

**Map 6C**  
**Long Island Sound**

**BIOLOGICAL RESOURCES**

Note: An asterisk (\*) indicates that life stage occurs in this range but not in all months included

DISPLAYED ON MAP

**BIRDS**

Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
				S	F		J	F	M	A	M	J	J	A	S	O	N	D				
15	Raptor	Bald eagle	General Distribution	T/T		Present													Feb-Aug	-	-	-
23	Wading	Least bittern	General Distribution	T/T		Present													Apr-Aug	Apr	Aug-Sep	-
25	Gull/Tern	Common tern	General Distribution	E/T		10S													May-Aug	-	-	-
	Passerine	Savannah sparrow	General Distribution	C/-		8													Mar-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		100S													Mar-Aug	Mar-Jun	Jul-Nov	-
	Shorebird	American oystercatcher	General Distribution	T/-		Present													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		5													Mar-Aug	-	-	-
26	Passerine	Purple martin	General Distribution	C/-		Present													Apr-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		5													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Great egret	General Distribution	T/-		Present													Mar-Aug	-	-	-
27	Raptor	Short-eared owl	General Distribution	T/E		Present													-	Oct-Apr	-	-
	Wading	Least bittern	General Distribution	T/T		Present													Apr-Aug	Apr	Aug-Sep	-
28	Raptor	Short-eared owl	General Distribution	T/E		Present													-	Oct-Apr	-	-
	Wading	Glossy ibis	General Distribution	C/-		10S													Mar-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		2													Mar-Aug	-	-	-
29	Raptor	Short-eared owl	General Distribution	T/E		Present													-	Oct-Apr	-	-
30	Raptor	Osprey	General Distribution	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Glossy ibis	General Distribution	C/-		Present													Mar-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		3													Mar-Aug	-	-	-
31	Raptor	Osprey	General Distribution	-/C		6													Mar-Aug	Mar-Jun	Jul-Nov	-
	Shorebird	Shorebirds	Migration			Present													-	Jan-Dec	-	-
	Wading	Glossy ibis	General Distribution	C/-		Present													Mar-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		8													Mar-Aug	-	-	-
	Wading	Little blue heron	General Distribution	C/-		2													Apr-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		7													Mar-Aug	-	-	-
	Wading	Wading birds	Concentration Area			Present													Jan-Dec	-	-	-
32	Gull/Tern	Common tern	General Distribution	E/T		2													May-Aug	-	-	-
	Gull/Tern	Least tern	General Distribution	T/T		7													Apr-Aug	-	-	-
	Passerine	Savannah sparrow	General Distribution	C/-		3													Mar-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		10S													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Glossy ibis	General Distribution	C/-		Present													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		4													Mar-Aug	-	-	-
33	Gull/Tern	Common tern	General Distribution	E/T		2													May-Aug	-	-	-
	Gull/Tern	Least tern	General Distribution	T/T		7													Apr-Aug	-	-	-
	Passerine	Savannah sparrow	General Distribution	C/-		3													Mar-Aug	-	-	-
	Passerine	Seaside sparrow	General Distribution	T/C		10S													May-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		10S													Mar-Aug	Mar-Jun	Jul-Nov	-

**BIRDS (continued)**

Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
				S	F		J	F	M	A	M	J	J	A	S	O	N	D				
	Wading	Glossy ibis	General Distribution	C/-		Present													Mar-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		10S													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		4													Mar-Aug	-	-	-
34	Gull/Tern	Common tern	General Distribution	E/T		4													May-Aug	-	-	-
	Passerine	Seaside sparrow	General Distribution	T/C		2													May-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		10S													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Great egret	General Distribution	T/-		4													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		3													Mar-Aug	-	-	-
35	Passerine	Seaside sparrow	General Distribution	T/C		10S													May-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		10S													Mar-Aug	-	-	-
36	Raptor	Osprey	General Distribution	-/C		2													Mar-Aug	Mar-Jun	Jul-Nov	-
37	Wading	Glossy ibis	General Distribution	C/-		10S													Mar-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		2													Mar-Aug	-	-	-
38	Passerine	Seaside sparrow	General Distribution	T/C		4													May-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		8													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Great egret	General Distribution	T/-		2													Mar-Aug	-	-	-
39	Shorebird	American oystercatcher	General Distribution	T/-		2													Mar-Aug	-	-	-
	Wading	Glossy ibis	General Distribution	C/-		Present													Mar-Aug	-	-	-
40	Wading	Glossy ibis	General Distribution	C/-		Present													Mar-Aug	-	-	-
41	Passerine	Savannah sparrow	General Distribution	C/-		Present													Mar-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		3													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Glossy ibis	General Distribution	C/-		3													Mar-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		3													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		5													Mar-Aug	-	-	-

