



Ramsar Information Sheet

Published on 20 December 2019

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United States of America Niagara River Corridor



Designation date	3 October 2019
Site number	2402
Coordinates	43°02'37"N 78°58'11"W
Area	5 247,70 ha

Color codes

Fields back-shaded in light blue relate to data and information required only for RIS updates.

Note that some fields concerning aspects of Part 3, the Ecological Character Description of the RIS (tinted in purple), are not expected to be completed as part of a standard RIS, but are included for completeness so as to provide the requested consistency between the RIS and the format of a 'full' Ecological Character Description, as adopted in Resolution X.15 (2008). If a Contracting Party does have information available that is relevant to these fields (for example from a national format Ecological Character Description) it may, if it wishes to, include information in these additional fields.

1 - Summary

Summary

The Niagara River is a freshwater strait that forms the border between the U.S. and Canada. The river flows approximately 58 km (36 mi) from Lake Erie in the south, over one of Earth's natural wonders, Niagara Falls, and through the Niagara Gorge, emptying at Lake Ontario in the north. The river's depth and width vary greatly; shallow and wide above Niagara Falls, and deep and narrow below. Along the river's shoreline are protected nature reserves, parks, large cities, transportation infrastructure, and farmland.

The local communities benefit immensely from the Niagara River. The Niagara River will be among the most visited Ramsar sites in the world. On the U.S. side alone, hundreds of thousands of people swim, fish, boat, hunt, birdwatch, conduct research, and hike on and along the river. Eight million people visit the U.S. side of Niagara Falls each year. Tourism to the Niagara region contributes \$2.7 billion to the economy and supports 53,168 jobs. In addition, nearly a million people get their freshwater from the river, and electricity generated from the river powers millions of homes and businesses.

The Niagara River Corridor supports numerous species of protected flora and fauna. The river is an extremely important spawning ground for fish and a migratory corridor for birds. It supports several birds that congregate in globally significant numbers, and supports massive congregations of waterbirds during the winter. Upland areas along the river are home to threatened ecological communities and old growth forests. The Niagara Escarpment is designated as a UNESCO Biosphere Reserve in Canada, and the entire Niagara River Corridor is designated a globally significant Important Bird Area.

The ecology of the corridor has been shaped by millennia of human activity, from indigenous civilizations to today's cities. The corridor hosted battles of the War of 1812, was the last stop on the Underground Railroad, saw the continent's first state and provincial parks, and saw the birth of hydroelectric energy. Over the last two centuries, industrialization and population growth caused environmental degradation, yet the river and its people have proven to be resilient. The infamous Love Canal helped to spur the environmental justice movement, and plans are being implemented to reverse past and prevent future degradation. Today, the river is healthier than it has been in generations.

2 - Data & location

2.1 - Formal data

2.1.1 - Name and address of the compiler of this RIS

Compiler 1

Name	Niagara River Corridor Ramsar Site Steering Committee
Institution/agency	University at Buffalo School of Law
Postal address	507 O'Brian Hall, North Campus, Buffalo, NY 14260-1100
E-mail	kimconno@buffalo.edu
Phone	716-645-2092
Fax	716-645-6199

Compiler 2

Name	Cade London
Institution/agency	U.S. Fish and Wildlife Service
Postal address	5275 Leesburg Pike, MS:IA Falls Church, VA 22041-3803
E-mail	cade_london@fws.gov
Phone	703-358-2584
Fax	703-358-2277

2.1.2 - Period of collection of data and information used to compile the RIS

From year	2014
To year	2019

2.1.3 - Name of the Ramsar Site

Official name (in English, French or Spanish)	Niagara River Corridor
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2.2 - Site location

2.2.1 - Defining the Site boundaries

b) Digital map/image
<1 file(s) uploaded>

Former maps	0
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Boundaries description

The site includes the U.S. side of the Niagara River, from Lake Ontario in the north to Lake Erie in the south. The site includes much of the riparian lands along the river's edge. The riparian lands included are located on protected green spaces adjacent to or near the river and incorporate parks, nature preserves, undeveloped islands in the river, and other greenspaces around institutional land and public infrastructure. The site excludes privately-owned land along the shoreline, private holdings that extend into the river, and private railroad bridges that cross the river. The ecological values of the site are not compromised due to these exclusions; the site includes nearly all of the U.S. side of the river itself.

2.2.2 - General location

a) In which large administrative region does the site lie?	State of New York
b) What is the nearest town or population centre?	The City of Niagara Falls (population of 48,460) and City of Buffalo (population of 258,612) are the largest nearby population centers.

2.2.3 - For wetlands on national boundaries only

- a) Does the wetland extend onto the territory of one or more other countries? Yes No
- b) Is the site adjacent to another designated Ramsar Site on the territory of another Contracting Party? Yes No

2.2.4 - Area of the Site

Official area, in hectares (ha): 5247.7

Area, in hectares (ha) as calculated from GIS boundaries 5245.819

2.2.5 - Biogeography

Biogeographic regions

Regionalisation scheme(s)	Biogeographic region
Udvardy's Biogeographical Provinces	The Neararctic Realm - Great Lakes / Eastern Forests Biogeographical Provinces
WWF Terrestrial Ecoregions	Temperate Broadleaf & Mixed Forest (Carolinian)

3 - Why is the Site important?

3.1 - Ramsar Criteria and their justification

- Criterion 1: Representative, rare or unique natural or near-natural wetland types

Hydrological services provided

The Niagara River drains the majority of the Great Lakes Basin, which in total contains 84% of the surface freshwater of North America and 21% of the world's fresh surface water (US EPA website "Great Lakes"). Numerous population centres along the river obtain their drinking water from the river. On the U.S. side, approximately one million people get their freshwater directly from the river. Large cities on Lake Ontario, like Toronto, obtain their drinking water from the lake after it passes through the Niagara River. The water from the Niagara River is used to power the Robert Moses Niagara Power Plant on the U.S. side (Gawronski et al. 2006, NYPA "Niagara Power Plant"), and the Sir Adam Beck Hydroelectric Generating Station on the Canadian side (NPC "The History of Sir Adam Beck"). Electricity from these two hydroelectric power plants is used by millions of people in the U.S. and Canada. The water from the river is also used by industry along the river, especially on the U.S. side, as well as agriculture, especially on the Canadian side.

Other ecosystem services provided

The Niagara River Corridor provides numerous other non-hydrological ecosystem services. The river is the spawning ground for many freshwater fish species that support fisheries, sport fishing, and some subsistence fishing in the river itself and surrounding lakes. The river supports recreation, especially water-based recreation like boating and tourism. In fact, more than 22.5 million people visit both sides of Niagara Falls annually (Travel and Leisure "World's Most Visited Tourist Attractions"), 125 million people live within an 8-hour drive, multi-billion dollar spending on tourism and recreational occurs annually, over 100,000 students are enrolled in over 20 local colleges and universities, and the Niagara River is located within the "Golden Horseshoe" (an international region extending from metropolitan Toronto, through the Southern Ontario and Buffalo-Niagara regions, to Rochester, NY) (<http://www.niagarafallsredevelopment.com/niagara-falls-facts/>). The river is also the basis of countless scientific studies and monitoring programs, including several annual bird counts by the Buffalo Ornithological Society, fish monitoring programs of the U.S. Fish and Wildlife Service, the Great Lakes Marsh Monitoring Program by Bird Studies Canada, and many more conducted by university researchers.

Other reasons

The Niagara River is unique because it is home to Niagara Falls, three separate waterfalls which combine to form the highest volume waterfall in North America (including the Great Lakes/Eastern Forests Biogeographical Provinces) (World Waterfall Database "Niagara Falls").

The Niagara River is a strait connecting two larger fresh water lakes, Lake Erie and Lake Ontario. There are few other straits in North America (including the Great Lakes/Eastern Forests Biogeographical Provinces) that connect large bodies of freshwater, and none that carry as much water annually as the Niagara River, making the Niagara River unique.

The New York State Department of State has identified numerous Significant Coastal Fish and Wildlife Habitats within the Niagara River Corridor, including a riverine littoral zone in the upper Niagara River that is a rare ecosystem type in the Great Lakes and extremely valuable fish and wildlife habitat (NYS DOS "Significant Coastal Fish & Wildlife Habitats").

The 30-hectare cattail marsh at the Tiff Nature Preserve is the largest section remaining of a much larger marsh once found at the mouth of the Buffalo River on Lake Erie and previously common on the Great Lakes (Spiering 2009), and is representative of the Tp: Permanent freshwater marshes/ pools wetland type. The marshes in Buckhorn Island State Park, the East River Marsh, and Strawberry Island are also representative of the Tp: Permanent freshwater marshes/ pools wetland type.

Economic opportunities surround the Niagara River Corridor. The U.S. side of the Niagara region (Erie, Genesee, Niagara, Orleans, and Wyoming counties) attracts 22.5 million visitors annually. The tourism industry associated with the Niagara region has \$2.7 billion of sales annually, supports 53,168 jobs, and generates generated \$891 million in direct labor income and \$1.5 billion of income including indirect and induced impacts. Tourism generates 13.2% of Niagara County's labor income and 4.4% of Erie County's labor income. (<https://www.wycochamber.org/files/mgQwaU/NYS%20Tourism%20Impact%20-%20Greater%20Niagara%202017.pdf>)

Criterion 2 : Rare species and threatened ecological communities

Criterion 3 : Biological diversity

Justification

Of the high biological diversity supported at the Niagara River Corridor, at least one species is considered a "keystone" species: the Emerald Shiner (*Notropis atherinoides*). Although much of the Emerald Shiner's life cycle is unknown, they are considered the base of the food web for many fish-eating birds and sports fish. They are particularly important to the Common Tern (*Sterna hirundo*), a NYS threatened species ("New projects: Researching a keystone species in the Niagara River").

