



NWMB Bluenose-East Caribou Hearing

March 2 & 3, 2020, Kugluktuk



GNWT Environment and Natural Resources Presentation

GNWT Environment and Natural Resources

Bluenose-East Caribou Presentation Outline

1. Bluenose-East Caribou Herd Status
2. Management Context
3. Recent Harvest & Management in NWT
4. Recommended Harvest in Nunavut



Photo J. Adamczewski, ENR



Barren-Ground Caribou Herds in NWT:

9 Herds

4 Land Claim Areas

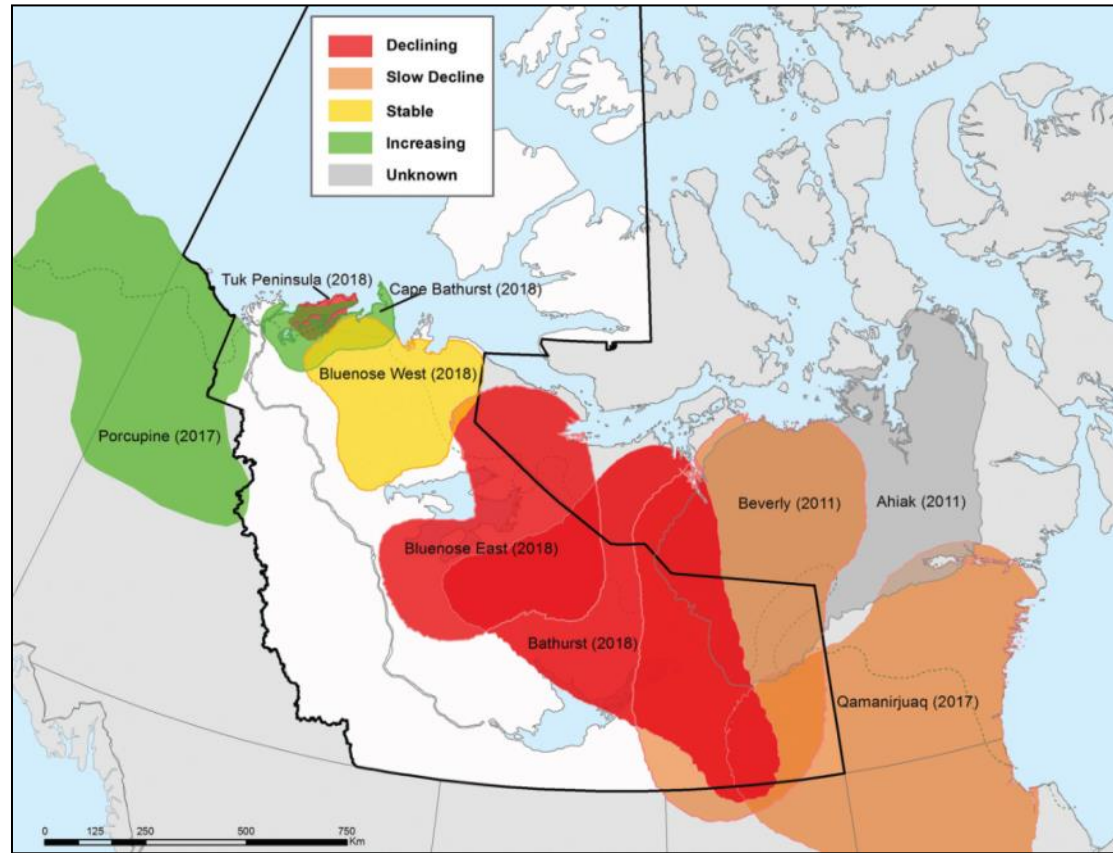
Map B, Fournier, ENR



Government of
Northwest Territories

Barren-Ground Caribou Herds in NWT: Trend in 2018

Map B, Fournier, ENR



Government of
Northwest Territories

Barren-ground Caribou

Species at Risk

Processes

COSEWIC = Committee on the Status of
Endangered Wildlife in Canada

SARA = Species at Risk Act (federal)

SARC = Species at Risk Committee (NWT)