**FISH**

Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
429	Diadromous	American eel	Nursery Area			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
445	Diadromous	Alewife	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
	Diadromous	American eel	Nursery Area			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
448	Diadromous	Alewife	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
453	Diadromous	Alewife	Spawning Area			Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
479	Diadromous	Alewife	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
	Diadromous	American eel	Nursery Area			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	Diadromous	Blueback herring	Nursery Area	C/-		Common													May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov
493	Estuarine Nursery	Winter flounder	Nursery Area			Common													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
508	Diadromous	Alewife	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
	Diadromous	American eel	Nursery Area			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	Diadromous	Blueback herring	Nursery Area	C/-		Common													May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov
	Estuarine Resident	Atlantic silverside	Nursery Area			Abundant													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Estuarine Resident	Striped killifish	Nursery Area			Abundant													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Marine Benthic	Tautog	Nursery Area			Common													Apr-Sep	Apr-Sep	May-Sep	Apr-Nov	Apr-Nov
509	Estuarine Resident	Atlantic silverside	Nursery Area			Abundant													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec

**FISH (continued)**

Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
510	Estuarine Resident	Striped killifish	Nursery Area			Abundant													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Marine Benthic	Tautog	Nursery Area			Common													Apr-Sep	Apr-Sep	May-Sep	Apr-Nov	Apr-Nov
	Diadromous	Alewife	Migration			Abundant													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
	Diadromous	American eel	Migration			Abundant													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	Diadromous	American shad	Migration			Abundant													May-Jul	May-Jul	May-Aug	Jun-Nov	Apr-Jul
	Diadromous	Blueback herring	Migration	C/-		Abundant													May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov
	Diadromous	Hickory shad	Migration			Common													Jun-Aug	Jun-Aug	Jun-Aug	Jul-Nov	Jun-Nov
	Diadromous	Sea lamprey	Migration			Common													May-Jun	May-Jun	Jan-Dec	Apr-Jul	Apr-Jul
	Diadromous	Shortnose sturgeon	Vulnerable Occurrence	E/E	E	Rare													-	-	-	Nov-May	Nov-May
	Diadromous	Striped bass	Migration			Common													-	-	-	Apr-Nov	Apr-Nov
511	Estuarine Nursery	Scup	Nursery Area			Uncommon													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
	Estuarine Nursery	White perch	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Aug	Jan-Dec	Jan-Dec
	Estuarine Resident	Inland silverside	Nursery Area			Common													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Estuarine Resident	Sheepshead minnow	Nursery Area			Common													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
	Marine Benthic	Atlantic tomcod	Nursery Area			Common													Nov-Feb	Nov-Mar	Dec-May	Sep-May	Sep-May
	Diadromous	Alewife	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
	Diadromous	American eel	Nursery Area			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	Diadromous	Blueback herring	Nursery Area	C/-		Common													May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov
	Estuarine Nursery	Atlantic menhaden	Nursery Area			Common													May-Oct	May-Oct	May-Nov	Apr-Nov	Apr-Nov
	Estuarine Nursery	Winter flounder	Nursery Area			Common													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
512	Estuarine Resident	Striped killifish	Nursery Area			Common													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Estuarine Resident	Striped killifish	Nursery Area			Common													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
513	Estuarine Nursery	Atlantic menhaden	Nursery Area			Common													May-Oct	May-Oct	May-Nov	Apr-Nov	Apr-Nov
	Estuarine Resident	Striped killifish	Nursery Area			Common													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
514	Estuarine Nursery	Atlantic menhaden	Nursery Area			Common													May-Oct	May-Oct	May-Nov	Apr-Nov	Apr-Nov
515	Diadromous	Alewife	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
	Estuarine Resident	Striped killifish	Nursery Area			Abundant													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
516	Marine Benthic	Tautog	Nursery Area			Uncommon													Apr-Sep	Apr-Sep	May-Sep	Apr-Nov	Apr-Nov

