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Canadian Wildlife Service Species at Risk Program Update To the Nunavut Wildlife Management Board

December 2015

1. Pre-listing Consultations for Red-necked Phalarope (Separate Briefing Note)

In November 2014, COSEWIC (Committee on the Status of Endangered Wildlife in Canada) assessed the Red-necked Phalarope, a shorebird species found throughout Nunavut, as a species of Special Concern.

Environment Canada's Canadian Wildlife Service will begin pre-listing consultations from November 2015 - February 2016 and CWS is requesting NWMB input on the consultation process. A separate briefing note provides Information regarding the pre-listing consultations, consultation material and communities to be consulted.

2. Management Plan for Peregrine Falcon in Canada – Final Approval (Separate Briefing Note)

The Peregrine Falcon was listed as Special Concern under the federal *Species at Risk Act* and a proposed management plan was developed and posted on the Species at Risk Registry (www.sararegistry.gc.ca) for the 60-day public comment period. This period ended on July 28, 2015. Environment Canada will have 30-days to consider comments received and finalize the document. The document is being prepared for final posting and CWS is requesting a decision on final approval for the document prior to final posting. Additional information regarding the final approval of Peregrine Falcon by the NWMB is provided in a separate briefing note.

3. A Guide to Species At Risk in Nunavut

CWS is in the initial stage of developing "A Guide to Species at Risk in Nunavut" booklet and is interested in partnering with the NWMB, Government of Nunavut, Department of Fisheries and Oceans and Parks Canada. CWS plans to contract the draft development and is looking to partners to provide reviews and input into the document. The publication will be modelled after a similar NWT document that was done cooperatively with the Government of the NWT (<http://www.nwt-species-at-risk.ca/news/guide-species-risk-nwt-2014-edition>).

4. Species at Risk Stewardship Funding – Call for Expressions of Interest/Proposals

Environment Canada will be sending out a call for expressions of interest/proposals for the 2016-2017 fiscal year for species and habitat conservation work. These programs are offered jointly by Environment Canada, Fisheries and Oceans Canada, and Parks Canada Agency under the auspices of the *Species at Risk Act* to help engage Canadians in stewardship and recovery actions.

The four funding streams are:

1. Habitat Stewardship Program (HSP) for Species at Risk
2. Habitat Stewardship Program (HSP) for Prevention
3. Aboriginal Fund for Species at Risk (AFSAR)
4. Aboriginal Fund for Species at Risk (AFSAR) for Prevention

The “Prevention” streams of funding are for Canadian species not listed under the *Species at Risk Act* or assessed by the Committee on the Status of Endangered Wildlife in Canada (COSEWIC).

5. Recovery Strategy and Management Plan for Red Knot in Canada – Development Update

Red Knot is a shorebird which was assessed by COSEWIC in 2007 and listed under the *Species at Risk Act* in 2012 as Red Knot [*rufa*](#) subspecies (Endangered), [*roselaari*](#) type (Threatened) and [*islandica*](#) subspecies (Special Concern). EC developed a combined draft recovery strategy/management plan for the species. Community consultations were completed in July and August 2015. The second jurisdictional review and support to post request occurred in September 2015, and the proposed recovery strategy will be posted on the *Species at Risk Registry* for the 60-day public comment period shortly. Following the public comment period, Environment Canada will have 30-days to consider comments received and finalize the document. Once finalized, the NWMB will be asked to consider support for the document prior to final posting.

6. Management Plan for Barren-ground Caribou (Dolphin and Union population) in Canada – Development Update

Barren-ground caribou (Dolphin and Union population) was listed as Special Concern under the federal *Species at Risk Act* in 2011 and CWS is working cooperatively with all co-management partners in Nunavut and the NWT to develop the management plan. A draft framework and a draft management plans were developed following a meeting in March 2015. A second co-management partner meeting is scheduled for Cambridge Bay from December 1-3, 2015, to review the document.

Once completed, the collaboratively developed management plan will be adopted by Environment Canada with any additional components added or exemptions in order to make it “SARA-compliant”.

7. Recovery Strategy for Peary Caribou in Canada – Development Update

Work is continuing on the collaborative development of the Peary caribou recovery strategy and the knowledge assessment to help inform critical habitat identification. The recovery strategy is due to be posted as proposed on the federal Species at Risk Registry by March 2017. Upcoming activities include:

- Recovery Strategy for Peary Caribou in Canada draft complete and being sent for review to technical committee and co-management communities – Fall 2015
- First Jurisdictional Technical Review (WMAC, NWMB, GNWT, GN) – Fall 2015
- Community consultation on the draft recovery document – Winter 2016

Appendix 1: COSEWIC assessment schedule for species found in Nunavut.
(http://www.cosewic.gc.ca/eng/sct2/sct2_4_e.cfm)

Taxonomic Group	Common Name	Scientific Name	Last Assessment	Stage of Current Assessment	Canadian Range / Known or Potential Jurisdictions
November 2015 (1 species)					
Mammals (terrestrial)	Peary Caribou	<i>Rangifer tarandus pearyi</i>	Endangered, May 2004	Revision to final report	NU, NT, CWS, Parks, NWMB, WMAC (NWT)
November 2016 (3 species)					
Birds	Rusty Blackbird	<i>Euphagus carolinus</i>	Special Concern, April 2006	Initial report in preparation	AB, BC, MB, NB, NL, NT, NS, NU, ON, PE, QC, SK, YT, CWS, Parks
Mammals (terrestrial)	Barren-ground Caribou	<i>Rangifer tarandus groenlandicus</i>	Not applicable	Revision to initial report	AB, SK, MB, YT, NU, NT, CWS, Parks, NWMB, WRRB, SRRB, GRRB, WMAC (NWT), WMAC-NS, YFWMB, NYRRC, DDRRC, MDRRC
Mammals (terrestrial)	Caribou (Dolphin and Union population)	<i>Rangifer tarandus</i>	Special Concern, May 2004	Revision to final report	NT, NU, CWS, Parks, NWMB, WRRB, WMAC (NWT), SRRB
April 2017 (2 species)					
Birds	Harris's Sparrow	<i>Zonotrichia querula</i>	Not applicable	Initial report in preparation	NT, NU, BC, AB, SK, MB, ON, Parks, CWS
Mosses	Porsild's Bryum	<i>Haplodontium macrocarpum</i>	Threatened, November 2003	Initial report in preparation	AB, BC, NL, NU

Appendix 2: Listed and COSEWIC assessed species and recovery document status for Nunavut species.

SARA Status	Taxon	Common Name	Last COSEWIC Assessment Date and Change	SARA Listing Date	Recovery Document Type	Recovery Document Status	Recovery Document Due (Legislated)	Recovery Document Target Year	Comment
Endangered	Mammals (terrestrial)	Peary Caribou	May 2004 (Reassigned)	2011-02-04	Recovery Strategy	Drafting	2014-02-04	2016-2017	
Endangered	Birds	Eskimo Curlew	November 2009 (No Change)	2003-06-05	Recovery Strategy	Final	---		Historic range
Endangered	Birds	Ivory Gull	April 2006 (In a higher risk category)	2003-06-05	Recovery Strategy	Final	---		
Endangered	Birds	Red Knot rufa subspecies	April 2007 (New)	2012-06-20	Recovery Strategy	Drafting (2nd Jurisdictional Review underway)	2013-06-20	2015-2016	
Threatened	Birds	Olive-sided Flycatcher	November 2007 (New)	2010-02-23	Recovery Strategy	Proposed on registry (Public Consultation period complete)	2012-02-23	2014-2015	
Threatened	Birds	Ross's Gull	April 2007 (No Change)	2003-06-05	Recovery Strategy	Final	---		
Threatened	Mosses	Porsild's Bryum	November 2003 (New)	2011-02-04	Recovery Strategy	Proposed on registry (Finalization Delayed)	2013-02-04	2014-2015	1st Jurisdictional Review of the Action Plan is underway
Special Concern	Birds	Harlequin Duck (Eastern population)	November 2013 (No Change)	2003-06-05	Management Plan	Final	---		
Special Concern	Mammals (terrestrial)	Polar Bear	April 2008 (No Change)	2011-10-27	Management Plan	Drafting	2014-10-27	2015-2016	
Special Concern	Vascular Plants	Felt-leaf Willow	May 2000 (New)	2003-06-05	Management Plan	Final	---		
Special Concern	Mammals (terrestrial)	Barren-ground Caribou (Dolphin and Union population)	May 2004 (Reassigned)	2011-02-04	Management Plan	Drafting	2016-02-04	2016-2017	
Special Concern	Birds	Short-eared Owl	April 2008 (No Change)	2012-06-20	Management Plan	Drafting (Second Jurisdictional Review complete)	2017-06-20	2015-2016	
Special Concern	Birds	Red Knot islandica subspecies	April 2007 (New)	2012-06-20	Management Plan	Drafting (First Jurisdictional Review complete)	2015-06-20	2015-2016	
Special Concern	Birds	Peregrine Falcon anatum/tundrius	April 2007 (Reassigned)	2003-06-05	Management Plan	Proposed on registry (Public Consultation period complete.)	2015-06-20	2015-2016	