CMA = Conference of Management
Authorities (NWT)

- **Canada**
COSEWIC (2016): Threatened
SARA (pending)
- **NWT**
SARC (2017): Threatened
CMA (2018): Threatened



(Draft) Recovery Strategy for Barren-Ground Caribou Herds in NWT 2020

Overall Approach for All Herds

RECOVERY STRATEGY FOR BARREN-GROUND CARIBOU [DRAFT]

In the Northwest Territories



SPECIES AT RISK (NWT) ACT

Management Plan and Recovery Strategy Series 2019

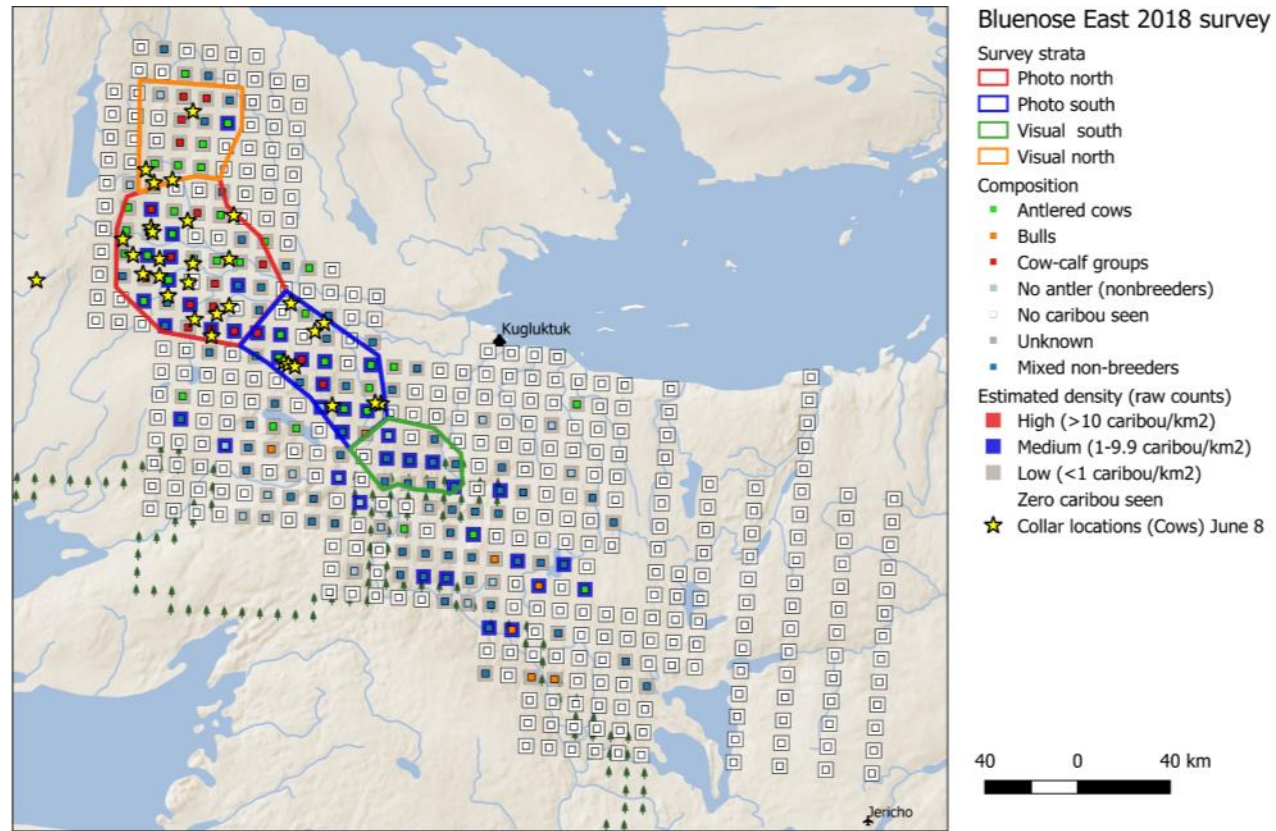
Bluenose-East Caribou Range & Calving Grounds in NU & NWT



