

Map 15D
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				
4	Passerine	Seaside sparrow	General Distribution	T/C		Present													May-Aug	-	-	-
29	Raptor	Short-eared owl	General Distribution	T/E		Present													-	Oct-Apr	-	-
99	Gull/Tern	Least tern	Nesting	T/T		Present													Apr-Aug	-	-	-
	Shorebird	American oystercatcher	Nesting	T/-		Present													Mar-Aug	-	-	-
	Shorebird	Piping plover	Nesting	T/E	T	Present													Mar-Aug	-	-	-
	Shorebird	Semipalmated sandpiper	Migration			Highly Abundant													-	-	Jul-Oct	-
100	Gull/Tern	Black tern	Concentration Area			Present													-	-	Jul-Sep	-
	Gull/Tern	Common tern	Concentration Area	E/T		Abundant													May-Aug	-	-	-
	Gull/Tern	Forster's tern	Concentration Area			Present													Apr-Aug	-	-	-
	Gull/Tern	Laughing gull	Concentration Area			Abundant													Apr-Aug	-	-	-
	Gull/Tern	Least tern	Nesting	T/T		Present													Apr-Aug	-	-	-
	Gull/Tern	Roseate tern	Concentration Area	E/E	E	Present													May-Aug	-	-	-
	Passerine	Seaside sparrow	General Distribution	T/C		Present													May-Aug	-	-	-
	Raptor	Short-eared owl	General Distribution	T/E		Present													-	Oct-Apr	-	-
	Shorebird	American oystercatcher	Nesting	T/-		Present													Mar-Aug	-	-	-
	Shorebird	Piping plover	Nesting	T/E	T	Present													Mar-Aug	-	-	-
	Shorebird	Red knot	Concentration Area		T	Abundant													-	May-Jun	Sep-Nov	-
	Shorebird	Semipalmated sandpiper	Migration			Highly Abundant													-	-	Jul-Oct	-
	Shorebird	Shorebirds	Migration			Highly Abundant													-	Jan-Dec	-	-
	Waterfowl	American black duck	Concentration Area			Abundant													Apr-May	Mar-Apr	Sep-Nov	-
	Waterfowl	American wigeon	Concentration Area			Present													-	-	-	-
	Waterfowl	Diving ducks	Concentration Area			Common													-	-	-	-
	Waterfowl	Goldeneye	Concentration Area			Common													-	Apr-May	Nov-Dec	-
	Waterfowl	Long-tailed duck	Concentration Area			Common													-	-	-	-
101	Gull/Tern	Black tern	Concentration Area			Present													-	-	Jul-Sep	-
	Gull/Tern	Common tern	Concentration Area	E/T		Abundant													May-Aug	-	-	-
	Gull/Tern	Forster's tern	Concentration Area			Present													Apr-Aug	-	-	-
	Gull/Tern	Laughing gull	Concentration Area			Abundant													Apr-Aug	-	-	-
	Gull/Tern	Least tern	Nesting	T/T		Present													Apr-Aug	-	-	-
	Gull/Tern	Roseate tern	Concentration Area	E/E	E	Present													May-Aug	-	-	-
	Shorebird	American oystercatcher	Nesting	T/-		Present													Mar-Aug	-	-	-
	Shorebird	Piping plover	Nesting	T/E	T	Present													Mar-Aug	-	-	-
	Shorebird	Red knot	Concentration Area		T	Abundant													-	May-Jun	Sep-Nov	-
	Shorebird	Semipalmated sandpiper	Migration			Highly Abundant													-	-	Jul-Oct	-
	Shorebird	Shorebirds	Migration			Highly Abundant													-	Jan-Dec	-	-
	Waterfowl	American black duck	Concentration Area			Abundant													Apr-May	Mar-Apr	Sep-Nov	-
	Waterfowl	American wigeon	Concentration Area			Present													-	-	-	-