Criterion 4 : Support during critical life cycle stage or in adverse conditions

Criterion 5 : >20,000 waterbirds

Overall waterbird numbers

Greater than 120,000 (single day observations have exceeded 100,000 gulls and 20,000 waterfowl).

Start year

1979

Source of data:

Source of data: Important Bird Areas in Canada website. "IBA Database – Niagara River Corridor". Retrieved on 11/15/2014.

Criterion 6 : >1% waterbird population

Criterion 7 : Significant and representative fish

Justification

The Niagara River Corridor sustains at least 89 species of indigenous, freshwater fish. (see Appendix 1)

Criterion 8 : Fish spawning grounds, etc.

Justification

The New York State Department of State has identified numerous Significant Coastal Fish and Wildlife Habitats within the Niagara River Corridor (NYS DOS "Significant Coastal Fish and Wildlife Habitats"). Most of these are important spawning grounds for native freshwater fish. From recent studies, at least 41 species of fish are known to spawn in the Niagara River, although it is likely that more species spawn there. (see Appendix 1)

3.2 - Plant species whose presence relates to the international importance of the site

Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
<i>Carex garberi</i>	Elk Sedge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Endangered (NYS)	
<i>Fraxinus americana</i>	White Ash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CR	<input type="checkbox"/>		
<i>Fraxinus pennsylvanica</i>	Red/Green Ash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CR	<input type="checkbox"/>		
<i>Gentianopsis virgata</i>	Lesser Fringed Gentian	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC	<input type="checkbox"/>	Endangered (NYS)	
<i>Pellaea glabella glabella</i>	Smooth Cliff-brake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	ESA threatened	
<i>Symphotrichum oolentangiense</i>	Sky Blue Aster	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Endangered (NYS)	

See full species lists in Appendix 1

Other status lists include:

- US (Endangered Species Act) - "U.S. Fish and Wildlife Service, Endangered Species" (<http://www.fws.gov/ENDANGERED/species/us-species.html>)
- New York State (Natural Heritage Program) - New York Rare Plant Status Lists, 2017, Edited by Stephen M. Young (https://www.dec.ny.gov/docs/wildlife_pdf/2017rareplantlists.pdf)

Additional notes on the criteria:

- For criteria two, species that are listed in the IUCN Red List, CITES, or any of the federal or state lists satisfy this criteria.

3.3 - Animal species whose presence relates to the international importance of the site

Phylum	Scientific name	Common name	Species qualifies under criterion			Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence ¹⁾	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7								
Birds																	
CHORDATA/AVES	<i>Acanthis flammea</i>	Common Redpoll	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory
CHORDATA/AVES	<i>Accipiter cooperii</i>	Cooper's Hawk	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS) & CITES Appendix II	Overwintering Migratory Nesting
CHORDATA/AVES	<i>Accipiter gentilis</i>	Northern Goshawk	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS) & CITES Appendix II	
CHORDATA/AVES	<i>Accipiter striatus</i>	Sharp-shinned Hawk	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS) CITES Appendix II	Overwintering Migratory Nesting
CHORDATA/AVES	<i>Actitis macularius</i>	Spotted Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Aegolius acadicus</i>	Northern Saw-whet Owl	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/AVES	<i>Agelaius phoeniceus</i>	Red-winged Blackbird	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Mgratory Nesting
CHORDATA/AVES	<i>Aix sponsa</i>	Wood Duck	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory / Nesting
CHORDATA/AVES	<i>Ammodramus henslowii</i>	Henslow's Sparrow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	Threatened (NYS)	Migratory
CHORDATA/AVES	<i>Ammodramus savannarum</i>	Grasshopper Sparrow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS)	Migratory Nesting
CHORDATA/AVES	<i>Anas acuta</i>	Northern Pintail	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird / Migratory
CHORDATA/AVES	<i>Anas americana</i>	American Wigeon	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Migratory / Nesting
CHORDATA/AVES	<i>Anas clypeata</i>	Northern Shoveler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Migratory / Nesting
CHORDATA/AVES	<i>Anas crecca</i>	Green-winged Teal; Eurasian Teal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory / Nesting
CHORDATA/AVES	<i>Anas discors</i>	Blue-winged Teal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Migratory / Nesting
CHORDATA/AVES	<i>Anas platyrhynchos</i>	Mallard	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Migratory Waterbird Nesting
CHORDATA/AVES	<i>Anas rubripes</i>	American Black Duck	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Migratory Waterbird Nesting
CHORDATA/AVES	<i>Anas strepera</i>	Gadwall	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird
CHORDATA/AVES	<i>Anser albifrons</i>	Greater White-fronted Goose	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Anthus rubescens</i>	Buff-bellied Pipit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Aquila chrysaetos</i>	Golden Eagle	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Endangered (NYS) CITES Appendix II	
CHORDATA/AVES	<i>Archilochus colubris</i>	Ruby-throated Hummingbird	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Ardea alba</i>	Great Egret	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory / Nesting
CHORDATA/AVES	<i>Ardea herodias</i>	Great Blue Heron	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory Nesting
CHORDATA/AVES	<i>Arenaria interpres</i>	Ruddy Turnstone	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Asio flammeus</i>	Short-eared Owl	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Endangered (NYS)	Overwintering Migratory
CHORDATA/AVES	<i>Asio otus</i>	Long-eared Owl	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory
CHORDATA/AVES	<i>Aythya affinis</i>	Lesser Scaup	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Aythya americana</i>	Redhead	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Aythya collaris</i>	Ring-necked Duck	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Aythya marila</i>	Greater Scaup	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15000	1979	2	LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Aythya valisineria</i>	Canvasback	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14000	1997	2	LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Baeolophus bicolor</i>	Tufted Titmouse	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/AVES	<i>Bartramia longicauda</i>	Upland Sandpiper	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Threatened (NYS)	Migratory / Nesting
CHORDATA/AVES	<i>Bombycilla cedrorum</i>	Cedar Waxwing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory Nesting
CHORDATA/AVES	<i>Bonasa umbellus</i>	Ruffed Grouse	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering
CHORDATA/AVES	<i>Botaurus lentiginosus</i>	American Bittern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS)	Migratory / Nesting
CHORDATA/AVES	<i>Branta bernicla</i>	Brent Goose; Brant Goose	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Branta canadensis</i>	Canada Goose	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Bubo scandiacus</i>	Snowy Owl	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				VU	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory
CHORDATA/AVES	<i>Bubo virginianus</i>	Great Horned Owl	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Bucephala albeola</i>	Bufflehead	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Bucephala clangula</i>	Common Goldeneye	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Buteo jamaicensis</i>	Red-tailed Hawk	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	CITES Appendix II	Overwintering / Nesting
CHORDATA/AVES	<i>Buteo lineatus</i>	Red-shouldered Hawk	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS) & CITES Appendix II	Migratory
CHORDATA/AVES	<i>Buteo platypterus</i>	Broad-winged Hawk	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	CITES Appendix II	Migratory / Nesting
CHORDATA/AVES	<i>Butorides virescens</i>	Green Heron	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Migratory / Nesting
CHORDATA/AVES	<i>Calcarius lapponicus</i>	Lapland Longspur	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory
CHORDATA/AVES	<i>Calidris alba</i>	Sanderling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Calidris alpina</i>	Dunlin	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Calidris bairdii</i>	Baird's Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Calidris canutus</i>	Red Knot	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Calidris fuscicollis</i>	White-rumped Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Calidris himantopus</i>	Stilt Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Calidris maritima</i>	Purple Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Calidris mauri</i>	Western Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Calidris melanotos</i>	Pectoral Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Calidris minutilla</i>	Least Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Calidris pusilla</i>	Semipalmated Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Caprimulgus vociferus</i>	Whip-poor-will	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS)	Migratory

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/AVES	<i>Cardellina canadensis</i>	Canada Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory	
CHORDATA/AVES	<i>Cardellina pusilla</i>	Wilson's Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory	
CHORDATA/AVES	<i>Cardinalis cardinalis</i>	Northern Cardinal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting	
CHORDATA/AVES	<i>Cathartes aura</i>	Turkey Vulture	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting	
CHORDATA/AVES	<i>Catharus fuscescens</i>	Veery	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting	
CHORDATA/AVES	<i>Catharus guttatus</i>	Hermit Thrush	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory	
CHORDATA/AVES	<i>Catharus minimus</i>	Grey-cheeked Thrush; Gray-cheeked Thrush	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory	
CHORDATA/AVES	<i>Catharus ustulatus</i>	Swainson's Thrush	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory	
CHORDATA/AVES	<i>Certhia americana</i>	Brown Creeper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting	
CHORDATA/AVES	<i>Chaetura pelagica</i>	Chimney Swift	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				VU	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting	
CHORDATA/AVES	<i>Charadrius melodus</i>	Piping Plover	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>	Endangered (US, NYS)		
CHORDATA/AVES	<i>Charadrius semipalmatus</i>	Semipalmated Plover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory	
CHORDATA/AVES	<i>Charadrius vociferus</i>	Killdeer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting	
CHORDATA/AVES	<i>Chen caerulescens</i>	Snow Goose	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Migratory	
CHORDATA/AVES	<i>Chlidonias niger</i>	Black Tern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Endangered (NYS)	Migratory Nesting	
CHORDATA/AVES	<i>Chordeiles minor</i>	Common Nighthawk	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS)	Migratory Nesting	
CHORDATA/AVES	<i>Chroicocephalus philadelphia</i>	Bonaparte's Gull	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	100000	1995	25		<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory	
CHORDATA/AVES	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Migratory	
CHORDATA/AVES	<i>Circus cyaneus</i>	Northern Harrier	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Threatened (NYS) CITES Appendix II	Overwintering / Waterbird Migratory Nesting	
CHORDATA/AVES	<i>Cistothorus palustris</i>	Marsh Wren	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting	
CHORDATA/AVES	<i>Cistothorus platensis</i>	Sedge Wren	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Threatened (NYS)	Migratory	
CHORDATA/AVES	<i>Clangula hyemalis</i>	Oldsquaw; Long-tailed Duck	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				VU	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory	
CHORDATA/AVES	<i>Coccyzus americanus</i>	Yellow-billed Cuckoo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting	
CHORDATA/AVES	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting	
CHORDATA/AVES	<i>Colaptes auratus</i>	Northern Flicker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory Nesting	
CHORDATA/AVES	<i>Contopus cooperi</i>	Olive-sided Flycatcher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>		Migratory	
CHORDATA/AVES	<i>Contopus virens</i>	Eastern Wood-Pewee; Eastern Wood Pewee	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting	

