H - herbivore. Tolerance designations are: T - tolerant, I - intolerant. Species without a tolerance designation are considered intermediate.



Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Lepisosteidae</b>				<b>Family Catostomidae (cont)</b>			
spotted gar	<i>Lepisosteus oculatus</i>	P	T	smallmouth buffalo	<i>Ictiobus bubalus</i>	O	
longnose gar	<i>Lepisosteus osseus</i>	P	T	gray redbreast	<i>Moxostoma congestum</i>	IF	
alligator gar	<i>Lepisosteus spatula</i>	P	T	<b>Family Characidae</b>			
<b>Family Anguillidae</b>				Mexican tetra	<i>Astyanax mexicanus</i>	IF	
American eel	<i>Anguilla rostrata</i>	P		<b>Family Ictaluridae</b>			
<b>Family Clupeidae</b>				black bullhead	<i>Ameiurus melas</i>	O	T
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	yellow bullhead	<i>Ameiurus natalis</i>	O	
threadfin shad	<i>Dorosoma petenense</i>	O		blue catfish	<i>Ictalurus furcatus</i>	P	
<b>Family Cyprinidae</b>				headwater catfish	<i>Ictalurus lupus</i>	O	
central stoneroller	<i>Campostoma anomalum</i>	H		channel catfish	<i>Ictalurus punctatus</i>	O	T
goldfish	<i>Carassius auratus</i>	O	T	tadpole madtom	<i>Noturus gyrinus</i>	IF	I
red shiner	<i>Cyprinella lutrensis</i>	IF	T	flathead catfish	<i>Pylodictis olivaris</i>	P	
blacktail shiner	<i>Cyprinella venusta</i>	IF		widemouth blindcat	<i>Satan eurystomus</i>	IF	
common carp	<i>Cyprinus carpio</i>	O	T	toothless blindcat	<i>Trogloglanis pattersoni</i>	O	
roundnose minnow	<i>Dionda episcopa</i>	O	I	<b>Family Loricariidae</b>			
speckled chub	<i>Macrhybopsis aestivalis</i>	IF		armadillo del rio	<i>Hypostomus sp.</i>	H	
golden shiner	<i>Notemigonus crysoleucas</i>	IF	T	<b>Family Cyprinodontidae</b>			
Texas shiner	<i>Notropis amabilis</i>	IF		sheepshead minnow	<i>Cyprinodon variegatus</i>	O	T
pallid shiner	<i>Notropis amnis</i>	IF		gulf killifish	<i>Fundulus grandis</i>	O	
ghost shiner	<i>Notropis buchanani</i>	IF		blackstripe topminnow	<i>Fundulus notatus</i>	IF	
sand shiner	<i>Notropis stramineus</i>	IF		<b>Family Poeciliidae</b>			
weed shiner	<i>Notropis texanus</i>	IF		western mosquitofish	<i>Gambusia affinis</i>	IF	T
mimic shiner	<i>Notropis volucellus</i>	IF	I	least killifish	<i>Poecilia formosa</i>	IF	
pugnose minnow	<i>Opsopoeodus emiliae</i>	IF		sailfin molly	<i>Poecilia latipinna</i>	O	T
fathead minnow	<i>Pimephales promelas</i>	O	T	guppy	<i>Poecilia reticulata</i>	IF	T
bullhead minnow	<i>Pimephales vigilax</i>	IF		<b>Family Atherinidae</b>			
rudd	<i>Scardinius erythrophthalmus</i>	O	T	inland silverside	<i>Menidia beryllina</i>	IF	
<b>Family Catostomidae</b>				<b>Family Percichthyidae</b>			
river carpsucker	<i>Carpiodes carpio</i>	O	T	white bass	<i>Morone chrysops</i>	P	
blue sucker	<i>Cycleptus elongatus</i>	IF	T	<b>Family Centrarchidae</b>			
lake chubsucker	<i>Erimyzon sucetta</i>	O		redbreast sunfish	<i>Lepomis auritis</i>	IF	



