

Map 26B
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				
167	Shorebird	Piping plover	General Distribution	T/E	T	4													Mar-Aug	-	-	-
168	Gull/Tern	Least tern	General Distribution	T/T		10S													Apr-Aug	-	-	-
173	Raptor	Osprey	General Distribution	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
220	Gull/Tern	Least tern	General Distribution	T/T		100S													Apr-Aug	-	-	-
284	Gull/Tern	Common tern	Nesting	E/T		Present													May-Aug	-	-	-
	Raptor	Northern harrier	Concentration Area	E/T		Present													Mar-Aug	-	-	-
285	Passerine	Saltmarsh sparrow	Nesting			Present													May-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
	Shorebird	Shorebirds	Concentration Area			Present													-	Jan-Dec	-	-
	Wading	Herons	Concentration Area			Present													Jan-Dec	Jan-Dec	-	-
	Waterfowl	Waterfowl	Concentration Area			Present													-	Jan-Dec	-	-
286	Passerine	Bank swallow	Nesting			Present													Apr-Aug	-	-	-
	Shorebird	Black-bellied plover	Migration			Present													-	Aug-May	-	-
	Shorebird	Greater yellowlegs	Migration			Present													-	May-Jun	Sep-Oct	-
	Shorebird	Lesser yellowlegs	Migration			Present													-	Apr-Jun	Aug-Oct	-
	Shorebird	Ruddy turnstone	Migration			Present													-	Mar-May	Aug-Nov	-
	Shorebird	Sanderling	Migration			Present													-	Sep-Jun	-	-
	Shorebird	Semipalmated sandpiper	Migration			Present													-	-	Jul-Oct	-
	Shorebird	Shorebirds	Migration			Present													-	Jan-Dec	-	-
	Waterfowl	American black duck	Wintering			Present													Apr-May	Mar-Apr	Sep-Nov	-
	Waterfowl	Black scoter	Wintering			Present													-	-	-	-
	Waterfowl	Surf scoter	Wintering			Present													-	-	-	-
	Waterfowl	Waterfowl	Wintering			Present													-	Jan-Dec	-	-
	Waterfowl	White-winged scoter	Wintering			Present													-	Sep-May	-	-
287	Gull/Tern	Least tern	General Distribution	T/T		3													Apr-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		10S													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Great egret	General Distribution	T/-		2													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		Present													Mar-Aug	-	-	-
288	Raptor	Osprey	General Distribution	-/C		5													Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Great egret	General Distribution	T/-		5													Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		Present													Mar-Aug	-	-	-
289	Raptor	Northern harrier	General Distribution	E/T		Present													Mar-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
	Raptor	Peregrine falcon	General Distribution	T/E		Present													Mar-Aug	-	-	-
	Raptor	Red-shouldered hawk	General Distribution	-/C		Present													Mar-Aug	-	-	-
290	Diving	D. crested cormorant	Concentration Area			Present													Mar-Aug	-	-	-
	Passerine	Red-winged blackbird	Concentration Area			Present													Mar-Aug	-	-	-