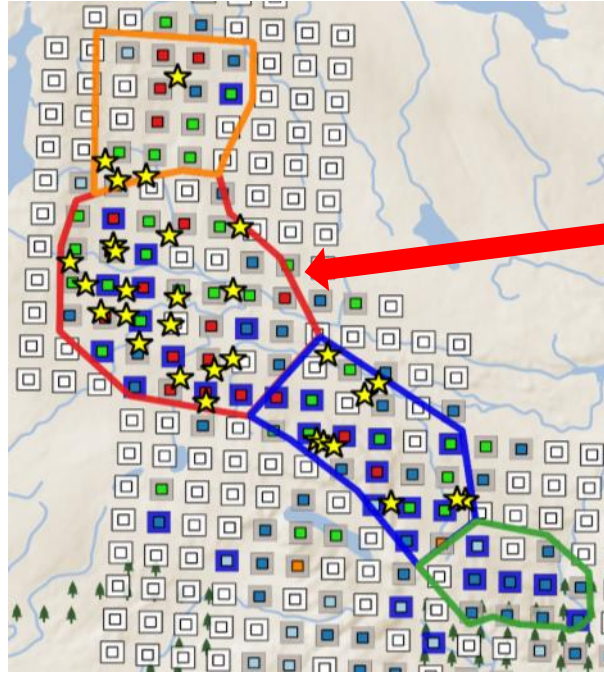
Photo J. Adamczewski, ENR



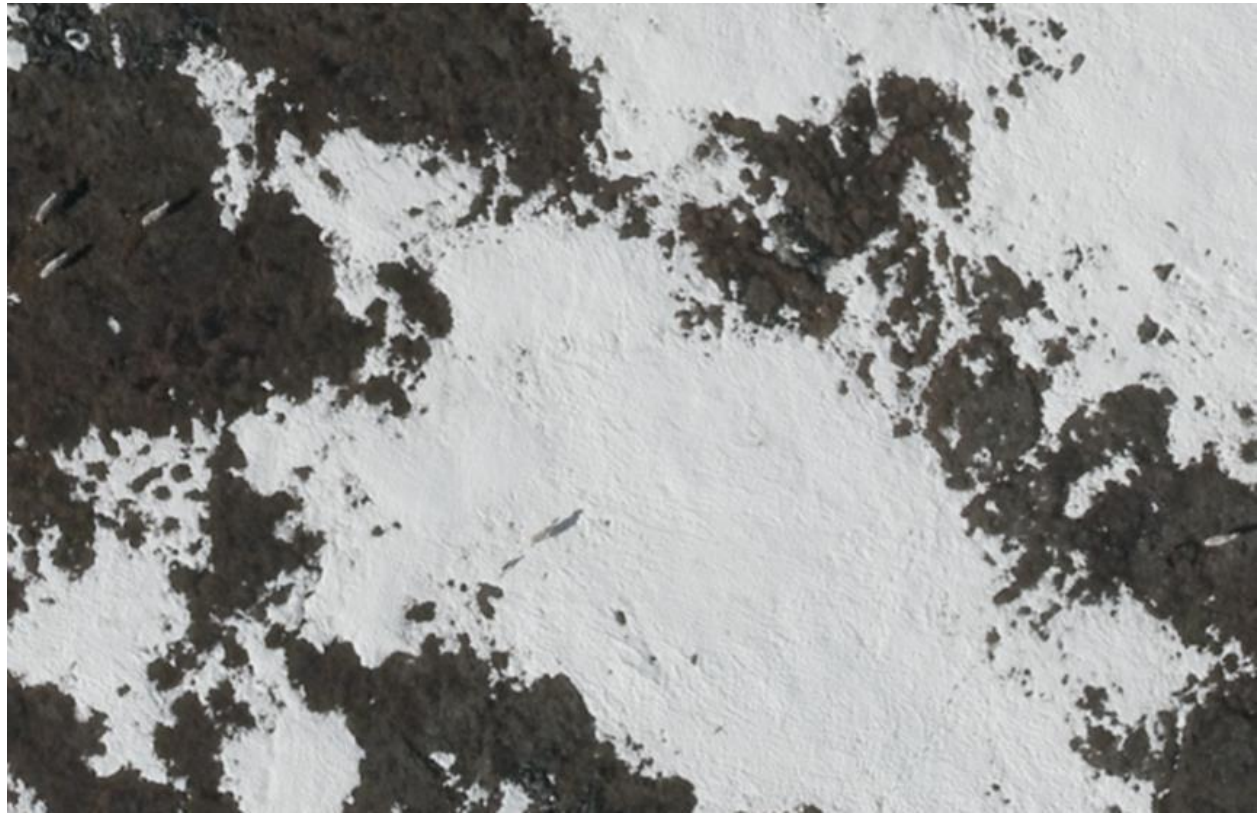
Bluenose-East Calving Ground Survey Area June 2018