**HABITATS & RARE PLANTS**

Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
756	Plant	Eastern grasswort	Vulnerable Occurrence	C/T		Present													-	-	-	-	-
773	Plant	Seaside sandplant	Vulnerable Occurrence	C/-		Present													-	-	-	-	-
785	Plant	Cosmopolitan bulrush	Vulnerable Occurrence	C/-		Present													-	-	-	-	-
	Plant	Eastern grasswort	Vulnerable Occurrence	C/T		Present													-	-	-	-	-
	Plant	Giant orchid	Vulnerable Occurrence			Present													-	-	-	-	-
	Plant	Saltmarsh bulrush	Vulnerable Occurrence	C/-		Present													-	-	-	-	-
	Plant	Water pygmyweed	Vulnerable Occurrence	E/-		Present													-	-	-	-	-
786	Plant	Eastern grasswort	Vulnerable Occurrence	C/T		Present													-	-	-	-	-
	Plant	Water pygmyweed	Vulnerable Occurrence	E/-		Present													-	-	-	-	-
796	FAV	Featherfoil	Vulnerable Occurrence	C/T		Present													-	-	-	-	-
	Plant	Drumheads	Vulnerable Occurrence	E/-		Present													-	-	-	-	-
797	Plant	New Eng. blazing star	Vulnerable Occurrence	C/T		Present													-	-	-	-	-

## HABITATS & RARE PLANTS (continued)

Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence											
				S	F		J	F	M	A	M	J	J	A	S	O	N	D
798	Wetland	Sea pink	Vulnerable Occurrence	E/T		Present												-
799	Plant	Water pygmyweed	Vulnerable Occurrence	E/-		Present												-

## REPTILES & AMPHIBIANS

Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Nest	Hatch	Internest	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
962	Turtle	Diamondback terrapin	Vulnerable Occurrence	C/-		Present													Jun-Jul	Aug-Oct	-	Jan-Dec	Jan-Dec

## INVERTEBRATES







Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
987	Bivalve	Eastern oyster	Concentration Area			Present													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
994	Insect	Rare insect	Vulnerable Occurrence			Present													-	-	-	-	Jan-Dec

## TERRESTRIAL MAMMALS

Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Nest	Hatch	Internest	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
1051	Bat	Eastern red bat	Vulnerable Occurrence	C/-		Present													-	-	-	-	-
1052	Bat	Hoary bat	Vulnerable Occurrence	C/-		Present													-	-	-	-	-


## WIDESPREAD IN MAPPED AREA ( > 10 SQUARE KILOMETERS )

## BIRDS




	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt	
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
	Diving	Common loon	General Distribution	C/C		6													-	-	-	-	-
	Gull/Tern	Common tern	General Distribution	E/T		Present													May-Aug	-	-	-	-
		Common tern	Nesting	E/T		Abundant													May-Aug	-	-	-	-
		Least tern	General Distribution	T/T		Present													Apr-Aug	-	-	-	-
		Least tern	Nesting	T/T		Abundant													Apr-Aug	-	-	-	-
		Roseate tern	General Distribution	E/E	E	Present													May-Aug	-	-	-	-
	Passerine	Saltmarsh sparrow	Concentration Area			Present													May-Aug	-	-	-	-
		Seaside sparrow	General Distribution	T/C		Present													May-Aug	-	-	-	-
	Raptor	Bald eagle	Nesting	T/T		Present													Feb-Aug	-	-	-	-
		Osprey	Nesting	-/C		Common													Mar-Aug	Mar-Jun	Jul-Nov	-	-
	Shorebird	American oystercatcher	Nesting	T/-		Present													Mar-Aug	-	-	-	-
		Piping plover	General Distribution	T/E	T	Present													Mar-Aug	-	-	-	-
		Piping plover	Nesting	T/E	T	Present													Mar-Aug	-	-	-	-
		Red knot	Migration		T	Present													-	May-Jun	Sep-Nov	-	-
		Semipalmated sandpiper	Migration			Present													-	-	Jul-Oct	-	-
		Shorebirds	Migration			Abundant													-	Jan-Dec	-	-	-
		Willet	Concentration Area			Present													Apr-Aug	-	-	-	-
	Wading	American bittern	Wintering	E/C		Present													Mar-Aug	-	-	-	-
		Black rail	Concentration Area			Low													-	-	-	-	-