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				
	Waterfowl	Diving ducks	Concentration Area			Common													-	-	-	-
	Waterfowl	Goldeneye	Concentration Area			Common													-	Apr-May	Nov-Dec	-
	Waterfowl	Long-tailed duck	Concentration Area			Common													-	-	-	-
102	Raptor	Osprey	Nesting	-/C		Common													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Egrets	Concentration Area			Present													Jan-Dec	-	-	-
	Wading	Heron	Concentration Area			Present													Jan-Dec	Jan-Dec	-	-
	Waterfowl	American wigeon	Concentration Area			Present													-	-	-	-
	Waterfowl	Dabbling ducks	Migration			Present													-	Jan-Dec	-	-
	Waterfowl	Green-winged teal	Concentration Area			Present													-	Mar-Apr	Sep-Oct	-
103	Gull/Tern	Least tern	General Distribution	T/T		Present													Apr-Aug	-	-	-
104	Gull/Tern	Least tern	General Distribution	T/T		Present													Apr-Aug	-	-	-
	Passerine	Purple martin	General Distribution	C/-		10S													Apr-Aug	-	-	-
	Passerine	Seaside sparrow	General Distribution	T/C		2													May-Aug	-	-	-
	Wading	Glossy ibis	General Distribution	C/-		Present													Mar-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		4													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		3													Mar-Aug	-	-	-
105	Gull/Tern	Black tern	Concentration Area			Present													-	-	Jul-Sep	-
	Gull/Tern	Common tern	Concentration Area	E/T		Abundant													May-Aug	-	-	-
	Gull/Tern	Forster's tern	Concentration Area			Present													Apr-Aug	-	-	-
	Gull/Tern	Laughing gull	Concentration Area			Abundant													Apr-Aug	-	-	-
	Gull/Tern	Roseate tern	Concentration Area	E/E	E	Present													May-Aug	-	-	-
	Passerine	Seaside sparrow	General Distribution	T/C		Present													May-Aug	-	-	-
	Raptor	Short-eared owl	General Distribution	T/E		Present													-	Oct-Apr	-	-
	Shorebird	Red knot	Concentration Area		T	Abundant													-	May-Jun	Sep-Nov	-
	Shorebird	Shorebirds	Migration			Highly Abundant													-	Jan-Dec	-	-
	Waterfowl	American black duck	Concentration Area			Abundant													Apr-May	Mar-Apr	Sep-Nov	-
	Waterfowl	American wigeon	Concentration Area			Present													-	-	-	-
	Waterfowl	Diving ducks	Concentration Area			Common													-	-	-	-
	Waterfowl	Goldeneye	Concentration Area			Common													-	Apr-May	Nov-Dec	-
	Waterfowl	Long-tailed duck	Concentration Area			Common													-	-	-	-
106	Wading	Little blue heron	General Distribution	C/-		Present													Apr-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		3													Mar-Aug	-	-	-
	Wading	YC night-heron	General Distribution	C/-		4													Mar-Aug	-	-	-
107	Passerine	Savannah sparrow	General Distribution	C/-		Present													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		Present													Mar-Aug	-	-	-
108	Raptor	Osprey	General Distribution	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Great egret	General Distribution	T/-		Present													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		Present													Mar-Aug	-	-	-
109	Diving	Horned grebe	Concentration Area			Present													-	-	-	-
	Diving	Loons	Concentration Area			Present													-	Apr-May	Oct-Nov	-
	Passerine	Saltmarsh sparrow	Nesting			Present													May-Aug	-	-	-
	Passerine	Seaside sparrow	Nesting	T/C		Present													May-Aug	-	-	-
	Shorebird	Dunlin	Wintering			Present													-	Apr-May	Oct-Nov	-
	Shorebird	Sanderling	Wintering			Present													-	Sep-Jun	-	-

