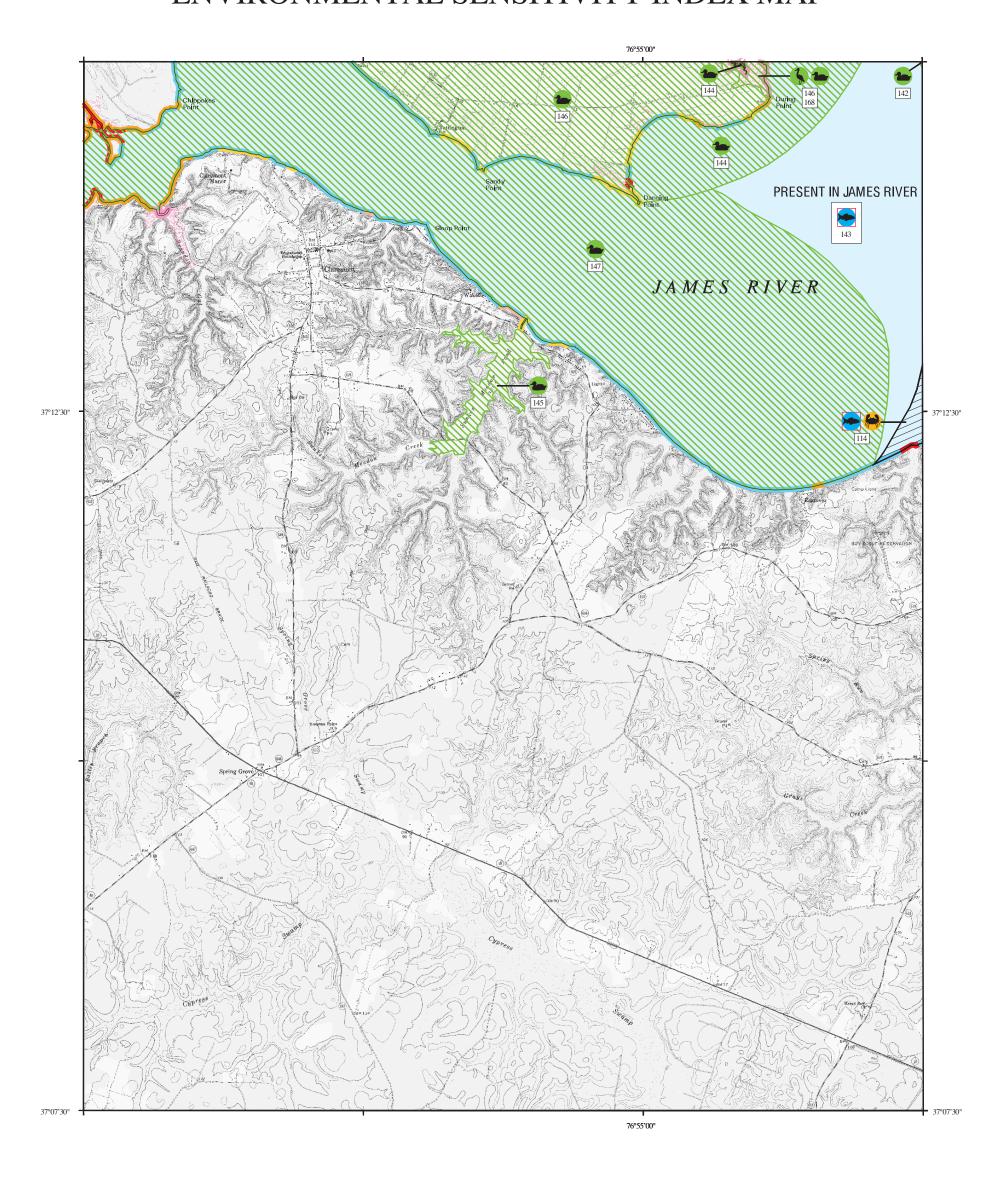
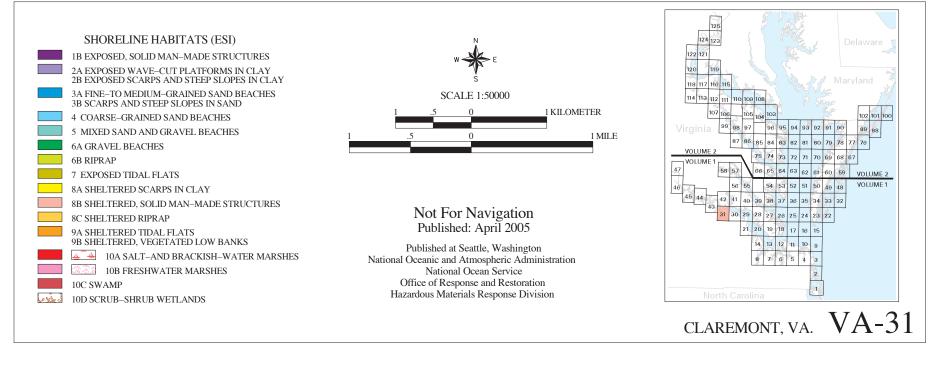
ENVIRONMENTAL SENSITIVITY INDEX MAP





Virginia: ESIMAP 31

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Hogchoker		American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish	C	X X X X X X X X X X X X X X X X X X X	X - - X - X MAR-JUL X - X APR-SEP - X MAR-MAY	- - - - - - -	- - - - - -	JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC	- FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC
Minnows		American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad	C	X X X X X X X X X X X X X X X X X X X	X - - X - X MAR-JUL X - X APR-SEP - X MAR-MAY X -	- - - - - - - -	- - - - - - -	JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC
Mumsichog		American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad	C	X X X X X X X X X X X X X X X X X X X	X - X - X - X MAR-JUL X - X APR-SEP - X MAR-MAY X -	- - - - - - - - -	- - - - - - -	JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC JAN-DEC MAR-SEP	- FEB-JUN - JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC - FEB-JUN
Silver perch		American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker	C	X X X X X X X X X X X X X X X X X X X	X	- - - - - - - - - MAY-SEP	- - - - - - - - MAY-SEP	JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC - FEB-JUN JAN-DEC
Spot		American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows	C	X X X X X X X X X X X X X X X X X X X	X	- - - - - - - - - MAY-SEP	- - - - - - - - MAY-SEP	JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-SEP JAN-DEC JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC FEB-JUN JAN-DEC JAN-DEC
Striped bass		American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog	C	X X X X X X X X X X X X X X X X X X X	X -	- - - - - - - - MAY-SEP	- - - - - - - - MAY-SEP	JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-SEP JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC	FEB-JUN JAN-DEC FEB-JUN JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC
White catfish		American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch	C	X X X X X X X X X X X X X X X X X X X	X -	- - - - - - - - MAY-SEP	- - - - - - - - MAY-SEP -	JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-SEP JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC	FEB-JUN JAN-DEC FEB-JUN JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC
White perch		American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass	C	X X X X X X X X X X X X X X X X X X X	X	- - - - - - - - MAY-SEP	- - - - - - - MAY-SEP - - DEC-APR	JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC APR-NOV	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC
Alewise		American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish	C	X X X X X X X X X X X X X X X X X X X	X -	- - - - - - - - MAY-SEP - -	- - - - - - - - MAY-SEP - - - DEC-APR	JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC
### American eel		American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish	C	X X X X X X X X X X X X X X X X X X X	X	- - - - - - - - MAY-SEP - -	- - - - - - - MAY-SEP - - DEC-APR	JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC
## American shad	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch	C	X X X X X X X X X X X X X X X X X X X	X X X MAR-JUL X X APR-SEP X MAR-MAY X X MAY-SEP X APR-AUG X APR-AUG X X APR-AUG X X MAY-JUN X	- - - - - - - - MAY-SEP - - - -	- - - - - - - MAY-SEP - - DEC-APR - -	JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC
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Atlantic sturgeon C	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch Alewife American eel	C	X X X X X X X X X X X X X X X X X X X	X	- - - - - - - - MAY-SEP - - - - -	- - - - - - - MAY-SEP - - DEC-APR - - -	JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-JUN JAN-DEC FEB-JUN - JAN-DEC JAN-DEC FEB-JUN