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				
	Passerine	Saltmarsh sparrow	Concentration Area			Present													May-Aug	-	-	-
	Shorebird	Killdeer	Concentration Area			Present													Mar-Aug	-	-	-
	Wading	Clapper rail	Concentration Area			Present													Mar-Aug	-	-	-
	Wading	Great egret	Concentration Area	T/-		Present													Mar-Aug	-	-	-
	Wading	Green heron	Concentration Area			Present													Apr-Aug	-	-	-
	Waterfowl	Canada goose	Concentration Area			Present													Mar-Aug	Jan-Dec	-	-
291	Gull/Tern	Common tern	Concentration Area	E/T		Present													May-Aug	-	-	-
	Gull/Tern	Least tern	General Distribution	T/T		100S													Apr-Aug	-	-	-
	Shorebird	Piping plover	General Distribution	T/E	T	6													Mar-Aug	-	-	-
292	Raptor	Osprey	General Distribution	-/C		7													Mar-Aug	Mar-Jun	Jul-Nov	-
293	Gull/Tern	Common tern	General Distribution	E/T		6													May-Aug	-	-	-
	Gull/Tern	Least tern	General Distribution	T/T		100S													Apr-Aug	-	-	-
	Shorebird	American oystercatcher	General Distribution	T/-		4													Mar-Aug	-	-	-
	Shorebird	Piping plover	General Distribution	T/E	T	4													Mar-Aug	-	-	-
294	Shorebird	American oystercatcher	General Distribution	T/-		4													Mar-Aug	-	-	-
295	Shorebird	Piping plover	General Distribution	T/E	T	8													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					
501	Diadromous	Alewife	Spawning Area			Common													Mar-Jun	Mar-Jun	Mar-Jun	Mar-Oct	Mar-Oct
620	Estuarine Nursery	Weakfish	Nursery Area			Common													May-Sep	May-Sep	May-Sep	Jul-Nov	May-Nov
	Estuarine Nursery	Winter flounder	Nursery Area			Common													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
701	Estuarine Resident	Mummichog	Nursery Area			Abundant													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
704	Estuarine Nursery	Atlantic menhaden	Nursery Area			Common													May-Oct	May-Oct	May-Nov	Apr-Nov	Apr-Nov
	Estuarine Nursery	Scup	Nursery Area			Common													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
	Estuarine Nursery	Summer flounder	Nursery Area			Common													-	-	-	Mar-Nov	Mar-Nov
	Estuarine Nursery	Weakfish	Nursery Area			Common													May-Sep	May-Sep	May-Sep	Jul-Nov	May-Nov
	Estuarine Nursery	Winter flounder	Nursery Area			Common													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
706	Estuarine Nursery	Scup	Nursery Area			Common													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
	Estuarine Nursery	Winter flounder	Nursery Area			Common													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
	Estuarine Resident	Mummichog	Nursery Area			Abundant													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
707	Estuarine Nursery	Scup	Nursery Area			Common													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
	Estuarine Nursery	Winter flounder	Nursery Area			Common													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
708	Estuarine Nursery	White perch	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Banded killifish	Nursery Area			Common													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec

HABITATS & RARE PLANTS

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
865	Upland	Seaside knotweed	Vulnerable Occurrence	C/C		Present												-
875	FAV	Small floating bladderwort	Vulnerable Occurrence	-/T		Present												-
	Plant	Atlantic white cedar	Vulnerable Occurrence	-/T		Present												-
876	Plant	Marsh fimbry	Vulnerable Occurrence	-/T		50 - 100												-
	Plant	Pine barren flatsedge	Vulnerable Occurrence	-/E		Present												-
	Plant	Slender spikerush	Vulnerable Occurrence	-/E		Present												-
	Plant	Sm. false foxglove	Vulnerable Occurrence	-/T		100 - 200												-
	Plant	Texan flatsedge	Vulnerable Occurrence	-/E		100												-
	Upland	Bushy rockrose	Vulnerable Occurrence	-/T		50 - 60												-
	Upland	Seaside knotweed	Vulnerable Occurrence	C/C		Abundant												-

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					
963	Turtle	Diamondback terrapin	Vulnerable Occurrence	C/-		Present													Jun-Jul	Aug-Oct	-	Jan-Dec	Jan-Dec
975	Amphibian	B. spotted salamander	Vulnerable Occurrence	E/C		Present													Mar	Apr-May	-	Jan-Dec	Jan-Dec
	Turtle	Eastern mud turtle	Vulnerable Occurrence	-/E		Present													Jun	Aug-Sep	-	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					
997	Crab	Horseshoe crab	Spawning Area			Present													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec
999	Bivalve	Bay scallop	Nursery Area			Common													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
1018	Bivalve	Bay scallop	Nursery Area			Common													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
	Crab	Blue crab	Nursery Area			Common													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec

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		10S													-	-	-	-
		Pied-billed grebe	General Distribution	E/T		5													-	-	-	-
		Pied-billed grebe	General Distribution	E/T		Present													-	-	-	-
	Gull/Tern	Black skimmer	General Distribution	-/C		Present													Mar-Aug	-	-	-
		Common tern	General Distribution	E/T		Present													May-Aug	-	-	-
		Least tern	General Distribution	T/T		Present													Apr-Aug	-	-	-
		Least tern	Nesting	T/T		Present													Apr-Aug	-	-	-
	Raptor	Osprey	Nesting	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
	Shorebird	Piping plover	General Distribution	T/E	T	Present													Mar-Aug	-	-	-
		Piping plover	Nesting	T/E	T	Present													Mar-Aug	-	-	-