### Fishes of the San Antonio River Basin (continued)

Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Centrarchidae (cont)</b>				<b>Family Sciaenidae</b>			
green sunfish	<i>Lepomis cyanellus</i>	P	T	freshwater drum	<i>Aplodinotus grunniens</i>	IF	T
warmouth	<i>Lepomis gulosus</i>	P	T	<b>Family Cichlidae</b>			
orangespotted sunfish	<i>Lepomis humilis</i>	IF		Rio Grande cichlid	<i>Cichlasoma cyanoguttatum</i>	IF	
bluegill	<i>Lepomis macrochirus</i>	IF	T	blue tilapia	<i>Tilapia aurea</i>	O	T
longear sunfish	<i>Lepomis megalotis</i>	IF		Mozambique tilapia	<i>Tilapia mossambica</i>	O	
reдеar sunfish	<i>Lepomis microlophus</i>	IF		redbelly tilapia	<i>Tilapia zilli</i>	O	
spotted sunfish	<i>Lepomis punctatus</i>	IF		<b>Family Mugilidae</b>			
smallmouth bass	<i>Micropterus dolomieu</i>	P	I	mountain mullet	<i>Agonostomus monticola</i>	O	
largemouth bass	<i>Micropterus salmoides</i>	P		striped mullet	<i>Mugil cephalus</i>	O	
Guadalupe bass	<i>Micropterus treculi</i>	P	I				
white crappie	<i>Pomoxis annularis</i>	P					
black crappie	<i>Pomoxis nigromaculatus</i>	P					
<b>Family Percidae</b>							
bluntnose darter	<i>Etheostoma chlorosomum</i>	IF					
slough darter	<i>Etheostoma gracile</i>	IF					
greenthroat darter	<i>Etheostoma lepidum</i>	IF	I				
orangethroat darter	<i>Etheostoma spectabile</i>	IF					
river darter	<i>Percina shumardi</i>	IF					

# Fishes of the Nueces River Basin (21)



Species list was compiled by the TPWD - River Studies Program Personnel using Hubbs *et al.* (1991) and Lee *et al.* (1980). Feeding groups and tolerance ratings are from Linam and Kleinsasser (1998). Feeding group designations are: IF - invertivore, P - piscivore, O - omnivore, and H - herbivore. Tolerance designations are: T - tolerant, I - intolerant. Species without a tolerance designation are considered intermediate.

Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Lepisosteidae</b>				<b>Family Ictaluridae (cont)</b>			
spotted gar	<i>Lepisosteus oculatus</i>	P	T	blue catfish	<i>Ictalurus furcatus</i>	P	
longnose gar	<i>Lepisosteus osseus</i>	P	T	headwater catfish	<i>Ictalurus lupus</i>	O	
alligator gar	<i>Lepisosteus spatula</i>	P	T	channel catfish	<i>Ictalurus punctatus</i>	O	T
<b>Family Anguillidae</b>				tadpole madtom	<i>Noturus gyrinus</i>	IF	I
American eel	<i>Anguilla rostrata</i>	P		flathead catfish	<i>Pylodictis olivaris</i>	P	
<b>Family Clupeidae</b>				<b>Family Cyprinodontidae</b>			
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	sheepshead minnow	<i>Cyprinodon variegatus</i>	O	T
threadfin shad	<i>Dorosoma petenense</i>	O		rainwater killifish	<i>Lucania parva</i>	IF	
<b>Family Cyprinidae</b>				<b>Family Poeciliidae</b>			
central stoneroller	<i>Campostoma anomalum</i>	H		western mosquitofish	<i>Gambusia affinis</i>	IF	T
goldfish	<i>Carassius auratus</i>	O	T	least killifish	<i>Poecilia formosa</i>	IF	
red shiner	<i>Cyprinella lutrensis</i>	IF	T	sailfin molly	<i>Poecilia latipinna</i>	O	T
blacktail shiner	<i>Cyprinella venusta</i>	IF		<b>Family Atherinidae</b>			
common carp	<i>Cyprinus carpio</i>	O	T	inland silverside	<i>Menidia beryllina</i>	IF	
roundnose minnow	<i>Dionda episcopa</i>	O	I	<b>Family Percichthyidae</b>			
speckled chub	<i>Macrhybopsis aestivalis</i>	IF		white bass	<i>Morone chrysops</i>	P	
golden shiner	<i>Notemigonus crysoleucas</i>	IF	T	<b>Family Centrarchidae</b>			
Texas shiner	<i>Notropis amabilis</i>	IF		redbreast sunfish	<i>Lepomis auritis</i>	IF	
ghost shiner	<i>Notropis buchanani</i>	IF		green sunfish	<i>Lepomis cyanellus</i>	P	T
weed shiner	<i>Notropis texanus</i>	IF		warmouth	<i>Lepomis gulosus</i>	P	T
mimic shiner	<i>Notropis volucellus</i>	IF	I	orangespotted sunfish	<i>Lepomis humilis</i>	IF	T
pugnose minnow	<i>Opsopoeodus emiliae</i>	IF		bluegill	<i>Lepomis macrochirus</i>	IF	T
fathead minnow	<i>Pimephales promelas</i>	O	T	longear sunfish	<i>Lepomis megalotis</i>	IF	
bullhead minnow	<i>Pimephales vigilax</i>	IF		redear sunfish	<i>Lepomis microlophus</i>	IF	
<b>Family Catostomidae</b>				spotted sunfish	<i>Lepomis punctatus</i>	IF	
river carpsucker	<i>Carpionodes carpio</i>	O	T	smallmouth bass	<i>Micropterus dolomieu</i>	P	I
blue sucker	<i>Cycleptus elongatus</i>	IF	I	largemouth bass	<i>Micropterus salmoides</i>	P	
smallmouth buffalo	<i>Ictiobus bubalus</i>	O		Guadalupe bass	<i>Micropterus treculi</i>	P	I
gray redhorse	<i>Moxostoma congestum</i>	IF		white crappie	<i>Pomoxis annularis</i>	P	
<b>Family Characidae</b>				black crappie	<i>Pomoxis nigromaculatus</i>	P	
Mexican tetra	<i>Astyanax mexicanus</i>	IF		<b>Family Percidae</b>			
<b>Family Ictaluridae</b>				slough darter	<i>Etheostoma gracile</i>	IF	
black bullhead	<i>Ameiurus melas</i>	O	T	greenthroat darter	<i>Etheostoma lepidum</i>	IF	I
yellow bullhead	<i>Ameiurus natalis</i>	O					