SARA Status	Taxon	Common Name	Last COSEWIC Assessment Date and Change	SARA Listing Date	Recovery Document Type	Recovery Document Status	Recovery Document Due (Legislated)	Recovery Document Target Year	Comment
Special Concern	Birds	Rusty Blackbird	April 2006 (New)	2009-03-05	Management Plan	Final (Posted 2015-07-31)	2012-03-05	2013-2014	
No Status	Birds	Horned Grebe (Western population)	April 2009 (New - Special Concern)						
No Status	Mammals (terrestrial)	Grizzly Bear (Western population)	May 2012 (Reassigned - Special Concern)						
No Status	Birds	Buff-breasted Sandpiper	May 2012 (New - Special Concern)						
No Status	Mammals (terrestrial)	Wolverine	May 2014 (Reassigned - Special Concern)						
No Status	Birds	Red-necked Phalarope	Nov 2014 (New - Special Concern)						

Prepared by: Donna Bigelow, Species at Risk Biologist
Canadian Wildlife Service, Yellowknife, NT
Phone No: 867-669-4783
Date Drafted: 2015-Nov-06



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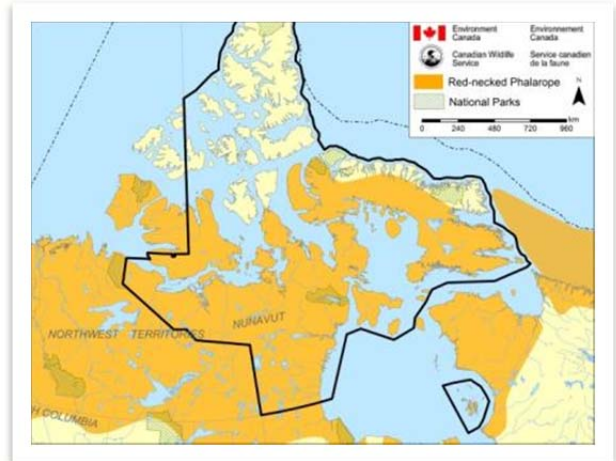
Submission to the Nunavut Wildlife Management Board

For

Information: X

Decision:

Issue: Pre-listing consultations for the Red-necked Phalarope as a species of Special Concern under the federal *Species at Risk Act (SARA)*



Background:

- Red-necked Phalarope was assessed by the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) in November 2014 and designated as a species of Special Concern.
- COSEWIC's reason for designation: This bird has declined over the last 40 years in an important staging area; however, overall population trends during the last three generations are unknown. The species faces potential threats on its breeding grounds including habitat degradation associated with climate change. It is also susceptible to pollutants and oil exposure on migration and during the winter. This is because birds gather in large numbers on the ocean, especially where currents concentrate pollutants.
- In Nunavut, Red-necked Phalarope is found in each region except the high arctic islands (Range map above).
- On October 6th, 2015, COSEWIC submitted its assessment of the Red-necked Phalarope to the Minister of the Environment. The Minister of the Environment will respond within 90 days, by posting a response on the SARA Public Registry. The response statement will indicate the scope of the consultation and timelines.
- Environment Canada's Canadian Wildlife Service (CWS) will consult with the appropriate Minister(s), wildlife management boards and Aboriginal organizations on changes to the List of Wildlife Species at Risk (Schedule 1) of the *Species at Risk Act* for terrestrial species.

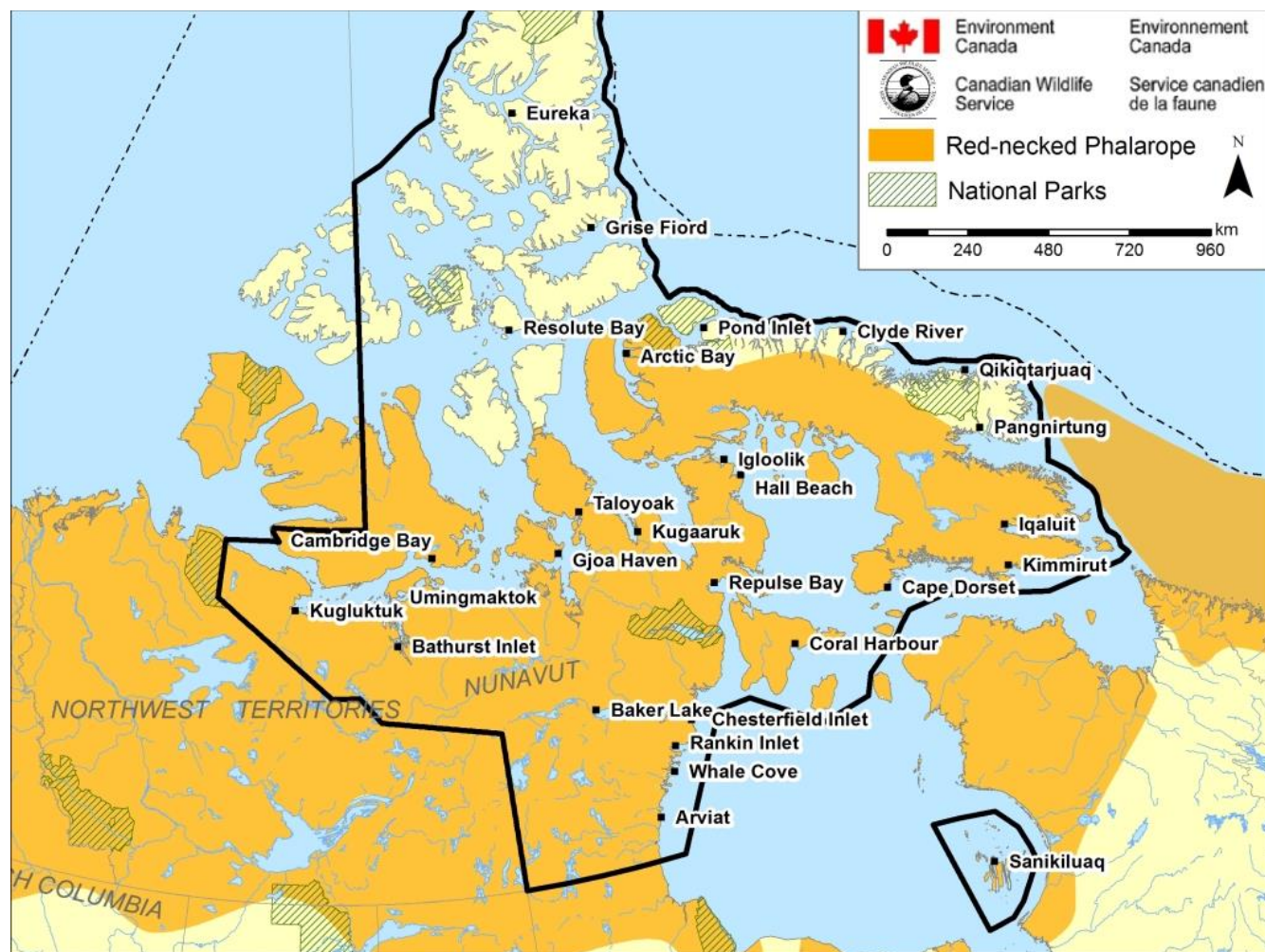
- For species that are listed as Special Concern, a management plan is to be prepared within three years of the species' addition to Schedule 1 and added to the Species at Risk Registry. Management plans are prepared in cooperation with the jurisdictions, wildlife management boards, and Aboriginal organizations.
- While immediate protection under SARA for species listed as Extirpated, Endangered and Threatened do not apply to species listed as Special Concern, any existing protections and prohibitions continue to be in force.

