



Henvey Inlet Wind LP

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Henvey Inlet Wind Energy Centre

Natural Environment Assessment:

2011 to 2015 Master Bird List in the HIWEC Study Area

Final Draft

2011 to 2015 Master Bird List in the HIWEC Study Area

Common Name	Scientific Name	ESA Status ¹	SARA Status ²	COSEWIC Status ³	NNHC S-rank ⁴
Alder Flycatcher	<i>Empidonax alnorum</i>	-	-	-	S5
American Bittern	<i>Botaurus lentiginosus</i>	-	-	-	S4
American Black Duck	<i>Anas rubripes</i>	-	-	-	S4
American Coot	<i>Fulica americana</i>	-	-	-	S4
American Crow	<i>Corvus brachyrhynchos</i>	-	-	-	S5
American Goldfinch	<i>Carduelis tristis</i>	-	-	-	S5
American Kestrel	<i>Falco sparverius</i>	-	-	-	S4
American Pipit	<i>Anthus rubescens</i>	-	-	-	S4
American Redstart	<i>Setophaga ruticilla</i>	-	-	-	S5
American Robin	<i>Turdus migratorius</i>	-	-	-	S5
American Three-toed Woodpecker	<i>Picoides tridactylus</i>	-	-	-	S4
American Tree Sparrow	<i>Spizella arborea</i>	-	-	-	S4
American White Pelican	<i>Pelecanus erythrorhynchos</i>	THR	-	-	S2B
American Wigeon	<i>Anas americana</i>	-	-	-	S4
American Woodcock	<i>Scolopax minor</i>	-	-	-	S4
Bald Eagle	<i>Haliaeetus leucocephalus</i>	SC	-	-	S2
Baltimore Oriole	<i>Icterus galbula</i>	-	-	-	S4
Barred Owl	<i>Strix varia</i>	-	-	-	S5
Bay-breasted Warbler	<i>Dendroica castanea</i>	-	-	-	S5
Belted Kingfisher	<i>Ceryle alcyon</i>	-	-	-	S4
Black Scoter	<i>Melanitta nigra</i>	-	-	-	S4
Black Tern	<i>Chlidonias niger</i>	SC	-	-	S3
Black-and-white Warbler	<i>Mniotilta varia</i>	-	-	-	S5
Black-backed Woodpecker	<i>Picoides arcticus</i>	-	-	-	S4
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	-	-	-	S5
Blackburnian Warbler	<i>Setophaga fusca</i>	-	-	-	S5
Black-capped Chickadee	<i>Poecile atricapillus</i>	-	-	-	S5
Blackpoll Warbler	<i>Setophaga striata</i>	-	-	-	S4
Black-throated Blue Warbler	<i>Setophaga caerulescens</i>	-	-	-	S5
Black-throated Green Warbler	<i>Setophaga virens</i>	-	-	-	S5
Blue Jay	<i>Cyanocitta cristata</i>	-	-	-	S5
Blue-headed Vireo	<i>Vireo solitarius</i>	-	-	-	S5
Blue-winged Teal	<i>Anas discors</i>	-	-	-	S4
Blue-winged Warbler	<i>Vermivora pinus</i>	-	-	-	S4
Bobolink	<i>Dolichonyx oryzivorus</i>	THR	-	THR	S4
Bohemian Waxwing	<i>Bombycilla garrulus</i>	-	-	-	SNA
Bonaparte's Gull	<i>Larus philadelphia</i>	-	-	-	S4B,S4N

