



Virginia: ESIMAP 43

BIOLOGICAL RESOURCES:

В	IRD	:

	Species	S F Conc.	J F M A M J J A S O N D		Migrating	Molting		
	Dald and						_	
	Bald eagle	T T HIGH	XXXXXXXXXX	_	-	_		
14/	Bufflehead	MODERATE	X X X X X X X X		-	_		
	Canvasback	MODERATE	X X X X X X X X		-	-		
	Common goldeneye		X X X X X X X X X X		-	-		
	Mergansers	HIGH	X X X X X X X X X	-	-	-		
	Ring-necked duck	MODERATE	X X X X X X X X X X X X X X X X X X X	-	-	-		
	Ruddy duck	HIGH	X X X X X X X X X X X X X X X X X X X	-	-	-		
	Scaup	HIGH	X X X X X X X X X X X X X X X X X X X	-	_	_		
	Tundra swan	MODERATE	$X X X X \qquad X X X$	_	_	_		
69	American black duck	MODERATE	X X X X X X X X	_	_	_		
103				_				
	American wigeon	MODERATE	X X X X X X X X	_	_	_		
	Canada goose	VERY HIGH	X X X X X X X X	-	-	-		
	Gadwall	MODERATE	X X X X X X X X X	-	-	-		
	Green-winged teal	MODERATE	X X X X X X X X X	-	-	-		
	Mallard	HIGH	X X X X X X X X X X X X X X X X X X X	-	-	-		
	Northern pintail		X X X X X X X X X X X X X X X X X X X	_	-	-		
	Northern shoveler		X X X X X X X X X X X X X X X X X X X	_	-	-		
	Snow goose		$X X X X \qquad X X X$	_	_	_		
	Tundra swan	HIGH	X X X X X X X X	_	_	_		
U	Canada goose	VERY HIGH	X X X X X X X X X X X X X X X X X X X	_	_	_		
_	Tundra swan	HIGH	X X X X X X X X X	-	-	-		
	Great blue heron	3 NESTS	X X X X X X X X X X X X X		-	-		
	Great blue heron	6 NESTS	$ \begin{smallmatrix} X & X & X & X & X & X & X & X & X & X$	MAY-JUL	-	-		
1	Great blue heron	105 NESTS	$\times \times $	MAY-JUL	-	-		
2	Great egret	C 3 NESTS	X X X X X X X X X	MAY-JUL	-	-		
	Great egret	C 6 NESTS	X X X X X X X X X	MAY-JUL	-	-		
	-							
SH	: Species	S F Conc.	J F M A M J J A S O N D	Snawning	Faas	Larvae	Juveniles	Adults
-								
3	Alewife		X X X X X X X X X	-	-	_	FEB-OCT	FEB-JU
	American eel		$\times \times $	_	_	_	JAN-DEC	_
	American shad		XXXXXXXXX	_	_	FEB-JUN	FEB-OCT	FEB-J
						-		-
	Atlantic menhaden	2	XXXXXX		_		MAY-NOV	
	Atlantic sturgeon	С	X X X X X X X X X X X X X		-	-	JAN-DEC	APR-NO
	Banded killifish				-	-	JAN-DEC	JAN-D
	Blueback herring		X X X X X X X X X	-	-	-	FEB-OCT	FEB-J
	Bluegill		$ \begin{smallmatrix} X & X & X & X & X & X & X & X & X & X$	APR-SEP	-	-	-	JAN-D
	Channel catfish		$\times \times $	MAR-MAY	-	-	JAN-DEC	JAN-D
	Gizzard shad		X X X X X X X X X X X X X X	_	_	_	JAN-DEC	JAN-D
	Hogchoker		$X \times X \times X \times X \times X \times X \times X \times X$	_	_	_	JAN-DEC	-
	nogenoker		A A A A A A A A A A A		_	_		JAN-D
	Inland dilmandida		V V V V V V V V V V V V V V V V V V V				יים דוווד	
	Inland silverside		X X X X X X X X X X X X X		_	_	JAN-DEC	
	Longnose gar		$\times \times $	MAY-JUN	-	-	JAN-DEC	JAN-D
				MAY-JUN	-	- - -		JAN-D
	Longnose gar		$\times \times $	MAY-JUN APR-AUG	-	-	JAN-DEC	JAN-D
	Longnose gar Minnows		$\begin{smallmatrix} X & X & X & X & X & X & X & X & X & X $	MAY-JUN APR-AUG APR-AUG	-	-	JAN-DEC JAN-DEC	JAN-DI JAN-DI JAN-DI
	Longnose gar Minnows Mummichog Pumpkinseed		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	MAY-JUN APR-AUG APR-AUG MAR-JUN	- - -	- - -	JAN-DEC JAN-DEC JAN-DEC JAN-DEC	JAN-D JAN-D JAN-D JAN-D
	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL	- - - -	- - - -	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC	JAN-D JAN-D JAN-D JAN-D JAN-D
	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	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN	- - - - - FEB-JUN	- - -	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT	JAN-D JAN-D JAN-D JAN-D JAN-D FEB-J
	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	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN	- - - - - FEB-JUN	- - - - - FEB-JUN	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT	JAN-D JAN-D JAN-D JAN-D JAN-D FEB-J JAN-D
	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	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN	- - - - - FEB-JUN	- - - -	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT	JAN-D JAN-D JAN-D JAN-D JAN-D FEB-J JAN-D FEB-M
	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	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN	- - - - - FEB-JUN - -	- - - - - FEB-JUN -	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT - JAN-DEC	JAN-D JAN-D JAN-D JAN-D JAN-D FEB-J JAN-D FEB-M SEP-N
