

Map 27B
NY/ NJ Metropolitan Area



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

0 Not for Navigation 1 Miles
 0 1 Kilometers

1:50,000



Map 27B
New York and New Jersey Metropolitan Area

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	S	F	Concentration	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
							J	F	M	A	M	J	J	A	S	O	N	D				
318	Wading	Great blue heron	Nesting	-		-													Mar-Jul	-	-	-
371	Waterfowl	American wigeon	Wintering			100S													-	-	-	-
	Waterfowl	Brant	Wintering			100S													-	-	-	-
	Waterfowl	Bufflehead	Wintering			1000S													-	-	-	-
	Waterfowl	Canada goose	Wintering			1000S													-	-	-	-
	Waterfowl	Mallard	Wintering			100S													-	-	-	-
	Waterfowl	Red-breasted merganser	Wintering			100S													-	-	-	-
	Waterfowl	Scaup	Wintering			100S													-	-	-	-
	Waterfowl	Waterfowl	Wintering			100S													-	-	-	-

FISH

Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
							J	F	M	A	M	J	J	A	S	O	N	D					
500	Diadromous	Alewife	Nursery Area			-													-	-	Jun-Aug	Aug-Oct	-
	Diadromous	Alewife	Spawning Area			-													Mar-Jun	Mar-Jun	-	-	Mar-Jun
	Diadromous	Blueback herring	Nursery Area			-													-	-	Jun-Aug	Aug-Oct	-
	Diadromous	Blueback herring	Spawning Area			-													Mar-Jun	Mar-Jun	-	-	Mar-Jun
516	Diadromous	Alewife	Nursery Area			-													-	-	Jun-Aug	Aug-Oct	-
	Diadromous	Alewife	Spawning Area			-													Mar-Jun	Mar-Jun	-	-	Mar-Jun
518	Diadromous	Alewife	Migration			-													-	-	-	-	Mar-Jun

HABITATS & RARE PLANTS



Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence												Nest	Hatch	Internest	Juveniles	Adults
							J	F	M	A	M	J	J	A	S	O	N	D					
536	Wetland	Vernal pool	Vulnerable Occurrence			-													-	-	-	-	-

REPTILES & AMPHIBIANS

Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence												Nest	Hatch	Internest	Juveniles	Adults
							J	F	M	A	M	J	J	A	S	O	N	D					
600	Turtle	Wood turtle	Vulnerable Occurrence	C/T		-													-	-	-	Mar-Nov	Mar-Nov
601	Turtle	Bog turtle	Vulnerable Occurrence	E/E	T	-													-	-	-	Apr-Oct	Apr-Oct
603	Turtle	Eastern box turtle	Vulnerable Occurrence	C/C		-													-	-	-	Apr-Nov	Apr-Nov
610	Amphibian	Pine Barrens treefrog	Nesting	-	T	-													May-Jun	May-Jul	-	-	May-Jun
619	Snake	Northern pinesnake	Vulnerable Occurrence			-													-	-	-	Apr-Oct	Apr-Oct
620	Snake	Timber rattlesnake	Nesting	-	E	-													-	-	-	May-Sep	May-Sep


WIDESPREAD IN MAPPED AREA (> 10 SQUARE KILOMETERS)

HABITATS & RARE PLANTS






	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence											
							J	F	M	A	M	J	J	A	S	O	N	D
	Plant	Endangered plant	Vulnerable Occurrence	E/E		-												-
		Rare plant	Vulnerable Occurrence	C/C		-												-
	Wetland	Swamp-pink	Vulnerable Occurrence	-/E	T	-												-

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	Waterfowl													-	-	-	-

FISH

	Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
			J	F	M	A	M	J	J	A	S	O	N	D					
	Diadromous	Alewife													-	-	-	Jan-Dec	Mar-Jun
		American eel													-	-	Feb-Apr	Jan-Dec	Sep-Dec
		American eel													-	-	-	Jan-Dec	Sep-Nov
		American shad													-	-	-	Nov-Mar	Mar-May
		Blueback herring													-	-	-	Jan-Dec	Mar-Jun
		Striped bass													-	-	-	Mar-Dec	Mar-Dec
	Estuarine Nursery	Atlantic herring													-	-	-	Nov-Apr	Nov-Apr
		Atlantic menhaden													May-Nov*	May-Nov*	May-Nov*	Jan-Dec	Mar-Sep
		Bay anchovy													May-Aug	May-Aug	May-Aug	Jan-Dec	Apr-Oct
		Black sea bass													-	-	-	May-Oct	Jun-Sep
		Bluefish													-	-	-	May-Oct	May-Oct
		Northern kingfish													-	-	-	May-Nov	May-Nov
		Scup													-	-	-	Jun-Oct	Jun-Oct
		Spot													-	-	-	Jun-Nov	Jun-Nov
		Summer flounder													-	-	-	Apr-Aug	May-Sep
		Weakfish													-	-	-	May-Nov	Apr-Sep
		White perch													-	-	-	Nov-Mar	Nov-Mar
		Windowpane													May-Aug	May-Aug	May-Oct	Jan-Dec	Jan-Dec
		Winter flounder													Jan-Mar	Jan-Mar	Jan-Apr	Jan-Dec	Nov-Apr
	Estuarine Resident	Killifish													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
		Silversides													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Marine Benthic	American sand lance													Nov-Apr	Nov-Apr	Nov-Apr	Jan-Dec	Nov-Apr
		Smooth dogfish													May-Jun	May-Oct	-	Apr-Oct	Apr-Oct
		Tautog													May-Sep	May-Sep	May-Sep	May-Sep	May-Sep
	Marine Pelagic	Atlantic mackerel													-	-	-	Nov-Apr	-




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>					
	Crab	Blue crab													May-Oct	Jun-Oct	Jun-Oct	Jan-Dec	Jan-Dec
		Blue crab													May-Oct	-	-	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

	<i>ESI Rank</i>	<i>Habitat Classification</i>	<i>Area (Acres)</i>	<i>Area (Sq. Miles)</i>
	10A	Salt and Brackish Water Marshes	36.22	0.06
	10B	Freshwater Marshes	19.63	0.03
	10C	Swamps	1,702.67	2.66
	10D	Scrub and Shrub Wetlands	93.90	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	2,852.27	1.77	5%
	10B	Freshwater Marshes	145.83	0.09	< 1%
	10C	Swamps	10,060.94	6.25	18%
	10D	Scrub and Shrub Wetlands	385.26	0.24	1%
	9B	Vegetated Low Banks	40,946.32	25.44	75%
	8B	Sheltered, Solid Man-Made Structures	497.66	0.31	1%

Total ESI Shoreline:	54,888.29	Total ESI Shoreline:	34.11
Total Shoreline:	41,443.98	Total Shoreline:	25.75

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