# BIRDS (continued)

Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt	
			S	F		J	F	M	A	M	J	J	A	S	O	N	D					
	Clapper rail	Concentration Area			Present													Mar-Aug	-	-	-	-
	Least bittern	Wintering	T/T		Present													Apr-Aug	Apr	Aug-Sep	-	-
	Little blue heron	General Distribution	C/-		Present													Apr-Aug	-	-	-	-
	Snowy egret	General Distribution	T/-		Present													Mar-Aug	-	-	-	-
	Sora	Concentration Area			Migration													-	-	Sep-Oct	-	-
	Virginia rail	Concentration Area			Migration													Mar-Aug	-	-	-	-
 Waterfowl	Dabbling ducks	Concentration Area			Abundant													-	Jan-Dec	-	-	-
	Diving ducks	Concentration Area			Present													-	-	-	-	-


# FISH

Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
			S	F		J	F	M	A	M	J	J	A	S	O	N	D					
 Diadromous	Alewife	Migration			Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
	Alewife	Nursery Area			Common													Mar-Jun	Mar-Jun	Mar-Jun	Mar-Oct	Mar-Oct
	American eel	Migration			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	American shad	Nursery Area			Common													May-Jul	May-Jul	May-Aug	Jun-Nov	Apr-Jul
	American shad	Nursery Area			Abundant													May-Jul	May-Jul	May-Aug	Jun-Nov	Apr-Jul
	Atlantic sturgeon	Vulnerable Occurrence	E/-	E	Rare													May-Jun	May-Jun	May-Jun	Jan-Dec	Jan-Dec
	Blueback herring	Migration	C/-		Common													May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov
	Striped bass	Concentration Area			Common													-	-	-	Jan-Dec	Jan-Dec
	Striped bass	Nursery Area			Common													-	-	-	Jan-Dec	Jan-Dec
 Estuarine Nursery	Atlantic herring	Nursery Area			Common													-	-	Mar-May	Jan-Dec	Jan-Dec
	Atlantic menhaden	Nursery Area			Abundant													May-Oct	May-Oct	May-Nov	Apr-Nov	Apr-Nov
	Bay anchovy	Nursery Area			Common													May-Sep	May-Sep	May-Nov	Jan-Dec	Jan-Dec
	Black sea bass	Nursery Area			Common													-	-	-	Jan-Dec	Jan-Dec
	Bluefish	Concentration Area			Common													Jun-Sep	Jun-Sep	Jun-Sep	Jun-Nov	Apr-Nov
	Bluefish	Nursery Area			Common													-	-	-	Jun-Oct	Jun-Oct
	Bluefish	Nursery Area			Common													Jun-Sep	Jun-Sep	Jun-Sep	Jun-Nov	Apr-Nov
	Hogchoker	Nursery Area			Common													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Northern kingfish	Nursery Area			Common													Jun-Sep	Jun-Sep	Jun-Sep	Apr-Nov	Apr-Nov
	Scup	Nursery Area			Common													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
	Scup	Nursery Area			Abundant													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
	Summer flounder	Concentration Area			Common													-	-	-	Mar-Nov	Mar-Nov
	Summer flounder	Nursery Area			Common													-	-	-	Mar-Nov	Mar-Nov
	Weakfish	Nursery Area			Abundant													May-Sep	May-Sep	May-Sep	Jul-Nov	May-Nov
	Weakfish	Nursery Area			Common													May-Sep	May-Sep	May-Sep	Jul-Nov	May-Nov
	Windowpane	Nursery Area			Abundant													Apr-Oct	Apr-Oct	May-Nov	Jan-Dec	Jan-Dec
	Windowpane	Nursery Area			Common													Apr-Oct	Apr-Oct	May-Nov	Jan-Dec	Jan-Dec
	Winter flounder	Concentration Area			Abundant													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
	Winter flounder	Nursery Area			Abundant													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
 Estuarine Resident	Atlantic silverside	Nursery Area			Common													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Grubby	Nursery Area			Common													Dec-Apr	Dec-Apr	Jan-May	Jan-Dec	Jan-Dec
	Mummichog	Nursery Area			Common													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Northern pipefish	Nursery Area			Common													Apr-Aug	-	May-Sep	Jan-Dec	Jan-Dec