### Fishes of the Nueces River Basin (continued)

Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Sciaenidae</b>			
freshwater drum	<i>Aplodinotus grunniens</i>	IF	T
<b>Family Cichlidae</b>			
Rio Grande cichlid	<i>Cichlasoma cyanoguttatum</i>	IF	

# Fishes of the Rio Grande Basin (23)

Species list was compiled by the TPWD - River Studies Program Personnel using Hubbs *et al.* (1991) and Lee *et al.* (1980). Feeding groups and tolerance ratings are from Linam and Kleinsasser (1998). Feeding group designations are: IF - invertivore, P - piscivore, O - omnivore, and H - herbivore. Tolerance designations are: T - tolerant, I - intolerant. Species without a tolerance designation are considered intermediate.



Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Lepisosteidae</b>				<b>Family Catostomidae</b>			
spotted gar	<i>Lepisosteus oculatus</i>	P	T	river carpsucker	<i>Carpionodes carpio</i>	O	T
longnose gar	<i>Lepisosteus osseus</i>	P	T	blue sucker	<i>Cycleptus elongatus</i>	IF	I
alligator gar	<i>Lepisosteus spatula</i>	P	T	smallmouth buffalo	<i>Ictiobus bubalus</i>	O	
<b>Family Anguillidae</b>				black buffalo	<i>Ictiobus niger</i>	O	
American eel	<i>Anguilla rostrata</i>	P		west Mexican redhorse	<i>Moxostoma austrinum</i>	IF	
<b>Family Clupeidae</b>				gray redhorse	<i>Moxostoma congestum</i>	IF	
gizzard shad	<i>Dorosoma cepedianum</i>	O	T	<b>Family Characidae</b>			
threadfin shad	<i>Dorosoma petenense</i>	O		Mexican tetra	<i>Astyanax mexicanus</i>	IF	
<b>Family Cyprinidae</b>				<b>Family Ictaluridae</b>			
central stoneroller	<i>Campostoma anomalum</i>	H		black bullhead	<i>Ameiurus melas</i>	O	T
Mexican stoneroller	<i>Campostoma ornatum</i>	H		yellow bullhead	<i>Ameiurus natalis</i>	O	
goldfish	<i>Carassius auratus</i>	O	T	blue catfish	<i>Ictalurus furcatus</i>	P	
grass carp	<i>Ctenopharyngodon idella</i>	H	T	headwater catfish	<i>Ictalurus lupus</i>	O	
red shiner	<i>Cyprinella lutrensis</i>	IF	T	channel catfish	<i>Ictalurus punctatus</i>	O	T
proserpine shiner	<i>Cyprinella proserpina</i>	IF		flathead catfish	<i>Pylodictis olivaris</i>	P	
blacktail shiner	<i>Cyprinella venusta</i>	IF		<b>Family Cyprinodontidae</b>			
common carp	<i>Cyprinus carpio</i>	O	T	Leon Springs pupfish	<i>Cyprinodon bovinus</i>	O	
Devils River minnow	<i>Dionda diaboli</i>	IF	I	Comanche Springs pupfish	<i>Cyprinodon elegans</i>	O	
roundnose minnow	<i>Dionda episcopa</i>	O	I	Conchos pupfish	<i>Cyprinodon eximius</i>	O	
Rio Grande chub	<i>Gila pandora</i>	IF	I	Pecos River pupfish	<i>Cyprinodon pecosensis</i>	O	T
speckled chub	<i>Macrhybopsis aestivalis</i>	IF		sheepshead minnow	<i>Cyprinodon variegatus</i>	O	T
golden shiner	<i>Notemigonus crysoleucas</i>	IF	T	gulf killifish	<i>Fundulus grandis</i>	O	
Texas shiner	<i>Notropis amabilis</i>	IF		plains killifish	<i>Fundulus zebrinus</i>	IF	T
Tamaulipas shiner	<i>Notropis braytoni</i>	IF		rainwater killifish	<i>Lucania parva</i>	IF	
ghost shiner	<i>Notropis buechanani</i>	IF		<b>Family Poeciliidae</b>			
Chihuahua shiner	<i>Notropis chihuahua</i>	IF		western mosquitofish	<i>Gambusia affinis</i>	IF	T
Rio Grande shiner	<i>Notropis jemezianus</i>	IF		Big Bend gambusia	<i>Gambusia gaigei</i>	IF	
sand shiner	<i>Notropis stramineus</i>	IF		largespring gambusia	<i>Gambusia geiseri</i>	IF	
fathead minnow	<i>Pimephales promelas</i>	O	T	Pecos gambusia	<i>Gambusia nobilis</i>	IF	
bullhead minnow	<i>Pimephales vigilax</i>	IF		blotched gambusia	<i>Gambusia senilis</i>	IF	
longnose dace	<i>Rhinichthys cataractae</i>	IF		Amazon molly	<i>Poecilia formosa</i>	O	