Bluenose-East Calving Ground Survey 2018: Composite Aerial Photos



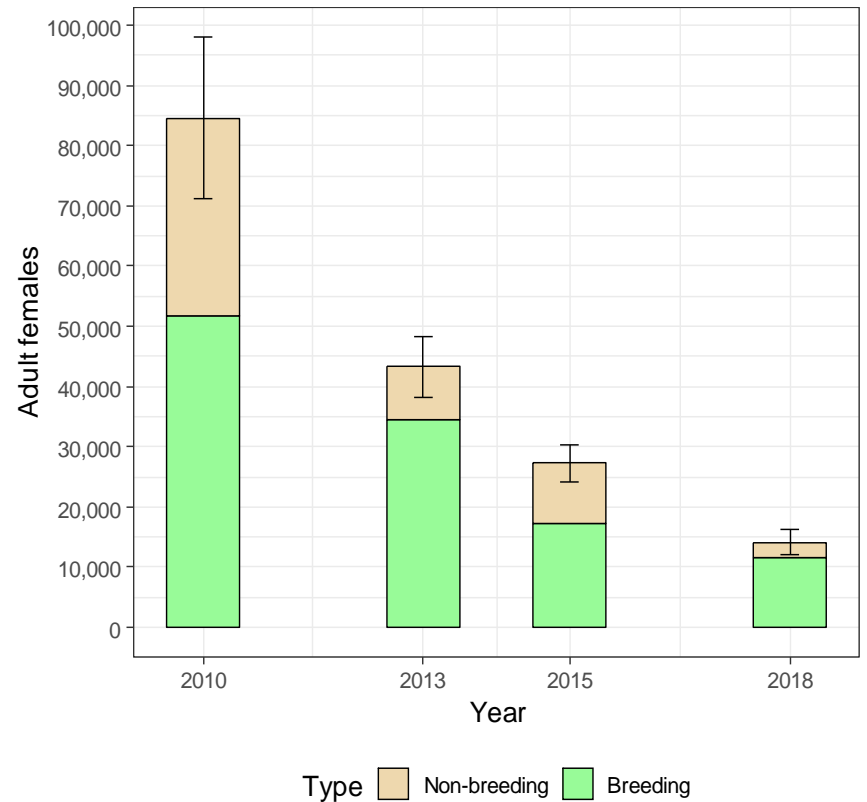
Bluenose-East Calving Ground Survey 2018: Example Aerial Photo



