

Map 10B
Long Island Sound



SEE BACK OF MAP
for details about mapped species and
other species that occur in mapped area.
Data Published: September 2016

0 Not for Navigation 1 Miles
0 1 Kilometers

1:50,000



Map 10B
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	-	-	-

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					
459	Estuarine Nursery	White perch	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Aug	Jan-Dec	Jan-Dec
531	Freshwater	American brook lamprey	Vulnerable Occurrence	E/-		Uncommon													Apr-May	Apr-May	Jan-Dec	-	Mar-Jun
551	Diadromous	American eel	Nursery Area			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	Estuarine Nursery	White perch	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Aug	Jan-Dec	Jan-Dec
553	Diadromous	Alewife	Migration			Rare													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
	Diadromous	American eel	Nursery Area			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	Diadromous	American shad	Nursery Area			Common													May-Jul	May-Jul	May-Aug	Jun-Nov	Apr-Jul
	Diadromous	Blueback herring	Migration	CI-		Uncommon													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			Rare													-	-	-	Apr-Nov	Apr-Nov
554	Diadromous	Alewife	Spawning Area			Common													Mar-Jun	Mar-Jun	Mar-Jun	Mar-Oct	Mar-Oct
	Diadromous	Blueback herring	Spawning Area	CI-		Common													May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov
	Diadromous	Sea lamprey	Spawning Area			Common													May-Jun	May-Jun	Jan-Dec	Apr-Jul	Apr-Jul
	Freshwater	Bridle shiner	Vulnerable Occurrence	CI-		Uncommon													May-Jul	May-Jul	May-Jul	Jan-Dec	Jan-Dec

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					
801	Plant	Widowsfrill	Vulnerable Occurrence	T/-		Present													-	-	-	-	-

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					
992	Bivalve	Rare freshwater mussel	Vulnerable Occurrence			Present													Jul-Sep	-	-	Jan-Dec	Jan-Dec
995	Bivalve	End. freshwater mussel	Vulnerable Occurrence			Present													-	-	-	-	Jan-Dec
	Bivalve	Rare freshwater mussel	Vulnerable Occurrence			Present													Jul-Sep	-	-	Jan-Dec	Jan-Dec

WIDESPREAD IN MAPPED AREA (> 10 SQUARE KILOMETERS)

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					
	Insect	Rare insect	Vulnerable Occurrence		Present													-	-	-	-	Jan-Dec
		Threatened insect	Vulnerable Occurrence	E/-	T	Present												-	-	-	-	Jan-Dec

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				
	Waterfowl																
	American black duck													Apr-May	Mar-Apr	Sep-Nov	-
	Canada goose													Mar-Aug	Jan-Dec	-	-
	Green-winged teal													-	Mar-Apr	Sep-Oct	-
	Mallard													Mar-Aug	-	-	-
	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					
	Diadromous																	
	Brown trout													Oct-Nov	Oct-Apr	Feb-May	Jan-Dec	Jan-Dec
	Gizzard shad													Apr-Jun	Apr-Jun	Apr-Jun	Jan-Dec	Jan-Dec
	Freshwater																	
	Black crappie													May-Jun	May-Jun	May-Jun	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
	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 sucker													Apr-May	Apr-Jun	Apr-Jun	Jan-Dec	Jan-Dec
	Yellow perch													Mar-May	Mar-May	Mar-Aug	Jan-Dec	Jan-Dec

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

ESI Rank	Habitat Classification	Area (Acres)	Area (Sq. Miles)
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ESI SHORELINE HABITAT TYPES

ESI Rank	Shoreline Habitat Classification	Length (Meters)	Length (Miles)	% of ESI Shoreline
 9B	Vegetated Low Banks	34,993.89	21.74	98%
 8A	Sheltered, Impermeable, Rocky Shores	70.57	0.04	< 1%
 8B	Sheltered, Solid Man-Made Structures	521.28	0.32	1%
 5	Mixed Sand and Gravel Beaches	168.02	0.10	< 1%
 4	Coarse Grained Sand Beaches	53.79	0.03	< 1%

Total ESI Shoreline:	35,807.55	Total ESI Shoreline:	22.25
Total Shoreline:	35,639.53	Total Shoreline:	22.15

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