FISH

	<i>Subelement</i>	<i>Species</i>	<i>Mapping Qualifier</i>	<i>CT/NY</i>		<i>Concentration</i>	<i>Monthly Presence</i>												<i>Spawn</i>	<i>Eggs</i>	<i>Larvae</i>	<i>Juveniles</i>	<i>Adults</i>
				<i>S</i>	<i>F</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	Alewife	Nursery Area			Common													Mar-Jun	Mar-Jun	Mar-Jun	Mar-Oct	Mar-Oct
		American eel	Nursery Area			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	Estuarine Nursery	Atlantic menhaden	Nursery Area			Abundant													May-Oct	May-Oct	May-Nov	Apr-Nov	Apr-Nov
		Bay anchovy	Nursery Area			Abundant													May-Sep	May-Sep	May-Nov	Jan-Dec	Jan-Dec
		Black sea bass	Nursery Area			Common													-	-	-	Apr-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
		Northern kingfish	Nursery Area			Common													Jun-Sep	Jun-Sep	Jun-Sep	Apr-Nov	Apr-Nov
		Northern puffer	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			Abundant													-	-	-	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	Spawning 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
		Fourspine stickleback	Nursery Area			Common													Apr-Jul	Apr-Jul	May-Aug	May-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
		Oyster toadfish	Nursery Area			Common													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Marine Benthic	Cunner	Nursery Area			Common													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
		Smooth dogfish	Nursery Area			Common													-	-	-	May-Oct	May-Oct
		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	Apr-Nov	Apr-Nov
	Marine Pelagic	Butterfish	Nursery Area			Common													May-Aug	May-Aug	May-Oct	May-Dec	May-Dec







REPTILES & AMPHIBIANS

	<i>Subelement</i>	<i>Species</i>	<i>Mapping Qualifier</i>	<i>CT/NY</i>		<i>Concentration</i>	<i>Monthly Presence</i>												<i>Nest</i>	<i>Hatch</i>	<i>Internest</i>	<i>Juveniles</i>	<i>Adults</i>
				<i>S</i>	<i>F</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>					
	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



























































































































































































































































































































	<i>Subelement</i>	<i>Species</i>	<i>Mapping Qualifier</i>	<i>CT/NY</i>		<i>Concentration</i>	<i>Monthly Presence</i>												<i>Spawn</i>	<i>Eggs</i>	<i>Larvae</i>	<i>Juveniles</i>	<i>Adults</i>
				<i>S</i>	<i>F</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	Bay scallop	Harvest Area			Low													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
		Bay scallop	Harvest Area			Moderate													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
		Eastern oyster	Harvest Area			Low													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
		Northern quahog	Harvest Area			Moderate													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
		Northern quahog	Harvest Area			High													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
		Softshell clam	Harvest Area			Low													Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec
	Crab	Horseshoe crab	Nursery Area			Common													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec
	Gastropod	Channeled whelk	Harvest Area			Low													Sep-Nov	Sep-Nov	-	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

			Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt			
	Subelement	Species	J	F	M	A	M	J	J	A	S	O	N	D							
	Diving	D. crested cormorant													Mar-Aug	-	-	-	-		
		Horned grebe														-	-	-	-	-	
		Red-throated loon															-	-	-	-	-
	Gull/Tern	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	-	-	-	-	-	
		Bank swallow													Apr-Aug	-	-	-	-	-	
		Barn Swallow													Apr-Aug	-	-	-	-	-	
		Belted kingfisher													Mar-Aug	-	-	-	-	-	
		Black-capped chickadee													Mar-Aug	-	-	-	-	-	
		Black & white warbler													Apr-Oct	Apr-Jun	Sep-Oct	-	-	-	
		Boat-tailed grackle														Apr-Jun	-	-	-	-	-
		Carolina wren													Apr-Jul	-	-	-	-	-	
		Cedar waxwing													Mar-Aug	-	-	-	-	-	
		Common grackle													Mar-Aug	-	-	-	-	-	
		Common yellowthroat													Apr-Aug	-	-	-	-	-	
		Downy woodpecker													Mar-Aug	-	-	-	-	-	
		Eastern kingbird													Apr-Aug	-	-	-	-	-	
		Eastern phoebe													May-Jul	Apr-May	Sep-Nov	-	-	-	
		European starling													Mar-Aug	-	-	-	-	-	
		Fish crow													Mar-Aug	-	-	-	-	-	
		GC flycatcher													Apr-Aug	-	-	-	-	-	
		Gray catbird													Mar-Aug	-	-	-	-	-	
		Indigo bunting													Jun-Aug	Apr-May	Sep-Oct	-	-	-	
		Marsh wren													Apr-Aug	-	-	-	-	-	
		Northern flicker													Mar-Aug	-	-	-	-	-	
		Red-bellied woodpecker																			




BIRDS (continued)