Bluenose-East Estimated Numbers of Females 2010-2018



Photo J. Adamczewski, ENR



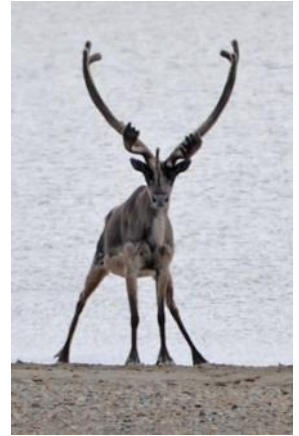
Caribou Herd Estimate: Cows & Bulls

- Calving Ground Survey: Number of Cows

Bulls not on Calving Ground

- Fall Survey (October): Cow:Bull Ratio

Add Bulls to Cows: Herd Estimate



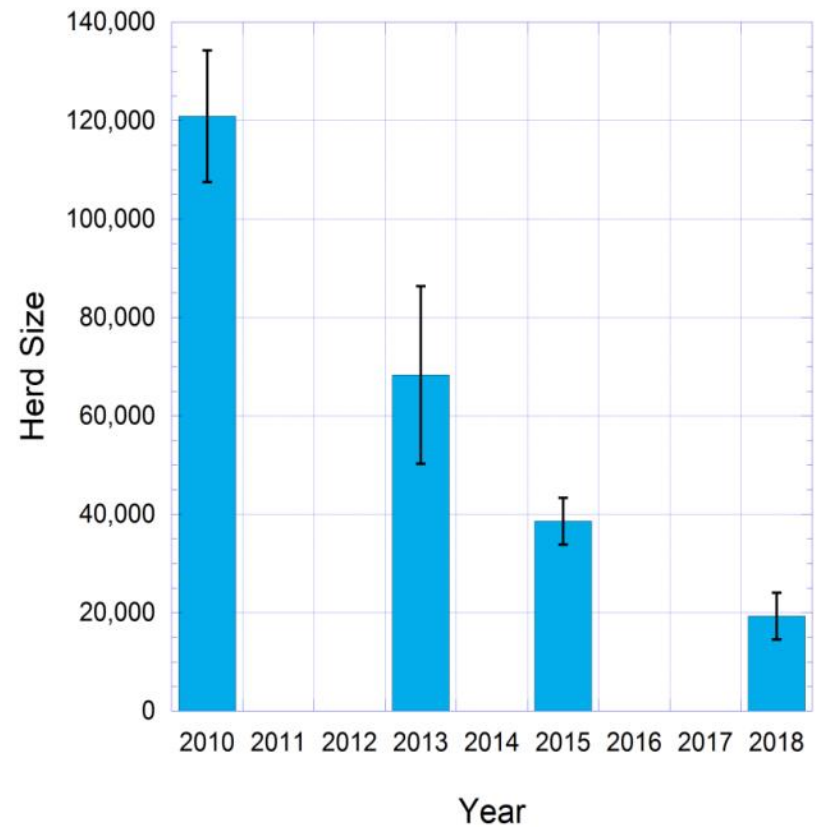
Photos J. Adamczewski, ENR



Bluenose-East Estimated Herd Size 2010-2018



Photo J. Adamczewski, ENR



Bluenose-East Herd:

Vital Rates 2015-2018

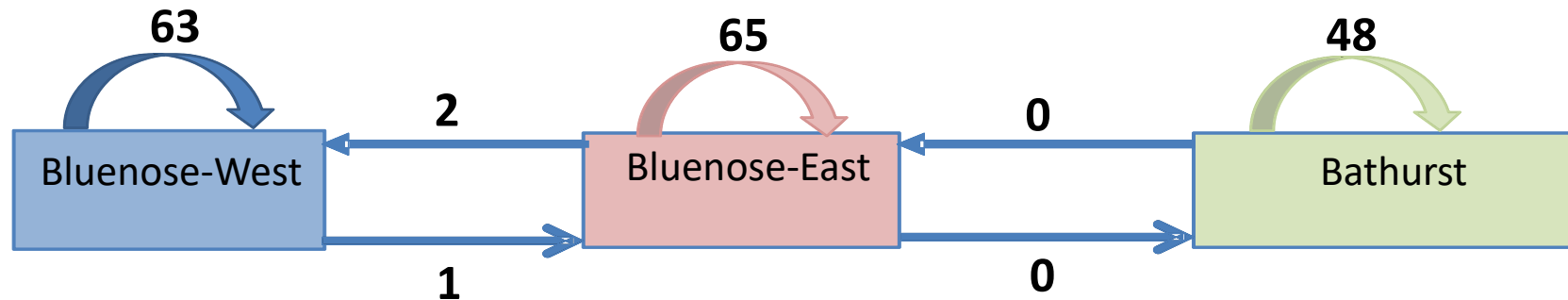


1. Cow Survival: 84-90% for stable herd
Estimated 71-79% 2015-2018
2. Calf Survival: 30-50:100 for stable herd
Averaged 30:100 2014-2018
3. Pregnancy: At least 80% in healthy herds
Estimated 64% 2015, 83% 2018, 87.5% 2019