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			2	4	6	9	3	5	7	8								
CHORDATA/AVES	<i>Corvus brachyrhynchos</i>	American Crow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Cyanocitta cristata</i>	Blue Jay	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Cygnus columbianus</i>	Tundra Swan	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Nesting
CHORDATA/AVES	<i>Dolichonyx oryzivorus</i>	Bobolink	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Dryocopus pileatus</i>	Pileated Woodpecker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Dumetella carolinensis</i>	Grey Catbird	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Egretta thula</i>	Snowy Egret	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Nesting
CHORDATA/AVES	<i>Empidonax alnorum</i>	Alder Flycatcher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Empidonax flaviventris</i>	Yellow-bellied Flycatcher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Empidonax minimus</i>	Least Flycatcher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Empidonax traillii</i>	Willow Flycatcher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Empidonax virescens</i>	Acadian Flycatcher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Eremophila alpestris</i>	Horned Lark	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS)	Overwintering Migratory Nesting
CHORDATA/AVES	<i>Euphagus carolinus</i>	Rusty Blackbird	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				VU	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Falco columbarius</i>	Merlin	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	CITES Appendix II	Migratory Nesting
CHORDATA/AVES	<i>Falco peregrinus</i>	Peregrine Falcon	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Endangered (NYS)	Migratory Nesting
CHORDATA/AVES	<i>Falco rusticolus</i>	Gyr Falcon	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Full migrant
CHORDATA/AVES	<i>Falco sparverius</i>	American Kestrel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Fulica americana</i>	American Coot	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird
CHORDATA/AVES	<i>Gallinago delicata</i>	Wilson's Snipe	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Gavia immer</i>	Great Northern Loon; Great Northern Diver; Common Loon	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS)	Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Gavia stellata</i>	Red-throated Loon; Red-throated Diver	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Geothlypis philadelphia</i>	Mourning Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Nesting
CHORDATA/AVES	<i>Geothlypis trichas</i>	Common Yellowthroat	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Grus canadensis</i>	Sandhill Crane	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	CITES Appendix I	Migratory
CHORDATA/AVES	<i>Haemorhous purpureus</i>	Purple Finch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory Nesting

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/AVES	<i>Haliaeetus leucocephalus</i>	Bald Eagle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Threatened (NYS) & CITES Appendix II	Overwintering / Waterbird Nesting
CHORDATA/AVES	<i>Helminthos vermivorum</i>	Worm-eating Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Hesperiphona vespertina</i>	Evening Grosbeak	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				VU	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory
CHORDATA/AVES	<i>Histrionicus histrionicus</i>	Harlequin Duck	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	species of concern in U.S.	Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Hydrocoloeus minutus</i>	Little Gull	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Hydroprogne caspia</i>	Caspian Tern	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Hylocichla mustelina</i>	Wood Thrush	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Icteria virens</i>	Yellow-breasted Chat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS)	Migratory
CHORDATA/AVES	<i>Icterus galbula</i>	Baltimore Oriole	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Icterus spurius</i>	Orchard Oriole	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Ixobrychus exilis</i>	Least Bittern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Threatened (NYS)	Migratory / Nesting
CHORDATA/AVES	<i>Junco hyemalis</i>	Dark-eyed Junco	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory Nesting
CHORDATA/AVES	<i>Lanius excubitor</i>	Northern Shrike; Great Grey Shrike	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory
CHORDATA/AVES	<i>Lanius ludovicianus</i>	Loggerhead Shrike	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>	Endangered (NYS)	
CHORDATA/AVES	<i>Larus argentatus</i>	European Herring Gull	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	50000	1997	1	LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Nesting
CHORDATA/AVES	<i>Larus delawarensis</i>	Ring-billed Gull	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	32000	1998	1	LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Nesting
CHORDATA/AVES	<i>Larus fuscus</i>	Lesser Black-backed Gull	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Larus glaucooides</i>	Iceland Gull	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Larus hyperboreus</i>	Glaucous Gull	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Larus marinus</i>	Great Black-backed Gull	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Larus thayeri</i>	Thayer's Gull	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Leiothlypis celata</i>	Orange-crowned Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Leiothlypis peregrina</i>	Tennessee Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Leiothlypis ruficapilla</i>	Nashville Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Leucophaeus pipixcan</i>	Franklin's Gull	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Limnodromus griseus</i>	Short-billed Dowitcher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Limosa fedoa</i>	Marbled Godwit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory

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			2	4	6	9	3	5	7	8								
CHORDATA/AVES	<i>Limosa haemastica</i>	Hudsonian Godwit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Lophodytes cucullatus</i>	Hooded Merganser	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Loxia leucoptera</i>	White-winged Crossbill; Two-barred Crossbill	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Megaceryle alcyon</i>	Belted Kingfisher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Megascops asio</i>	Eastern Screech Owl; Eastern Screech-Owl	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Melanerpes carolinus</i>	Red-bellied Woodpecker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Melanerpes erythrocephalus</i>	Red-headed Woodpecker	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS)	Migratory Nesting
CHORDATA/AVES	<i>Melanitta nigra americana</i>	Black Scoter	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Melanitta perspicillata</i>	Surf Scoter	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Meleagris gallopavo</i>	Wild Turkey	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Melospiza georgiana</i>	Swamp Sparrow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Melospiza lincolni</i>	Lincoln's Sparrow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Melospiza melodia</i>	Song Sparrow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory Nesting
CHORDATA/AVES	<i>Mergus merganser</i>	Common Merganser	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Mergus serrator</i>	Red-breasted Merganser	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9000	2011	2	LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Mimus polyglottos</i>	Northern Mockingbird	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Mniotilta varia</i>	Black-and-white Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Molothrus ater</i>	Brown-headed Cowbird	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory Nesting
CHORDATA/AVES	<i>Myiarchus crinitus</i>	Great Crested Flycatcher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Numenius phaeopus</i>	Whimbrel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Nycticorax nycticorax</i>	Black-crowned Night-Heron; Black-crowned Night Heron	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory / Nesting
CHORDATA/AVES	<i>Oporornis agilis</i>	Connecticut Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Oxyura jamaicensis</i>	Ruddy Duck	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Pandion haliaetus</i>	Western Osprey, Osprey	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	CITES Appendix II & Special Concern (NYS)	Migratory Nesting
CHORDATA/AVES	<i>Parkesia motacilla</i>	Louisiana Waterthrush	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Parkesia noveboracensis</i>	Northern Waterthrush	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting

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CHORDATA/AVES	<i>Passerculus sandwichensis</i>	Savannah Sparrow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Passer domesticus</i>	House Sparrow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Passerella iliaca</i>	Fox Sparrow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Passerina cyanea</i>	Indigo Bunting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow; American Cliff Swallow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Phalacrocorax auritus</i>	Double-crested Cormorant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory Nesting
CHORDATA/AVES	<i>Phalaropus fulicarius</i>	Red Phalarope	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Phalaropus lobatus</i>	Red-necked Phalarope	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Phalaropus tricolor</i>	Wilson's Phalarope	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Picoides pubescens</i>	Downy Woodpecker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Picoides villosus</i>	Hairy Woodpecker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Pinicola enucleator</i>	Pine Grosbeak	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Pipilo erythrophthalmus</i>	Rufous-sided Towhee; Eastern Towhee	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Piranga olivacea</i>	Scarlet Tanager	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Plectrophenax nivalis</i>	Snow Bunting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory
CHORDATA/AVES	<i>Pluvialis dominica</i>	American Golden-Plover; American Golden Plover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Pluvialis squatarola</i>	Black-bellied Plover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Podiceps auritus</i>	Homed Grebe	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				VU	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Migratory
CHORDATA/AVES	<i>Podilymbus podiceps</i>	Pied-billed Grebe	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Threatened (NYS)	Overwintering / Waterbird Migratory Nesting
CHORDATA/AVES	<i>Poecile atricapillus</i>	Black-capped Chickadee	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Poliophtila caerulea</i>	Blue-grey Gnatcatcher; Blue-grey Gnatcatcher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Poocetes gramineus</i>	Vesper Sparrow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS)	Migratory
CHORDATA/AVES	<i>Porzana carolina</i>	Sora	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory / Nesting
CHORDATA/AVES	<i>Progne subis</i>	Purple Martin	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Protonotaria citrea</i>	Prothonotary Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/AVES	<i>Pterodroma hasitata</i>	Black-capped Petrel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				EN	<input type="checkbox"/>	<input type="checkbox"/>		
CHORDATA/AVES	<i>Quiscalus quiscula</i>	Common Grackle	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Rallus elegans</i>	King Rail	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>	Threatened (NYS)	
CHORDATA/AVES	<i>Rallus limicola</i>	Virginia Rail	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory/ Nesting
CHORDATA/AVES	<i>Recurvirostra americana</i>	American Avocet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Regulus calendula</i>	Ruby-crowned Kinglet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Regulus satrapa</i>	Golden-crowned Kinglet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory
CHORDATA/AVES	<i>Rissa tridactyla</i>	Black-legged Kittiwake	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				VU	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Sayornis phoebe</i>	Eastern Phoebe	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Scalopax minor</i>	American Woodcock	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Seiurus aurocapilla</i>	Ovenbird	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Setophaga americana</i>	Northern Parula	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Setophaga caeruleascens</i>	Black-throated Blue Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Setophaga castanea</i>	Bay-breasted Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Setophaga cerulea</i>	Cerulean Warbler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				VU	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Special Concern (NYS)	Migratory
CHORDATA/AVES	<i>Setophaga coronata</i>	Yellow-rumped Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Setophaga discolor</i>	Prairie Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Setophaga fusca</i>	Blackburnian Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Setophaga magnolia</i>	Magnolia Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Setophaga pensylvanica</i>	Chestnut-sided Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Setophaga petechia</i>	Yellow Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Setophaga pinus</i>	Pine Warbler	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Setophaga ruticilla</i>	American Redstart	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Setophaga striata</i>	Blackpoll Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Setophaga tigrina</i>	Cape May Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Setophaga virens</i>	Black-throated Green Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Sialia sialis</i>	Eastern Bluebird	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory Nesting