	Subelement	Species	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
			J	F	M	A	M	J	J	A	S	O	N	D				
	Pelagic	Northern gannet													-	-	-	-
	Raptor	Red-tailed hawk													Mar-Aug	-	-	-
	Shorebird	Black-bellied plover													-	Aug-May	-	-
		Greater yellowlegs													-	May-Jun	Sep-Oct	-
		Least sandpiper													-	Apr-Jun	Aug-Oct	-
		Lesser yellowlegs													-	Apr-Jun	Aug-Oct	-
		Ruddy turnstone													-	Mar-May	Aug-Nov	-
		Sanderling													-	Sep-Jun	-	-
		Semipalmated plover													-	Apr-Jun	Sep-Nov	-
		Semipalmated sandpiper													-	-	Jul-Oct	-
		Willet													Apr-Aug	-	-	-
	Wading	Clapper rail													Mar-Aug	-	-	-
		Great blue heron													Mar-Aug	-	-	-
	Waterfowl	American black duck													Apr-May	Mar-Apr	Sep-Nov	-
		American coot													-	-	-	-
		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	-	-
		Eurasian wigeon													-	-	-	-
		Greater scaup													-	-	-	-
		Hooded merganser													-	-	-	-
		Lesser scaup													-	-	-	-
		Long-tailed duck													-	-	-	-
		Mallard													Mar-Aug	-	-	-
		Mute swan													Mar-Sep	-	-	-
		Northern pintail													-	-	-	-
		Red-breasted merganser													-	-	-	-
		Ring-necked duck													-	-	-	-
		Ruddy duck													-	-	-	-
		Scoters													-	Apr-May	Sep-Nov	-
		Surf scoter													-	-	-	-
		White-winged scoter													-	Sep-May	-	-
		Wood duck													Mar-Aug	-	-	-



FISH

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Freshwater													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Bluegill													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Brown bullhead													May-Jul	May-Jul	Jun-Aug	Jan-Dec	Jan-Dec
	Chain pickerel													Mar-May	Mar-May	Mar-May	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
	Yellow perch													Mar-May	Mar-May	Mar-Aug	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													Apr-Oct	Apr-Oct	Apr-Oct	Jan-Dec	Jan-Dec
	Blue mussel													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Northern quahog													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Crab													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
	Ribbed mussel													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Blue crab													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Fiddler crab													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec
	Horseshoe crab													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Shrimp													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
	Lady crab													May-Oct	May-Oct	May-Oct	May-Oct	Jan-Dec
	Spider crabs													Feb-May	Feb-May	Feb-May	Jan-Dec	Jan-Dec
	Grass shrimp													May-Oct	May-Oct	May-Oct	Jan-Dec	Jan-Dec
	Mantis shrimp													May-Oct	May-Oct	May-Oct	Jan-Dec	Jan-Dec
	Sevenspine bay shrimp													May-Oct	May-Oct	May-Oct	Jan-Dec	Jan-Dec






MARINE MAMMALS

Subelement	Species	Monthly Presence												Mating	Calving	Pupping	Molt
		J	F	M	A	M	J	J	A	S	O	N	D				
	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	537.70	0.84
	10B	Freshwater Marshes	35.26	0.06
	10C	Swamps	61.20	0.10
	10D	Scrub and Shrub Wetlands	27.96	0.04
	9A	Sheltered Tidal Flats	250.70	0.39
	7	Exposed Tidal Flats	25.13	0.04

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	51,432.73	31.96	25%
	10D	Scrub and Shrub Wetlands	301.00	0.19	< 1%
	9A	Sheltered Tidal Flats	31,753.48	19.73	15%
	9B	Vegetated Low Banks	65,789.26	40.88	32%
	8B	Sheltered, Solid Man-Made Structures	8,495.04	5.28	4%
	8C	Sheltered Riprap	179.90	0.11	< 1%
	7	Exposed Tidal Flats	635.64	0.39	< 1%
	6A	Gravel Beaches	217.26	0.14	< 1%
	6B	Riprap	3,764.41	2.34	2%
	5	Mixed Sand and Gravel Beaches	13,927.02	8.65	7%
	4	Coarse Grained Sand Beaches	10,135.30	6.30	5%
	3A	Fine to Medium Grained Sand Beaches	6,947.47	4.32	3%
	3B	Scarps and Steep Slopes (Sand)	5,920.79	3.68	3%
	2A	Exposed, Wave-Cut Platforms (Bedrock/Mud/Clay)	314.82	0.20	< 1%
	1B	Exposed, Solid Man-Made Structures	6,731.09	4.18	3%

Total ESI Shoreline:	206,545.20	Total ESI Shoreline:	128.34
Total Shoreline:	109,252.83	Total Shoreline:	67.89

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