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	Clapper rail	Nesting			Present													Mar-Aug	-	-	-
	Wading	Wading birds	Concentration Area			Present													Jan-Dec	-	-	-
	Waterfowl	American black duck	Wintering			Present													Apr-May	Mar-Apr	Sep-Nov	-
	Waterfowl	Brant	Concentration Area			Abundant													-	Mar-May	Oct-Nov	-
	Waterfowl	Diving ducks	Concentration Area			Present													-	-	-	-
	Waterfowl	Goldeneye	Concentration Area			Present													-	Apr-May	Nov-Dec	-
	Waterfowl	Long-tailed duck	Wintering			1000S													-	-	-	-
110	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/-		4													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		4													Mar-Aug	-	-	-
	Wading	YC night-heron	General Distribution	C/-		5													Mar-Aug	-	-	-
111	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/-		6													Mar-Aug	-	-	-
	Wading	YC night-heron	General Distribution	C/-		Present													Mar-Aug	-	-	-
112	Gull/Tern	Common tern	General Distribution	E/T		2													May-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		10S													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Great egret	General Distribution	T/-		5													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		2													Mar-Aug	-	-	-
113	Gull/Tern	Common tern	General Distribution	E/T		3													May-Aug	-	-	-
	Passerine	Purple martin	General Distribution	C/-		Present													Apr-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		3													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Glossy ibis	General Distribution	C/-		2													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		10S													Mar-Aug	-	-	-
114	Wading	Great egret	General Distribution	T/-		10S													Mar-Aug	-	-	-
115	Diving	Diving birds	Wintering			Common													-	-	-	-
	Wading	BC night-heron	Nesting			Abundant													Mar-Aug	-	-	-
	Wading	Clapper rail	Nesting			Somewhat Abundant													Mar-Aug	-	-	-
	Wading	Glossy ibis	Nesting	C/-		Abundant													Mar-Aug	-	-	-
	Wading	Great egret	Nesting	T/-		Abundant													Mar-Aug	-	-	-
	Wading	Snowy egret	Nesting	T/-		Abundant													Mar-Aug	-	-	-
	Waterfowl	Diving ducks	Wintering			Common													-	-	-	-
	Waterfowl	Waterfowl	Wintering			Common													-	Jan-Dec	-	-
116	Diving	Diving birds	Wintering			Common													-	-	-	-
	Passerine	Purple martin	General Distribution	C/-		Present													Apr-Aug	-	-	-
	Wading	BC night-heron	Nesting			Abundant													Mar-Aug	-	-	-
	Wading	Clapper rail	Nesting			Somewhat Abundant													Mar-Aug	-	-	-
	Wading	Glossy ibis	General Distribution	C/-		Present													Mar-Aug	-	-	-
	Wading	Glossy ibis	Nesting	C/-		Abundant													Mar-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		3													Mar-Aug	-	-	-
	Wading	Great egret	Nesting	T/-		Abundant													Mar-Aug	-	-	-
	Wading	Snowy egret	Nesting	T/-		Abundant													Mar-Aug	-	-	-
	Waterfowl	Diving ducks	Wintering			Common													-	-	-	-

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					
	Waterfowl	Waterfowl	Wintering			Common													-	Jan-Dec	-	-	-
117	Shorebird	Red knot	Concentration Area		T	Present													-	May-Jun	Sep-Nov	-	-
118	Raptor	Long-eared owl	General Distribution	E/-		Present													-	Jan-Mar	-	-	-

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
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
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
585	Diadromous	American eel	Nursery Area			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	Estuarine Resident	Striped killifish	Nursery Area			Abundant													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
597	Diadromous	American shad	Migration			Common													May-Jul	May-Jul	May-Aug	Jun-Nov	Apr-Jul
	Diadromous	Blueback herring	Nursery Area	C/-		Common													May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov
	Diadromous	Sea lamprey	Migration			Common													May-Jun	May-Jun	Jan-Dec	Apr-Jul	Apr-Jul
	Diadromous	Striped bass	Migration			Common													-	-	-	Apr-Nov	Apr-Nov
	Estuarine Nursery	Bluefish	Nursery Area			Common													-	-	-	Jun-Oct	Jun-Oct
	Estuarine Nursery	White perch	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Aug	Jan-Dec	Jan-Dec
	Estuarine Resident	Atlantic silverside	Nursery Area			Abundant													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Estuarine Resident	Inland silverside	Nursery Area			Common													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Estuarine Resident	Mummichog	Nursery Area			Common													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Estuarine Resident	Sheepshead minnow	Nursery Area			Common													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
	Freshwater	Rainbow smelt	Spawning Area	E/-		Uncommon													Feb-May	Feb-May	Feb-May	Feb-May	Feb-May
	Marine Benthic	Atlantic tomcod	Nursery Area			Common													Nov-Feb	Nov-Mar	Dec-May	Sep-May	Sep-May
598	Diadromous	Alewife	Spawning Area			Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
	Estuarine Resident	Mummichog	Nursery Area			Abundant													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
599	Diadromous	Striped bass	Concentration Area			Common													-	-	-	Jan-Dec	Jan-Dec
	Estuarine Nursery	Bluefish	Concentration Area			Common													Jun-Sep	Jun-Sep	Jun-Sep	Jun-Nov	Apr-Nov
	Estuarine Nursery	Scup	Concentration Area			Abundant													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
	Estuarine Nursery	Weakfish	Concentration Area			Abundant													May-Sep	May-Sep	May-Sep	Jul-Nov	May-Nov
	Marine Benthic	Atlantic tomcod	Nursery Area			Common													Nov-Feb	Nov-Mar	Dec-May	Jan-Dec	Jan-Dec
	Marine Benthic	Little skate	Nursery Area			Common													Jan-Dec	Jan-Dec	-	Jan-Dec	Jan-Dec