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/AVES	<i>Sitta canadensis</i>	Red-breasted Nuthatch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Sitta carolinensis</i>	White-breasted Nuthatch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Somateria spectabilis</i>	King Eider	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering / Waterbird Mgratory
CHORDATA/AVES	<i>Sphyrapicus varius</i>	Yellow-bellied Sapsucker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Spinus pinus</i>	Pine Siskin	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Mgratory
CHORDATA/AVES	<i>Spinus tristis</i>	American Goldfinch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Spiza americana</i>	Dickcissel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Spizella pallida</i>	Clay-colored Sparrow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Spizella pusilla</i>	Field Sparrow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Spizella arctica</i>	American Tree Sparrow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Mgratory
CHORDATA/AVES	<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Stercorarius parasiticus</i>	Parasitic Jaeger	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Sterna hirundo</i>	Common Tern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Threatened (NYS)	Migratory Nesting
CHORDATA/AVES	<i>Sturnella magna</i>	Eastern Meadowlark	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Tachycineta bicolor</i>	Tree Swallow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Thryothorus ludovicianus</i>	Carolina Wren	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Toxostoma rufum</i>	Brown Thrasher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Tringa flavipes</i>	Lesser Yellowlegs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Tringa melanoleuca</i>	Greater Yellowlegs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Tringa semipalmata</i>	Willet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Tringa solitaria</i>	Solitary Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Troglodytes aedon</i>	House Wren	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Troglodytes hiemalis</i>	Winter Wren	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Tryngites subruficollis</i>	Buff-breasted Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Turdus migratorius</i>	American Robin	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Mgratory Nesting
CHORDATA/AVES	<i>Tyrannus tyrannus</i>	Eastern Kingbird	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Tyto alba</i>	Barn Owl	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	CITES Appendix II	Nesting

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CHORDATA/AVES	<i>Vermivora chrysoptera</i>	Golden-winged Warbler	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS)	Migratory
CHORDATA/AVES	<i>Vermivora cyanoptera</i>	Blue-winged Warbler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Vireo flavifrons</i>	Yellow-throated Vireo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Vireo gilvus</i>	Warbling Vireo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Vireo griseus</i>	White-eyed Vireo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Vireo olivaceus</i>	Red-eyed Vireo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory Nesting
CHORDATA/AVES	<i>Vireo philadelphicus</i>	Philadelphia Vireo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Vireo solitarius</i>	Blue-headed Vireo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Xema sabini</i>	Sabine's Gull	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
CHORDATA/AVES	<i>Zenaidura macroura</i>	Mourning Dove	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Nesting
CHORDATA/AVES	<i>Zonotrichia albicollis</i>	White-throated Sparrow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Overwintering Migratory
CHORDATA/AVES	<i>Zonotrichia leucophrys</i>	White-crowned Sparrow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Migratory
Fish, Mollusc and Crustacea																		
CHORDATA/ACTINOPTERYGII	<i>Acipenser fulvescens</i>	Lake Sturgeon; Lake Sturgeon; Lake Sturgeon; Lake Sturgeon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>	Threatened (NYS) CITES Appendix II	Indigenous
CHORDATA/ACTINOPTERYGII	<i>Ambloplites rupestris</i>	Northern rock bass	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ACTINOPTERYGII	<i>Ameiurus melas</i>	Black Bullhead	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ACTINOPTERYGII	<i>Ameiurus natalis</i>	Yellow bullhead; Yellow bullhead; Yellow bullhead; Yellow bullhead	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ACTINOPTERYGII	<i>Ameiurus nebulosus</i>	Northern brown bullhead; Mudcat; Mnister; Hornpout; Horned pout; Common catfish; Brown catfish	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ACTINOPTERYGII	<i>Amia calva</i>	Bowfin	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ACTINOPTERYGII	<i>Anguilla rostrata</i>	American Eel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			EN	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ACTINOPTERYGII	<i>Aplodinotus grunniens</i>	Freshwater drum; Freshwater drum; Freshwater drum; Freshwater drum; Freshwater drum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous

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			2	4	6	9	3	5	7	8								
CHORDATA/ ACTINOPTERYGII	<i>Campostoma anomalum</i>	Central stoneroller; Central stoneroller; Central stoneroller; Central stoneroller	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Carpionodes cyprinus</i>	Quillback Carp sucker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Catostomus catostomus</i>	Longnose Sucker	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Catostomus commersonii</i>	White Sucker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Coregonus clupeaformis</i>	Great Lakes whitefish; Inland whitefish; Gizzard fish; Eastern whitefish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Cottus bairdii</i>	Speckled sculpin; Beard's sculpin; Miller's thumb; Freshwater sculpin; Blob	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Cottus cognatus</i>	Slimy muddler; Cockatouch; Common slimy muddler; Bear Lake bullhead	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Couesius plumbeus</i>	Plumbeus minnow; Moose lake minnow; Northern chub; Lake northern chub; Creek chub; Bottletfish; Chub minnow	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Culaea inconstans</i>	Variable stickleback; Six-spined stickleback; Five-spined stickleback; Common stickleback; Common freshwater stickleback	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Cyprinella spiloptera</i>	Spotfin shiner; Spotfin shiner; Spotfin shiner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Erimyzon sucetta</i>	Lake chubsucker; Lake chubsucker	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>	Threatened (NYS)	Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Esox americanus</i>	Grass Pickerel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Esox lucius</i>	Great northern pike	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning

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			2	4	6	9	3	5	7	8								
CHORDATA/ ACTINOPTERYGII	<i>Esox masquinongy</i>	Wisconsin muskie; White pike; White pickerel; Ohio muskie; Muskie; Mascalonge; Lunge; Great pike; Barred muskie; Allegheny River pike	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Etheostoma blennioides</i>	Greenside darter; Greenside darter; Greenside darter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Etheostoma caeruleum</i>	Rainbow darter; Rainbow darter; Rainbow darter	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Etheostoma exile</i>	Yellowbelly; Weed darter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Etheostoma flabellare</i>	Fantail darter; Fantail darter; Fantail darter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Etheostoma nigrum</i>	Johnny darter	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Etheostoma olmstedii</i>	Tessellated darter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Hiodon tergisus</i>	Mboneye; Mboneye; Mboneye; Notch-finned hiodon; River whitefish; Moon-eye	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>	Threatened (NYS)	Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Hypentelium nigricans</i>	Northern hog sucker; Northern hog sucker; Northern hog sucker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Ictalurus punctatus</i>	Channel catfish; Channel catfish; Channel catfish; Channel catfish; Channel catfish; Channel catfish; Channel catfish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Ictiobus cyprinellus</i>	Bigmouth buffalo; Bigmouth buffalo; Bigmouth buffalo; Bigmouth buffalo; Bigmouth buffalo	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Labidesthes sicculus</i>	Brook silverside; Brook silverside; Brook silverside	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Lepisosteus osseus</i>	Longnose gar; Longnose gar	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Lepomis cyanellus</i>	Green sunfish; Green sunfish; Green sunfish	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning

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CHORDATA/ ACTINOPTERYGII	<i>Lepomis gibbosus</i>	Yellow sunfish; Sunny; Punky; Sun bass; Pumpkinseed sunfish; Pond perch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Lepomis macrochirus</i>	Bluegill sunfish; Bluegill sunfish; Bluegill sunfish	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Lepomis megalotis</i>	Pumpkinseed; Northern longear; Great lakes longear; Creek perch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>	Threatened (NYS)	Indigenous
CHORDATA/ CEPHALASPIDOMORPHI	<i>Lethenteron appendix</i>	American Brook Lamprey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Lota lota</i>	María; Freshwater cod; Lush; American burbot	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Luxilus chrysocephalus</i>	Striped shiner; Striped shiner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Luxilus cornutus</i>	Common shiner; Common shiner; Common shiner	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Lythrurus umbratilis</i>	Redfin shiner; Redfin shiner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS)	Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Micropterus dolomieu</i>	Smallmouth Bass	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Micropterus salmoides</i>	Largemouth black bass; Largemouth black bass; Northern largemouth bass; Largemouth	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Morone chrysops</i>	White Bass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Moxostoma anisurum</i>	White nose redhorse; White nosed mullet; White nosed sucker; Silver mullet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Moxostoma duquesnii</i>	Greater Redhorse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Moxostoma erythrurum</i>	Golden redhorse; Golden redhorse; Golden redhorse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Moxostoma macrolepidotum</i>	Northern shorthead redhorse; Common redhorse; Northern redhorse; Common mullet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Myoxocephalus thompsonii</i>	Deepwater sculpin; Deepwater sculpin	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>	Endangered	Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Nocomis biguttatus</i>	Homyhead chub; Homyhead chub; Homyhead chub	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/ ACTINOPTERYGII	<i>Nocomis micropogon</i>	River chub; River chub; River chub	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Notemigonus crysoleucas</i>	Golden shiner minnow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Notropis atherinoides</i>	Shiner; Common emerald shiner; Lake emerald shiner; Lake shiner	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Keystone, Indigenous, Spawning
CHORDATA/ ACTINOPTERYGII	<i>Notropis bifrenatus</i>	Bridle shiner; Bridle shiner	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Notropis heterodon</i>	Blackchin shiner; Blackchin shiner; Blackchin shiner	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Notropis heterolepis</i>	Blacknose shiner; Blacknose shiner; Blacknose shiner	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Notropis hudsonius</i>	Spot-tail minnow; Spot-tail minnow; Sucking carp; Spottail; Spawneater	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Notropis rubellus</i>	Rosyface shiner; Rosyface shiner; Rosyface shiner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Notropis stramineus</i>	Sand shiner; Sand shiner; Sand shiner; Sand shiner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Notropis volucellus</i>	Mmic shiner; Mmic shiner; Mmic shiner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Noturus flavus</i>	Stonecat; Stonecat; Stonecat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Noturus gyrinus</i>	Tadpole madtom; Tadpole madtom; Tadpole madtom	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Noturus miurus</i>	Brindled madtom; Brindled madtom	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Perca flavescens</i>	Yellow Perch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Percina caprodes</i>	Manitou darter; Log perch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Percina maculata</i>	Blackside darter; Blackside darter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Percopsis omiscomaycus</i>	Troutperch; Silver chub	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Pimephales notatus</i>	Bluntnose minnow; Bluntnose minnow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Pimephales promelas</i>	Fathead Mnnow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Pomoxis annularis</i>	White Crappie	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Pomoxis nigromaculatus</i>	Black Crappie	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Rhinichthys atratulus</i>	Blacknose dace; Blacknose dace; Blacknose dace	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Indigenous

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification	
			2	4	6	9	3	5	7	8									
CHORDATA/ ACTINOPTERYGII	<i>Rhinichthys cataractae</i>	Longnose dace; Longnose dace; Longnose dace; Longnose dace	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Salvelinus namaycush</i>	Lake trout(=Char)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Indigenous Spawning
CHORDATA/ ACTINOPTERYGII	<i>Sander canadensis</i>	Sauger	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Sander vitreus</i>	Walleye	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Semotilus atromaculatus</i>	Creek Chub	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Semotilus corporalis</i>	Windfish; White; Shining dace; Roughnosed chub; Mohawk; Corporal; Chivin; American chub	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
CHORDATA/ ACTINOPTERYGII	<i>Umbra limi</i>	Central mudminnow; Central mudminnow	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Indigenous
Others																			
CHORDATA/ AMPHIBIA	<i>Ambystoma jeffersonianum</i>	Jefferson Salamander	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS)	
CHORDATA/ AMPHIBIA	<i>Ambystoma laterale</i>	Blue-Spotted Salamander	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Special Concern (NYS)	
CHORDATA/ REPTILIA	<i>Emydoidea blandingii</i>	Blanding's Turtle	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				EN	<input type="checkbox"/>	<input type="checkbox"/>	CITES Appendix II	
CHORDATA/ REPTILIA	<i>Graptemys geographica</i>	Common Map Turtle	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	CITES Appendix III	Nesting

1) Percentage of the total biogeographic population at the site

See full species lists in Appendix 1. Other status lists include:

- US (Endangered Species Act) - "U.S. Fish and Wildlife Service, Endangered Species" (<http://www.fws.gov/ENDANGERED/species/us-species.html>)
- New York State (Environmental Conservation Law) - List of Endangered, Threatened and Special Concern Fish & Wildlife Species of New York State (<http://www.dec.ny.gov/animals/7494.html>)

Additional notes on the criteria:

- For criteria three, the Emerald Shiner is considered a 'keystone' species, as referenced in "New Projects..." from the Fall 2013 Great Lakes Center (GLC) Newsletter.
- For criteria six, population estimates are from the Important Bird Areas in Canada "IBA Database – Niagara River Corridor."

Human impact:

- Birdwatching, hunting, photographing, and fishing opportunities provide a significant reason for the amount of tourism to the Niagara River Corridor. Several organizations and businesses that make a significant economic impact on the Niagara River Corridor are associated with such animal related activities.

3.4 - Ecological communities whose presence relates to the international importance of the site

Name of ecological community	Community qualifies under Criterion 2?	Description	Justification
Calcareous Cliff Community	<input checked="" type="checkbox"/>	This community occurs "on vertical exposures of resistant, calcareous bedrock (such as limestone or dolomite) or consolidated material; these cliffs often include ledges and small areas of talus (Edinger et al. 2002).	It is ranked S3 (vulnerable) because it is limited in distribution to calcareous regions of New York State, and because of threats including mineral extraction, adjacent upslope development and run-off, recreational overuse, and invasive species.
Calcareous Talus Slope Woodland	<input checked="" type="checkbox"/>	This community consists of "an open or closed canopy community that occurs on talus slopes composed of calcareous bedrock such as limestone or dolomite." (Edinger et al. 2002) This community is found in the Niagara River Gorge (EDR 2010).	This community is vulnerable because it is limited in distribution to calcareous regions of New York State, and because of threats including development, forest fragmentation, invasive species, recreational overuse, and over-browsing by deer.
Old Growth Forests	<input checked="" type="checkbox"/>	A small portion of forest in DeVeaux Woods State Park is a dedicated forest in the Old-Growth Forest Network.	Old growth forests are rare in the Niagara region and throughout New York State.

4 - What is the Site like? (Ecological character description)

4.1 - Ecological character

The ecological components that are most critical to determining the ecological character of the Niagara River Corridor are its major wetland type (M) and Köppen-Gieger Climate type (Dfb). The Niagara River is a freshwater, flowing, permanent river, connecting two large freshwater lakes. The river region has cold winters, warm summers, and year-round precipitation. The natural variability in the ecological character of the river is mostly seasonal, due to its climatic conditions, but the Niagara River stays open year-round even as most other freshwater in the region is frozen over in the cold winter. These conditions allow the river to support considerable populations of native fish and other aquatic organisms, as well as large congregations of waterbirds during winter months.

The most significant ecological services to humans that the river provides are fresh drinking water to large population centres and water used in hydroelectric power generation. On the U.S. side, the river is the source of drinking water for nearly one million people in two counties. The Niagara Power Project, which is home to one of the New York Power Authority's three visitor centers, operates with a dependable maximum net capacity of 2,675,000 kW. At the time it was built it was the largest hydropower facility in the Western world.

4.2 - What wetland type(s) are in the site?

Inland wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
Fresh water > Flowing water >> Mt Permanent rivers/ streams/ creeks	Niagara River	1	3450	Rare
Fresh water > Lakes and pools >> O: Permanent freshwater lakes	Lake Erie and Lake Ontario	4		
Fresh water > Marshes on inorganic soils >> Tp: Permanent freshwater marshes/ pools	Tift Nature Preserve, Times Beach Nature Preserve, Buckhorn Island State Park, Grass Island	2	100	
Fresh water > Marshes on inorganic soils >> Ts: Seasonal/ intermittent freshwater marshes/ pools on inorganic soils	N/A	4		
Fresh water > Marshes on inorganic soils >> W: Shrub-dominated wetlands	N/A	4		
Fresh water > Marshes on inorganic soils >> Xf: Freshwater, tree-dominated wetlands	N/A	4		

Human-made wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
9: Canals and drainage channels or ditches	Buffalo Shipping Canal	3	100	

Other non-wetland habitat

Other non-wetland habitats within the site	Area (ha) if known
Park and recreation areas, with a few large patches of mature forest.	1500

(ECD) Habitat connectivity: There's a high degree of habitat connectivity along the river corridor

4.3 - Biological components

4.3.1 - Plant species

Other noteworthy plant species

Scientific name	Common name	Position in range / endemism / other
<i>Cypripedium calceolus</i>	Yellow Lady Slipper	
<i>Epipactis helleborine</i>	Helleborine	

