

Appendix D: Refuge Species of Concern

Refuge Species of Concern, Tamarac NWR

Species	Presence on the Refuge					Habitat	Federal Status		State Status			Rationale for Listing
	Currently Breeding on Refuge	Transient Species	Migratory	Not Presently on Refuge	Unknown		Endangered (E) or Threatened (T)	Region 3 Conservation Priority Species	Endangered (E) or Threatened (T)	Special Concern	Species in Greatest Conservation Need ^a	
Birds												
Canada Goose (resident)	✓					Lake						High populations; population control
Trumpeter Swan	✓		✓			Lake		✓	T		✓	Minnesota threatened species, high breeding densities, original state reintroduction site
Wood Duck	✓					Forest		✓				
Mallard	✓					Wetlands		✓				
Blue-winged Teal	✓					Wetlands		✓				
Ring-necked Duck	✓					Wetlands						
Lesser Scaup			✓			Wetlands		✓			✓	Continental pop. declines, historical high fall use on Refuge
Common Loon	✓					Lake		✓			✓	BCR12 ^b UMVGL Waterbird Plan stewardship species (moderate priority)
Red-necked Grebe	✓					Wetlands					✓	BCR12 UMVGL Waterbird Plan high priority
American Bittern	✓					Wetlands		✓			✓	BCR12 UMVGL Waterbird Plan high priority
Least Bittern	✓					Wetlands		✓			✓	BCR12 UMVGL Waterbird Plan moderate priority
Great Blue Heron	✓					Wetlands						3 nesting colonies on Refuge
Bald Eagle	✓					Open lands	T	✓		✓	✓	Minnesota special concern species
Red-shouldered Hawk	✓					Forest		✓		✓	✓	Minnesota Special Concern species

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Broad-winged Hawk	✓					Forest						BCR12 PIF-Regional stewardship species
Yellow Rail	✓					Wetlands		✓		✓	✓	BCR12 UMVGL Waterbird Plan high priority
Virginia Rail	✓					Wetlands					✓	BCR12 UMVGL Waterbird Plan low priority
Sora Rail	✓					Wetlands						BCR12 UMVGL Waterbird Plan low priority
American Woodcock	✓					Shrubland/Forest		✓			✓	BCR12 UMVGL Shorebird Plan high priority
Forster's Tern	✓					Wetlands		✓		✓	✓	Minnesota Special Concern species, BCR12 UMVGL Waterbird Moderate Priority
Black Tern	✓					Wetlands		✓			✓	BCR12 UMVGL Waterbird Plan high priority
Yellow-bellied Sapsucker	✓					Forest					✓	BCR12 PIF-Regional stewardship species, significant regional declines (NRR)
Downy Woodpecker	✓					Forest						
Hairy Woodpecker	✓					Forest						
Northern Flicker	✓					Shrubland/Forest		✓				BCR12 PIF-Regional concern species
Pileated Woodpecker	✓					Forest						
Eastern Wood-Pewee	✓					Forest					✓	Significant regional declines (NRR)
Least Flycatcher	✓					Forest					✓	BCR12 PIF-Regional stewardship species

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Great Crested Flycatcher	✓					Forest						
Red-eyed Vireo	✓					Forest						
American Crow	✓					Open lands						Nuisance species -nest predation
Sedge Wren	✓					Wetlands/ Grasslands		✓			✓	BCR12 PIF-Regional stewardship species
Veery	✓					Forest					✓	BCR12 PIF-Regional concern species & stewardship species
Wood Thrush	✓					Forest		✓			✓	BCR12 PIF-Continental & regional concern species
Blue-winged Warbler		✓				Shrublands /Forest					✓	Hybridization with Golden-winged warblers
Golden-winged Warbler	✓					Shrublands /Forest		✓			✓	BCR12 PIF-Continental concern species & regional stewardship species, 40 percent of global population in Minnesota
Black-throated Green Warbler	✓					Forest						BCR12 PIF-Continental & regional stewardship species
Blackburnian Warbler	✓					Forest						BCR12 PIF-Continental & regional stewardship species
Pine Warbler	✓					Forest						
Black & White Warbler	✓					Forest						
American Redstart	✓					Shrublands /Forest						
Ovenbird	✓					Forest					✓	Significant regional declines (NRRI), vulnerable forest interior habitat

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Connecticut Warbler			✓			Tamarac		✓			✓	BCR12 PIF-Regional concern species
Mourning Warbler	✓					Shrublands /Forest						BCR12 PIF-Continental & regional stewardship species
Scarlet Tanager	✓					Forest						
Eastern Towhee	✓					Shrublands /Forest						
Swamp Sparrow	✓					Wetland					✓	BCR12 PIF-Continental stewardship species
Rose-breasted Grosbeak	✓					Forest					✓	BCR12 PIF-Regional stewardship species, significant regional declines (NRR)
Indigo Bunting	✓					Shrublands /Forest						
Brown-headed Cowbird	✓					Open lands/ Forest						Nuisance species - nest parasitism
Purple Finch	✓					Forest						BCR12 PIF-Regional concern species
Mammals												
Gray Wolf	✓					Forest	T	✓			✓	Fed. Threatened species, Minnesota special concern species
Red Fox	✓					Open lands						Nuisance species -nest predation
Raccoon	✓					Forest						Nuisance species -nest predation
Fisher	✓					Forest						Inventory & monitoring need - furbearer trapping

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Fishes												
Fathead Minnow	✓					Wetlands					✓	Nuisance - competition with waterfowl for freshwater shrimp
Common Carp				✓		Lake						Nuisance – potential habitat degradation/destruction, present in Ottertail River (south of Refuge)
Walleye	✓					Lake		✓				DNR and tribal stocking programs
Lake Sturgeon				✓		Lake		✓				DNR/FWS/WEBD stocking adjacent Refuge, protection status needed for Refuge
Muskellunge				✓		Lake						DNR stocking adjacent Refuge
Spiders												
None listed at this time												
Insects												
Poweshiek Skipper										✓	✓	Minnesota Special Concern species
Mollusks												
None listed at this time												
Plants												
Wild Rice	✓											Important staple for waterfowl & Native Americans, contributes to Refuge purpose
Leafy Spurge	✓											Invasive species – control necessary

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Spotted Knapweed	✓											Invasive species – control necessary
Purple Loosestrife	✓											Invasive species – control necessary
Goblin Fern					✓							Minnesota Special Concern species
Native Plant Communities												
Red and White Pine communities												
Jack Pine Communities												

a. Minnesota Comprehensive Wildlife Conservation Strategy Species in Greatest Conservation Need

b. BCR = NABCI Bird Conservation Region