### Fishes of the Rio Grande Basin (continued)

Common Name	Scientific Name	Feeding Group	Tolerance	Common Name	Scientific Name	Feeding Group	Tolerance
<b>Family Poeciliidae (cont)</b>				<b>Family Centrarchidae (cont)</b>			
sailfin molly	<i>Poecilia latipinna</i>	O	T	white crappie	<i>Pomoxis annularis</i>	P	
<b>Family Atherinidae</b>				black crappie	<i>Pomoxis nigromaculatus</i>	P	
inland silverside	<i>Menidia beryllina</i>	IF		<b>Family Percidae</b>			
rough silverside	<i>Membras martinica</i>	IF		slough darter	<i>Etheostoma gracile</i>	IF	
<b>Family Percichthyidae</b>				Rio Grande darter	<i>Etheostoma grahami</i>	IF	
white bass	<i>Morone chrysops</i>	P		yellow perch	<i>Perca flavescens</i>	P	
striped bass	<i>Morone saxatilis</i>	P		bigscale logperch	<i>Percina macrolepida</i>	IF	I
<b>Family Centrarchidae</b>				walleye	<i>Stizostedion vitreum</i>	P	
redbreast sunfish	<i>Lepomis auritus</i>	IF		<b>Family Sciaenidae</b>			
green sunfish	<i>Lepomis cyanellus</i>	P	T	freshwater drum	<i>Aplodinotus grunniens</i>	IF	T
warmouth	<i>Lepomis gulosus</i>	P	T	<b>Family Cichlidae</b>			
orangespotted sunfish	<i>Lepomis humilis</i>	IF		Rio Grande cichlid	<i>Cichlasoma cyanoguttatum</i>	IF	
bluegill	<i>Lepomis macrochirus</i>	IF	T	blue tilapia	<i>Tilapia aurea</i>	O	T
longear sunfish	<i>Lepomis megalotis</i>	IF		<b>Family Mugilidae</b>			
redeer sunfish	<i>Lepomis microlophus</i>	IF		mountain mullet	<i>Agonostomus monticola</i>	O	
spotted sunfish	<i>Lepomis punctatus</i>	IF		striped mullet	<i>Mugil cephalus</i>	O	
smallmouth bass	<i>Micropterus dolomieu</i>	P	I	<b>Family Ophichthidae</b>			
largemouth bass	<i>Micropterus salmoides</i>	P		speckled wom eel	<i>Myrophis punctatus</i>	P	