Bluenose-East Caribou Have Not Moved Away

Collared Cows 2015-2018



179 Consecutive Pairs of June Locations:
176 Returns to Same Calving Ground
3 Switches

98.3% Loyalty to Calving Grounds



Bluenose-East Caribou Management Context

Government of
Northwest
Territories
(GNWT)
Tłıcho
Government (TG)
WRRB
SRRB



Government of
Nunavut (GN)
NWMB

WRRB = Wek'èezhì Renewable
Resources Board
SRRB = Sahtú Renewable
Resources Board
NWMB = Nunavut Wildlife
Management Board



Government of
Northwest Territories

Bluenose-East Caribou Management Plans

Overall Management Plan (Boards)



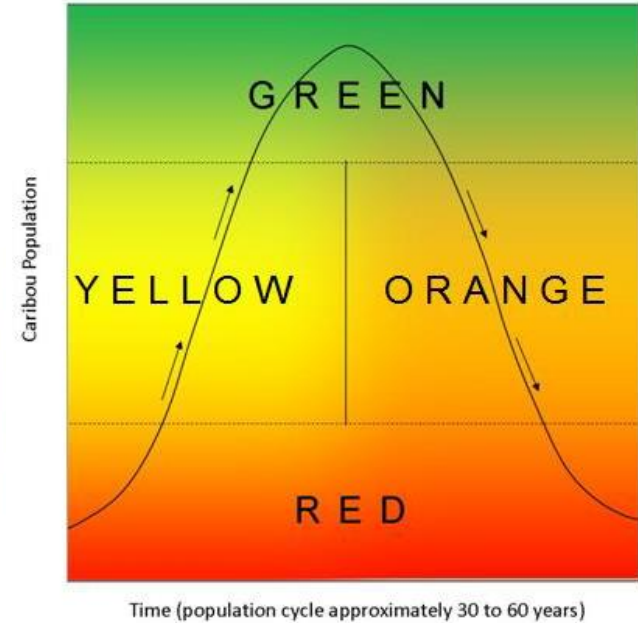
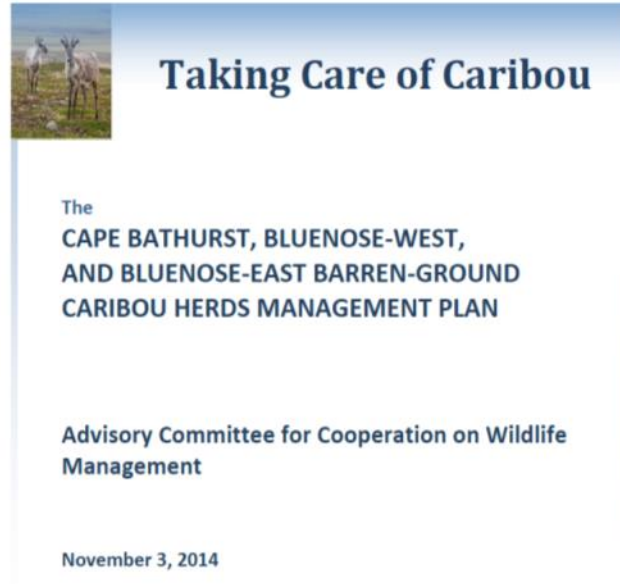
Kugluktuk Caribou Plan