Invasive alien plant species

Scientific name	Common name	Impacts	
<i>Acer platanoides</i>	Norway Maple	Actually (major impacts)	No change
<i>Acer pseudoplatanus</i>	Sycamore Maple	Actually (major impacts)	No change
<i>Ailanthus altissima</i>	Tree of Heaven	Actually (minor impacts)	No change
<i>Alliaria petiolata</i>	Garlic Mustard	Actually (major impacts)	No change
<i>Artemisia vulgaris</i>	Mugwort	Actually (major impacts)	No change
<i>Berberis vulgaris</i>	Common Barberry	Actually (minor impacts)	No change
<i>Celastrus orbiculatus</i>	Oriental Bittersweet	Actually (major impacts)	No change
<i>Centaurea cuneifolia cuneifolia</i>	Spotted Knapweed	Actually (major impacts)	No change
<i>Cirsium arvense</i>	Canada Thistle	Actually (major impacts)	No change
<i>Elaeagnus umbellata</i>	Autumn Olive	Actually (major impacts)	No change
<i>Fallopia multiflora ciliinervis</i>	Japanese Knotweed	Actually (major impacts)	No change
<i>Ficaria verna</i>	Fig Buttercup	Actually (major impacts)	No change
<i>Hedera helix</i>	English ivy	Actually (minor impacts)	No change
<i>Hemerocallis fulva</i>	Orange Day Lily	Actually (minor impacts)	No change
<i>Hesperis matronalis</i>	Dame's Rocket	Actually (minor impacts)	No change
<i>Hypericum perforatum</i>	Common St. John's -wort	Actually (minor impacts)	No change
<i>Ligustrum vulgare</i>	Privet	Actually (minor impacts)	No change
<i>Lonicera chrysantha</i>	Morrow's Honeysuckle	Actually (major impacts)	No change
<i>Lonicera maackii</i>	Amur Honeysuckle	Actually (major impacts)	No change
<i>Lotus corniculatus</i>	Common Bird's-foot-trefoil	Actually (minor impacts)	No change
<i>Lysimachia nummularia</i>	Creeping Jennie	Actually (minor impacts)	No change
<i>Lythrum salicaria</i>	Purple Loosestrife	Actually (major impacts)	No change
<i>Morus alba</i>	White Mulberry	Actually (minor impacts)	No change
<i>Phleum pratense</i>	Timothy	Actually (minor impacts)	No change
<i>Phragmites australis</i>	Common Reed	Actually (major impacts)	No change
<i>Prunus avium</i>	Sweet Cherry	Actually (minor impacts)	No change
<i>Rhamnus cathartica</i>	Common Buckthorn	Actually (major impacts)	No change
<i>Robinia pseudoacacia</i>	Black Locust	Actually (major impacts)	No change
<i>Rosa clinophylla</i>	Multiflora Rose	Actually (major impacts)	No change
<i>Rubus phoenicolasius</i>	Wineberry	Actually (major impacts)	No change
<i>Securigera varia</i>	Trailing Crown Vetch	Actually (minor impacts)	No change
<i>Tussilago farfara</i>	Coltsfoot	Actually (minor impacts)	No change
<i>Veronica officinalis</i>	Common Speedwell	Actually (minor impacts)	No change
<i>Viburnum lantana</i>	Wayfaring Tree	Actually (minor impacts)	No change
<i>Vicia cracca</i>	Cow Vetch	Actually (minor impacts)	No change
<i>Vinca minor</i>	Common Periwinkle	Actually (minor impacts)	No change
<i>Wisteria sinensis</i>	Chinese Wisteria	Actually (minor impacts)	No change

Optional text box to provide further information

Large beds of subaquatic vegetation sustain populations of fish, amphibians, and aquatic invertebrates.
 Note – Rating of the impact of the species on the character of the site is based on New York Invasive Species Clearinghouse Website. “Non-Native Plant Species Invasiveness Assessments.” Retrieved on 10/4/2014. <http://nysis.info/non-native-plant-assessments/>

- Actually major impact = Very High or High ecological rank
- Actually minor impact = Medium, Low, or Insignificant ecological rank
- Potentially = Not assessed (not included in this table)

Only introduced species that are rated in the “Non-Native Plant Species Invasiveness Assessments” are included in the table above. All introduced species are noted in appendix 1.

4.3.2 - Animal species

Invasive alien animal species

Phylum	Scientific name	Common name	Impacts	
CHORDATA/ACTINOPTERYGII	<i>Alosa pseudoharengus</i>	Anadromous alewives	Actually (minor impacts)	No change
CHORDATA/ACTINOPTERYGII	<i>Carassius auratus</i>	Goldfish	Actually (major impacts)	No change
CHORDATA/AVES	<i>Columba livia</i>	Common Pigeon	Potentially	No change
CHORDATA/AVES	<i>Cygnus olor</i>	Mute Swan	Actually (major impacts)	No change
CHORDATA/ACTINOPTERYGII	<i>Cyprinus carpio</i>	Common Carp	Actually (major impacts)	No change
CHORDATA/ACTINOPTERYGII	<i>Dorosoma cepedianum</i>	Mud shad; Hickory shad; Eastern gizzard shad; American gizzard shad	Potentially	No change
MOLLUSCA/BIVALVA	<i>Dreissena bugensis</i>	Quagga Mussel	Actually (major impacts)	No change
MOLLUSCA/BIVALVA	<i>Dreissena polymorpha</i>	many-shaped dreissena; zebra mussel	Actually (major impacts)	No change
CHORDATA/ACTINOPTERYGII	<i>Fundulus diaphanus</i>	Banded killifish; Banded killifish	Potentially	No change
CHORDATA/ACTINOPTERYGII	<i>Gasterosteus aculeatus</i>	Three-spined Stickleback	Potentially	No change
CHORDATA/AVES	<i>Haemorhous mexicanus</i>	House Finch	Potentially	No change
CHORDATA/ACTINOPTERYGII	<i>Morone americana</i>	Wreckfish; White perch; White perch; White perch; White perch	Potentially	No change
CHORDATA/ACTINOPTERYGII	<i>Neogobius melanostomus</i>	Caspian round goby	Actually (major impacts)	No change
CHORDATA/ACTINOPTERYGII	<i>Oncorhynchus kisutch</i>	Coho (=Silver) salmon	Actually (minor impacts)	No change
CHORDATA/ACTINOPTERYGII	<i>Oncorhynchus mykiss</i>	Coast rainbow trout	Actually (minor impacts)	No change
CHORDATA/ACTINOPTERYGII	<i>Oncorhynchus tshawytscha</i>	Chinook (=Spring=King) salmon	Actually (minor impacts)	No change
CHORDATA/ACTINOPTERYGII	<i>Osmerus mordax</i>	Rainbow Smelt	Potentially	No change
CHORDATA/CEPHALASPIDOMORPHI	<i>Petromyzon marinus</i>	Sea Lamprey	Actually (minor impacts)	No change
CHORDATA/AVES	<i>Phasianus colchicus</i>	Common Pheasant	Actually (major impacts)	No change
CHORDATA/MAMMALIA	<i>Rattus norvegicus</i>	Norway Rat; Brown Rat	Potentially	No change
CHORDATA/ACTINOPTERYGII	<i>Salmo trutta</i>	Brown trout	Actually (minor impacts)	No change
CHORDATA/ACTINOPTERYGII	<i>Scardinius erythrophthalmus</i>	Rudd	Actually (minor impacts)	No change
CHORDATA/AVES	<i>Sturnus vulgaris</i>	European Starling	Potentially	No change
CHORDATA/REPTILIA	<i>Trachemys scripta elegans</i>	Red-eared Slider	Actually (minor impacts)	No change

Optional text box to provide further information

Note – Rating of the impact of the species on the character of the site is based on New York Invasive Species Clearinghouse Website. "Non-Native Animal Species Invasiveness Assessments." Retrieved on 10/4/2014. http://nyis.info/?action=israt_nn_animal&sort=scientific_name

- Actually major impact = Very High or High ecological rank
- Actually minor impact = Medium, Low, or Insignificant ecological rank
- Potentially = Not assessed

4.4 - Physical components

4.4.1 - Climate

Climatic region	Subregion
D: Moist Mid-Latitude climate with cold winters	Dfb: Humid continental (Humid with severe winter, no dry season, warm summer)

The average annual temperature for the Niagara region has increased by 1.3 degrees centigrade in the last 40 years, resulting in a trend towards more days with temperatures over 30 degrees centigrade. As is true of much of the northern part of the continent, the area is being subjected to an increase in heat waves (3 or more consecutively hot days) and a significantly warmer and longer growing season. Climate change has brought more summer droughts and dry spells to the region along with an increase in the number of freeze-thaw cycles (Penney 2012).

4.4.2 - Geomorphic setting

a) Minimum elevation above sea level (in metres)

a) Maximum elevation above sea level (in metres)

- Entire river basin
- Upper part of river basin
- Middle part of river basin
- Lower part of river basin
- More than one river basin
- Not in river basin
- Coastal

Please name the river basin or basins. If the site lies in a sub-basin, please also name the larger river basin. For a coastal/marine site, please name the sea or ocean.

Niagara River, between Lake Erie and Lake Ontario.

4.4.3 - Soil

- Mineral
- Organic
- No available information

Are soil types subject to change as a result of changing hydrological conditions (e.g., increased salinity or acidification)? Yes No

Please provide further information on the soil (optional)

Except for a portion of the Niagara Escarpment (Ecology and Environment 2014), and the Niagara Gorge, the landscape on the U.S. side of the Niagara River is a nearly flat plain. Common soil mapping units include Odessa, Schoharie and Rhinebeck with minor inclusions of Claverack, Cosad, Cayuga, Churchville, Niagara, Lakemont and Wayland. The soils formed in clayey glacial lake-laid (lacustrine) deposits. Seasonal wetness, slow or very slow permeability in the subsoil, and the clayey texture are the main limitations of these soils for most uses. A small percentage of the area consists of deeper soils derived from glacial outwash deposits, which are more gravelly or shaly in texture. These may form a shallow mantle over the clayey or silty lacustrine deposits. These areas tend to be better drained and more suitable for vegetable, specialty crop, and fruit production. The immediate gorge walls of major sections of the Niagara River are ecologically unique soils.