Banded killifish	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch Alewife American eel American shad	C	X X X X X X X X X X X X X X X X X X X	X -	- - - - - - - - MAY-SEP - - - - -		JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC FEB-OCT	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC FEB-JUN FEB-JUN FEB-JUN FEB-JUN FEB-JUN
Bluegill	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch Alewife American eel American shad Atlantic menhaden		X X X X X X X X X X X X X X X X X X X	X	- - - - - - - - MAY-SEP - - - - - - -		JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC FEB-OCT JAN-DEC FEB-OCT MAY-NOV	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN -
Channel catfish	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon		X X X X X X X X X X X X X X X X X X X	X -	- - - - - - - - MAY-SEP - - - - - - -		JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-JUN - FEB-JUN - APR-NOV
Sizzard shad	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring		X X X X X X X X X X X X X X X X X X X	X -		- - - - - - - - - - - DEC-APR - - - - - - - - - - - - - - - - - - -	JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC FEB-JUN APR-NOV JAN-DEC FEB-JUN FEB-JUN FEB-JUN FEB-JUN FEB-JUN FEB-JUN FEB-JUN
Hogchoker	114	American eel American shad Atlantic croaker Atlantic silverside Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill		X X X X X X X X X X X X X X X X X X X	X			JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC FEB-OCT	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-JUN APR-NOV JAN-DEC FEB-JUN APR-NOV JAN-DEC FEB-JUN JAN-DEC
Inland silverside	114	American eel American shad Atlantic croaker Atlantic silverside Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish		X X X X X X X X X X X X X X X X X X X	X -			JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC FEB-OCT JAN-DEC FEB-OCT MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN - APR-NOV JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC
Longnose gar	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch Alewife American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish Gizzard shad		X X X X X X X X X X X X X X X X X X X	X -	- - - - - - - - - - - - - - - - - - -		JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC FEB-OCT JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-JUN APR-NOV JAN-DEC FEB-JUN FEB-JUN FEB-JUN APR-NOV JAN-DEC
Minnows X X X X X X X X X X X X X X X X X X	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish Gizzard shad Hogchoker		X X X X X X X X X X X X X X X X X X X	X	- - - - - - - - - - - - - - - - - - -		JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-JUN APR-NOV JAN-DEC FEB-JUN FEB-JUN FEB-JUN APR-NOV JAN-DEC JAN-DEC FEB-JUN JAN-DEC FEB-JUN APR-NOV JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC
Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White catfish White perch Striped bass TNVERTEBRATE: RAR# Species Spe	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish Gizzard shad Hogchoker Inland silverside		X X X X X X X X X X X X X X X X X X X	X			JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC FEB-JUN APR-NOV JAN-DEC FEB-JUN JAN-DEC FEB-JUN JAN-DEC FEB-JUN JAN-DEC FEB-JUN JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC
Pumpkinsed Redbreast sunfish R	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish Gizzard shad Hogchoker Inland silverside Longnose gar		X X X X X X X X X X X X X X X X X X X	X -			JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC
Striped bass Tessellated darter Threadfin shad XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish Gizzard shad Hogchoker Inland silverside Longnose gar Minnows		X X X X X X X X X X X X X X X X X X X	X			JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-JUN - FEB-JUN - APR-NOV JAN-DEC FEB-JUN JAN-DEC