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Broad-winged Hawk	<i>Buteo platypterus</i>	-	-	-	S5
Brown Creeper	<i>Certhia americana</i>	-	-	-	S5
Brown Thrasher	<i>Toxostoma rufum</i>	-	-	-	S4
Brown-headed Cowbird	<i>Molothrus ater</i>	-	-	-	S4
Bufflehead	<i>Bucephala albeola</i>	-	-	-	S4
Canada Goose	<i>Branta canadensis</i>	-	-	-	S5
Canada Warbler	<i>Wilsonia canadensis</i>	SC	THR Schedule 1	THR	S4
Cape May Warbler	<i>Setophaga tigrina</i>	-	-	-	S5
Caspian Tern	<i>Sterna caspia</i>	-	-	-	S3
Cassin's Sparrow	<i>Aimophila cassinii</i>	-	-	-	SNA
Cedar Waxwing	<i>Bombycilla cedrorum</i>	-	-	-	S5
Chestnut-sided Warbler	<i>Setophaga pensylvanica</i>	-	-	-	S5
Chimney Swift	<i>Chaetura pelagica</i>	THR	THR Schedule 1	THR	S4
Chipping Sparrow	<i>Spizella passerina</i>	-	-	-	S5
Common Goldeneye	<i>Bucephala clangula</i>	-	-	-	S5
Common Grackle	<i>Quiscalus quiscula</i>	-	-	-	S5
Common Loon	<i>Gavia immer</i>	-	-	-	S5
Common Merganser	<i>Mergus merganser</i>	-	-	-	S5
Common Nighthawk	<i>Chordeiles minor</i>	SC	THR Schedule 1	THR	S4
Common Raven	<i>Corvus corax</i>	-	-	-	S5
Common Redpoll	<i>Carduelis flammea</i>	-	-	-	S4
Common Snipe	<i>Gallinago gallinago</i>	-	-	-	S5
Common Tern	<i>Sterna hirundo</i>	-	-	-	S4
Common Yellowthroat	<i>Geothlypis trichas</i>	-	-	-	S5
Cooper's Hawk	<i>Accipiter cooperi</i>	-	-	-	S4
Dark-eyed Junco	<i>Junco hyemalis</i>	-	-	-	S5
Double-crested Cormorant	<i>Phalacrocorax auritus</i>	-	-	-	S5
Downy Woodpecker	<i>Picoides pubescens</i>	-	-	-	S5
Eastern Bluebird	<i>Sialia sialis</i>	-	-	-	S5
Eastern Kingbird	<i>Tyrannus tyrannus</i>	-	-	-	S4
Eastern Phoebe	<i>Sayornis phoebe</i>	-	-	-	S5
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	-	-	-	S4
Eastern Whip-poor-will	<i>Caprimulgus vociferus</i>	THR	THR Schedule 1	THR	S4
Eastern Wood-pewee	<i>Contopus virens</i>	SC	-	SC	S4
European Starling	<i>Sturnus vulgaris</i>	-	-	-	SNA
Field Sparrow	<i>Spizella pusilla</i>	-	-	-	S4
Fox Sparrow	<i>Passerella iliaca</i>	-	-	-	S4