Next Steps - Consultation Process:

- Jurisdictions and wildlife management boards, including the NWMB and the Government of Nunavut, will be asked to review and provide input into the draft Terrestrial Issues Flagging (TIF) document, which outlines the species' current status, presence on the landscape, projected impact of listing, and issues flagged. This process helps inform the decision on the consultation timeline – normal or extended.
- Consultations on the proposed listing will be held between November 2015 and February 2016 with hunters and trappers organizations (HTOs) and regional wildlife boards. Organizations are asked to provide their formal position on the proposed listing (i.e. oppose, support or are indifferent) and with any other comments, concerns or information that they feel should be considered.
- Consultation packages, in Inuktitut and English, will be sent by mail and email, include: a letter, a narrated PowerPoint, and a questionnaire/response form. The full COSEWIC Assessment and Status Report will be provided in digital format in English only.
- Given the range of the species, CWS plans to consult all Nunavut communities with the exception of Grise Fiord and Resolute Bay.
- To support consultations, CWS will extend an offer to provide more information, if requested, in the best means possible, including attending a board meeting by teleconference. A reminder email and follow-up phone calls, to the extent possible, will be done to seek input from as many organizations as possible.
- Following consultations, CWS will summarize the consultation results and present them to the Board at the next quarterly meeting following the consultation period and seek NWMB's decision on the proposed listing of the species.

Request of the NWMB

- That the NWMB provide Environment Canada with any feedback on the consultation process (material and communities to be consulted) to obtain Hunters and Trappers Organizations/Associations' input and support for the proposed listing of Red-necked Phalarope as a species of Special Concern under the federal *Species at Risk Act*.





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Draft Listing Consultation Material for Red-necked Phalarope



Canadian Wildlife Service
Environment Canada
PO Box 2310 – 5019 – 52nd Street
Yellowknife NT X1A 2P7

Date

RE: Proposed Listing of Red-necked Phalarope as Special Concern under the federal *Species at Risk Act*

The purpose of this package is to share information and get your feedback on the proposed listing of **Red-necked Phalarope** as a species of Special Concern under the federal *Species at Risk Act* (SARA).

You are invited to submit comments on the potential impacts of amending the List of Wildlife Species at Risk according to this Committee on the Status of Endangered Wildlife in Canada (COSEWIC) status assessment. Your comments will be considered and will inform the federal Minister's recommendation.

By email and mail, we are sending you a package including the following materials:

- A narrated powerpoint presentation providing you with detailed information about **Red-necked Phalarope**, the COSEWIC assessment and details on what the proposed listing means to you (in English and Inuktitut).
- COSEWIC Assessment and Status Report (full document) for **Red-necked Phalarope** (digital copy only and English only).
- A questionnaire/response form for you to provide comments and indicate whether you support/do not support/ are indifferent to the proposed listing (in English and Inuktitut).

We hope your organization will review the information in this package. If you have any additional questions, concerns or information that you feel should be considered in the listing decision by the Nunavut Wildlife Management Board (NWMB) and the federal Minister of the Environment, please let us know and we will follow up with you as needed. If you feel this package provides enough information for you to make a decision, please respond in writing to the Canadian Wildlife Service telling us your formal position on the proposed listing of **Red-necked Phalarope** as a species of Special Concern. You can either send us a letter and/or you can fill in the attached questionnaire/response form and email or fax it to us.

There will also be an opportunity to provide comments during the 30-day public consultation period associated with pre-publication in Canada Gazette Part I.



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We request your response by **Date** so that we can report your feedback to the NWMB at their quarterly meeting in March 2016.

Please send your comments or questions to:

Donna Bigelow, Species at Risk Biologist
Canadian Wildlife Service
P.O. Box 2310
Yellowknife, NT X1A 2P7
Email: Donna.Bigelow@ec.gc.ca
Phone: 867-669-4783
Fax: 867-873-6776

Sincerely,

Bruce MacDonald
Manager, Northern Conservation Section
Prairie and Northern Region
Environment Canada - Canadian Wildlife Service

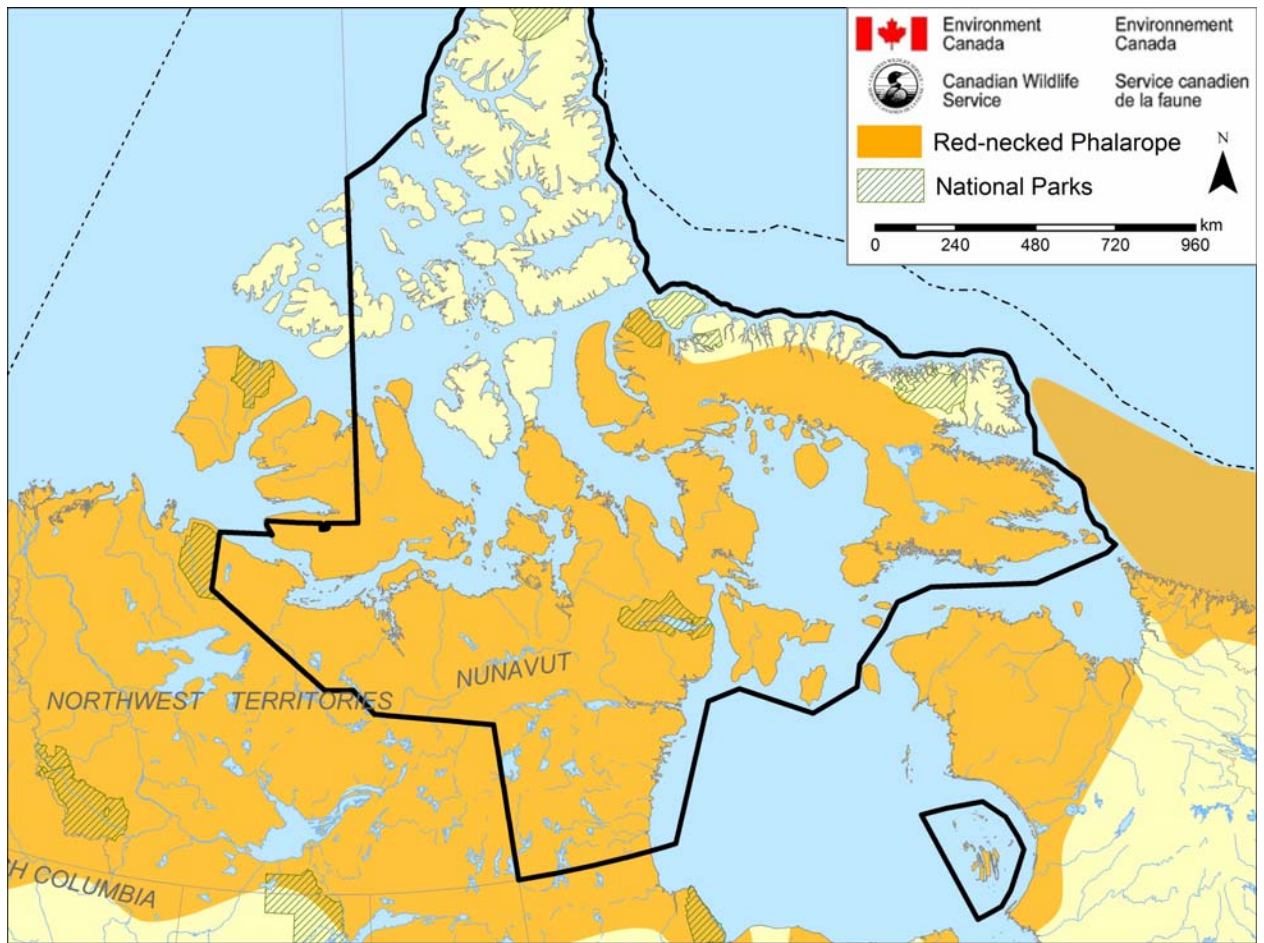


Figure 1. Range of the Red-necked Phalarope in Nunavut



COSEWIC Wildlife Species Assessments (detailed version), May 2015

<http://www.cosewic.gc.ca/>

Phalarope, Red-necked | *Phalaropus lobatus*

Status: Special Concern

Last Examination and Change: November 2014 ([New](#))

Canadian Occurrence: YT, NT, NU, BC, AB, SK, MB, ON, QC, NB, PE, NS, NL, Pacific Ocean, Arctic Ocean, Atlantic Ocean

Status Criteria: Not applicable



Reason for Designation: This bird has declined over the last 40 years in an important staging area; however, overall population trends during the last three generations are unknown. The species faces potential threats on its breeding grounds including habitat degradation associated with climate change. It is also susceptible to pollutants and oil exposure on migration and during the winter. This is because birds gather in large numbers on the ocean, especially where currents concentrate pollutants.