Tessellated darter Threadfin shad XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	114	American eel American shad Atlantic croaker Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish Gizzard shad Hogchoker Inland silverside Longnose gar Minnows Mummichog		X X X X X X X X X X X X X X X X X X X	X			JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-JUN APR-NOV JAN-DEC FEB-JUN APR-NOV JAN-DEC
Threadfin shad X X X X X X X X X X X X X X X X X X X	114	American eel American shad Atlantic croaker Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish Gizzard shad Hogchoker Inland silverside Longnose gar Minnows Mummichog Pumpkinseed		X X X X X X X X X X X X X X X X X X X	X			JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC
White catfish White perch XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	114	American eel American shad Atlantic croaker Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish Gizzard shad Hogchoker Inland silverside Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass		X X X X X X X X X X X X X X X X X X X	X			JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-JUN APR-NOV JAN-DEC FEB-JUN SAPR-NOV JAN-DEC FEB-JUN APR-NOV JAN-DEC
White catfish White perch XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish Gizzard shad Hogchoker Inland silverside Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter		X X X X X X X X X X X X X X X X X X X	X			JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC
White perch XXXXXXXXXXXXXX APR-JUN APR-JUN JAN-DEC JAN-DEC INVERTEBRATE: RAR# Species SF Conc. JF M A M J J A S O N D Spawning Eggs Larvae Juveniles Adults 114 Blue crab XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish Gizzard shad Hogchoker Inland silverside Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter		X X X X X X X X X X X X X X X X X X X	X			JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC
INVERTEBRATE: RAR# Species S F Conc. J F M A M J J A S O N D Spawning Eggs Larvae Juveniles Adults 114 Blue crab X X X X X X X X X X X X X X X X X X X	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish Gizzard shad Hogchoker Inland silverside Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad		X X X X X X X X X X X X X X X X X X X	X			JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC
RAR# Species S F Conc. J F M A M J J A S O N D Spawning Eggs Larvae Juveniles Adults 114 Blue crab X X X X X X X X X X X X X X X X X X X	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish Gizzard shad Hogchoker Inland silverside Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish		X X X X X X X X X X X X X X X X X X X	X			JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-JUN APR-NOV JAN-DEC FEB-JUN APR-NOV JAN-DEC FEB-MAY SEP-NOV JAN-DEC
114 Blue crab X X X X X X X X X X X X X X X X X X X	114	American eel American shad Atlantic croaker Atlantic menhaden Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish Gizzard shad Hogchoker Inland silverside Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish		X X X X X X X X X X X X X X X X X X X	X			JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-JUN APR-NOV JAN-DEC FEB-JUN APR-NOV JAN-DEC FEB-MAY SEP-NOV JAN-DEC
114 Blue crab X X X X X X X X X X X X X X X X X X X	114	American eel American shad Atlantic croaker Atlantic silverside Atlantic sturgeon Bay anchovy Blueback herring Channel catfish Gizzard shad Hickory shad Hogchoker Minnows Mummichog Silver perch Spot Striped bass Weakfish White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blueback herring Bluegill Channel catfish Gizzard shad Hogchoker Inland silverside Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White catfish White catfish		X X X X X X X X X X X X X X X X X X X	X			JAN-DEC FEB-OCT JAN-DEC MAY-NOV JAN-DEC	FEB-JUN JAN-DEC APR-NOV JAN-DEC FEB-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-JUN APR-NOV JAN-DEC FEB-JUN APR-NOV JAN-DEC FEB-MAY SEP-NOV JAN-DEC
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