## FISH (continued)

Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
			S	F		J	F	M	A	M	J	J	A	S	O	N	D					
	Marine Benthic	Atlantic tomcod			Nursery Area	Common												Nov-Feb	Nov-Mar	Dec-May	Jan-Dec	Jan-Dec
		Little skate			Nursery Area	Abundant												Jan-Dec	Jan-Dec	-	Jan-Dec	Jan-Dec
		Northern searobin			Nursery Area	Common												May-Sep	May-Sep	May-Sep	Apr-Nov	Apr-Nov
		Red hake			Nursery Area	Common												-	-	-	Mar-Nov	Mar-Nov
		Silver hake			Nursery Area	Common												-	-	May-Oct	Mar-Nov	Mar-Nov
		Smooth dogfish			Nursery Area	Common												-	-	-	May-Oct	May-Oct
		Spotted hake			Nursery Area	Common												-	-	-	Mar-Nov	Mar-Nov
		Striped searobin			Nursery Area	Common												May-Sep	May-Sep	May-Sep	Apr-Nov	Apr-Nov
		Tautog			Nursery Area	Common												Apr-Sep	Apr-Sep	May-Sep	Jan-Dec	Jan-Dec
	Marine Pelagic	Atlantic mackerel			Nursery Area	Common												Apr-Jun	Apr-Jun	Apr-Jun	Apr-Nov	Apr-Nov
		Butterfish			Nursery Area	Common												May-Aug	May-Aug	May-Oct	May-Dec	May-Dec
		Butterfish			Nursery Area	Abundant												May-Aug	May-Aug	May-Oct	May-Dec	May-Dec



## REPTILES & AMPHIBIANS

Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Nest	Hatch	Internest	Juveniles	Adults
			S	F		J	F	M	A	M	J	J	A	S	O	N	D					
	Turtle	Green sea turtle			General Distribution	Present												-	-	-	Jun-Nov	-
		K. ridley sea turtle			General Distribution	Present												-	-	-	Jun-Nov	-
		Loggerhead sea turtle			General Distribution	Present												-	-	-	Jun-Nov	-

## INVERTEBRATES

Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
			S	F		J	F	M	A	M	J	J	A	S	O	N	D					
	Lobster	American lobster			Nursery Area	Common												Jun-Nov	Jan-Dec	May-Aug	Jan-Dec	Jan-Dec

## MARINE MAMMALS






				CT/NY		Monthly Presence																			
	Subelement	Species	Mapping Qualifier	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molt			
	Dolphin	Harbor porpoise	General Distribution	C/C		Present	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	-	-	-	-	-		
	Whale	N.A. right whale	General Distribution	-/E	E	Present	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	-	-	-	-	-		

## ALSO PRESENT IN MAPPED AREA (GENERAL DISTRIBUTION)

## BIRDS


Subelement	Species	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
		J	F	M	A	M	J	J	A	S	O	N	D				
	Alcid	Razorbill												-	-	-	-
	Diving	D. crested cormorant												Mar-Aug	-	-	-
		Horned grebe												-	-	-	-
		Red-throated loon												-	-	-	-
	Gull/Tern	Bonaparte's gull												-	-	-	-
		G. black-backed gull												Mar-Aug	-	-	-
		Herring gull												Mar-Aug	-	-	-
		Ring-billed gull												-	-	-	-