4.4.4 - Water regime

Water permanence

Presence?	
Usually permanent water present	No change

Source of water that maintains character of the site

Presence?	Predominant water source	
Water inputs from surface water	<input checked="" type="checkbox"/>	No change

Water destination

Presence?	
To downstream catchment	No change

Stability of water regime

Presence?	
Water levels largely stable	No change

Please add any comments on the water regime and its determinants (if relevant). Use this box to explain sites with complex hydrology:

Annually, only 1% of the water in the Great Lakes originates from rivers, precipitation, and groundwater springs that drain into the lakes. The other 99% came from glacial melt from the last ice age. Evaporation and drainage balance this out, making the lake levels constant (Grady, 2007). The Niagara River’s drainage basin is 684,000 square km (264,000 square mi) (NPC website “Niagara Falls Geology Facts & Figures”). The Niagara River has an annual mean discharge of 5,799 cubic metres per second (204,800 cubic ft per second) (Hornlein, et al. 2004). The Niagara River is shallow and wide above Niagara Falls (upper Niagara River), and deep and narrow below Niagara Falls (lower Niagara River), especially in the gorge. Its width ranges from 2,000 m (6,500 ft) across at its widest, to less than 90 m (300 ft) at its narrowest. Its depth averages approximately 6 m (20 ft) in the upper Niagara River and drops to approximately 58 m (190 ft) at its deepest point in the lower Niagara River (Buffalo Niagara Riverkeeper website “Niagara River”).

In the Niagara River, a substantial portion of water is diverted from the river to large reservoirs on both the U.S. and Canadian sides that are used to generate hydroelectricity. On the U.S. side, the water goes through the Lewiston Pump Generating Plant and the Robert Moses Niagara Power Plant where 748,000 gallons of water per second produce up to 2.6 million kW. Diversion quantities fluctuate to preserve water levels going over Niagara Falls during peak tourism seasons (tourism brought over \$700 million to Niagara County in 2017) and to supply more power during peak demand times (“Niagara Power Goes Under Ground”). This diversion and return results in daily and seasonal fluctuations in river levels below the hydroelectric intakes. Flooding on the river caused by ice jams during the spring still occurs as well.

4.4.5 - Sediment regime

- Significant erosion of sediments occurs on the site
- Significant accretion or deposition of sediments occurs on the site
- Significant transportation of sediments occurs on or through the site
- Sediment regime is highly variable, either seasonally or inter-annually
- Sediment regime unknown

Please provide further information on sediment (optional):

The upper Niagara River has more turbidity than the lower Niagara River. Turbidity in the upper Niagara River is related to inflows from Lake Erie and smaller tributaries, and turbidity increases with runoff events. Combined sewer overflows (CSOs) may affect the turbidity in the upper and lower Niagara River during wet weather events. Erosion along the banks of the upper and lower Niagara River is caused by waves from wind and boats (URS Corporation and Gomez and Sullivan Engineers, P.C. 2005).

4.4.6 - Water pH

- Acid (pH<5.5)
- Circumneutral (pH: 5.5-7.4)
- Alkaline (pH>7.4)
- Unknown

Please provide further information on pH (optional):

A study with field measurements for the Niagara River at Fort Niagara show that the pH is alkaline, with 80% of the samples ranging from pH 7.7 to pH 8.4 (URS Corporation and Gomez and Sullivan Engineers, P.C. 2005).

4.4.7 - Water salinity

- Fresh (<0.5 g/l)
- Mxohaline (brackish)/Mxosaline (0.5-30 g/l)
- Euhaline/Eusaline (30-40 g/l)
- Hyperhaline/Hypersaline (>40 g/l)
- Unknown

4.4.8 - Dissolved or suspended nutrients in water

- Eutrophic
- Mesotrophic
- Oligotrophic
- Dystrophic
- Unknown

4.4.9 - Features of the surrounding area which may affect the Site

Please describe whether, and if so how, the landscape and ecological characteristics in the area surrounding the Ramsar Site differ from the site itself:

- Surrounding area has greater urbanisation or development

Surrounding area has higher human population density

Surrounding area has more intensive agricultural use

Surrounding area has significantly different land cover or habitat types

4.5 - Ecosystem services

4.5.1 - Ecosystem services/benefits

Provisioning Services

Ecosystem service	Examples	Importance/Extent/Significance
Food for humans	Sustenance for humans (e.g., fish, molluscs, grains)	Medium
Fresh water	Drinking water for humans and/or livestock	High
Fresh water	Water for industry	High
Fresh water	Water for energy production (hydro-electricity)	High

Regulating Services

Ecosystem service	Examples	Importance/Extent/Significance
Maintenance of hydrological regimes	Storage and delivery of water as part of water supply systems for agriculture and industry	High
Climate regulation	Regulation of greenhouse gases, temperature, precipitation and other climatic processes	Medium
Hazard reduction	Flood control, flood storage	Medium

Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Recreational hunting and fishing	High
Recreation and tourism	Water sports and activities	Medium
Recreation and tourism	Picnics, outings, touring	Medium
Recreation and tourism	Nature observation and nature-based tourism	High
Spiritual and inspirational	Inspiration	High
Spiritual and inspirational	Cultural heritage (historical and archaeological)	High
Spiritual and inspirational	Contemporary cultural significance, including for arts and creative inspiration, and including existence values	High
Spiritual and inspirational	Spiritual and religious values	High
Spiritual and inspirational	Aesthetic and sense of place values	High
Scientific and educational	Educational activities and opportunities	High
Scientific and educational	Important knowledge systems, importance for research (scientific reference area or site)	High
Scientific and educational	Long-term monitoring site	High
Scientific and educational	Major scientific study site	High

Supporting Services

Ecosystem service	Examples	Importance/Extent/Significance
Biodiversity	Supports a variety of all life forms including plants, animals and microorganisms, the genes they contain, and the ecosystems of which they form a part	High

Within the site: 100000

Outside the site: 10000000

Have studies or assessments been made of the economic valuation of ecosystem services provided by this Ramsar Site? Yes No Unknown

4.5.2 - Social and cultural values

i) the site provides a model of wetland wise use, demonstrating the application of traditional knowledge and methods of management and use that maintain the ecological character of the wetland

Description if applicable

The Boundary Water Treaty (BWT) of 1909 between the U.S. and Canada established limits on the amount of water diverted from the Niagara River for hydro-electric power production. The 1950 Niagara Treaty replaced certain paragraphs of the BWT and re-defined the diversion and division of water to protect the scenic beauty of Niagara Falls and at the same time provide for increased hydro-electric power production (Niagara Falls Thunder Alley website "A River Diversion"). The International Joint Commission, with appointees from the U.S. and Canada, prevents and resolves disputes between the United States of America and Canada under the 1909 BWT.

ii) the site has exceptional cultural traditions or records of former civilizations that have influenced the ecological character of the wetland

Description if applicable

The history of human activity in the region began as far back as 8,000 years ago. The most recent indigenous civilization is the Haudenosaunee Confederacy, or "People of the Longhouse," called the Iroquois Confederacy by the French and the League of Five Nations by the English (Ecology and Environment Inc. 2014).

The Niagara River hosted significant War of 1812 activities. The war ended with the signing of the Treaty of Ghent in 1815, the beginning of unbroken peace between the two countries. Today, Old Fort Niagara operates as a museum and educational center, drawing 100,000 visitors annually. More information can be found here: The Official War of 1812 Bicentennial Website. During the 1800s, prior to the abolition of slavery in the United States, the Niagara River and its communities played a significant role in the Underground Railroad. Today, the recently-opened Niagara Falls Underground Railroad Heritage Center welcomes visitors. More information can be found here: Niagara Falls Underground Railroad Heritage.

The Erie Canal was completed in 1825, connecting Albany to Buffalo and opening trade and travel between the Atlantic coast and the U.S. interior. The Erie Canal is now primarily used for recreational boating and biking. The western terminus of the Erie Canal includes portions of the upper Niagara River. More information can be found here: Erie Canalway National Heritage Corridor.

Niagara Falls is the birthplace of hydroelectric power. The region's first small-scale hydroelectric plant was built in 1881 by the Niagara Falls Hydraulic Power & Manufacturing Company (Niagara Falls Thunder Alley website "A History of Power."). More information can be found here: Niagara Falls History of Power.

The first state park in the U.S. and the first provincial park in Canada are located along the Niagara River. The Niagara Reservation (Niagara Falls State Park) was established in 1885 and was designed by Frederick Law Olmsted, Sr., and declared a National Historic Landmark (NPS National Historic Landmark Program website "Niagara Reservation").

In many ways, the now infamous Love Canal, located on the Niagara River, was the impetus for the environmental justice movement in the U.S. The federal Superfund program, meant to remediate legacy toxic waste sites, was established as a result (Geneseo website "Love Canal – a Brief History").

iii) the ecological character of the wetland depends on its interaction with local communities or indigenous peoples

iv) relevant non-material values such as sacred sites are present and their existence is strongly linked with the maintenance of the ecological character of the wetland

4.6 - Ecological processes

<no data available>

5 - How is the Site managed? (Conservation and management)

5.1 - Land tenure and responsibilities (Managers)

5.1.1 - Land tenure/ownership

Public ownership

Category	Within the Ramsar Site	In the surrounding area
National/Federal government	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Provincial/region/state government	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Local authority, municipality, (sub)district, etc.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Other public ownership	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Private ownership

Category	Within the Ramsar Site	In the surrounding area
Commercial (company)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Foundation/non-governmental organization/trust	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Religious body/organization	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other types of private/individual owner(s)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Other

Category	Within the Ramsar Site	In the surrounding area
Commoners/customary rights	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Provide further information on the land tenure / ownership regime (optional):

The State of New York owns the land beneath the Niagara River, as it is a navigable waterway. Landowners whose property adjoins the river have riparian rights, or the right to make reasonable use of it. Additionally, the public has certain rights to use the Niagara River for navigation purposes, pursuant to the public trust doctrine. On the US side, other adjoining land areas may also be included in the public trust. In New York, one court opined that "the entire ecological system supporting the waterways is an integral part of them (the waterways) and must necessarily be included within the purview of the trust." 336 N.Y.S.2d 764 (1972). The greenspaces along the river included in the site are publicly owned, except for a nature preserve privately owned by a land trust called the Western New York Land Conservancy. The land surrounding the site is comprised of public and private land in large metropolitan regions. (See Appendix 2 for land ownership details).