Status History: COSEWIC designated Special Concern in November 2014.



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Please send this form to **867- 873-6776**
Or email to **Donna.Bigelow@ec.gc.ca**
by **February, 2016**

Red-necked Phalarope **Proposed Listing as Special Concern**

The following questions are intended to assist you in providing comments. They are not limiting and any other comments you may have are welcome. We also encourage you to share descriptions and estimates of costs and benefits where possible.

Questionnaire filled out by:

(Print name / title)

Organization:

Date questionnaire completed

Have you heard of Red-necked Phalarope before?

☐

Yes

☐

No

Have you seen Red-necked Phalarope in your area?

☐

Yes

☐

No

Do you have enough information to make a decision on your position/opinion on the proposed listing of Red-necked Phalarope as species of Special Concern under the federal *Species at Risk Act*?

☐

Yes

☐

No

If you need more information, someone will contact you to see how best to provide this information

What is your organization's position/opinion on the proposed listing of Red-necked Phalarope as a species of Special Concern?

☐

Support the proposed listing of Red-necked Phalarope as Special Concern

☐

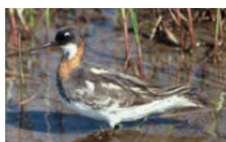
Do not support the proposed listing of Red-necked Phalarope as Special Concern

☐

Indifferent to the proposed listing of Red-necked Phalarope as Special Concern

What are your reasons for this position?

Red-necked Phalarope:
Proposed Listing as Special Concern



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Please send this form to **867- 873-6776**
Or email to **Donna.Bigelow@ec.gc.ca**
by **February, 2016**

Impact on your Activities: Do you think adding the species to the SARA List would have ☐ No impact ☐ A positive impact ☐ A negative impact **on your activities? What are the implications of such impacts?**

Impact of your Activities: Might any of your activities have an impact on this species? If yes, to improve management of this species would you be willing to avoid or adjust your activities to lessen their impact? What would be the implications of any such adjustments to your activities?

Economic Benefits/Costs: Do you think that listing the species would have economic benefits or costs to you, your community, or your organization?

Red-necked Phalarope:
Proposed Listing as Special Concern



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Please send this form to **867- 873-6776**
Or email to **Donna.Bigelow@ec.gc.ca**
by **February, 2016**

Environmental/Ecosystem Benefits/Costs: Do you think that listing the species would have any benefits or costs to the environment or ecosystem?

Cultural/Social Benefits/Costs: Do you think that listing the species would have cultural or social benefits or costs for you, your community or your organization?

Do you have any other information or concerns that the federal Minister of the Environment should consider before making a decision on the listing of the species as Special Concern?

Red-necked Phalarope:
Proposed Listing as Special Concern



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Please send this form to **867- 873-6776**
Or email to Donna.Bigelow@ec.gc.ca
by **February, 2016**

Additional comments:

If your organization has more extensive views, comments or concerns than allowed for on this form, please feel free to attach another sheet or send us a letter outlining your comments.

If you did not include a letter with this form, will you be sending one?

- ☐ Yes When can we expect to receive it? _____
☐ No

Please send this form and any additional comments or questions to:

Donna Bigelow, Species at Risk Biologist
Canadian Wildlife Service
P.O. Box 2310
Yellowknife, NT X1A 2P7
Email: Donna.Bigelow@ec.gc.ca
Phone: 867-669-4783
Fax: 867-873-6776

Red-necked Phalarope:
Proposed Listing as Special Concern



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Red-necked Phalarope



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Proposed Listing as Special Concern under the federal Species at Risk Act

[illegible]

**Nunavut Wildlife Management Board Meeting
December 2015
Iqaluit, NU**

Status History

- [illegible]

The Red-necked Phalarope is a new assessment by the Committee on the Status of Endangered Wildlife in Canada (COSEWIC). It was assessed as Special Concern in November 2014.

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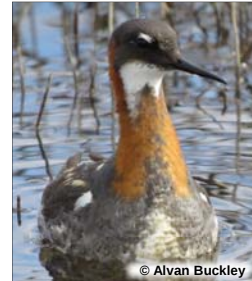
About the Red-necked Phalarope

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Small shorebird with a very narrow, needle-like bill
- ወርቅናግሥት ርኅዮር: ለጋራጋብ-ወልወልግሥት ርኅዮር ካፍኖም ለጋራ ርኅዮም ለጋራ ለጋራ ለጋራ ለጋራ ለጋራ
Breeding season plumage: red-orange colour on its sides and base of its neck, and the remainder is blue-grey and white
- ወርቅናግሥት ርኅዮር: ክፍረት ርኅዮር, ክፍረት ርኅዮር, ክፍረት ርኅዮር ለጋራ ለጋራ ለጋራ ለጋራ ለጋራ
Non-breeding plumage: white along the head, throat, breast and underparts, with dark upperparts, eye stripe and crown
- ለጋራ ለጋራ ክፍረት ርኅዮር ለጋራ ለጋራ ለጋራ
Females are more brightly coloured than males

ወርቅናግሥት ርኅዮር
Breeding Plumage



ላላጋራ ለጋራ ለጋራ ካፍኖም
Male Red-necked Phalarope



ላላጋራ ለጋራ ለጋራ ካፍኖም
Female Red-necked Phalarope



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About the Red-necked Phalarope

- ላላጋራ ማረፊያ ለጋራ ለጋራ ለጋራ ለጋራ ለጋራ ለጋራ
Female selects nesting sites and may mate with multiple males
- ለጋራ ለጋራ ለጋራ ለጋራ ለጋራ ለጋራ
Nests may contain 4 eggs, but parents do not defend their territory
- ለጋራ ለጋራ ለጋራ ለጋራ ለጋራ ለጋራ
Males undertake the majority of parental care, incubating the eggs after the female leaves in search of other mates
- ላላጋራ ለጋራ ለጋራ ለጋራ ለጋራ ለጋራ
Females then group near the coast or leave the breeding grounds entirely
- ለጋራ ለጋራ ለጋራ ለጋራ ለጋራ ለጋራ
Males remain to tend to young



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About the Red-necked Phalarope

- ᑕᓚᐅᔪᒥᑦᑖᑦᑭᓂᓄᓇᑦᑐᑦ ᐱᓚᐱ ሙዋᑖᑖᑖᑖᑖᑦᑐᑦ ᐃᓗፊᑦ ᑕᑯᓴᐅᔪᒥᑦᑐሙᑖ ᑕᓚᐅᔪᒥᑦᐅᑕሙᑖ
While at sea, form large flocks and prey almost exclusively on zooplankton
- ᐱᔾᒥᔪᒥᑦᑖᑦᑭᓂᓄᓇᑦᑐᑦ ᐱᔪᒥᓂᑦ ሥᓴᔪᒥᑦᐅᑕሙᑦ ᓂᔪᒥᑦᐱᓂᓄᓇᑦᑐᑦ ᑕᓚᐅᒥᔪᒥᑦᐱᓂᓄᓇᑦᑐᑦ
Unlike most other shorebirds, spends much of the non-breeding season at sea
- ᐅᓂᑖᑖᑖᑖᑖᑖᑐᑦ ᑕᓚᐃፊᑦ ᐱᓗᑖᑐᑖᒥᓚፊᑦ ᐱᔪᒥᑦᐱᓂᓄᓇᑦᑐᑦ ᐃᓂᑖᑖᑖᑖᑖᑐᑦ ᑖᓂᑕᒥ
Migrates through every province and territory in Canada