**BIRDS (continued)**




	<b>Subelement</b>	<b>Species</b>	<b>Monthly Presence</b>												<b>Nest</b>	<b>Mig.(S)</b>	<b>Mig.(F)</b>	<b>Molt</b>
			<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>				
	Landfowl	Wild turkey													Mar-Nov	-	-	-
	Passerine	Acadian flycatcher													Jun-Jul	May-Jun	Aug-Sep	-
		American crow													Mar-Aug	-	-	-
		American goldfinch													Mar-Aug	-	-	-
		American robin													Mar-Aug	-	-	-
		Baltimore oriole													Apr-Aug	-	-	-
		Barn Swallow													Apr-Aug	-	-	-
		Black-capped chickadee													Mar-Aug	-	-	-
		Blue jay													Apr-Aug	Mar-May	Sep-Oct	-
		Brown-headed cowbird													Mar-Aug	-	-	-
		Chimney swift													Jun-Jul	Apr-May	Aug-Sep	-
		Chipping sparrow													Mar-Aug	-	-	-
		Common grackle													Mar-Aug	-	-	-
		Common yellowthroat													Apr-Aug	-	-	-
		Eastern phoebe													May-Jul	Apr-May	Sep-Nov	-
		Eastern towhee													Mar-Aug	-	-	-
		European starling													Mar-Aug	-	-	-
		Fish crow													Mar-Aug	-	-	-
		Gray catbird													Mar-Aug	-	-	-
		House finch													Mar-Aug	-	-	-
		House sparrow													Mar-Aug	-	-	-
		Marsh wren													Apr-Aug	-	-	-
		Mourning dove													Mar-Aug	-	-	-
		N. r.-winged swallow													Apr-Aug	-	-	-
		Nelson's sparrow													-	-	Sep-Nov	-
		Northern cardinal													Mar-Aug	-	-	-
		Northern mockingbird													Mar-Aug	-	-	-
		Red-winged blackbird													Mar-Aug	-	-	-
		Saltmarsh sparrow													May-Aug	-	-	-
		Song sparrow													Mar-Aug	-	-	-
		Swamp sparrow													Mar-Aug	-	-	-
		Tree swallow													Mar-Aug	-	-	-
		Warbling vireo													Apr-Aug	-	-	-
		WB nuthatch													Apr-Jun	-	-	-
		Willow flycatcher													May-Aug	-	-	-
		Yellow warbler													Apr-Aug	-	-	-
	Pelagic	Black-legged kittiwake													-	-	-	-
		Northern gannet													-	-	-	-
	Shorebird	Black-bellied plover													-	Aug-May	-	-
		Greater yellowlegs													-	May-Jun	Sep-Oct	-
		Least sandpiper													-	Apr-Jun	Aug-Oct	-
		Willet													Apr-Aug	-	-	-
	Wading	BC night-heron													Mar-Aug	-	-	-
		Clapper rail													Mar-Aug	-	-	-






## BIRDS (continued)

Subelement	Species	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
		J	F	M	A	M	J	J	A	S	O	N	D				
 Waterfowl	Great blue heron													Mar-Aug	-	-	-
	Virginia rail													Mar-Aug	-	-	-
	American black duck													Apr-May	Mar-Apr	Sep-Nov	-
	Atlantic Brant													-	-	Oct-Nov	-
	Blue-winged teal													-	Mar-May	Sep-Nov	-
	Bufflehead													-	Oct-Jun	-	-
	Canada goose													Mar-Aug	Jan-Dec	-	-
	Common eider													Sep-May	-	-	-
	Common goldeneye													-	Nov-Apr	-	-
	Common merganser													-	-	-	-
	Gadwall													Jan-Dec	-	-	-
	Greater scaup													-	-	-	-
	Green-winged teal													-	Mar-Apr	Sep-Oct	-
	Lesser scaup													-	-	-	-
	Mallard													Mar-Aug	-	-	-
	Mute swan													Mar-Sep	-	-	-
	Red-breasted merganser													-	-	-	-
	Surf scoter													-	-	-	-


## FISH

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
 Diadromous	Gizzard shad													Apr-Jun	Apr-Jun	Apr-Jun	Jan-Dec	Jan-Dec
 Freshwater	Channel catfish													May-Jul	May-Jul	Jun-Aug	Jan-Dec	Jan-Dec
	Common carp													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Golden shiner													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Largemouth bass													May-Jul	May-Jul	May-Jul	Jan-Dec	Jan-Dec
	Pumpkinseed													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Redbreast sunfish													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Rock bass													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Smallmouth bass													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Spottail shiner													Jun-Jul	Jun-Jul	Jun-Aug	Jan-Dec	Jan-Dec
	White catfish													May-Jul	May-Jul	Jun-Aug	Jan-Dec	Jan-Dec
	White sucker													Apr-May	Apr-Jun	Apr-Jun	Jan-Dec	Jan-Dec
 Marine Benthic	Yellow perch													Mar-May	Mar-May	Mar-Aug	Jan-Dec	Jan-Dec
	American sand lance													Nov-Mar	Nov-Mar	Dec-Jun	Jan-Dec	Jan-Dec



## INVERTEBRATES

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
 Bivalve	Northern quahog													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Ribbed mussel													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
 Cephalopod	Longfin squid													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
 Crab	Atlantic rock crab													May-Oct	Jan-Dec	May-Oct	Jan-Dec	Jan-Dec