5.1.2 - Management authority

Please list the local office / offices of any agency or organization responsible for managing the site:

Niagara River Greenway Commission

Provide the name and title of the person or people with responsibility for the wetland:

Greg Stevens, Executive Director

Postal address:

3160 Deveaux St, Niagara Falls, NY 14305

E-mail address:

gregory.stevens@parks.ny.gov

5.2 - Ecological character threats and responses (Management)

5.2.1 - Factors (actual or likely) adversely affecting the Site's ecological character

Human settlements (non agricultural)

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Housing and urban areas	High impact		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Commercial and industrial areas	High impact		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tourism and recreation areas	Medium impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Water regulation

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Water abstraction	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dredging	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Water releases	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Canalisation and river regulation	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Agriculture and aquaculture

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Livestock farming and ranching	High impact		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Annual and perennial non-timber crops	High impact		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Energy production and mining

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Oil and gas drilling	High impact		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mining and quarrying	High impact		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Renewable energy	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Transportation and service corridors

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Roads and railroads	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Utility and service lines (e.g., pipelines)	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Shipping lanes	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aircraft flight paths	Low impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Biological resource use

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Hunting and collecting terrestrial animals	Low impact		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gathering terrestrial plants	Low impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Logging and wood harvesting	Low impact		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fishing and harvesting aquatic resources	Medium impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Human intrusions and disturbance

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Recreational and tourism activities	Medium impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(Para)military activities	Low impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Natural system modifications

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Dams and water management/use	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Vegetation clearance/ land conversion	High impact		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Invasive and other problematic species and genes

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Invasive non-native/ alien species	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Pollution

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Household sewage, urban waste water	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Industrial and military effluents	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Agricultural and forestry effluents	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Garbage and solid waste	High impact		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Air-borne pollutants	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Excess heat, sound, light	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Climate change and severe weather

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Habitat shifting and alteration		High impact	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Droughts		High impact	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Temperature extremes	High impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Storms and flooding	Medium impact		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Please describe any other threats (optional):

Current threats to water quality and quantity include water diversion for industry and hydroelectric power generation, urban and agricultural land uses in the watershed, legacy and ongoing toxic contamination, and ongoing untreated sewage discharges. The potential for hydraulic fracturing (hydro-fracking) for shale gas reserves in the watershed is a potential threat to water quality. Biodiversity is currently threatened by invasive species, including plants like the common reed (*Phragmites australis*) and animals like the zebra mussel (*Dreissena polymorpha*). The introduction of Asian carp into the Great Lakes would be a threat to biodiversity.

5.2.2 - Legal conservation status

National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Nationally designated site	Erie Canalway National Heritage Corridor	http://www.nps.gov/erie/index.htm	partly
Nationally designated site	Niagara Falls National Heritage Area	http://www.nps.gov/nifa/index.htm	partly

Non-statutory designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Important Bird Area	Niagara River Corridor Important Bird Area	http://netapp.audubon.org/iba/Site/1724 and : https://www.audubon.org/important-bird-areas/state/new-york?field_iba_status=All&priority=All&page=4	whole

5.2.3 - IUCN protected areas categories (2008)

- Ia Strict Nature Reserve
- Ib Wilderness Area: protected area managed mainly for wilderness protection
- II National Park: protected area managed mainly for ecosystem protection and recreation
- III Natural Monument: protected area managed mainly for conservation of specific natural features
- IV Habitat/Species Management Area: protected area managed mainly for conservation through management intervention
- V Protected Landscape/Seascape: protected area managed mainly for landscape/seascape conservation and recreation
- VI Managed Resource Protected Area: protected area managed mainly for the sustainable use of natural ecosystems

5.2.4 - Key conservation measures

Legal protection

Measures	Status
Legal protection	Implemented

Habitat

Measures	Status
Catchment management initiatives/controls	Implemented
Improvement of water quality	Implemented
Habitat manipulation/enhancement	Implemented
Hydrology management/restoration	Implemented
Re-vegetation	Implemented
Land conversion controls	Implemented

Species

Measures	Status
Threatened/rare species management programmes	Implemented
Control of invasive alien plants	Implemented
Control of invasive alien animals	Implemented

Human Activities

Measures	Status
Management of water abstraction/takes	Implemented
Regulation/management of wastes	Implemented
Fisheries management/regulation	Implemented
Harvest controls/poaching enforcement	Implemented
Regulation/management of recreational activities	Implemented
Communication, education, and participation and awareness activities	Implemented
Research	Implemented

5.2.5 - Management planning

Is there a site-specific management plan for the site? Yes

Has a management effectiveness assessment been undertaken for the site? Yes No

If the site is a formal transboundary site as indicated in section Data and location > Site location, are there shared management planning processes with another Contracting Party? Yes No

Please indicate if a Ramsar centre, other educational or visitor facility, or an educational or visitor programme is associated with the site:

Not a formal transboundary site but there are shared management planning processes with Canada
 Several educational / visitor facilities are located within the Niagara River Corridor. A few of these include:

- Beaver Island State Park Visitor Center
- Buffalo and Erie County Naval & Military Park
- Fort Niagara State Park Nature Center
- Niagara Falls State Park Visitor Center
- Niagara Falls Underground Railroad Heritage Center
- Niagara Power Vista Visitors Center
- Old Fort Niagara
- Tiff Farm Nature Preserve Visitor Center
- Western New York Welcome Center on Grand Island

5.2.6 - Planning for restoration

Is there a site-specific restoration plan? Yes, there is a plan

5.2.7 - Monitoring implemented or proposed

Monitoring	Status
Water regime monitoring	Implemented
Water quality	Implemented
Plant community	Implemented
Animal community	Implemented
Birds	Implemented

6 - Additional material

6.1 - Additional reports and documents

6.1.1 - Bibliographical references

Bert Miller Nature Club. (2003). Old Growth Forest Survey of Niagara Peninsula, Project of Bert Miller Nature Club, First Phase Report to Trillium Foundation. Trillium Foundation.

Buffalo Niagara Riverkeeper website. "Niagara River". Retrieved on 6/1/2014. <http://bnriverkeeper.org/places/niagara-river/>

Buffalo Olmsted Parks Conservancy. (2008). The Olmsted City – The Buffalo Olmsted Park System: Plan for the 21st Century. Prepared by the Urban Design Project, State University of New York, University at Buffalo.

DePriest, Tim. Recent NYS DEC Niagara River records. Unpublished.

DiTommaso, Dean, and David Suggs. B.O.S. Noteworthy Records Database, 1964-2013. The Prothonotary. vols. 30-79. Buffalo, NY: Buffalo Ornithological Society.

Dobbyn, Jon. (1994). Atlas of the Mammals of Ontario. Ontario: Federation of Ontario Naturalists.

eBird data for the Niagara River Corridor IBA. Retrieved on 2/1/2014. www.ebird.org

Ecology and Environment, Inc. (2014). The Niagara Escarpment Legacy Project. Prepared for the Western New York Land Conservancy.

Edinger, G.J., D.J. Evans, S. Gebauer, T.G. Howard, D.M. Hunt, and A.M. Olivero (editors). (2002). Ecological Communities of New York State. Second Edition. A revised and expanded edition of Carol Reschke's Ecological Communities of

New York State. (Draft for review). Albany, NY: New York Natural Heritage Program, New York State Department of Environmental Conservation.

Environmental Design and Research (EDR). (2010). Appendix B: Ecological Inventory of the Niagara River Gorge and Rim – Draft. Prepared for Wild Ones: Native Plants, Natural Landscapes.

Gawronski, Brett, Jana Kasikova, Lynda H. Schneekloth, and Thomas Yots. (2006). The Power Trail: History of Hydroelectricity at Niagara. Buffalo, NY: Western New York Wares.

Geneseo, State University of New York website. "Love Canal – a Brief History". Retrieved on 12/21/2014. http://www.geneseo.edu/history/love_canal_history

Grady, Wayne (2007). The Great Lakes. Vancouver: Greystone Books and David Suzuki Foundation.

Hornlein, J.F., C.O. Szabo, and D.A. Sherwood. (2004). Water Resources Data, New York, Water Year 2003. Volume 3. Western New York. Ithaca, NY: US Geological Survey.

Important Bird Areas in Canada website. "IBA Database - Niagara River Corridor." Retrieved on 11/15/2014. <http://www.ibacanada.ca/site.jsp?siteID=ON002&lang=EN>

International Joint Commission (IJC) website. "Great Lakes". Retrieved on 10/13/2014. http://www.ijc.org/en/_/Great_Lakes_Basin

6.1.2 - Additional reports and documents

i. taxonomic lists of plant and animal species occurring in the site (see section 4.3)

<1 file(s) uploaded>

ii. a detailed Ecological Character Description (ECD) (in a national format)

<no file available>

iii. a description of the site in a national or regional wetland inventory

<no file available>

iv. relevant Article 3.2 reports

<no file available>

v. site management plan

<no file available>

vi. other published literature

<no file available>

6.1.3 - Photograph(s) of the Site

Please provide at least one photograph of the site:



Kayaking on the Lower Niagara River (*Jajeen Robse-Burney, 02-06-2015*)



Niagara river corridor (*Ana Margarita Hernandez Balzac, 05-09-2006*)



Gorgeous morning over America falls (*New York State Parks, 26-05-2015*)

6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation