

# Important Areas for **BIRDS IN NUNAVUT**

## Part 1 of 2

ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅՈՒՆ

# Akhuurutauyut Nayugangit **TINGMIAQNUT NUNAVUTMI** Aki 1



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## Important Areas for Birds in Nunavut, Part 1 of 2

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# IMPORTANT AREAS FOR BIRDS IN NUNAVUT

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# AKHURUTAUYUT NAYUGANGIT TINGMIAQNUT NUNAVUNMI



Photo: Garry Donaldson © Environment Canada

## **Compilation of:**

- Migratory Bird Sanctuaries (MBSs)
  - National Wildlife Areas (NWAs)
  - Key Terrestrial Habitat Sites
  - Key Marine Habitat Sites
  - Important Bird Areas (IBAs)
  - RAMSAR Wetlands
  - Newly identified important areas

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# Katitiqtauyuq hapkuninnga:

- Tingmianik Manningillu Pittailimalvik (MBSSs)
  - Kanatami Huratjaviqarvingit (NWAs)
  - Akhuuqtauyut Nunami Nayuqarvigiayayunik
  - Akhuuqtauyut Tariumi Nayuqarvigiayayunik
  - Atuqpiaqtut Tingmiaqaqviit (IBAs)
  - RAMSAR Imarilainnait
  - Nutaat Iilitariayayut Akhuurutauyayunik nayugayayut

## **Definitions of Words and Terms used in the Booklet**

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Some of the words and names used in this booklet may be unfamiliar to some readers. We have included brief definitions of some of them below. For additional information, please contact the **Canadian Wildlife Service in Yellowknife**, at 867-669-4709.

**Abundance** – Number of birds in an area.

**Breeding sites** – An area where birds find mates, build nests, lay eggs and raise chicks.

**Colony** – large group of birds of one or more species that choose to nest together.

### **Committee on the Status of Endangered Wildlife in Canada (COSEWIC)**

– A national committee of experts who are tasked with assessing the biological status of species and assigning each one to a category of risk based on the best available scientific, community and Aboriginal traditional knowledge. COSEWIC makes a recommendation on “risk level” to the federal government. All the species recommended by COSEWIC for designation as a species at risk are on the COSEWIC list.

**Diversity** – Number of bird species (types of birds) in an area.

**Endangered** – A species that is close to no longer existing in Canada or the world.

**Forage** – What a bird eats or where they look for food.

**Important Bird Area (IBA)** – Sites across the world that identify habitat that is important for birds to survive.

**Key Marine Habitat Sites** – Areas that are mainly marine (ocean) used by at least 1% of the population of a migratory bird species in Canada anytime during the year; selected by Environment Canada (Canadian Wildlife Service).

**Key Terrestrial Habitat Site** – Areas that are mainly land used by at least 1% of the population of a migratory bird species in Canada anytime during the year; selected by Environment Canada (Canadian Wildlife Service).

**Maternity denning area** – A place where female Polar Bears build dens and give birth.

**Migration** – Seasonal journey of birds from an area of the world to and from their breeding grounds in Nunavut.

**Migratory Bird Sanctuary (MBS)** – An area managed by Environment Canada (Canadian Wildlife Service) for the protection of migratory bird habitats and breeding sites.

**Monitoring** – Work of observing, recording and studying wildlife species.

**Moult** – Process whereby birds shed old feathers and grow new ones.

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**National Park** – An area managed by Parks Canada for the protection of natural areas that are representative of the different types of ecosystems found in Canada.

**National Wildlife Area (NWA)** – An area managed by Environment Canada (Canadian Wildlife Service) for the protection of the habitats of all species.

**Newly identified important bird area** – An area important for bird conservation in Nunavut that is not already protected.

**Oasis** – An area that provides better habitat than the surrounding area.

**Polynya** – An area of water that is surrounded by ice but open all year, even in winter.

**Population** – A group of birds of the same species (or subspecies) that live together.

**RAMSAR Wetland** – Wetlands of international importance to populations of birds.

**Seabird** – Marine birds (like murres, kittiwakes, gulls) that spend most of their time near the coast and over the oceans.

**Shorebird** – Birds (like sandpipers, plovers, phalaropes) that spend most of their time in or near wetlands.

**Species** – A group of birds that look and behave the same and can breed with each other.

**Species at risk** – Species that may become extinct. The population is not healthy enough to increase or maintain its numbers.

**Species at Risk Act (SARA)** – The federal Act in Canada that protects species on the List of Wildlife Species at Risk (Schedule 1) and their critical habitat.

**Staging area** – An area where birds group together to feed and prepare for migration to another area (north or south).

**Stopover site** – A place where migratory birds stop to rest, sleep and feed.

**Threatened** – A designation for a species that is likely to become endangered if nothing is done to change what is causing its population decline.

**Subspecies** – A population of a species that differs physically and genetically from the rest of the species.

**UNESCO World Heritage Site** – A place that is of cultural or natural importance to the world (as determined by the United Nations Educational, Scientific and Cultural Organization).

**Wetland** – Land that is mostly or wholly covered with water and inhabited by plants that are adapted to the wet conditions.

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**Δι - γαλακτοσεις οικογενειας**

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**CLDσ<sup>6</sup>** - ΔΓ{Δσ<sup>6</sup>} ΠΔΓΔ' ΔλΔσ<sup>6</sup>ΔΓΔΔ' (ΔσΔΔ'σ<sup>6</sup>) ΠΔΓΔ'

**ხალგრ** ბლერინი - მადაც ხუსტებული დილივრა დეილინგი ხალგრ  
(ხალგრ ბლერინის ბლერინი) ასე გასცემასთავის ბლერინი  
უკრაინის ხუსტებული დილივრა ცლადა ბლერინი.

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## Tukiliurutingit Tainiinnik Uqauhingitlu Atuqtauyut Makpiraaqmi

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Ilangit tainiit atingitlu atuqtauyut uumani makpiraami ilitarnain-niaqtuq ilanginnut taiguqtunut. Ilaliutiayavut naittunik tukiliurutinik ilanganut uuma ataanut. Naunairyuumirumaguvit, uqaqatigitjavat Kanatami Huratjaliqiitigut Munaqtiuyut Yalunaimi, uumani 867-669-4709.

**Aatlatqiininngit** – Qaffiuyut tingmiat atlatqiingit (qanurittut tingmiat) talvani.

**Akhuuqtauyut Nunami Nayuqarvigiayuunik** – Nayugauyut nunauyuq atuqtauyuq 1 pusantnganik tingmianit ukunani ingilrayut tingmiat atlatqiingyut Kanatami ukiuq tamaat; tikkuqaqtauyuq Avatiliriniqmut Kanatamit (Kanatami Huratjaliqiitigut Munaqtiuyut).

**Akhuuqtauyut Tarumi Nayuqarvigiayuunik** – Nayugauyut imaqmi ittut (taruiq) atuqtauyuq 1pusantnganik tingmianit ukunani ingilrayut tingmiat atlatqiingyut Kanatami ukiuq tamaat; tikkuqaqtauyuq Avatiliriniqmut Kanatamit (Kanatami Huratjaliqiitigut Munaqtiuyut).

**Akhuurutauyunik Tingmiaqqaqvii (IBA)** – Nayugangit tamainni nunaryuami ilitariyauyuq nayugauyut akhuurutauyuq tingmianut uumagiamikni.

**Amigaittuningga** – Qaffiuyut tingmiat talvani ittunik.

**Atlatqiinguyut Huratjat** – Amihuuyut huratjat atlatqiinguyut tautuknaqtunik pitquhinginnikluuniit atlanit huratjanit.

**Atlatqiinguyut tingmiat** – Amihuuyut tingmiat qupanuat aatjikutavyakhimayut pitquhiqarhutik aatjikutamiklu ivaqatigiikhutiklu.

**Hikuilruq** – Imailruq hikuqaqtuq angmaumayuq kihimi ukiuq tamaat, ukiumilu.

**Hinaanirmiuyuktut qupanuat** – Qupanuat (ukunatut higyariat, tutlik, higyariavyaktutlu) imailirainnarmiinginnaqtut hanianiliuuniit.

**Huratjat nungutpallialiqqtut** – Huratjat nungutpallialiqqtut. Amihuuningit aaniaqpallaarmata angikliyuumiutigiamikni pihimagiaminieluuniit qaffiutinginnik.

**Huratjat nungutpallialiqqtut Maligaq (SARA)** – Tamna kanatami Maligaq Kanatami nunguttailyuq huratjanik Titiraghimayumi Huratjat Nungutpallialiqqtut (Naunaitkutangani 1) akhuurutauyutlu nayugangit.

**Ihaliqtut** – Pitquhiq talvani tingmiat katagaqtait utuqqangit hulunngit nutaaniktauq naaplutik.

**Imalirainnait** – Nuna imainnauyuq tamaatluniit tatahimayuq imaqmik nayuqtauyuq nauttianit hunngiutihimayut kinipainnaqtumit.

**Ingilravingit Ivavimiknut** – Ivavikminut ingilraqhigaangat tingmiat humitliqaak nunaryuamit ivavimiknut ivavimiknit Nunavunmi.

**Ivavingit** – Nayugangit talvani tingmiat ivaqatikhamiknik, pikiutaliuqtut, manniliuqhatik nirlatjayutlu.

**Kanatami Huratjaviqarvingit (NWA)** – Huratjaviqarvik munariyauq Avatiliriyikkut Kanatamit (Kanatami Huratjaliqiitigut Munaqtiuyut) tammaqtailiplugit nunaguttailiplutik ahiruqtailiplugit nayugangit tamaita huratjat.

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**Kanatami Pulaarvingit** – Pulaarvik munariyauyuq Pulaarvik Kanatamit ahiruqtailininnanganut avatinganik naunaittuq atlatqijunguyunik avatingit takunnaqtuq Kanatami.

**Katimayiuyut Qanurittaakhaanganik nungutpallialiqtut Huratjat Kanatami (COSEWIC)** – Kanatami katimayiuyut ayuittiaqtunik havaaniktut ihivriuriamikni uumayut qanuriliurninnga huratjat tuniqhainiqlu tamarmik qanuriliurninnganut qanurittaanganik piyuq nakuutqiayumut piinarialik qauyihaeinngananut, nunannga Nunaqaqqaarhimayutlut qangaraaluknitanganik ilihimaniq. COSEWIC piliuqtuq pitquyauyukhamik uumunnga “nungutpallialiqtunik” kanatap kavamanganut. Tamaita huratjat pitquyauhimayut COSEWIC-mit tikkuqaatauhimayut huratjat nungutpallialiqtunik ittut COSEWIC titiraqhimaninngani.

**Katitiqhimayut** – Amigaittut tingmiat atahuhiuyumit amigaittunkluuniit atlatqiinguuyut tingmiat ivaqatigiiktut haniani atauttikkut.

**Katitirivingit** – Katitirivingit talvani tingmiat qupanuatlu katimayut natirnamirinriaqtut upalungaiyarhutiklu ingilragiamikni tingmivikminut (ukiuqtaqtumut utiliraangamikluuniit ausaimut).

**Munariniq** – Havaaq ihivriuqniiq, titiraqmungarniq naunaiyaiyuniku huratjanik atlatqiinguynik.

**Nannut Apittaarvingit** – Humi arnallak Nanuit apittaarvingit mimirraaplutik.

**Niqingit** – Humik tingmiat nirivaktut humutluuniit qinirhiavaktut niqikhamiknik.

**Nunagutpallialiqtut** – Huratjat nungutpallialiqtut Kanatami nunaryuaptikniluuniit.

**Nungutpallialiqtut** – Taininnga huratjanut nungutpallialiqtut hulingitkumik nunguttailigami huuqlu amihuuningit ikiklivallialiqtuq.

**Nutaaq ilitariyaaulihaaqhimayuq akhuerutauyuq tingmiaqarvinga** – tingmiaqarivik akhuerutauyuq tingmianut nunguttailivik Nunavunmi tatja nunguttailihimaittuq huli.

**Nutqarvigliyangit** – Nutqarviingit talvani ingilrayut qupanuat tingmiat nutqarvigliyangit unaguiqhighiamikni, hinigiamikni nirigiamikniluuniit.

**Pittailiviuyut** – Nayugaq tuniyuq nakuutqiayumik nayugakhamik talvanganit.

**RAMSAR Imalirainnait** – Imalirainnait tamainni nunaryuaptikni akhuerutauyuq amihuuninginnut tingmianut.

**Tariuqmiutat tingmiat** – Imarmiutat tingmiat (ukunatut pittiulaat, naunaryuit, nauyat) hinaaniinginnaqtut tariuqmilu.

**Tingmianik Manningillu Pittailimalvik (MBS)** – Nayugangit munariyauyuq munariyauyuq Avatiliriyiikkut Kanatamit (Kanatami Huratjaliqiitigut Munaqtuyut) nunguttailiplugit tingmiat manningillu pittailimalvingit ivavingitlu.

**Tingmiavaluut** – Tingmiat aatjikutariiqtunik (ilanganilu) atauttikkut nayugalgit.

**UNESCO Nunaryuap Ilitquhinginnik Nayuganga** – Nayugaq pitquhimitigut akhuerutauyuqluuniit nunaryuamut (ihumagiayauyuq ukunannga Hilaryuarmiunmi Ilihainikkut, Qauyihaennikkut Pitquhitigutlu Timiqutigiyauyuq).

IMPORTANT AREAS FOR BIRDS IN NUNAVUT  
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AKHUUURUTAUYUT NAYUGANGIT TINGMIAQNUUT NUNAVUNMI

**Kivalliq Region**

- 13. BOAS RIVER, SOUTHAMPTON ISLAND
- 14. CAPE PEMBROKE, COATS ISLAND
- 15. COATS ISLAND LOWLANDS
- 16. EAST BAY, SOUTHAMPTON ISLAND
- 17. McCONNELL RIVER
- 18. MIDDLE BACK RIVER
- 19. MIDDLE QUOICH RIVER
- 20. THELON RIVER
- 21. TURTON ISLAND

**Kitikmeot Region**

- 25. CAMBRIDGE BAY AREA, VICTORIA ISLAND
- 26. JENNY LIND ISLAND
- 27. LAMBERT CHANNEL
- 28. LOWER BACK RIVER
- 29. MELBOURNE ISLAND
- 30. QUEEN MAUD GULF
- 31. RASMUSSEN LOWLANDS
- 32. SOUTHWESTERN VICTORIA ISLAND

