

Map 23A

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 23A
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				
311	Waterfowl	Canada goose	Wintering			10000S													-	-	-	-
	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					
508	Diadromous	Alewife	Nursery Area			-													-	-	Jun-Aug	Aug-Oct	-
	Diadromous	Alewife	Spawning Area			-													Mar-Jun	Mar-Jun	-	-	Mar-Jun
	Diadromous	American shad	Nursery Area			-													-	-	Jun-Aug	Aug-Oct	-
	Diadromous	American shad	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
510	Diadromous	Alewife	Nursery Area			-													-	-	Jun-Aug	Aug-Oct	-
	Diadromous	Alewife	Spawning Area			-													Mar-Jun	Mar-Jun	-	-	Mar-Jun
	Diadromous	American shad	Nursery Area			-													-	-	Jun-Aug	Aug-Oct	-
	Diadromous	American shad	Spawning Area			-													Mar-Jun	Mar-Jun	-	-	Mar-Jun
511	Diadromous	Blueback herring	Nursery Area			-													-	-	Jun-Aug	Aug-Oct	-
	Diadromous	Blueback herring	Spawning Area			-													Mar-Jun	Mar-Jun	-	-	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					
520	Plant	Endangered plant	Vulnerable Occurrence	E/E		-													-	-	-	-	-
525	Plant	Rare plant	Vulnerable Occurrence	C/C		-													-	-	-	-	-

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					
603	Turtle	Eastern box turtle	Vulnerable Occurrence	C/C		-													-	-	-	Apr-Nov	Apr-Nov

INVERTEBRATES

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					
662	Insect	Leonard's skipper	Vulnerable Occurrence	-/C		-													Aug-Sep	Aug-Sep	Jan-Dec	Jul-Aug	Aug-Sep

ALSO PRESENT IN MAPPED AREA (GENERAL DISTRIBUTION)

BIRDS

	<i>Subelement</i>	<i>Species</i>	<i>Monthly Presence</i>												<i>Nest</i>	<i>Mig.(S)</i>	<i>Mig.(F)</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>					
	Waterfowl	Waterfowl													-	-	-	-	-

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	American eel													-	-	-	Jan-Dec	Sep-Nov


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	-	-	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>
	10B	Freshwater Marshes	58.94	0.09
	10C	Swamps	423.56	0.66
	10D	Scrub and Shrub Wetlands	59.43	0.09
	7	Exposed Tidal Flats	6.79	0.01

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>
	10B	Freshwater Marshes	32.14	0.02	< 1%
	10C	Swamps	5,484.98	3.41	10%
	9B	Vegetated Low Banks	43,582.64	27.08	80%
	8B	Sheltered, Solid Man-Made Structures	865.66	0.54	2%
	7	Exposed Tidal Flats	790.81	0.49	1%
	5	Mixed Sand and Gravel Beaches	3,590.56	2.23	7%

Total ESI Shoreline:	54,346.80	Total ESI Shoreline:	33.77
Total Shoreline:	45,192.39	Total Shoreline:	28.08

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