▶ **ႃႆႃႆႃႆ**
Nests



Δσ^αλ
Habitat

ප්‍රධාන

Breeding

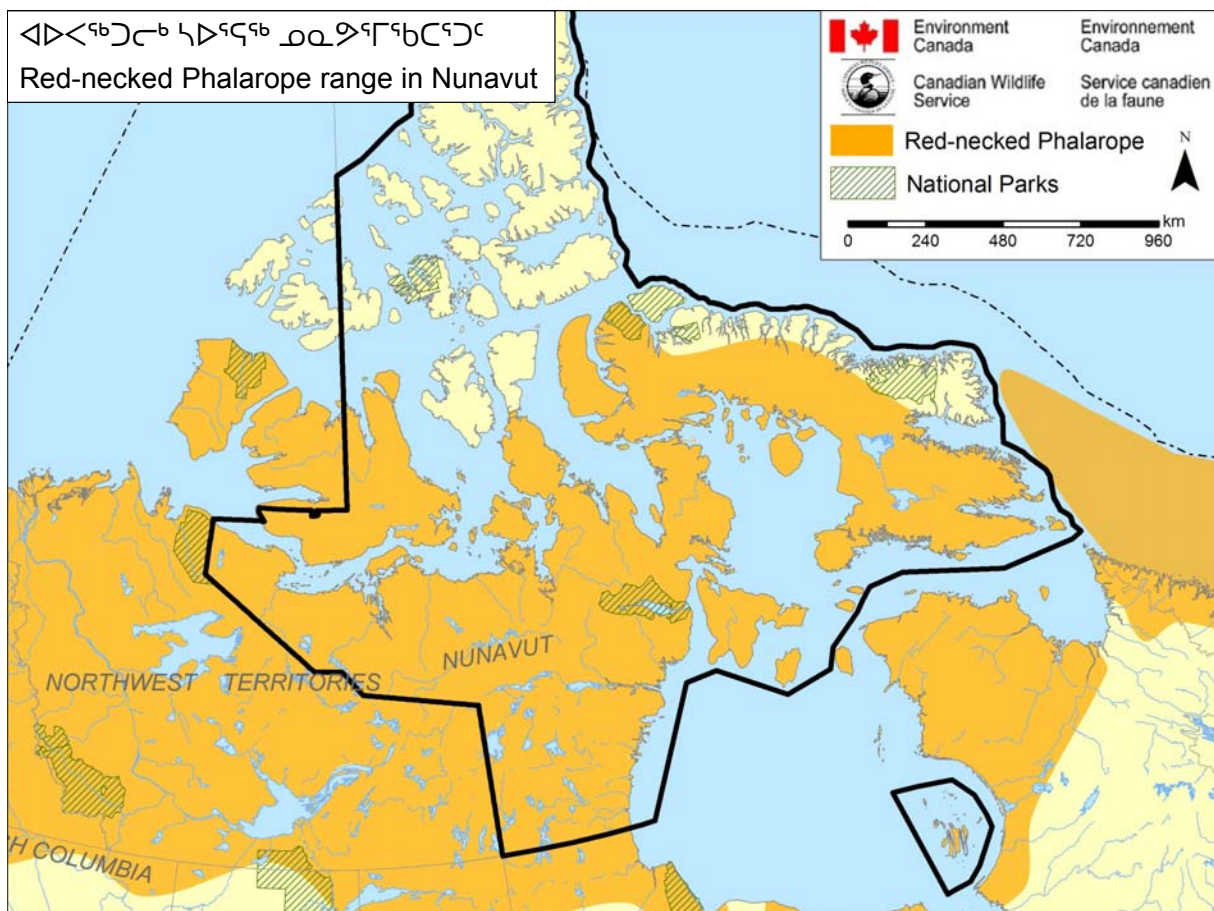
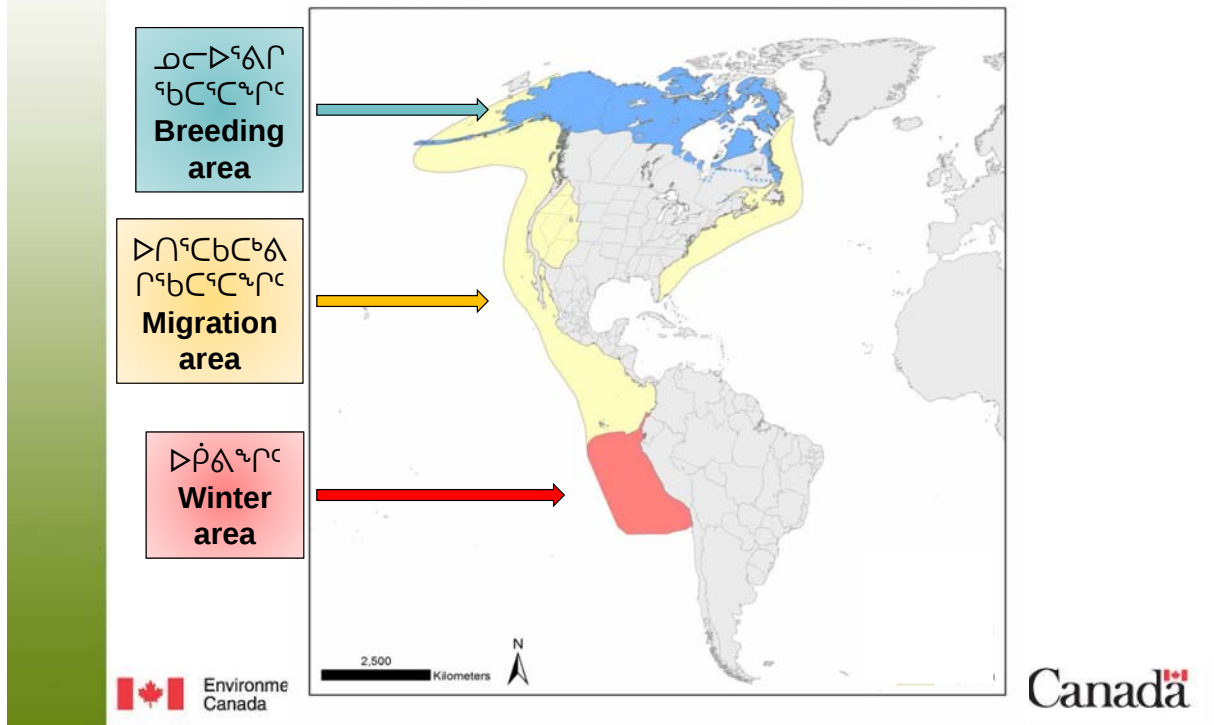
- Breed in low- and sub-Arctic wetlands, near freshwater ponds/lakes/streams
- Effects of climate change (eg. Drying of freshwater ponds, expansion of shrubs/trees into low- and sub-Arctic wetlands) expected to have a significant impact on habitat quality and availability

$\Delta n^{\text{IC}} < b \sigma^{\text{IC}}$

Migration

- ከሰላሳጥን ርቀው በሰላሳጥን ላይ ለመገኘት ስላችሁት ምሳሌ (eg. Upwellings)
 - ምሳሌ፡ በሰላሳጥን ላይ ለመገኘት ስላችሁት ምሳሌ (eg. Upwellings)
- May also stop at lakes/ponds inland, especially saline lakes with abundant aquatic invertebrates

ᐱᐃᐸᓐᐸᐸᓐ ᐱᐃᓐᓐ ᐃᓂᓐᐸᐸᐸᐸᓐ Red-necked Phalarope Range



Population Sizes and Trends

- ≥ 2.5 million individuals in North America, 74% (1.85 million) occur in Canada
Minimum 2.5 million individuals in North America, 74% (1.85 million) occur in Canada
- Do not have a complete understanding of migration routes
Do not have a complete understanding of migration routes
- A lot of uncertainty around population sizes and trends, estimates are largely based on expert opinion
A lot of uncertainty around population sizes and trends, estimates are largely based on expert opinion
- Red-necked Phalarope are less abundant in the Bay of Fundy (3 million in 1970 compared to 550,000 in 2009-2010 surveys)
Red-necked Phalarope are less abundant in the Bay of Fundy (3 million in 1970 compared to 550,000 in 2009-2010 surveys)
- Declines noted on breeding grounds in Manitoba and the Yukon, although observations are limited
Declines noted on breeding grounds in Manitoba and the Yukon, although observations are limited



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Page 9

[illegible]

Threats and Limiting Factors

- [illegible]

Knowledge gaps (eq. Adaptability, migration, over-wintering biology)

መርሐፊ ግሥ (ፈርሐጋብ ወደፍገጋ)

Breeding Grounds (including those in Nunavut)

- [illegible]

Climate change could cause habitat and food-web effects, and are seen as the greatest threat

- ሪፖዲንጅር<ረብጋልዊናማኒ ሙራሚያው
Contaminant build-up in the Arctic environment
- ልምሮናደረቆሚሮ ካዲየትሳይንስ ለረቢላሞ
Increased industrial activities

Removal of vegetation caused by increasing Snow Geese populations



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Page 10



What are the implications of Special Concern listing?

- Canada

Canada

◁Λ^c∂^c? ▷^cб▷^cℓ^bΔ^c?

Questions? Comments?