**Qikiqtaaluk Region**

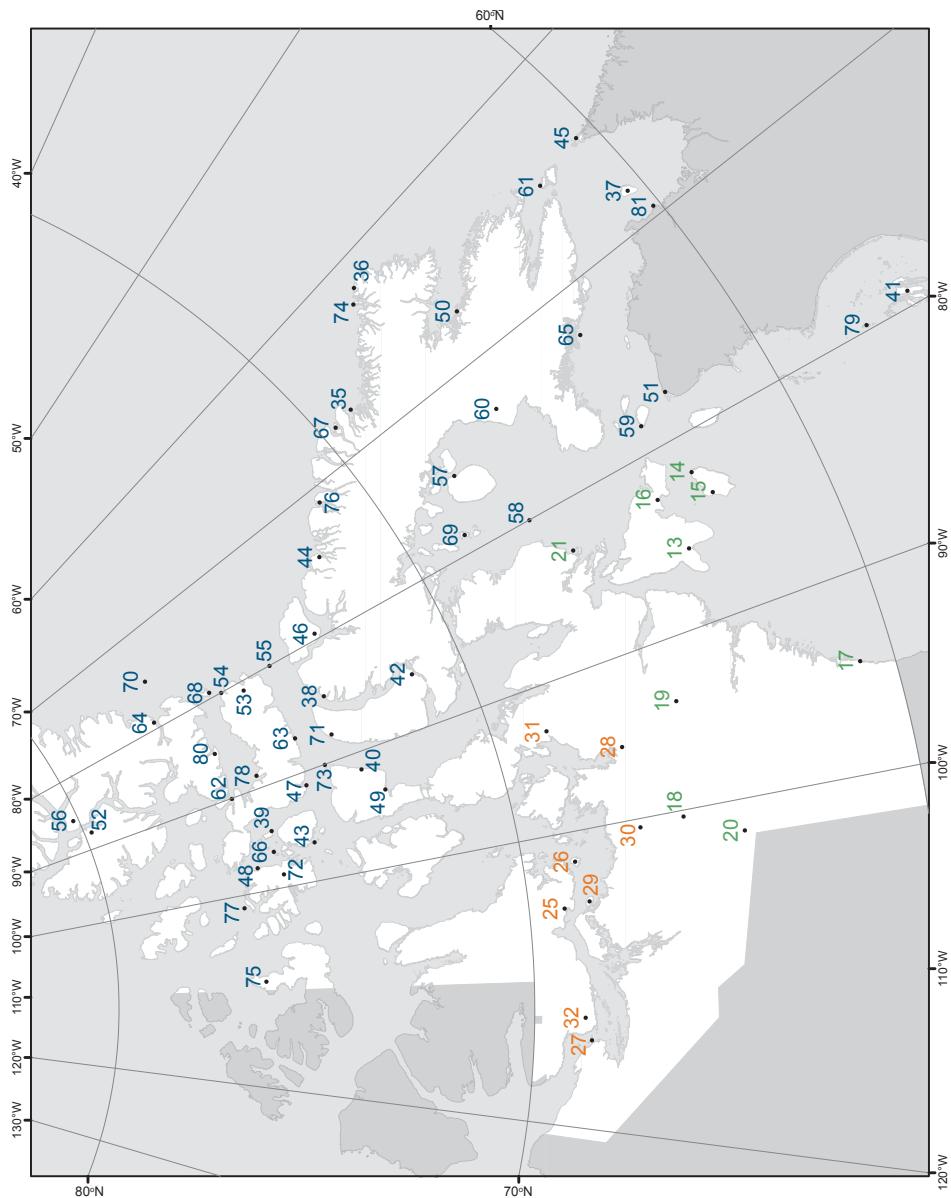
- 35. ABBAJALIK AND IJUTUK ISLANDS,  
BAFFIN ISLAND
- 36. AKPAIT (REID BAY), BAFFIN ISLAND
- 37. AKPATOK ISLAND
- 38. BAILLARGE BAY, BAFFIN ISLAND
- 39. BAILLIE-HAMILTON ISLAND
- 40. BATTY BAY, SOMERSET ISLAND
- 41. BELCHER ISLANDS
- 42. BERLINGUET INLET, BAFFIN ISLAND
- 43. BROWNE ISLAND
- 44. BUCHAN GULF, BAFFIN ISLAND
- 45. BUTTON ISLANDS
- 46. CAPE HAY AND CAPE GRAHAM MOORE,  
BYLOT ISLAND
- 47. CAPE LIDDON AND RADSTOCK BAY,  
DEVON ISLAND
- 48. CHEYNE ISLANDS

- 49. CRESWELL BAY, SOMERSET ISLAND
- 50. CUMBERLAND SOUND
- 51. DIGGES SOUND
- 52. EAST AXEL HEIBERG ISLAND
- 53. EASTERN DEVON ISLAND
- 54. EASTERN JONES SOUND
- 55. EASTERN LANCASTER SOUND
- 56. FOSHEIM PENINSULA, ELLESMORE ISLAND
- 57. FOXE BASIN ISLANDS
- 58. FOXE BASIN
- 59. FRASER ISLAND
- 60. GREAT PLAIN OF THE KOUKDJUAK,  
BAFFIN ISLAND
- 61. HANTZSCH ISLAND
- 62. HELL GATE AND CARDIGAN STRAIT
- 63. HOBHOUSE INLET, DEVON ISLAND
- 64. INGLEFIELD MOUNTAINS,  
ELLESMORE ISLAND
- 65. MARKHAM BAY, BAFFIN ISLAND
- 66. NASARUVAALIK (UNNAMED) ISLAND
- 67. NINGINGANIQ (ISABELLA BAY),  
BAFFIN ISLAND
- 68. NIRJUTIQAVIK (COBURG ISLAND)
- 69. NORTH SPICER ISLAND
- 70. NORTH WATER POLNYA
- 71. NORTHWESTERN BRODEUR PENINSULA,  
BAFFIN ISLAND
- 72. POLAR BEAR PASS, BATHURST ISLAND
- 73. PRINCE LEOPOLD ISLAND
- 74. QAQULLIUT (CAPE SEARLE),  
BAFFIN ISLAND
- 75. SABINE PENINSULA, MELVILLE ISLAND
- 76. SCOTT INLET, BAFFIN ISLAND
- 77. SEYMOUR ISLAND
- 78. SKRUIS POINT, DEVON ISLAND
- 79. SLEEPER ISLANDS
- 80. SYDKAP ICE FIELD, ELLESMORE ISLAND
- 81. UNGAVA BAY ARCHIPELAGO

The numbers on the map refer to the page number of the description for that Important Area.

မအော်လိမ့်ကြ ဖဲနှေ့ပါ ရောင်းရန် သင့်အတွက် လုပ်လျှင် မအောင်

Nampangit nunauyaqmi piyuq makpiraap nampanganut  
titiraghimaninnganut talvunnga Akhuurutayumut.





# Kivalliq Region

## ປອັນຕິບາດ



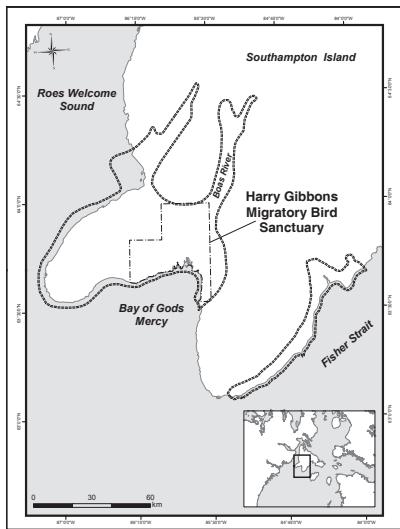
Photo: © Tom Johnson





# BOAS RIVER, SOUTHAMPTON ISLAND

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## *Snow Goose*

Photo: © Mikilaaq Centre

## What is important here?

- Large Lesser Snow Goose colonies
  - Atlantic Brant, Cackling Goose and Tundra Swan
  - Walrus, Beluga Whale, seals, and Polar Bear

## Why is it important?

- Migratory Bird Sanctuary
  - 10% of Canada's Lesser Snow Goose nest here
  - Nearby polynya frequented year-round by Bowhead Whale and Narwhal

## የዕድር ለዚህም ተስፋል?

- $\Delta^a \cap \Delta^b = \Delta^{a \wedge b}$
  - $\sigma^a \cap \sigma^b = \Delta^a$ ,  $\sigma^a \cup \sigma^b = \Delta^a \cup \Delta^b$
  - $\Delta^a \Delta^b = \sigma^a \sigma^b = \Delta^{a+b}$

רַבָּלְכִּים לְעֵדוֹת?

- ▷ עֲמָקָם כְּבָשָׂר וְלִבָּנָה
  - 10%-וְלִבָּנָה כְּבָשָׂר וְלִבָּנָה
  - 9% כְּבָשָׂר וְלִבָּנָה

## CAPE PEMBROKE, COATS ISLAND

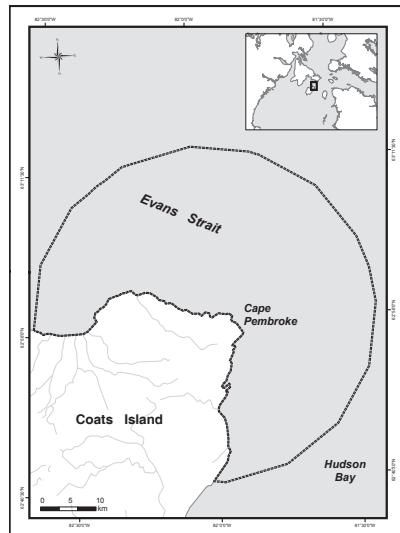
ᐊᓂጀጀ ᐱጀጀ, ᐃጀጀ

Photo: Garry Donaldson © Environment Canada



**Thick-billed Murre**

ᐃጀጀ



### What is important here?

- Large Thick-billed Murre colonies
- Walrus, Polar Bear, Bowhead and Beluga Whale

### Why is it important?

- 2% of Canada's Thick-billed Murre nest here
- Longest monitored seabird colony in Arctic Canada
- Important monitoring site for seabirds and gulls

### Special consideration

- Increased cruise ship tourism could have environmental impacts

### ᓄጀጀ ሌጀጀ ሚጀጀ ፊጀጀ?

- ᐃጀጀ ሌጀጀ ፊጀጀ
- ᐃጀጀ ሌጀጀ, ሌጀጀ የጀጀ ሌጀጀ

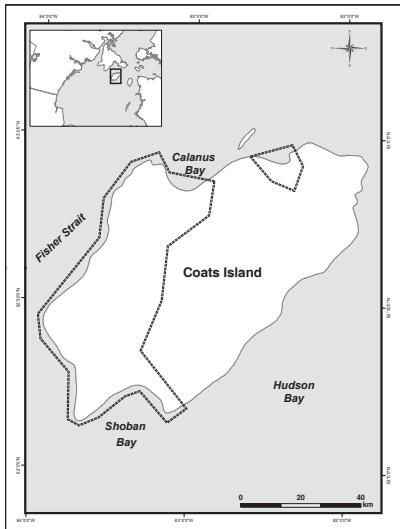
### ጀጀ ሌጀጀ ሚጀጀ?

- 2%-ጀጀ ንጀጀ ሌጀጀ ሚጀጀ ሌጀጀ ሚጀጀ
- ጀጀ ሌጀጀ ሌጀጀ የጀጀ ሌጀጀ ሌጀጀ ሌጀጀ
- ጀጀ ሌጀጀ ሌጀጀ የጀጀ ሌጀጀ ሌጀጀ ሌጀጀ
- ጀጀ ሌጀጀ ሌጀጀ የጀጀ ሌጀጀ ሌጀጀ ሌጀጀ

### ጀጀ ሌጀጀ ሌጀጀ ሌጀጀ ሌጀጀ

- ጀጀ ሌጀጀ ሌጀጀ ሌጀጀ ሌጀጀ
- ጀጀ ሌጀጀ ሌጀጀ ሌጀጀ ሌጀጀ
- ጀጀ ሌጀጀ ሌጀጀ ሌጀጀ ሌጀጀ
- ጀጀ ሌጀጀ ሌጀጀ ሌጀጀ ሌጀጀ

# COATS ISLAND LOWLANDS



### *Semipalmated Sandpiper*

Photo: Jennie Rausch © Environment Canada

## What is important here?

- Extensive wetlands
  - Very high densities of nesting shorebirds

## Why is it important?

- Highest abundance of nesting Semipalmated Sandpiper and Dunlin in the Eastern Arctic
  - Large wetlands that have not been destroyed by Snow Goose

## Special consideration

- If oil and gas exploration is resumed in this area, it may affect the island, its birds and other wildlife

የዕድል ለተለናዣያ ችሎት?

- የፖ.ሮ.ኅርድናኝነትናኩር ለኩር
  - የገንዘብናኝነትናኩር እባክዎችናኩር ለፖ.ሮ.ኅርድናኝነትናኩር

גָּלְעָד

## EAST BAY, SOUTHAMPTON ISLAND



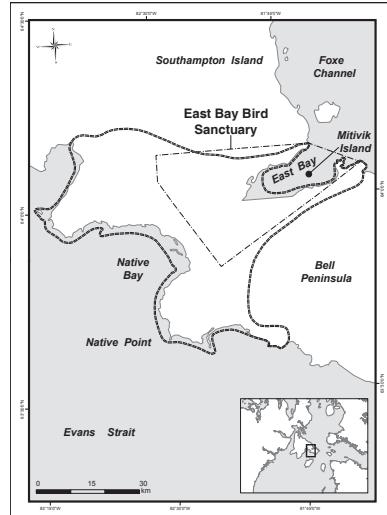
Photo: © Tom Johnson

## What is important here?

- 4500 pairs of nesting Common Eider
  - Large Snow Goose colony
  - Key shorebird breeding site
  - Walrus, Beluga Whale and Polar Bear

## Why is it important?

- Largest colony of Common Eider in Arctic Canada
  - Migratory Bird Sanctuary
  - Important monitoring site for gulls, shorebirds and eiders



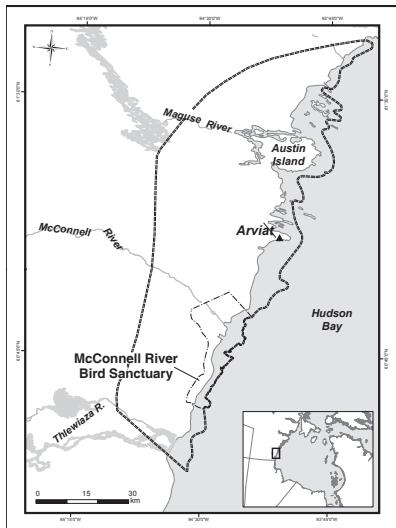
## ՀՅԱԿ ԱԿՈԲՅԵՔ ՀՅՈՒԹ?

- 4,500 ማርፊስና ለየሚሸፍ ጥንቃቄ
  - ፈቃድናው ከሆነዎች
  - ለማረጋገጫ ተያያዥ ለማረጋገጫ በጥቅምት ለሚፈልግ ለማረጋገጫ በጥቅምት
  - ፈቃድናው ከሆነዎች

ՀԱՅԿ ԱԴՐԵՆԱԴՐ?

- $\Delta \rightarrow \sigma \rightarrow \zeta \rightarrow \pi$   $\Delta \rightarrow \sigma \rightarrow \zeta \rightarrow \pi$
  - $\Delta \rightarrow \zeta \rightarrow \sigma \rightarrow \pi$   $\Delta \rightarrow \zeta \rightarrow \sigma \rightarrow \pi$
  - $\Delta \rightarrow \zeta \rightarrow \pi \rightarrow \sigma$   $\Delta \rightarrow \zeta \rightarrow \pi \rightarrow \sigma$
  - $\Delta \rightarrow \pi \rightarrow \sigma \rightarrow \zeta$   $\Delta \rightarrow \pi \rightarrow \sigma \rightarrow \zeta$

## McCONNELL RIVER ᐊᒻᒪ᳚᳚



**Snow Goose**  
**باجوك**

Photo: Canadian Wildlife Service © Environment Canada

### What is important here?

- Several species of geese nest in the area
- Caribou winter along the coast
- Seals, Beluga Whales, and Polar Bear

### Why is it important?

- Migratory Bird Sanctuary
- Wetland of International Importance (RAMSAR site)

### ᓇΔਾ ਅਨੁਭਾਵ ਕ੍ਰਿਤੀ?

- ਇਹ ਜ਼ਮੀਨ ਮੁੱਲੀਂ ਦੀਆਂ ਹਨਿਆਂ ਵਿੱਚ ਸ਼ਾਮਲ ਹੈ।
- ਇਹ ਜ਼ਮੀਨ ਮੁੱਲੀਂ ਦੀਆਂ ਹਨਿਆਂ ਵਿੱਚ ਸ਼ਾਮਲ ਹੈ।
- ਇਹ ਜ਼ਮੀਨ ਮੁੱਲੀਂ ਦੀਆਂ ਹਨਿਆਂ ਵਿੱਚ ਸ਼ਾਮਲ ਹੈ।

### ਕਾਨੂੰਨ ਅਨੁਭਾਵ?

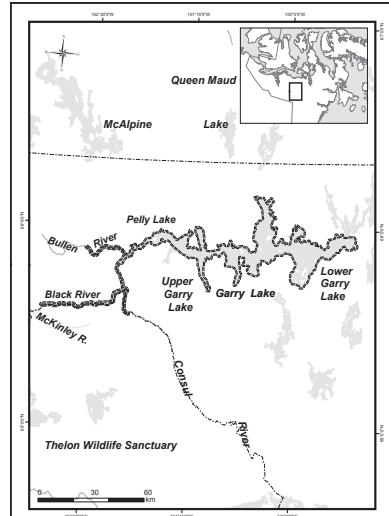
- ਇਹ ਜ਼ਮੀਨ ਮੁੱਲੀਂ ਦੀਆਂ ਹਨਿਆਂ ਵਿੱਚ ਸ਼ਾਮਲ ਹੈ।
- ਇਹ ਜ਼ਮੀਨ ਮੁੱਲੀਂ ਦੀਆਂ ਹਨਿਆਂ ਵਿੱਚ ਸ਼ਾਮਲ ਹੈ।
- ਇਹ ਜ਼ਮੀਨ ਮੁੱਲੀਂ ਦੀਆਂ ਹਨਿਆਂ ਵਿੱਚ ਸ਼ਾਮਲ ਹੈ।

## MIDDLE BACK RIVER ᓴጀጀ አጀጀ ስጀጀ ደጀጀ

Photo: © Tom Johnson



**Snow Goose**  
ᓴጀጀ



### What is important here?

- Many geese moult in the area
- Snow Goose nesting colonies
- Caribou calving grounds along southern boundary

### Why is it important?

- Borders the Thelon Wildlife Sanctuary
- Designated an Important Bird Area

### Special consideration

- Considerable diamond and mineral exploration activity occurring

### ᓴጀጀ ለጀጀ ምጀጀ?

- ᐃጀጀ ቤጀጀ ምጀጀ (ᐃጀጀ ቤጀጀ ምጀጀ) ምጀጀ
- ቤጀጀ ምጀጀ
- ᜱጀጀ ቤጀጀ ምጀጀ ምጀጀ

### ᜱጀጀ ምጀጀ?

- ᜱጀጀ ምጀጀ ምጀጀ
- ᜱጀጀ ምጀጀ ምጀጀ

### ᜱጀጀ ምጀጀ ምጀጀ

- ᜱጀጀ ምጀጀ ምጀጀ

## MIDDLE QUOICH RIVER

‘ປົ້າ ດ້ວຍ ຈີນ’

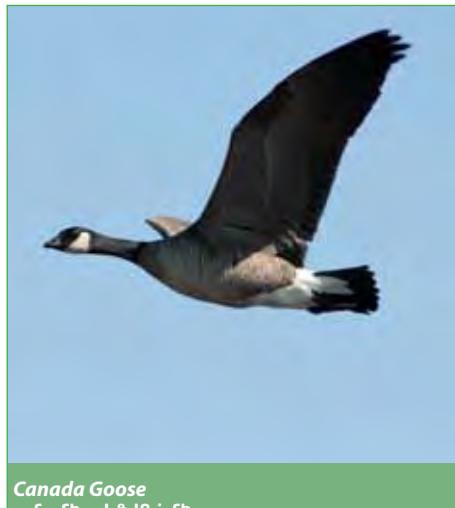
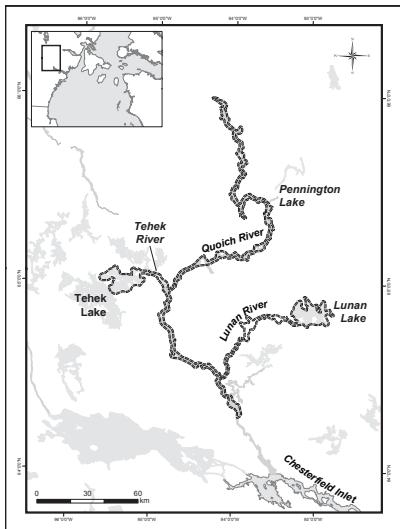


Photo: Charles Francis © Environment Canada

**What is important here?**

- Key area for thousands of moulting geese
- Frequented year-round by caribou

**Why is it important?**

- Geese are sensitive to disturbance during their moult because they cannot fly

**ຈຳເປັດ ແລ້ວ ດັບກຳ?**

- ດັບກຳ ເພື່ອ ອຳນັດ ທີ່ ດັບກຳ ເພື່ອ ດັບກຳ ຕົວ ດັບກຳ
- ດັບກຳ ເພື່ອ ດັບກຳ

**ຈຳເປັດ ແລ້ວ ດັບກຳ?**

- ດັບກຳ ເພື່ອ ດັບກຳ ເພື່ອ ດັບກຳ ເພື່ອ ດັບກຳ (ຫຼັງຈາກ ດັບກຳ ດັບກຳ ດັບກຳ ດັບກຳ)

## THE LON RIVER

ԵՐԵՎԱՆԻ

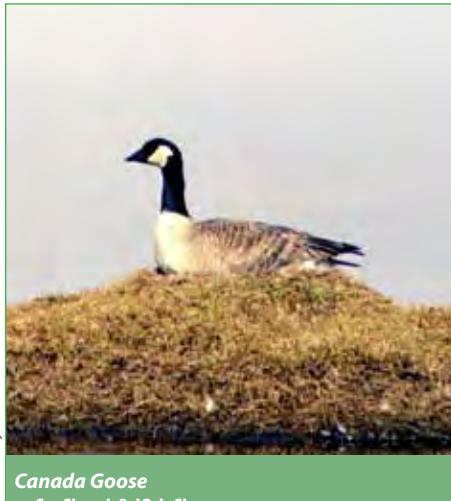


Photo: Vicky Johnston © Environment Canada

## What is important here?

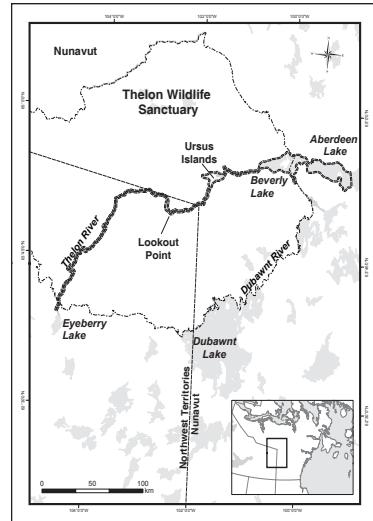
- Key area for thousands of moulting geese
  - Raptor (hawks and falcons) breeding sites
  - Caribou calving grounds along northern boundary

## Why is it important?

- Geese are sensitive to disturbance during their moult because they cannot fly

## Special consideration

- Proposed uranium mine site southeast of Aberdeen Lake



## የዕድር ለሆነዎች ተደረሰ?



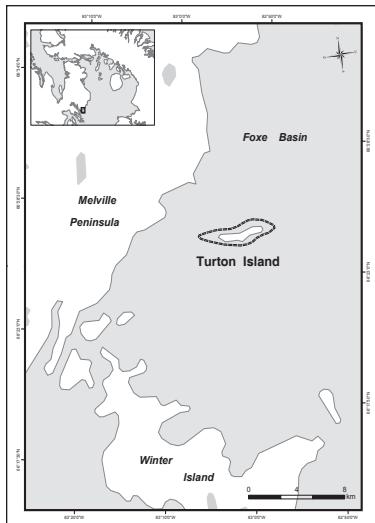
ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅՈՒՆ

- $b^6 \Delta^4$   $\Delta b^6 C^4 D^4 L^4 <^c >^c$   
 $\Delta L^4 U^4 <^c >^c$  ( $\Delta^4 C^4 D^4 L^4 U^4 <^c >^c$ )  
 $\Delta^4 L^4 M^4 S^4 <^c >^c$   
 $U^4 R^4 O^4 G^4 S^4 D^4 G^4 O^4$

- ԱՐԴՅՈՒՆԾՐՏԵԿՆԵՐՆԵՐ ՄՅՈՒՋԱԿՐԵՑ  
ՃԼԴԱԾՎԱԼԱԸ ԱԾԵԿՆԵՐՆԵՐ ՄՐԱԿԸ

## TURTON ISLAND

Δᖅᐸᐃᑲᓪ



**Common Eider**  
ᐊᒻᒪᑕᓱ᳚᳚ ጊᓂ᳚

Photo: © Anders Mosbech

## What is important here?

- Large colony of Common Eider
- Swans, geese, guillemots, gulls and terns

## Why is it important?

- One of the largest Common Eider colonies in the eastern Canadian Arctic

## ᓇ᳚᳚ ላ᳚᳚᳚ ፕ᳚᳚᳚?

- ᓄ᳚᳚᳚ ላ᳚᳚᳚ ፕ᳚᳚᳚ ጊ᳚᳚᳚
- ቅ᳚᳚᳚, እ᳚᳚᳚, ለ᳚᳚᳚, ዘ᳚᳚᳚, ዘ᳚᳚᳚  
ᓇ᳚᳚᳚ ላ᳚᳚᳚ ፕ᳚᳚᳚

## ᓇ᳚᳚ ላ᳚᳚᳚?

- ሁ᳚᳚᳚ ላ᳚᳚᳚ ፕ᳚᳚᳚ ጊ᳚᳚᳚  
አ᳚᳚᳚ ላ᳚᳚᳚ ፕ᳚᳚᳚ እ᳚᳚᳚  
ሁ᳚᳚᳚ ላ᳚᳚᳚ ፕ᳚᳚᳚



# Kitikmeot Region

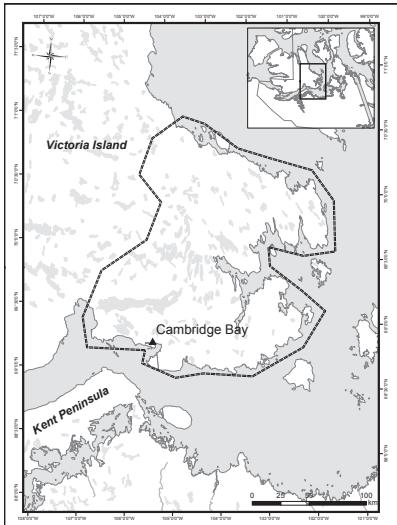
ӕƿӮӮӮӮ  
Kitikmeotmi



Photo: Jennie Rausch © Environment Canada







*Baird's Sandpiper*  
بَرِدْسُ سَانْدَبِيرَ، بَرِدْسُ هِيَقِيَاشِتَ  
*Baird-tip Higyaqiat*

Photo: © Jon Bart

## What is important here?

- Many species of shorebirds and songbirds
  - Good-quality wetland habitat

## Why is it important?

- Breeding site for Red Knot (assessed as a species at risk by COSEWIC) and the rare Buff-breasted Sandpiper

## Special consideration

- Increased mining activity in the surrounding area

ՀԱՅԱՍՏԱՆԻ  
ՀԱՆՐԱՊԵՏՈՒԹՅՈՒՆ

- ዓገሩር አልማኑናየፈኔርርር  
የነፃጻርድር በተፈሪ  
አንጻ ምቅረብ
  - ለፈጥ኏ው ለኋው  
በኋውያዥ ተከራክሯል

- ለምድርና ክናልና  
(ሻለና ደብዳቤ ንብረቱ)  
በሀለፊናናና ለጠዋጥ  
ናወልደች ተመዝግበ  
ፈርማው ንብረቱ  
ሻለና የወጪ ማስተካከል  
የሚሸፍ ስራውን ለሚያውቃል

שְׁמַע יִהְיָה

- የነፃ ማስቀመጥ ነው

# Huna akhuurutauyuq hamani?

- Amihut allatqit  
hinaanirmiutat higyariat  
qupanuatlu
  - Nakuuyut imalirainait  
navugtauvaktut

## Huuq akhuurutauva?

- Ivayut Havgaqpaluktut  
(Allatqit angutikhat  
nungutpallialiqtut  
COSEWIC-kut)  
tamnalu atlatqiittuq  
Qatigaquqtuyuq  
Higyarianuaq  
(takuttigittut)

## Ihumagilluaqtauyuq

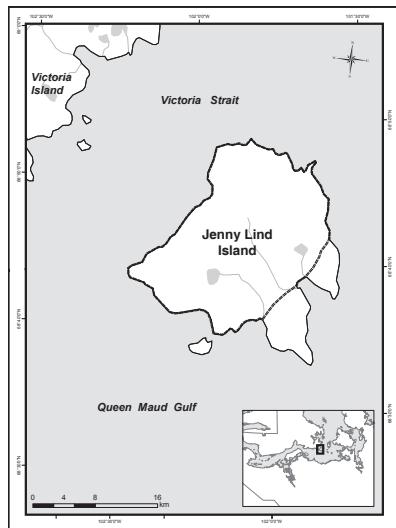
- Amigaiqpallialiqtuq  
uyarakhiuqnig talvani

# JENNY LIND ISLAND ᜒᜓ᜔᜚᜔᜚᜔ QIKIQTAQYUAQ



Photo: © Tom Johnson

*Snow Goose*  
þóJóó  
*Kanguq*



# What is important here?

- High abundance of breeding geese
  - Many breeding shorebirds

## Why is it important?

- Key area for moulting geese

## Special consideration

- Draft *West Kitikmeot Land Use Plan* recognizes the importance of the area for wildlife

ՀԱՅԱՍՏԱՆԻ  
ՀԱՆՐԱՊԵՏՈՒԹՅՈՒՆ

- $\Delta G^\circ_f \Delta G^\circ_c \Delta H^\circ_f$
  - $\Delta G^\circ_f \Delta G^\circ_c \Delta H^\circ_f$

ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅՈՒՆ

- ◈▷ርሱ ተሆኑ የሚከተሉት ዓይነቶች አልፎም ይረዳል

שְׁמַע־יִהְיָה  
בְּרִית־מָנָה

- $\Delta \subset \{x \in \mathbb{R}^n : x_i > 0, \forall i \in \{1, \dots, n\}, \sum_{i=1}^n x_i = 1\}$

## Huna akhuuruta uyuq hamani?

- Amihut ivayukhat kangut
  - Amihut ivayukhat hiqyariat qupanuat

## Huuq akhuurtauva?

- Akhuurutauyuq nunat kanguqnut ihatitlugit

## Ihumagilluaqtauyuq

- Iniqhimaittuq Uataani  
Kitikmeot Nunannga  
Aturninnga Havauhikhqaq  
ilitariyaat akhuruutautinga  
tahamna nuna huratjanut

# LAMBERT CHANNEL ՀԱՅԱ ՃՐԿԻՑ LAMBERT TAGIUNGA

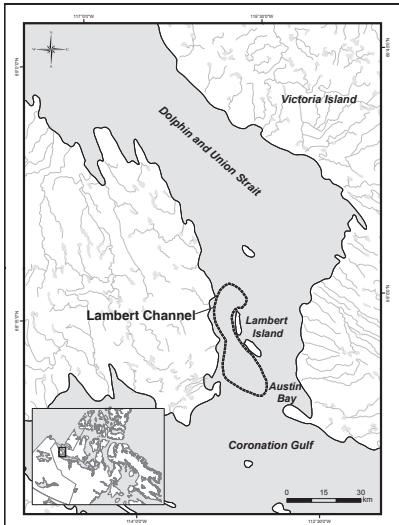


Photo: © Anders Mosbech

## What is important here?

- Large numbers of Common Eider
  - Polynya ecosystem
  - Ringed Seal and Bearded Seal habitat

## Why is it important?

- 60–70% of the Canadian population of Common Eider observed here
  - Polynyas are very important for migrating birds and winter survival of seals

## የኢትዮጵያ ስራውን አስተዳደር የሚከተሉ ቅጽ



۱۸۰۰>؟

- 60-Гц 70%-լց  
եռլունց գրևանդակից  
լինց շճեցրածոց  
ՀՀ/ԼՏ
  - ԷՇԵԵԾ-Ը ԷԵՐՎԱՆ  
ԱԿՆՆԴԶԸ ՋՔԾԵԾԸ  
ԷԱՇԵԼԱՐՄԸ ԾԱՐԱ-ԹԸ  
ԱՇՈՑ ԷԼ  
ՈԲԳԵԿՈՆՑՐԸ  
ԷՇԸ ՀՈՒՆՐԸ Ե  
ՈՒՐՃԸ

# Huna akhuurutauyuq hamani?

- Amigaittut Mitiit
  - Hikuilruq avataa
  - Nattiat Ugyuitlu nayuqangit

## Huuq akhuurutauva?

- 60-mit 70-mut pusantngā Kanatamī amihuuningit Mitīt qunngiaqtayut hamani amigaitnii Amauliit takuyauyut hamani
  - Hikuitruq akhuurtauuyuq ingilrayunut tingmiat ukiumilu nattiqainnariami