	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	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN	- - - - - FEB-JUN - -	- - - - - FEB-JUN - -	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC TEB-OCT JAN-DEC JAN-DEC	JAN-D JAN-D JAN-D JAN-D JAN-D FEB-J JAN-D FEB-M SEP-N JAN-D
	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch		X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN	- - - - - FEB-JUN - -	- - - - - FEB-JUN -	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT - JAN-DEC	JAN-D JAN-D JAN-D JAN-D JAN-D FEB-J JAN-D FEB-M SEP-N JAN-D
1	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	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN	- - - - - FEB-JUN - -	- - - - - FEB-JUN - -	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC TEB-OCT JAN-DEC JAN-DEC	JAN-D JAN-D JAN-D JAN-D FEB-J JAN-D FEB-M SEP-N JAN-D
1	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch		X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN	- - - - FEB-JUN - - - - APR-JUN	- - - - FEB-JUN - - - APR-JUN	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC JAN-DEC JAN-DEC	JAN-D. JAN-D. JAN-D. JAN-D. JAN-D. FEB-J. JAN-D. FEB-M. SEP-N. JAN-D. JAN-D.
1	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife		X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN	- - - FEB-JUN - - - APR-JUN FEB-JUN	- - - - FEB-JUN - - - APR-JUN FEB-JUN	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT - JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC	JAN-D JAN-D JAN-D JAN-D FEB-J JAN-D FEB-M SEP-N JAN-D JAN-D FEB-M
1	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad		X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN	- - - FEB-JUN - - - APR-JUN FEB-JUN	- - - - FEB-JUN - - APR-JUN FEB-JUN	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT - JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT	JAN-D JAN-D JAN-D JAN-D JAN-D FEB-J JAN-D FEB-M SEP-N JAN-D JAN-D FEB-J FEB-J FEB-J
1	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad Atlantic menhaden	C	X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN		- - - - FEB-JUN - - APR-JUN FEB-JUN - FEB-JUN	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT - JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC	JAN-D. JAN-D. JAN-D. JAN-D. JAN-D. FEB-J. JAN-D. FEB-M. SEP-N. JAN-D. FEB-J.
1	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon	C	X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN - FEB-JUN	- - - FEB-JUN - - - APR-JUN FEB-JUN	- - - - FEB-JUN - - APR-JUN FEB-JUN - FEB-JUN	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT - JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC	JAN-D. JAN-D. JAN-D. JAN-D. JAN-D. JAN-D. FEB-J. JAN-D. JAN-D. JAN-D. JAN-D. FEB-J. FEB-J. APR-N
1	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish	C	X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN APR-SEP	- - - - FEB-JUN - - APR-JUN FEB-JUN - FEB-JUN	FEB-JUN FEB-JUN FEB-JUN	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC	JAN-D. JAN-D. JAN-D. JAN-D. JAN-D. JAN-D. FEB-J. JAN-D. JAN-D. JAN-D. FEB-J. FEB-J. APR-N. JAN-D. JAN-D.
1	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blue catfish	C	X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN APR-SEP APR-JUN	- - - - FEB-JUN - - APR-JUN FEB-JUN - FEB-JUN -	- - - FEB-JUN - - APR-JUN FEB-JUN - FEB-JUN - -	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC	JAN-D. JAN-D. JAN-D. JAN-D. JAN-D. FEB-J. JAN-D. FEB-J. APR-N. JAN-D.
L	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blue catfish Blueback herring	C	X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN APR-SEP APR-JUN		FEB-JUN FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN FEB-JUN	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC FEB-OCT MAY-NOV JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT	JAN-D JAN-D JAN-D JAN-D JAN-D JAN-D FEB-J JAN-D FEB-J FEB-J APR-N JAN-D JAN-D FEB-J FEB-J FEB-J FEB-J FEB-J
=	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blue catfish Blueback herring Bluegill	C	X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN APR-SEP APR-JUN	- - - - FEB-JUN - - APR-JUN FEB-JUN - FEB-JUN -	- - - FEB-JUN - - APR-JUN FEB-JUN - FEB-JUN - -	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC	JAN-D JAN-D JAN-D JAN-D JAN-D JAN-D FEB-J JAN-D FEB-J FEB-J APR-N JAN-D JAN-D FEB-J FEB-J FEB-J FEB-J FEB-J