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Golden Eagle	<i>Aquila chrysaetos</i>	END	-	-	S2
Golden-crowned Kinglet	<i>Regulus satrapa</i>	-	-	-	S5
Gray Catbird	<i>Dumetella carolinensis</i>	-	-	-	S4
Gray Jay	<i>Perisoreus canadensis</i>	-	-	-	S5
Great Black-backed Gull	<i>Larus marinus</i>	-	-	-	S2
Great Blue Heron	<i>Ardea herodias</i>	-	-	-	S4
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	-	-	-	S4
Great Grey Owl	<i>Strix nebulosa</i>	-	-	-	S4
Great Horned Owl	<i>Bubo virginianus</i>	-	-	-	S4
Greater Yellowlegs	<i>Tringa melanoleuca</i>	-	-	-	S4
Green Heron	<i>Butorides virescens</i>	-	-	-	S4
Green-winged Teal	<i>Anas crecca</i>	-	-	-	S4
Hairy Woodpecker	<i>Picoides villosus</i>	-	-	-	S5
Hermit Thrush	<i>Catharus guttatus</i>	-	-	-	S5
Herring Gull	<i>Larus argentatus</i>	-	-	-	S5
Hooded Merganser	<i>Lophodytes cucullatus</i>	-	-	-	S5
Horned Lark	<i>Eremophila alpestris</i>	-	-	-	S5B
House Wren	<i>Troglodytes aedon</i>	-	-	-	S5
Indigo Bunting	<i>Passerina cyanea</i>	-	-	-	S4
Killdeer	<i>Charadrius vociferus</i>	-	-	-	S5
Kirtland's Warbler	<i>Setophaga kirtlandii</i>	END	END Schedule 1	END	S1B
Lapland Longspur	<i>Calcarius lapponicus</i>	-	-	-	S3
Least Flycatcher	<i>Epidonax minimus</i>	-	-	-	S4
Lesser Scaup	<i>Aythya affinis</i>	-	-	-	S4
Lesser Yellowlegs	<i>Tringa flavipes</i>	-	-	-	S4
Lincoln's Sparrow	<i>Melospiza lincolnii</i>	-	-	-	S5
Long-tailed Duck	<i>Clangula hyemalis</i>	-	-	-	S3
Magnolia Warbler	<i>Setophaga magnolia</i>	-	-	-	S5
Mallard	<i>Anas platyrhynchos</i>	-	-	-	S5
Merlin	<i>Falco columbarius</i>	-	-	-	S5
Mourning Dove	<i>Zenaida macroura</i>	-	-	-	S5
Mourning Warbler	<i>Oporornis philadelphia</i>	-	-	-	S4
Mute Swan	<i>Cygnus olor</i>	-	-	-	SNA
Nashville Warbler	<i>Oreothlypis ruficapilla</i>	-	-	-	S5
Northern Cardinal	<i>Cardinalis cardinalis</i>	-	-	-	S5
Northern Flicker	<i>Colaptes auratus</i>	-	-	-	S4
Northern Goshawk	<i>Accipiter gentilis atricapillus</i>	-	-	-	S4

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Northern Harrier	<i>Circus cyaneus</i>	-	-	-	S4
Northern Parula	<i>Parula americana</i>	-	-	-	S4
Northern Pintail	<i>Anas acuta</i>	-	-	-	S5
Northern Saw-whet Owl	<i>Aegolius acadicus</i>	-	-	-	S4
Northern Shrike	<i>Lanius excubitor</i>	-	-	-	SNA
Northern Waterthrush	<i>Seiurus noveboracensis</i>	-	-	-	S5
Olive-sided Flycatcher	<i>Contopus cooperi</i>	SC	THR Schedule 1	THR	S4
Orange-crowned Warbler	<i>Oreothlypis celata</i>	-	-	-	S4
Osprey	<i>Pandion haliaetus</i>	-	-	-	S5
Ovenbird	<i>Seiurus aurocapillus</i>	-	-	-	S4
Palm Warbler	<i>Dendroica palmarum</i>	-	-	-	S5
Pectoral Sandpiper	<i>Calidris melanotos</i>	-	-	-	SH
Peregrine Falcon	<i>Falco peregrinus</i>	SC	SC Schedule 1	SC	S3B
Philadelphia Vireo	<i>Vireo philadelphicus</i>	-	-	-	S5
Pied-billed Grebe	<i>Falco peregrinus</i>	-	-	-	S4
Pileated Woodpecker	<i>Dryocopus pileatus</i>	-	-	-	S5
Pine Grosbeak	<i>Pinicola enucleator</i>	-	-	-	S4
Pine Siskin	<i>Carduelis pinus</i>	-	-	-	S4
Pine Warbler	<i>Setophaga pinus</i>	-	-	-	S5
Prairie Warbler	<i>Setophaga discolor</i>	-	-	-	S3
Purple Finch	<i>Carpodacus purpureus</i>	-	-	-	S4
Red Crossbill	<i>Loxia curvirostra</i>	-	-	-	S4
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	-	-	-	S4
Red-breasted Merganser	<i>Mergus serrator</i>	-	-	-	S4B,S5N
Red-breasted Nuthatch	<i>Sitta canadensis</i>	-	-	-	S5
Red-eyed Vireo	<i>Vireo olivaceus</i>	-	-	-	S5
Redhead	<i>Aythya americana</i>	-	-	-	S4
Red-necked Grebe	<i>Podiceps grisegena</i>	-	-	-	S3B,S4N
Red-shouldered Hawk	<i>Buteo lineatus</i>	-	-	-	S4B
Red-tailed Hawk	<i>Buteo jamaicensis</i>	-	-	-	S4
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	-	-	-	S4
Ring-billed Gull	<i>Larus delawarensis</i>	-	-	-	S5
Ring-necked Duck	<i>Aythya collaris</i>	-	-	-	S5
Rock Pigeon	<i>Columba livia</i>	-	-	-	SNA
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	-	-	-	S4
Rough-legged Hawk	<i>Buteo lagopus</i>	-	-	-	S4
Ruby-crowned Kinglet	<i>Regulus calendula</i>	-	-	-	S4

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Ruby-throated Hummingbird	<i>Archilochus colubris</i>	-	-	-	S5
Ruffed Grouse	<i>Bonasa umbellus</i>	-	-	-	S4
Rusty Blackbird	<i>Euphagus carolinus</i>	-	SC Schedule 1	SC	S4
Sandhill Crane	<i>Grus canadensis tabida</i>	-	-	-	S5
Savannah Sparrow	<i>Passerculus sandwichensis</i>	-	-	-	S4
Scarlet Tanager	<i>Piranga olivacea</i>	-	-	-	S4
Sedge Wren	<i>Cistothorus platensis</i>	-	-	-	S4
Sharp-shinned Hawk	<i>Accipiter striatus</i>	-	-	-	S5
Snow Bunting	<i>Plectrophenax nivalis</i>	-	-	-	SNA
Snow Goose	<i>Chen caerulescens</i>	-	-	-	S5B
Song Sparrow	<i>Melospiza melodia</i>	-	-	-	S5
Spotted Sandpiper	<i>Actitis macularia</i>	-	-	-	S5
Spruce Grouse	<i>Falcapennis canadensis</i>	-	-	-	S5
Surf Scoter	<i>Melanitta perspicillata</i>	-	-	-	S4
Swainson's Thrush	<i>Catharus ustulatus</i>	-	-	-	S4
Swamp Sparrow	<i>Melospiza georgiana</i>	-	-	-	S5
Tennessee Warbler	<i>Oreothlypis peregrina</i>	-	-	-	S5
Tree Swallow	<i>Tachycineta bicolor</i>	-	-	-	S4
Trumpeter Swan	<i>Cygnus buccinator</i>	-	-	-	S4
Tundra Swan	<i>Cygnus columbianus</i>	-	-	-	S4
Turkey Vulture	<i>Cathartes aura</i>	-	-	-	S5
Upland Sandpiper	<i>Bartramia longicauda</i>	-	-	-	S4B
Veery	<i>Catharus fuscescens</i>	-	-	-	S4
Vesper Sparrow	<i>Poocetes gramineus</i>	-	-	-	S4B
Virginia Rail	<i>Rallus limicola</i>	-	-	-	S5
White-breasted Nuthatch	<i>Sitta carolinensis</i>	-	-	-	S5
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	-	-	-	S4
White-throated Sparrow	<i>Zonotrichia albicollis</i>	-	-	-	S5
White-winged Crossbill	<i>Loxia leucoptera</i>	-	-	-	S5
White-winged Scoter	<i>Melanitta fusca</i>	-	-	-	S4
Willow Flycatcher	<i>Empidonax traillii</i>	-	-	-	S5
Wilson's Snipe	<i>Gallinago delicata</i>	-	-	-	S5
Wilson's Warbler	<i>Cardellina pusilla</i>	-	-	-	S4
Winter Wren	<i>Troglodytes troglodytes</i>	-	-	-	S5
Wood Duck	<i>Aix sponsa</i>	-	-	-	S5
Wood Thrush	<i>Hylocichla mustelina</i>	SC	-	THR	S4
Yellow Rail	<i>Coturnicops noveboracensis</i>	SC	SC Schedule 1	SC	S4

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Yellow Warbler	<i>Setophaga petechia</i>	-	-	-	S5
Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>	-	-	-	S5
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	-	-	-	S5B
Yellow-rumped Warbler	<i>Setophaga coronata</i>	-	-	-	S5

Notes:

1. Endangered Species Act 2007 (ESA) Status

END (Endangered) – A species facing imminent extinction or extirpation in Ontario.

THR (Threatened) – Any native species that, on the basis of the best available scientific evidence, is at risk of becoming endangered throughout all or a large portion of its Ontario range if the limiting factors are not reversed.

SC (Special Concern) – A species that may become threatened or endangered due to a combination of biological characteristics and identified threats.

NAR (Not at Risk) – A species that has been evaluated and found to be not at risk.

2. Species at Risk Act 2002 (SARA) Status

END (Schedule 1) – These species are listed as Endangered under Schedule 1 of SARA and receive species and habitat protection under SARA, as well as recovery strategies and action plans.

THR (Schedule 1) – These species are listed as Threatened under Schedule 1 of SARA and receive species and habitat protection under SARA, as well as recovery strategies and action plans.

SC (Schedule 1) – These species are listed as Special Concern under Schedule 1 of SARA and receive management initiatives under SARA to prevent them from becoming endangered and threatened.

No Status (No Schedule) – These species are evaluated and designated by COSEWIC but are not listed under Schedule 1 and therefore do not receive protection under SARA.

NAR (Not at Risk) – These species have either been assessed by COSEWIC as Not at Risk or there is not enough data to assess the status ranking of the species and therefore these are not listed on Schedule 1 nor do they receive protection under SARA.

Not Applicable (N / A) – These species have either been assessed by COSEWIC as Not at Risk or there is not enough data to assess the status ranking of the species and therefore these are not listed on Schedule 1 nor do they receive protection under SARA.

3. The Committee on the Status of Endangered Wildlife in Canada (COSEWIC) Status

END (Endangered) – A species facing imminent extirpation or extinction throughout its range.

THR (Threatened) – A species likely to become endangered if nothing is done to reverse the factors leading to its extirpation or extinction.

SC (Special Concern) – A species of special concern because of characteristics that make it particularly sensitive to human activities or natural events, but does not include an extirpated, endangered or threatened species.

4. The Natural Heritage Information Centre (NHIC) Provincial Ranking System (S-rank)

S1 - Extremely rare in Ontario; usually five (5) or fewer occurrences in the province or very few remaining individuals; often especially vulnerable to extirpation.

S2 - Very rare in Ontario; usually between five (5) and 20 occurrences in the province or with many individuals in fewer occurrences; often susceptible to extirpation.

S3 - Rare to uncommon in Ontario; usually between 20 and 100 occurrences in the province; may have fewer occurrences, but with a large number of individuals in some populations; may be susceptible to large-scale disturbances.

S4 - Common and apparently secure in Ontario; usually with more than 100 occurrences in the province.

S5 - Very common and demonstrably secure in Ontario.

SH - Possibly Extirpated (Historical). Species or community occurred historically in the nation or province, and there is some possibility that it may be rediscovered. Its presence may not have been verified in the past 20-40 years.

S#S# - A numeric range rank (e.g., S2S3) is used to indicate any range of uncertainty about the status of the species or community.

S#? - Rank uncertain.

References:

Government of Canada, 2009: Frequently Asked Questions: What are the SARA schedules? Accessed on February 2015. Available: <http://www.dfo-mpo.gc.ca/species-especes/faq/faq-eng.htm>

Ministry of Natural Resources and Forestry (MNR), 2014a: How Species at Risk are protected. Accessed September 2015. Available: <http://www.ontario.ca/environment-and-energy/how-species-risk-are-protected>

Ministry of Natural Resources and Forestry (MNR), 2014b: Natural Heritage Methodology. Accessed September 2015. Available: <http://www.ontario.ca/environment-and-energy/natural-heritage-methodology>