## LOWER BACK RIVER

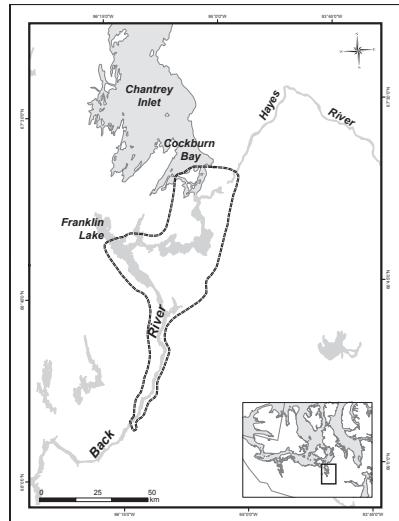
### ᐊ᜵ᜱ᜴᜻ ᑲ᜻᜴᜻ ᑲ᜻᜴᜻ ᑲ᜻᜴᜻

### ATPAGUT HANINGAYUQ KUUGAQ

Photo: Canadian Wildlife Service © Environment Canada



**Snow Goose**  
ບ᜻᜴᜻  
Kanguq



#### What is important here?

- Staging area for geese and swans
- Sandhill Crane, ducks, loons and shorebirds

#### Why is it important?

- Birds need staging areas during spring migration

#### Special consideration

- Considerable diamond and mineral exploration occurring

#### ᓇ᜵ᜱ᜴᜻ ሌ᜻᜴᜻ ᓂ᜻᜴᜻?

- ᐅ᜻ᜱ᜴᜻ በ᜻᜴᜻ የ᜻᜴᜻ ሌ᜻᜴᜻ ᓂ᜻᜴᜻
- ᐅ᜻ᜱ᜴᜻, ᒪ᜻᜴᜻, ᑭ᜻᜴᜻ ሌ᜻᜴᜻ ᓂ᜻᜴᜻

#### ጀ᜻᜴᜻ ሌ᜻᜴᜻ ᓂ᜻᜴᜻?

- ᐅ᜻ᜱ᜴᜻ በ᜻᜴᜻ ሌ᜻᜴᜻ ᓂ᜻᜴᜻
- ሌ᜻᜴᜻ ሌ᜻᜴᜻ በ᜻᜴᜻ ሌ᜻᜴᜻
- ሌ᜻᜴᜻ በ᜻᜴᜻ ሌ᜻᜴᜻

#### ᐃ᜻᜴᜻ ሌ᜻᜴᜻ ᓂ᜻᜴᜻

- ሌ᜻᜴᜻ በ᜻᜴᜻ ሌ᜻᜴᜻
- ሌ᜻᜴᜻ ሌ᜻᜴᜻ ሌ᜻᜴᜻
- ሌ᜻᜴᜻ ሌ᜻᜴᜻
- ሌ᜻᜴᜻ ሌ᜻᜴᜻

#### Huna akhurutauyuq hamani?

- Nutqangaviit nunat uluagulliit qukyuitlu
- Tatilgaq, mitiq, malirit, higyariatlu

#### Huuq akhurutauva?

- Tingmiat nutqavingiinnik ihariagiyut upinngakhami ingilraliraangamik

#### Ihumagillaqtauyuq

- Amigaittuq qiplagiktut uyarakhiuqvikhqaqlu qiniqhiayut

# MELBOURNE ISLAND Γ▷‘>▷¤ ‘pp¤bC¤b QIKIQTaqyuAQ

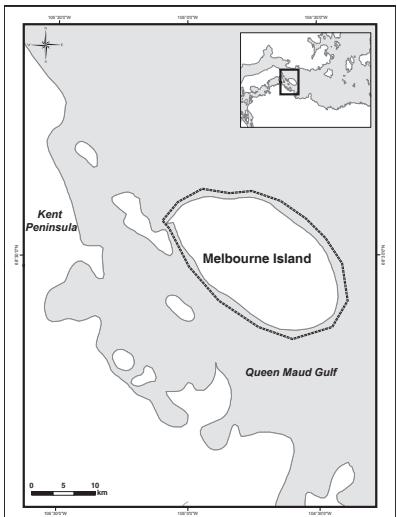


Photo: Gerry Beyersbergen © Environment Canada

## What is important here?

- Lots of wetland habitat
  - High densities of breeding shorebirds and geese
  - Interesting mix of high-Arctic and low-Arctic birds

## Why is it important?

- Most shorebird species nesting here have declining populations

## Special consideration

- Potential effects of increased ship traffic on the island and impact on its breeding birds

ՀՅԱՆ ԱԿՈՇ  
ՀՅԱՆ?

- **◀Γ/◀Δc** **◀L/◀Δc**  
**◀R◀L◀Δc**
  - **◀Γc** **◀B◀L◀Δc◀S◀Rc**  
**◀P◀C◀R◀L◀Γ◀CΔc** **◀L◀Γ◀Δc**  
**◀L **◀JΔc****
  - **CdR/G◀Bc** **◀B◀C◀**  
**◀P◀G◀R □P◀B◀C◀B◀R◀C**  
**◀L **◀L◀C◀G****  
**□P◀B◀C◀R □P◀C** **◀L◀Γ◀C**

۱۰۰٪ آنلاین

- **CLΔCԵԿԵՐԸ** ՀԵՂԴՎԱԾԸ  
ՈՒՂԴԸ ԷՂԴՐԱԿԱՐԱՎԸ  
ԱՐԴՅՈՒՆ ԾԵՐԼԾ  
ԱՐԴՅՈՒՆ ԾԵՐԼԾ

שְׁלָמָה  
בֶּן־בָּנָי־בָּנָי

- $\Delta \Gamma \subset \sigma^b \prec \subset^b \Gamma \Delta$   
 $\triangleright \Delta \prec \Gamma \Delta \quad \Delta^b \Delta^b \prec \subset^b \subset^b;$   
 $\Delta^b \Delta^b \quad \Delta \subset^b \subset^b \sigma^b \sigma^b \sigma^b \prec \subset^b$   
 $\Delta^b \Delta^b \subset^b \Delta^b \quad \Delta^b$   
 $\wedge \Delta \subset^b \sigma^b \quad \Delta \Gamma \prec \sigma^b \sigma^b,$   
 $\Delta^b \subset^b \Delta \succ \Gamma \Delta^b \Delta^b \prec \Delta^b \Gamma \Delta^b$   
 $\Delta \subset^b \Delta \prec \sigma^b \sigma^b \sigma^b \prec \Delta \Gamma \Delta^b$

# Huna akhuurutauyuq hamani?

- Mihaluqaqpiaqtuq  
nayuqtauvaktuq
  - Amihut ivaviuyut  
qupanutyat kangutlu
  - Takuminaqtut allatqit  
qatikniani ukiuqtaqtuq  
atpanianilu ukiuqtaqtuq  
tingmiat

## Huuq akhuurutauya?

- Amihuniahat qupanuat allatqit uplulgit hamani ikiklivaliayut amiqaitnii

# Ihumagilluaqtauyuq

- Amigaiqpalayut umiaqpait aulayut: qanuq aktuaniaqat qikiqtamut ivayunlu tinamiagnut

# QUEEN MAUD GULF

◀ΗΔ◀ፌ

AHIAK



Photo: Charles Francis © Environment Canada

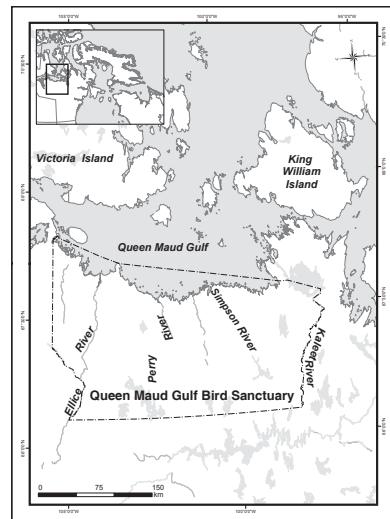
## **King Eider**

## What is important here?

- Summer habitat for many geese, ducks, King Eider, loons and Sandhill Crane
  - Largest wetlands in the mid-Arctic: critical for thousands of shorebirds and songbirds
  - Ahiak caribou calving grounds
  - Muskox, Wolf, and Grizzly Bear

## Why is it important?

- Migratory Bird Sanctuary
  - Wetland of International Importance (RAMSAR site)