## INVERTEBRATES (continued)

<i>Subelement</i>	<i>Species</i>	<i>Monthly Presence</i>												<i>Spawn</i>	<i>Eggs</i>	<i>Larvae</i>	<i>Juveniles</i>	<i>Adults</i>
		<i>J</i>	<i>F</i>	<i>M</i>	<i>A</i>	<i>M</i>	<i>J</i>	<i>J</i>	<i>A</i>	<i>S</i>	<i>O</i>	<i>N</i>	<i>D</i>					
	Blue crab													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
	Fiddler crab													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Horseshoe crab													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec
 Shrimp	Grass shrimp													May-Oct	May-Oct	May-Oct	May-Oct	Jan-Dec







## MARINE MAMMALS

<i>Subelement</i>	<i>Species</i>	<i>Monthly Presence</i>												<i>Mating</i>	<i>Calving</i>	<i>Pupping</i>	<i>Molt</i>
		<i>J</i>	<i>F</i>	<i>M</i>	<i>A</i>	<i>M</i>	<i>J</i>	<i>J</i>	<i>A</i>	<i>S</i>	<i>O</i>	<i>N</i>	<i>D</i>				
 Dolphin	Bottlenose dolphin													-	-	-	-
 Pinniped	Gray seal													-	-	-	-
	Harbor seal													-	-	-	-




















For additional information about species locations and extent, reference the underlying GIS data available from [response.restoration.noaa.gov](https://response.restoration.noaa.gov)

## SHORELINE RESOURCES

### ESI POLYGON HABITAT TYPES

	<i>ESI Rank</i>	<i>Habitat Classification</i>	<i>Area (Acres)</i>	<i>Area (Sq. Miles)</i>
	10A	Salt and Brackish Water Marshes	1,939.47	3.03
	10B	Freshwater Marshes	32.06	0.05
	10C	Swamps	160.16	0.25
	10D	Scrub and Shrub Wetlands	74.87	0.12
	9A	Sheltered Tidal Flats	13.56	0.02
	7	Exposed Tidal Flats	95.57	0.15

### ESI SHORELINE HABITAT TYPES

	<i>ESI Rank</i>	<i>Shoreline Habitat Classification</i>	<i>Length (Meters)</i>	<i>Length (Miles)</i>	<i>% of ESI Shoreline</i>
	10A	Salt and Brackish Water Marshes	138,310.45	85.94	59%
	10B	Freshwater Marshes	265.71	0.17	< 1%
	10C	Swamps	192.32	0.12	< 1%
	10D	Scrub and Shrub Wetlands	182.43	0.11	< 1%
	9A	Sheltered Tidal Flats	699.80	0.43	< 1%
	9B	Vegetated Low Banks	53,415.00	33.19	23%
	8A	Sheltered, Impermeable, Rocky Shores	385.37	0.24	< 1%
	8B	Sheltered, Solid Man-Made Structures	7,750.03	4.82	3%
	8C	Sheltered Riprap	1,595.78	0.99	1%
	7	Exposed Tidal Flats	3,802.23	2.36	2%
	6A	Gravel Beaches	570.37	0.35	< 1%
	6B	Riprap	7,394.47	4.59	3%
	5	Mixed Sand and Gravel Beaches	4,483.60	2.79	2%
	4	Coarse Grained Sand Beaches	5,220.52	3.24	2%
	3A	Fine to Medium Grained Sand Beaches	2,607.16	1.62	1%
	2A	Exposed, Wave-Cut Platforms (Bedrock/Mud/Clay)	46.85	0.03	< 1%
	2B	Exposed Scarps and Steep Slopes (Clay)	1,324.81	0.82	1%
	1A	Exposed, Rocky Shores	180.60	0.11	< 1%
	1B	Exposed, Solid Man-Made Structures	6,263.61	3.89	3%

Total ESI Shoreline:	234,691.10	Total ESI Shoreline:	145.83
Total Shoreline:	184,337.37	Total Shoreline:	114.54

Note: A shoreline segment may include multiple shoreline habitats. If any segments include multiple habitats, the combined length of all habitats may exceed the length of the mapped shoreline, and the percent of ESI shoreline values will sum to greater than 100%

All underlying GIS data can be obtained from [response.restoration.noaa.gov](https://response.restoration.noaa.gov)