	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blue catfish Blueback herring	C	X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN - FEB-JUN APR-SEP APR-JUN APR-SEP		FEB-JUN FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN - FEB-JUN FEB-JUN	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC FEB-OCT MAY-NOV JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT	JAN-D. JAN-D. JAN-D. JAN-D. JAN-D. JAN-D. FEB-J. JAN-D. FEB-J. APR-N. JAN-D.
L	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blue catfish Blueback herring Bluegill	C	X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN - FEB-JUN APR-SEP APR-JUN APR-SEP			JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC	JAN-D. JAN-D. JAN-D. JAN-D. JAN-D. FEB-J. JAN-D. FEB-J. FEB-J. FEB-J. APR-N. JAN-D.
1	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blue catfish Blueback herring Bluegill Channel catfish Gizzard shad	C	X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN APR-SEP APR-SEP MAR-MAY -			JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT MAY-NOV JAN-DEC	JAN - D: JAN - D: JAN - D: JAN - D: FEB - J: JAN - D: JAN - D: FEB - J: FEB - J: FEB - J: JAN - D:
1	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blue catfish Blueback herring Bluegill 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	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN - FEB-JUN APR-SEP APR-SEP MAR-MAY - FEB-JUN - FEB-JUN - APR-SEP MAR-MAY - FEB-JUN			JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT MAY-NOV JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT	JAN-D. JAN-D. JAN-D. JAN-D. JAN-D. FEB-J. JAN-D. FEB-M. JAN-D. FEB-J APR-N. JAN-D.
1	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blue catfish Blueback herring Bluegill 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	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN APR-SEP APR-JUN APR-SEP MAR-MAY - FEB-JUN - APR-SEP MAR-MAY - FEB-JUN -			JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT MAY-NOV JAN-DEC	JAN-D. JAN-D. JAN-D. JAN-D. JAN-D. FEB-J. JAN-D. FEB-J. JAN-D. FEB-J. APR-N. JAN-D.
l	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blue catfish Blueback herring Bluegill Channel catfish Gizzard shad Hickory shad Hogchoker Inland silverside	C	X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN APR-SEP APR-JUN - APR-SEP MAR-MAY FEB-JUN APR-SEP			JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC	JAN-D JAN-D JAN-D JAN-D JAN-D FEB-J JAN-D FEB-J APR-N JAN-D JAN-D FEB-J JAN-D JAN-D FEB-J JAN-D
1	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blue catfish Blueback herring Bluegill Channel catfish Gizzard shad Hickory shad Hogchoker Inland silverside Longnose gar	C	X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN APR-SEP APR-JUN APR-SEP APR-JUN APR-SEP MAR-MAY FEB-JUN APR-SEP			JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC FEB-OCT JAN-DEC	JAN-D JAN-D JAN-D JAN-D JAN-D FEB-J JAN-D FEB-J APR-N JAN-D
1	Longnose gar Minnows Mummichog Pumpkinseed Redbreast sunfish Striped bass Tessellated darter Threadfin shad White catfish White perch Alewife American eel American shad Atlantic menhaden Atlantic sturgeon Banded killifish Blue catfish Blueback herring Bluegill Channel catfish Gizzard shad Hickory shad Hogchoker Inland silverside Longnose gar Minnows	C	X X X X X X X X X X X X X X X X X X X	MAY-JUN APR-AUG APR-AUG MAR-JUN JUN-JUL FEB-JUN APR-JUN - MAY-JUN APR-JUN - FEB-JUN APR-SEP APR-JUN - APR-SEP MAR-MAY - FEB-JUN APR-SEP MAR-MAY APR-MAY MAY-JUN APR-AUG			JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC FEB-OCT JAN-DEC JAN-DEC FEB-OCT JAN-DEC FEB-OCT MAY-NOV JAN-DEC	JAN-D. JAN-D. JAN-D. JAN-D. JAN-D. FEB-J. JAN-D. JAN-D. FEB-J. APR-N. JAN-D.
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HUMAN USE RESOURCES:

White catfish

Blueback herring

White perch

MANAGEMENT AREA:

172 Alewife

 HUN#
 Name
 Contact
 Phone

 111
 KITTEWAN WILDLIFE MANAGEMENT AREA

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JAN-DEC JAN-DEC

FEB-JUN

FEB-JUN

JAN-DEC

JAN-DEC

WILDLIFE REFUGE:

HUN#NameContactPhone153JAMES RIVER NATIONAL WILDLIFE REFUGEU.S. FISH AND WILDLIFE SERVICE804/333-1470