## የኢትዮጵያ ሌሎች አገልግሎት



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 $\Delta P_2^{\text{ex}} > C_{\text{ex}}^{\text{m}}$
  - $L_1^{\text{ex}} < C_{\text{ex}}^{\text{m}}$   
 $\Delta L_1 > C_{\text{ex}}^{\text{m}}$   
 $(P_1^{\text{ex}} > P_1^{\text{m}})$   
 $L_2^{\text{ex}} > C_{\text{ex}}^{\text{m}}$   
 $\Delta L_2 > C_{\text{ex}}^{\text{m}}$   
 $(P_2^{\text{ex}} > P_2^{\text{m}})$

# Huna akhuuruta uyuq hamani?

- Auyami nayurviyuq amihunut uluagullit, mitqit, Qิงالىك, malikit Tatilgatlu
  - Angitqiayuq imalirainnaq qitiqpani-Ukiuqtaqtuq:  
ihariagiayuq amigaitpiqaqtunut hinaaniqmiutanut tingmiat qupanuaqnutlu
  - Ahiak tuktut nurranirvingat
  - Umingmait, amaqut, Akhat

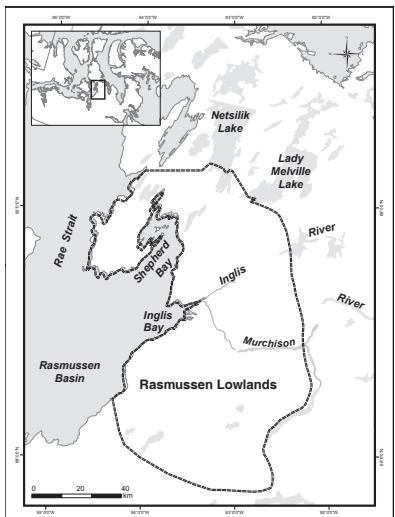
## Huuq akhuurtauva?

- Tingmianik Manningillu Pittailimalvik
  - Imalirainnaq Nunaryumi Akhruurutayuq (RAMSAR-mi nuna)

# RASMUSSEN LOWLANDS

## የኢትዮጵያ የወጪና ማቅረብ

# RASMUSSEN NAQHAI



*American Golden-Plover*  
አሜሪካን ቀይና, አምሪካን ቀይና  
*Amialikan Hiyaqqaigauta*

Photo: Jennie Rausch © Environment Canada

## What is important here?

- High diversity and high density of shorebirds
  - Large numbers of Tundra Swan and White-fronted Goose

## Why is it important?

- More Tundra Swan and plovers than anywhere else in the Kitikmeot
  - Wetland of International Importance (RAMSAR site)
  - Shorebird monitoring site

## Special consideration

- Active prospecting permits and diamond exploration activity in northern and eastern parts of the lowlands

ಡಾ. ಆ. ಕೃಷ್ಣ

- CLናናር ልጋል ልጥረናናር  
የነገራርናር
  - ልጥረናናር ንብረናናር ልጋል  
ምናር

ՀԱՅԿ ԱՆԴՐՈ▷Ք?



שְׁלֹמֹה בֶּן־גַּיְורָה  
וְאַבְרָהָם אֶחָד

- $\forall \sigma \in S \exists \tau \in S$   
 $\forall \alpha \in \Delta \forall \beta \in \Delta$   
 $\Delta \vdash \sigma \rightarrow (\alpha \vee \beta) \vdash \sigma \rightarrow \alpha$   
 $\Delta \vdash \sigma \rightarrow (\alpha \vee \beta) \vdash \sigma \rightarrow \beta$   
 $\Delta \vdash \sigma \rightarrow (\alpha \vee \beta) \vdash \sigma \rightarrow \alpha \wedge \beta$

## Huna akhuurtauuyuq hamani?

- Alatqikpiaqtut  
inikhairutiqpiaqhimayutlu  
hinaaniqmiutat tingmiat
  - Amigaittuq Natiqnamiuq  
Qukyuit tapkuatlu  
Qakuqtalgit hatqangit  
ulluaqulliit

## Huuq akhuurtauva?

- Amigaitqiayuq  
Natiqnami Qukyuit  
higyariatlu ahiningit  
Kitikmeotni
  - Imalirainnait Nunaryuami  
Akhuurutauyut  
(RAMSAR-mi nuna)
  - Hinaanirmiutat tingmiat  
munarivauvia

## Ihumaqilluaqtauyug

- Atuqtuq uyarakhiuqik laisinik qiplariktuniklu qinirhiayut tununngani kiyataanilu nunanganit

# SOUTHWESTERN VICTORIA ISLAND σರਾਚ ਅੰਤਰੀਮ ਪੇਸ਼ੇ KANGIATA UATAANI KIILINIQ QIKIQTAAQ

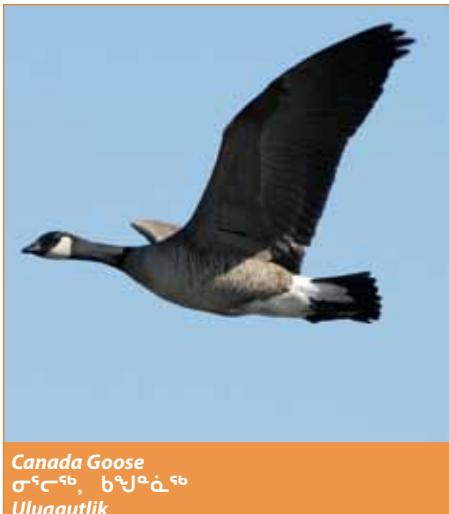


Photo: Charles Francis © Environment Canada

*Canada Goose*  
σְנָסֶה, בְּגָדָה  
*Uluqaatlik*

## What is important here?

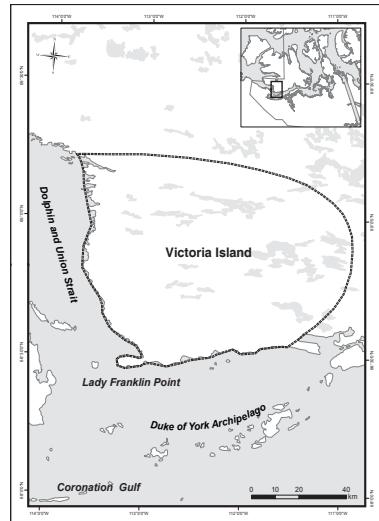
- High densities of breeding pairs of Canada Goose
  - Many swans, gulls and terns
  - Several species of shorebirds nest in the area

## Why is it important?

- 8% of Canada's Canada Goose nest here

## Special consideration

- Considerable prospecting and mining exploration in recent years



ՀԱՅԱՍՏԱՆԻ  
ՀԱՆՐԱՊԵՏՈՒԹՅՈՒՆ

- $\Delta G^{\circ} = \sum \Delta_{\text{rxn}}^{\circ} - \sum \Delta_{\text{prod}}^{\circ}$
  - $\Delta G^{\circ} = \Delta H^{\circ} - T\Delta S^{\circ}$
  - $\Delta G^{\circ} = \Delta H^{\circ} - T(\Delta S^{\circ} - \Delta S^{\circ}_{\text{rxn}})$

ՀԱՅԿԱՆ ԱՆԴՐՆԵՐԸ?

- 8%-ַרְכּ bָּאָכְדָּרְסּ  
σְּרִכּ-ַרְכּ  
Λְפָדָרְבָּיְלְגָגּוּסּ ְצְבָּעְלְסּ

שְׁלָמָה  
בֶּן־בְּנֵי־עֲמָקָם

- ይከብረኝ  
ሻነና ሚስናኝኩር ስርጠር  
ይተለ ሻነና ሚስናኝኩር  
ኩሮኑ ሰራተኞች  
፤ እና፤ ቤተር መኖር፤ ሆኖ ፕሮ

# Huna akhuurutauyuq hamani?

- Inikhairutihimayut nuliuuyt Ulluagulliit
  - Amihut qukyuit, nauyat imitqatalaitlu
  - Qaffiuyt atlatqijit hinaanirmiutat uplulgit talvani

## Huuq akhuurutauva?

- 8 pusantnguyuq  
Kanataup Ulluagulliit  
uplulgit hamani

# Ihumagilluaqtauyuq

- Amigaittut qinirhiayut  
uyarakhiuqtutlu  
nutaami ukiumi