[illegible]

If you would like further information please contact:

ርዕሰ ልቦን፣ ማኅተምና ስልጠና የሚያስፈልጉትን
 ባለሙያዎች ይመለከታል፡፡
 በአዲስ አበባ፣ ኢትዮጵያ
 ኃይማኖት፣ ምሥራቅ፣ X1A 2P7
 ኢሜል አድራሻ፡ Donna.Bigelow@ec.gc.ca
 ስልክ፡ 867-669-4783
 ምላሽ፡ 867-873-6776

Donna Bigelow, Species at Risk Biologist
Canadian Wildlife Service
P.O. Box 2310
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Email: Donna.Bigelow@ec.gc.ca
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Fax: 867-873-6776



Environment
Canada

Environnement
Canada



Submission to the Nunavut Wildlife Management Board

FOR DECISION

Issue: Request for approval of the final *Management Plan for Peregrine Falcon in Canada* under the federal *Species at Risk Act*

Background:

- The draft recovery document was sent to the NWMB in August 2014 for the first jurisdictional review.
- Environment Canada presented to the NWMB at their September 2014 meeting to share the proposed path for consultations on the recovery document and requested feedback from the NWMB.
- Community consultations on the recovery document were conducted from September to October 2014. Environment Canada received the following:
 - Support / No concerns: Arviat HTO, Omingmaktok HTA, Aiviit HTO, Amaruq HTO
 - Indifferent / Need more information: Aqigiq HTO, Arviq HTO
- Environment Canada posted a proposed management plan on the Species at Risk Registry in May 2015 for the 60-day public comment period, which ended on July 28, 2015.
- Environment Canada considered the comments received during the 60-day public comment period and revised the document.

Next Steps:

- This briefing is the notification of the results of the consultations on the recovery document in Nunavut.

- Environment Canada is now prepared to post the recovery document on the Species at Risk Registry as final.
- Environment Canada is providing the recovery document to the NWMB for final approval decision as per the NLCA s. 5.2.34

Recommendation:

- That the NWMB considers whether or not they approve the final Management Plan for the Peregrine Falcon in Canada under the federal Species at Risk Act as per the NLCA s. 5.2.34.

Prepared by:
Donna Bigelow, Species at Risk Biologist
Northern Conservation Section
Canadian Wildlife Service, Prairie and Northern Region
Yellowknife, NT
Phone: 867-669-4783
2015-November-06

[illegible]

Management Plan for Peregrine Falcon *anatum/tundrius* in Canada – Request for NWMB approval of final document

[illegible]

Species at Risk Program
Canadian Wildlife Service
Iqaluit, NU
December 2015

[illegible]

Federal *Species at Risk Act* (SARA) Process: Peregrine Falcon

[illegible]

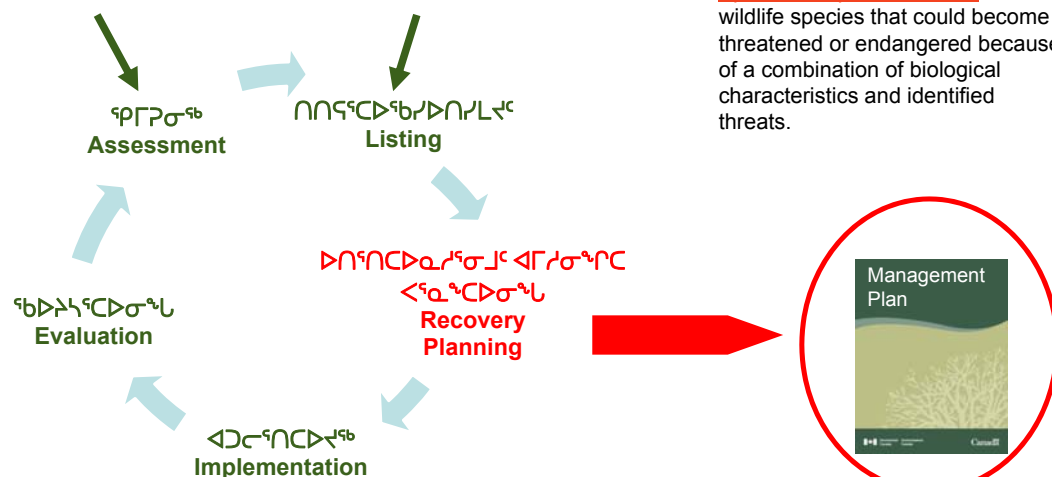
COSEWIC assessed as *Special Concern*
(2007)

በበኛርጋረመሥርቶ
ለጋራዊነትና ለሥራ
መኖሪያ ለሥራ ለሥራ ለሥራ
(2012)

*Listed as Special Concern under
SARA (2012)*

ሙሉ ለጋራው የሚታወቅ ሲሆን፣
 በሀገሪቱ ውስጥ በሚኖሩት
 ህጻናት መካከል በተከሰተው
 ምርመራ ውስጥ ለሚገኙት
 ህጻናት ምርመራ ሲደረግ
 ለሀገሪቱ ምርመራ ሲደረግ

Species of special concern is a wildlife species that could become threatened or endangered because of a combination of biological characteristics and identified threats.



Management Plan

- Canada

Peregrine Falcon : Description

- Canada

Reason for Designation as Special Concern

- [illegible]

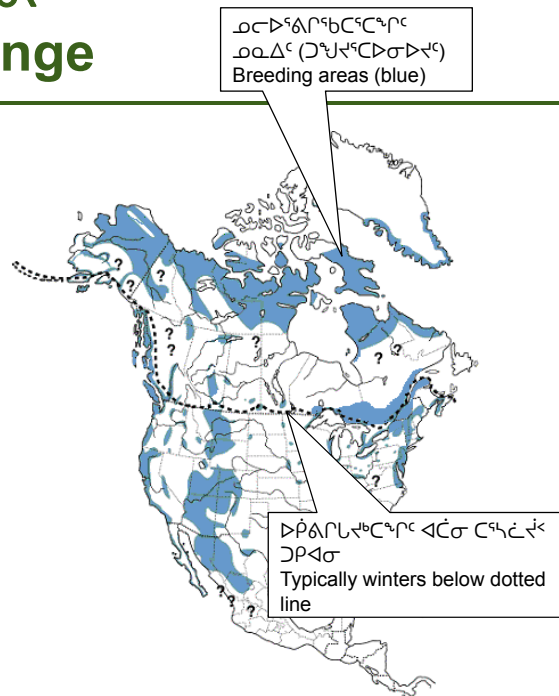
ለረብሮ ፆረገረፍጋሚ About the Peregrine Falcon

- [illegible]

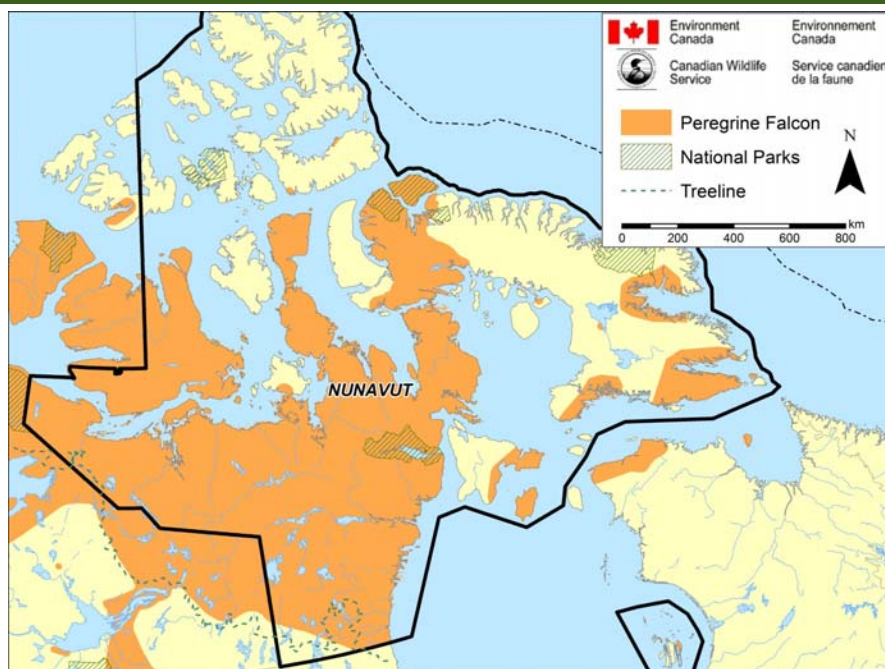


ᐃᓂᓂᐱᖃᑕᖃᑕᖃᑕ ᑭᐪᐃᖃ Peregrine Falcon Range

- ᐃᓂᓂᐱᖃᑕ ᑭᐪᐃᖃ ᐃᓂᓂᐱᖃᑕᖃᑕ ᑭᐪᐃᖃ
50% of Peregrine Falcon's breeding range is in Canada
- ᐃᓂᓂᐱᖃᑕᖃᑕ ᑕᐪᐃᓂ ᐃᓂᓂᐱᖃᑕ ᑭᐪᐃᖃ ᐃᓂᓂᐱᖃᑕᖃᑕ
>ᐱᖃᑕᖃᑕᖃᑕ ᑭᐪᐃᖃ ᐃᓂᓂᐱᖃᑕ ᐃᓂᓂᐱᖃᑕ ᐃᓂᓂᐱᖃᑕ
Breeds in every province and territory in Canada with the exception of PEI and the Island of Newfoundland
- ᐃᓂᓂᐱᖃᑕᖃᑕ ᓂᖃᑕᖃᑕ ᐃᓂᓂᐱᖃᑕ ᓂᖃᑕᖃᑕ ᐃᓂᓂᐱᖃᑕ
Typically winters from southern Canada to South America



ᑭᐪᐃᖃᑕᖃᑕ ᐃᓂᓂᐱᖃᑕ Peregrine Falcon Range in Nunavut



Threats to the Peregrine Falcon

- [illegible]



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$\triangleleft \triangleright c^{\sigma} j^c \triangleright d^b j^c$

Management Objective

- [illegible]

To maintain the Peregrine Falcon *anatum/tundrius* population throughout its Canadian range to at least level reached in 2010 for the next 10 years following the publication of the final version of this management plan.



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ኅይወጥ ኅይወትኢኢ ጋናሌሊኦ፣ ስራሪር፣ኢኢ?

How will success be measured?

NPDP በሙሴ ልዑል ጥያቄ ይከተላል፡ የአጀል አገልግሎት ስርዓት ተለይቶ ነው።
Success of the management objective will be evaluated every five years to determine if:

- 2025-ዓረፍት፣ ርኩብ ዕለልተኛውን የጋራ አካባቢ እና የአካባቢውን ተስማሚነት በመጠቀም የጉልበት መጨመርን ያሳያል፡፡
By 2025, the entire Peregrine Falcon *anatum/tundrius* will continue to grow and its range will be maintained.
- 2025-ዓረፍት፣ ነፃነት ያለው የጉልበት መጨመርን ያሳያል፡፡
By 2025, known Peregrine Falcon *anatum/tundrius* nesting sites will continue to be occupied on a regular basis and the number of fledglings will be sufficient to ensure a self-sustaining population.
- የጉልበት መጨመርን ያሳያል፡፡
The increase in the population will be measured using the results of national surveys carried out every five years as well as the result of bird counts performed by raptor observatory networks in Canada and the United States.

[illegible]

- በበናኔባርድ ጋረፕ ኮንትራክት ወይም የኮንትራክት አስተዳደር ዘመናዊነት ሪፖርት 2014-፡
የጋረፕ ኮንትራክት ወይም የኮንትራክት አስተዳደር ዘመናዊነት ሪፖርት
The draft document was sent to the NWMB August 2014 for the first jurisdictional technical review.
- የአካባቢ ጥበቃ ቴክኒካል ማረጋገጫ ሪፖርት ወይም የአካባቢ ጥበቃ ቴክኒካል ማረጋገጫ ሪፖርት
የአካባቢ ጥበቃ ቴክኒካል ማረጋገጫ ሪፖርት ወይም የአካባቢ ጥበቃ ቴክኒካል ማረጋገጫ ሪፖርት
Environment Canada presented to the NWMB at their September 2014 meeting to share the proposed path for consultations on the recovery document and requested feedback from NWMB.
- ወደፊት ጋረፕ ኮንትራክት ወይም የኮንትራክት አስተዳደር ዘመናዊነት ሪፖርት 2014-፡
Community consultations were conducted from September to October 2014.
 - በበናኔባርድ ጋረፕ ኮንትራክት ወይም የኮንትራክት አስተዳደር ዘመናዊነት ሪፖርት:
በበናኔባርድ ጋረፕ ኮንትራክት ወይም የኮንትራክት አስተዳደር ዘመናዊነት ሪፖርት
የአካባቢ ጥበቃ ቴክኒካል ማረጋገጫ ሪፖርት ወይም የአካባቢ ጥበቃ ቴክኒካል ማረጋገጫ ሪፖርት
The packages included: letter, draft management plan, narrated PowerPoint presentation, and questionnaire/fax back form in both English and Inuktitut

$\Lambda \triangleright \rho_L \nabla \triangleright \epsilon^b \Delta^\epsilon / \text{h}^\epsilon \rho \cap C \triangleright \rho_L \sigma^\omega \text{r}^\epsilon \supset C \Delta^b d \omega^\omega \text{L}^\epsilon$

[illegible]

Environment Canada posted a proposed management plan on the Species at Risk Registry in May 2015 for the 60-day public comment period, which ended on July 28, 2015.

- [illegible]

A notification email for the comment period was sent to communities, wildlife management boards and governments on June 05, 2015.

- [illegible]

A reminder email was sent on July 15, 2015.

- [illegible]

Consultation Results

ዕብራይስጥ Community	ክልላዊ ልማት ቤት Organization	የመልስ መስመር Responses
እንጨትና እንጎረቤት ምዕራፍ Wildlife Boards		
ጉጉጅ RANKIN INLET	ጉጉጅ እንጨትና እንጎረቤት ምዕራፍ Kivalliq Wildlife Board	
ጸጠጃ KUGAARUK	ጸጠጃ ክልላዊ ልማት ቤት Kitikmeot Regional Wildlife Board	
አዳል IQALUIT	አዳል ክልላዊ ልማት ቤት Qikiqtaaluk Wildlife Board	
የሰውነትና የጥቅም አካላት ምዕራፍ Hunters and Trappers Organizations		
አርክቲክ ARCTIC BAY	አርክቲክ የሰውነትና የጥቅም አካላት ምዕራፍ Ikajutit Hunters and Trappers Organization	
አሪያት ARVIAT	አሪያት የሰውነትና የጥቅም አካላት ምዕራፍ Arviat Hunters and Trappers Organization	ለግንዛቤ ጥያቄዎች No concerns
ባኬር ባይክ ባይክ BAKER LAKE	ባኬር ባይክ የሰውነትና የጥቅም አካላት ምዕራፍ Baker Lake Hunters and Trappers Organization	
ቦጽኮር ባይክ BATHURST INLET	ቦጽኮር የሰውነትና የጥቅም አካላት ምዕራፍ Burnside Hunters and Trappers Association	
ካምብሪድጅ ባይክ CAMBRIDGE BAY	ካምብሪድጅ የሰውነትና የጥቅም አካላት ምዕራፍ Ekaluktutiak Hunters and Trappers Association	
ሶፐር ዶርሴት CAPE DORSET	ሶፐር ዶርሴት የሰውነትና የጥቅም አካላት ምዕራፍ Aiviq Hunters and Trappers Organization	
ሷርፊልድ CHESTERFIELD INLET	ሷርፊልድ የሰውነትና የጥቅም አካላት ምዕራፍ Aqiqig Hunters and Trappers Organization	በተጨማሪ መረጃ; ጋሞት ለመግቢያ ማግኘት Indifferent; need more information
ክሊድ ባይክ CLYDE RIVER	ክሊድ የሰውነትና የጥቅም አካላት ምዕራፍ Nangmoutaq Hunters and Trappers Organization	
ኮራል ሀብር CORAL HARBOUR	ኮራል የሰውነትና የጥቅም አካላት ምዕራፍ Aiviit Hunters and Trappers Organization	የጥቅም ስራዎች በጥንቃቄ ማግኘት Support the draft plan
ጋዎላ ሀብር GJOA HAVEN	ጋዎላ የሰውነትና የጥቅም አካላት ምዕራፍ Gjoa Haven Hunters and Trappers Association	
ሃል ባይክ HALL BEACH	ሃል የሰውነትና የጥቅም አካላት ምዕራፍ Hall Beach Hunters and Trappers Organization	
አይግሎኒክ IGLOOLIK	አይግሎኒክ የሰውነትና የጥቅም አካላት ምዕራፍ Igloolik Hunters and Trappers Organization	
አዳል IQALUIT	አዳል የሰውነትና የጥቅም አካላት ምዕራፍ Amaruk Hunters and Trappers Organization	የጥቅም ስራዎች በጥንቃቄ ማግኘት Support the draft plan
ማሙራ KIMMIRUT	ማሙራ የሰውነትና የጥቅም አካላት ምዕራፍ Mayukalik Hunters and Trappers Organization	
ኖጂኩግ KUGLUKTUK	ኖጂኩግ የሰውነትና የጥቅም አካላት ምዕራፍ Kugluktuk Hunters and Trappers Association	
ጸጠጃ KUGAARUK	ጸጠጃ የሰውነትና የጥቅም አካላት ምዕራፍ Kurairojuark Hunters and Trappers Association	
ፓንግኒር PANGNIRTUNG	ፓንግኒር የሰውነትና የጥቅም አካላት ምዕራፍ Pangnirtung Hunters and Trappers Organization	
ፖንድ ባይክ POND INLET	ፖንድ የሰውነትና የጥቅም አካላት ምዕራፍ Mittimatalik Hunters and Trappers Organization	
ጉጉጅ RANKIN INLET	ጉጉጅ የሰውነትና የጥቅም አካላት ምዕራፍ Aqqigiaq Hunters and Trappers Organization	
ሪፑልስ ባይክ REPULSE BAY	ሪፑልስ የሰውነትና የጥቅም አካላት ምዕራፍ Arviq Hunters and Trappers Organization	በተጨማሪ መረጃ; ጋሞት ለመግቢያ ማግኘት Indifferent; need more information
ሱኒኪላኒ SANIKILUAQ	ሱኒኪላኒ የሰውነትና የጥቅም አካላት ምዕራፍ Sanikiluaq Hunters and Trappers Organization	
ፔሎይክ TALOYOAK	ፔሎይክ የሰውነትና የጥቅም አካላት ምዕራፍ Spence Bay Hunters and Trappers Association	
ሆንግግ UMINGMAKTOK	ሆንግግ የሰውነትና የጥቅም አካላት ምዕራፍ Omingmaktok Hunters and Trappers Association	የጥቅም ስራዎች በጥንቃቄ ማግኘት No comments or concerns
ሳታክ ምዕራፍ WHALE COVE	ሳታክ የሰውነትና የጥቅም አካላት ምዕራፍ Issatik Hunters and Trappers Organization	

