

Appendix A



Bobolink
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Species of Conservation Concern

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Shawangunk Grassland NWR Trust Species and other Species of Conservation Concern (see *notes* on next page*)

Scientific Name	Common Name(s)	FWS BCC (1)	NY State- listed (2)	Global HP (3)	NYNHP (4)	NABCI BCR28 (5)	PIF B (6)	PIF W (6)
<i>Carex frankii</i>	Frank's sedge		E	G5	S1			
<i>Clemmys guttata</i>	spotted turtle		SC					
<i>Glyptemys insculpta</i>	wood turtle		SC					
<i>Aix sponsa</i>	wood duck						IIb	
<i>A. rubripes</i>	American black duck						Ib	I
<i>Circus cyaneus</i>	northern harrier		T	G5	S3B, S3N		V	IIc
<i>Accipiter striatus</i>	sharp-shinned hawk		SC				V	
<i>A. cooperii</i>	Cooper's hawk		SC				V	
<i>A. gentilis</i>	northern goshawk		SC				V	
<i>Buteo lineatus</i>	red-shouldered hawk		SC				V	
<i>Falco peregrinus</i>	peregrine falcon	X	E	G4	S3B, SZN	X	V	
<i>Bartramia longicauda</i>	upland sandpiper	X	T	G5	S3B	X	IIc	
<i>Scolopax minor</i>	American woodcock						Ia	I
<i>Coccyzus erythrophthalmus</i>	black-billed cuckoo	X				X		
<i>Tyto alba</i>	barn owl			G5	S3			
<i>Asio otus</i>	long-eared owl						V	
<i>Asio flammeus</i>	short-eared owl	X	E	G5	S2	X		IIc
<i>Chordeilis minor</i>	common nighthawk		SC				V	
<i>Melanerpes erythrocephalus</i>	red-headed woodpecker	X	SC			X	Ib	IIIb
<i>Sphyrapicus varius</i>	yellow-bellied sapsucker	X				X		
<i>Contopus virens</i>	eastern wood-pewee						Ila	
<i>Lanius ludovicianus</i>	loggerhead shrike	X	E	G4	S1B, SZN		V	
<i>Eremophila alpestris</i>	horned lark		SC				V	
<i>Toxostoma rufum</i>	brown thrasher						Ila	
<i>Hylocichla mustelina</i>	wood thrush	X				X	Ia	
<i>Vermivora pinus</i>	blue-winged warbler						IIIb	
<i>Dendroica discolor</i>	prairie warbler	X				X	IIIb	
<i>D. palmarum</i>	palm warbler			G5	S1			
<i>Icteria virens</i>	yellow-breasted chat		SC				V	
<i>Piranga olivacea</i>	scarlet tanager						IIb	
<i>Pipilo erythrophthalmus</i>	eastern towhee						Ila	
<i>Spizella pusilla</i>	field sparrow						Ia	
<i>Poocetes gramineus</i>	vesper sparrow		SC				V	
<i>Passerculus sandwichensis</i>	savannah sparrow						V	
<i>Ammodramus savannarum</i>	grasshopper sparrow		SC				IIc	
<i>A. henslowii</i>	Henslow's sparrow	X	T	G4	S3B, SAN	X	Ib	
<i>Dolichonyx oryzivorus</i>	bobolink						IIIb	
<i>Icterus galbula</i>	Baltimore oriole						Ila	

Notes:

(1) U.S. Fish and Wildlife Service, region 5, Birds of Conservation Concern 2002

(2) New York State; E= endangered, T= threatened, SC= species of concern

(3) New York Natural Heritage Program: Global rank

- G1** Critically imperiled globally because of extreme rarity (5 or fewer occurrences), or very few remaining acres, or miles of stream) or especially vulnerable to extinction because of some factor of its biology.
- G2** Imperiled globally because of rarity (6 - 20 occurrences, or few remaining acres, or miles of stream) or very vulnerable to extinction throughout its range because of other factors.
- G3** Either rare and local throughout its range (21 to 100 occurrences), or found locally (even abundantly at some of its locations) in a restricted range (e.g. a physiographic region), or vulnerable to extinction throughout its range because of other factors.
- G4** Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.
- G5** Demonstrably secure globally, though it may be quite rare
- GH** Historically known, with the expectation that it might be rediscovered.
- GX** Species believed to be extinct.
- GU** Status unknown.

(4) New York Natural Heritage Program: State Rank

- S1** typically 5 or fewer occurrences
- S2** typically 6-20 occurrences
- S3** typically 21 - 100 occurrences
- S4** apparently secure in NYS
- S5** demonstrably secure in NYS
- SA** accidental species
- SH** historically known from NYS, but not seen in the past 15 years
- SX** apparently extirpated from NYS
- SR** reported to occur in NYS, but no specific locations documented
- SU** species unrankable due to uncertainty about number of occurrences
- SZ** species occurs in NYS, but generally not in specific locations
- S?** species not evaluated yet
- NR** not rated yet

Modifiers: (B) signifies that the species breeds instate, (N) signifies it does not breed instate

(5) North American Bird Conservation Initiative, Bird Conservation Region 28, species of concern

(6) Partners in Flight, Area 17, (B) = breeding, (W) = wintering

- Tier I. *High Continental Priority.*
- Tier IA. *High Continental Concern - High Regional Responsibility.*
- Tier IB. *High Continental Concern - Low Regional Responsibility.*
- Tier II. *High Regional Priority.*
- Tier IIA. *High Regional Concern.*
- Tier IIB. *High Regional Responsibility.*
- Tier IIC. *High Regional Threats.*
- Tier III. *Additional Federally Listed.*
- Tier IV. *Additional State Listed.*
- Tier V. *Additional Stewardship Responsibility.*
- Tier VI. *Local concern - species of justifiable local concern or interest.*

* There is no documentation that the Indiana bat occurs on the refuge; however, it is also true that no surveys have been conducted. It is possible they could be present due the proximity of the refuge to known roost sites (pers. comm. with Laury Zicary, NYFO) and the presence on the refuge of trees in excess of 5 inches dbh.