HABITATS & RARE PLANTS

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					
799	Plant	Water pygmyweed	Vulnerable Occurrence	E/-		Present													-	-	-	-	-
807	Plant	Field paspalum	Vulnerable Occurrence	E/E		Present													-	-	-	-	-
829	Plant	Bearded sprangletop	Vulnerable Occurrence	E/-		Present													-	-	-	-	-
	Plant	N. coastal violet	Vulnerable Occurrence	E/-		Present													-	-	-	-	-
	Plant	Scotland orache	Vulnerable Occurrence	C/E		Present													-	-	-	-	-
	Plant	Slimspike threeawn	Vulnerable Occurrence	C/-		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
830	Plant	Bearded sprangletop	Vulnerable Occurrence	E/-		Present												-
	Plant	Field paspalum	Vulnerable Occurrence	E/E		Present												-
831	Plant	Devil's-tongue	Vulnerable Occurrence	C/-		Present												-
	Plant	New Eng. blazing star	Vulnerable Occurrence	C/T		Present												-
	Plant	Seaside threeawn	Vulnerable Occurrence	E/-		Present												-
832	Plant	Devil's-tongue	Vulnerable Occurrence	C/-		Present												-
	Upland	Bitter panicum	Vulnerable Occurrence	T/-		Present												-
833	Plant	Lizard's tail	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
988	Insect	Rare insect	Vulnerable Occurrence			Present													-	-	-	-	Jan-Dec
	Insect	Threatened insect	Vulnerable Occurrence	E/-	T	Present													-	-	-	-	Jan-Dec
996	Crab	Horseshoe crab	Spawning Area			Present													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec

TERRESTRIAL MAMMALS





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				
1051	Bat	Eastern red 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		2													-	-	-	-
	Gull/Tern	Common tern	General Distribution	E/T		Present													May-Aug	-	-	-
		Least tern	General Distribution	T/T		5													Apr-Aug	-	-	-
		Roseate tern	General Distribution	E/E	E	Present													May-Aug	-	-	-
	Shorebird	American oystercatcher	General Distribution	T/-		Present													Mar-Aug	-	-	-
		Piping plover	General Distribution	T/E	T	Present													Mar-Aug	-	-	-

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	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
		Blueback herring	Migration	CI-	Common													May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov
		Hickory shad	Concentration Area		Common													Jun-Aug	Jun-Aug	Jun-Aug	Jul-Nov	Jun-Nov
		Striped bass	Concentration Area		Abundant													-	-	-	Jan-Dec	Jan-Dec
	Estuarine Nursery	Striped bass	Nursery Area		Common													-	-	-	Jan-Dec	Jan-Dec
		Atlantic herring	Nursery Area		Abundant													-	-	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		Abundant													Jun-Sep	Jun-Sep	Jun-Sep	Jun-Nov	Apr-Nov
		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
		Scup	Nursery Area		Abundant													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
		Summer flounder	Nursery Area		Common													-	-	-	Mar-Nov	Mar-Nov
		Weakfish	Nursery Area		Abundant													May-Sep	May-Sep	May-Sep	Jul-Nov	May-Nov
		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
		Atlantic moonfish	Nursery Area		Common													-	-	-	Jan-Dec	Jan-Dec
	Marine Benthic	Cunner	Nursery Area		Common													May-Aug	May-Aug	May-Aug	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		Abundant													Apr-Sep	Apr-Sep	May-Sep	Jan-Dec	Jan-Dec
		Tautog	Nursery Area		Common													Apr-Sep	Apr-Sep	May-Sep	Jan-Dec	Jan-Dec
		Atlantic mackerel	Nursery Area		Common													Apr-Jun	Apr-Jun	Apr-Jun	Apr-Nov	Apr-Nov
		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	T/T	T	Present												-	-	-	Jun-Nov	-
		K. ridley sea turtle	General Distribution	E/E	E	Present												-	-	-	Jun-Nov	-
		Loggerhead sea turtle	General Distribution	T/T	E	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






Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Mating	Calving	Pupping	Molt
			S	F		J	F	M	A	M	J	J	A	S	O	N	D				
 Dolphin	Harbor porpoise	General Distribution	C/C		Present													-	-	-	-

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				
 Diving	D. crested cormorant													Mar-Aug	-	-	-
	Red-necked grebe													-	-	-	-
	Red-throated loon													-	-	-	-
 Gull/Tern	Forster's tern													Apr-Aug	-	-	-
	G. black-backed gull													Mar-Aug	-	-	-
	Herring gull													Mar-Aug	-	-	-
	Ring-billed gull													-	-	-	-
 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	-	-	-
	Belted kingfisher													Mar-Aug	-	-	-
	Chimney swift													Jun-Jul	Apr-May	Aug-Sep	-
	Common grackle													Mar-Aug	-	-	-
	Common yellowthroat													Apr-Aug	-	-	-
	European starling													Mar-Aug	-	-	-
	Fish crow													Mar-Aug	-	-	-
	House finch													Mar-Aug	-	-	-
	House sparrow													Mar-Aug	-	-	-
	Marsh wren													Apr-Aug	-	-	-
	Mourning dove													Mar-Aug	-	-	-
	N. r.-winged swallow													Apr-Aug	-	-	-
	Northern cardinal													Mar-Aug	-	-	-
	Northern mockingbird													Mar-Aug	-	-	-
	Red-winged blackbird													Mar-Aug	-	-	-
	Saltmarsh sparrow													May-Aug	-	-	-
	Song sparrow													Mar-Aug	-	-	-
	Tree swallow													Mar-Aug	-	-	-
	Willow flycatcher													May-Aug	-	-	-
	Woodthrush													Apr-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					
		Yellow warbler													Apr-Aug	-	-	-	-
	Pelagic	Black-legged kittiwake													-	-	-	-	-
		Northern gannet													-	-	-	-	-
	Raptor	Red-tailed hawk													Mar-Aug	-	-	-	-
	Shorebird	Dunlin													-	Apr-May	Oct-Nov	-	-
		Greater yellowlegs													-	May-Jun	Sep-Oct	-	-
		Killdeer													Mar-Aug	-	-	-	-
		Least sandpiper													-	Apr-Jun	Aug-Oct	-	-
		Lesser yellowlegs													-	Apr-Jun	Aug-Oct	-	-
		Semipalmated sandpiper													-	-	Jul-Oct	-	-
		Willet													Apr-Aug	-	-	-	-
	Wading	BC night-heron													Mar-Aug	-	-	-	-
		Clapper rail													Mar-Aug	-	-	-	-
		Green heron													Apr-Aug	-	-	-	-
		Virginia rail													Mar-Aug	-	-	-	-
	Waterfowl	American black duck													Apr-May	Mar-Apr	Sep-Nov	-	-
		American wigeon													-	-	-	-	-
		Black scoter													-	-	-	-	-
		Blue-winged teal													-	Mar-May	Sep-Nov	-	-
		Bufflehead													-	Oct-Jun	-	-	-
		Canada goose													Mar-Aug	Jan-Dec	-	-	-
		Canvasback													-	-	-	-	-
		Common eider													Sep-May	-	-	-	-
		Common goldeneye													-	Nov-Apr	-	-	-
		Common merganser													-	-	-	-	-
		Eurasian wigeon													-	-	-	-	-
		Gadwall													Jan-Dec	-	-	-	-
		Greater scaup													-	-	-	-	-
		Green-winged teal													-	Mar-Apr	Sep-Oct	-	-
		Hooded merganser													-	-	-	-	-
		Long-tailed duck													-	-	-	-	-
		Mallard													Mar-Aug	-	-	-	-
		Mute swan													Mar-Sep	-	-	-	-
		Northern pintail													-	-	-	-	-
		Northern shoveler													-	-	-	-	-
		Ring-necked duck													-	-	-	-	-
		Ruddy duck													-	-	-	-	-
		Scaup													-	Mar-Apr	Oct-Nov	-	-
		Scoters													-	Apr-May	Sep-Nov	-	-
		Surf scoter													-	-	-	-	-
		White-winged scoter													-	Sep-May	-	-	-

FISH

	<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>					
	Diadromous	Gizzard shad													Apr-Jun	Apr-Jun	Apr-Jun	Jan-Dec	Jan-Dec
	Freshwater	Spottail shiner													Jun-Jul	Jun-Jul	Jun-Aug	Jan-Dec	Jan-Dec
		White catfish													May-Jul	May-Jul	Jun-Aug	Jan-Dec	Jan-Dec

INVERTEBRATES

	<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>					
	Bivalve	Eastern oyster													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
		Northern quahog													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
		Ribbed mussel													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
		Softshell clam													Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec
	Cephalopod	Longfin squid													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Crab	Blue crab													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
		Fiddler crab													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
		Green crab													Mar-Sep	Mar-Sep	May-Oct	Jan-Dec	Jan-Dec
		Horseshoe crab													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec
		Lady crab													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
		Spider crabs													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
	Shrimp	Grass shrimp													May-Oct	May-Oct	May-Oct	May-Oct	Jan-Dec
		Mantis shrimp													Feb-May	Feb-May	Feb-May	Jan-Dec	Jan-Dec
		Sevenspine bay shrimp													May-Oct	May-Oct	May-Oct	Jan-Dec	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

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	1,103.10	1.72
	10B	Freshwater Marshes	41.58	0.06
	10C	Swamps	197.89	0.31
	10D	Scrub and Shrub Wetlands	106.92	0.17
	9A	Sheltered Tidal Flats	266.95	0.42
	7	Exposed Tidal Flats	334.52	0.52

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	93,030.77	57.81	29%
	10B	Freshwater Marshes	335.17	0.21	< 1%
	10D	Scrub and Shrub Wetlands	238.30	0.15	< 1%
	9A	Sheltered Tidal Flats	54,833.21	34.07	17%
	9B	Vegetated Low Banks	113,898.90	70.77	35%
	8A	Sheltered, Impermeable, Rocky Shores	81.72	0.05	< 1%
	8A	Sheltered Scarps (Bedrock/Mud/Clay)	91.70	0.06	< 1%
	8A	Sheltered, Impermeable, Rocky Shores	81.72	0.05	< 1%
	8A	Sheltered Scarps (Bedrock/Mud/Clay)	91.70	0.06	< 1%
	8B	Sheltered, Solid Man-Made Structures	8,952.52	5.56	3%
	8C	Sheltered Riprap	4,026.80	2.50	1%
	7	Exposed Tidal Flats	11,701.46	7.27	4%
	6A	Gravel Beaches	1,462.10	0.91	< 1%
	6B	Riprap	7,245.24	4.50	2%
	5	Mixed Sand and Gravel Beaches	7,422.31	4.61	2%
	4	Coarse Grained Sand Beaches	12,087.56	7.51	4%
	2A	Exposed, Wave-Cut Platforms (Bedrock/Mud/Clay)	69.93	0.04	< 1%
	1B	Exposed, Solid Man-Made Structures	6,346.14	3.94	2%

Total ESI Shoreline:	321,823.83	Total ESI Shoreline:	199.97
Total Shoreline:	155,040.92	Total Shoreline:	96.34

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