ᑲᑎᓚᓱᑦ ᐃᑲᓱᑦᐅᑎᑦᑲᑦᑕᓱᑦ

Request of the Board

- ᓄᓇᓂᓱᑦ ᐅᓚᑦᑕᓚᓱᑦᑦᑕᑦᐅᑦ ᐃᓱᓚᑲᓱᑦᑲᓱᐅᓂᑎᑦᑲᑦᑕᓱᑦ
ᑕᓱᑦᑲᑦᑕᐅᓂᑕᓱᓚᓱᑦ ᑕᓱᑦᑲᑦᑕᐅᓂᑕᓱᓚᓱᑦᑕᓱᑦ
ᓱᓱᑕᑦᑲᑦᑕᓚᑲᓱᐅᑕᓱᑦ ᑕᐅᑕ ᑦᑎᑦᑕᑎᑲᓱᓄᑦ ᑕᓱᓄᐅᑎᑦ
ᓱᓚᓚᑕᓱᑦᑕᓚᓱᑦᑕᓱᑦ ᑲᓄᑕᓱᓚᑕᓱᑦᑕᓱᑦ ᐅᓚᑦᑕ
ᑕᓱᓱᓱᑦᑕᓱᑦᑕᓱᑦᑕᓱᑦ ᓚᑕᓚᑕᓱᓚᑕᓱᑦᑕᓱᑦ
ᓄᓇᓂᓱᑦ ᓄᓇᑕᓂᓱᑦ ᑕᓱᑦᑕᓱᑦ, ᐃᓱᓱᑦ 5.2.34-ᑦᑕᓱᑦ.

That the NWMB considers whether or not they approve the final *Management Plan for the Peregrine Falcon in Canada* under the federal *Species at Risk Act* as per the NLCA s. 5.2.34.



Environment
Canada

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SUBMISSION TO THE NUNAVUT WILDLIFE MANAGEMENT BOARD

For

Information:

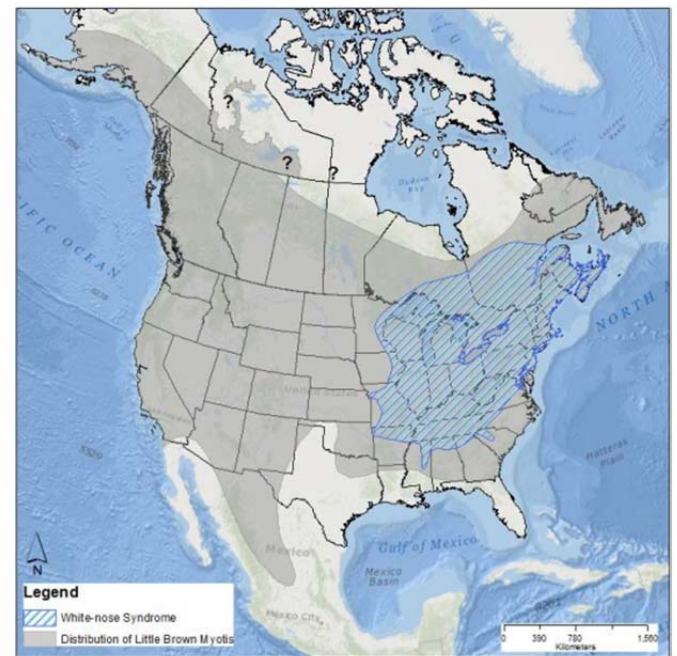
Decision: X

Issue: Little Brown Myotis (*Myotis lucifugus*) - Nunavut Wildlife Management Board engagement for species with unknown or extralimital ranges in Nunavut



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Little Brown Myotis – an Endangered bat species

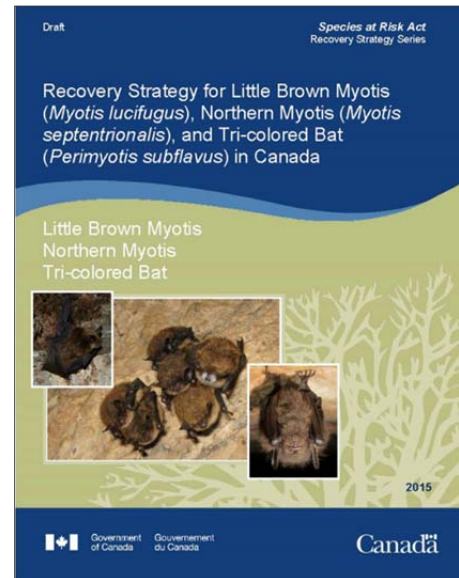


Range of Little Brown Myotis in Canada

Background:

- The Committee on the Status of Endangered Wildlife in Canada (COSEWIC) emergency assessed the Little Brown Myotis, Northern Myotis and Tri-coloured Bat as Endangered in February 2012, and confirmed their assessment in November 2013.
- The COSEWIC Assessment and Status Report does not include Nunavut in the occurrence/range for Little Brown Myotis but states that it “occurs in every province and territory, with occasional records in southwestern Nunavut”. The range map above uses ‘?’ to indicate Nunavut records that are probable but unconfirmed, or may be extralimital.
- In 2014, all three bats were emergency listed under the federal *Species at Risk Act* (SARA).

- As required under the federal *Species at Risk Act* (SARA), a recovery strategy must be developed for species listed as Endangered and Threatened. Environment Canada's Canadian Wildlife Service (CWS) developed a combined recovery strategy for all three species.
- CWS conducted the first jurisdictional review on the draft recovery document in May 2015. Community consultations were conducted in June-July 2015. The second jurisdictional review and support to post on the Species at Risk Public Registry was done between September – October 2015. The proposed recovery document will be posted on the Species at Risk Registry (www.sararegistry.gc.ca) for a 60-day public comment period in the coming months. Environment Canada will then have 30 days to consider the comments and post the final recovery document on the Species at Risk Registry.
- Given the best available information on the species in the COSEWIC Assessment and Status Report, CWS did not conduct consultations in Nunavut.



Request to the Board:

That the NWMB consider if there are concerns with the approach taken for Little Brown Myotis and if so, provide direction.

That the NWMB consider the Little Brown Myotis case and provide advice to CWS on how it would like to be engaged for future species that may have limited or unknown ranges in Nunavut.

Prepared by:

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 2015-November-06