Déliné Caribou Plan

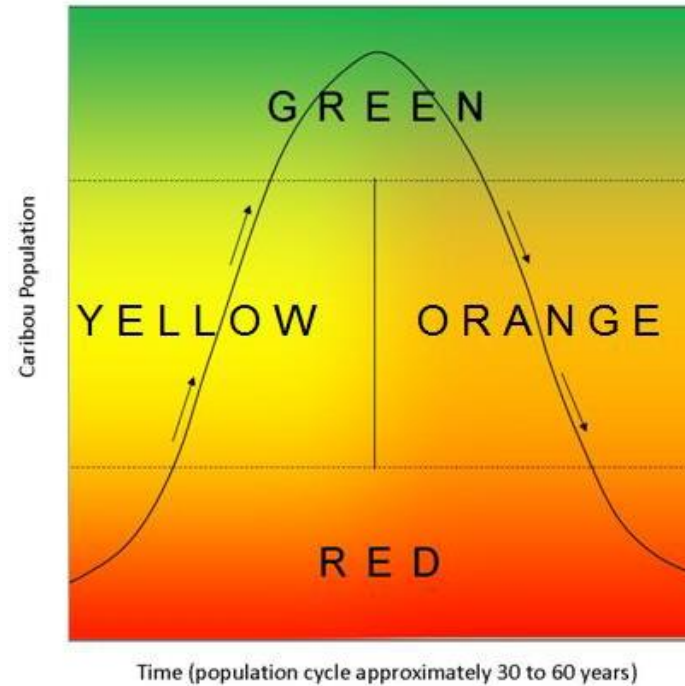


Bluenose-East Herd:

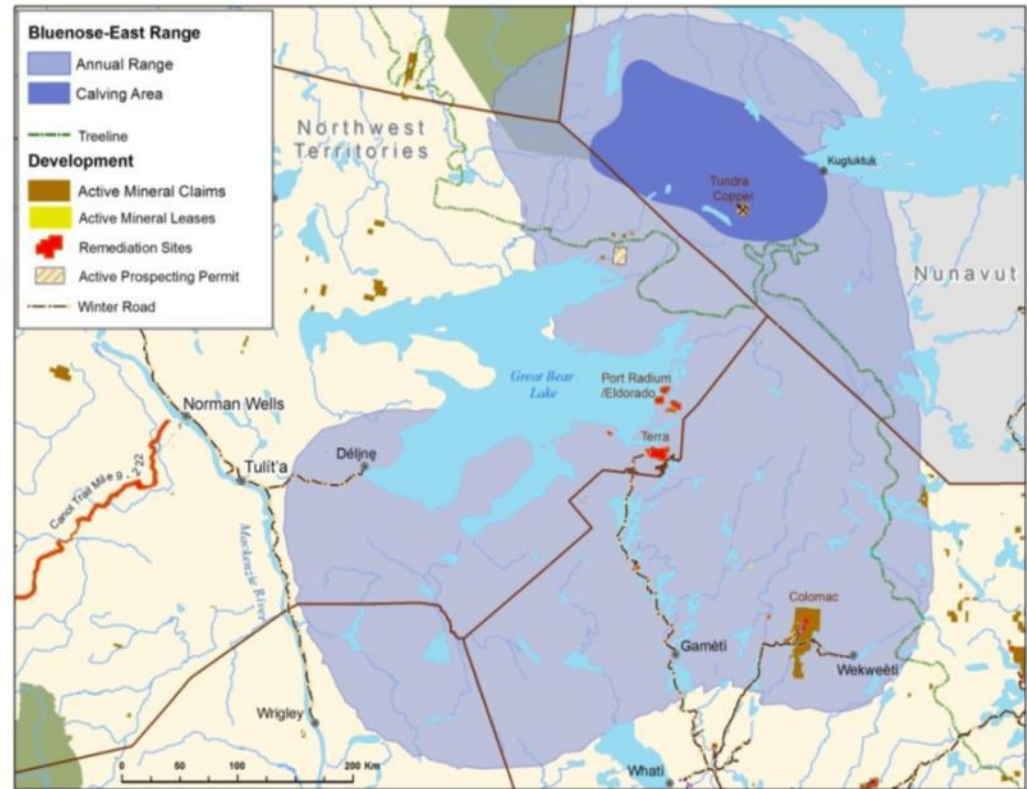
Taking Care of Caribou Plan 2014 (3 Herds)



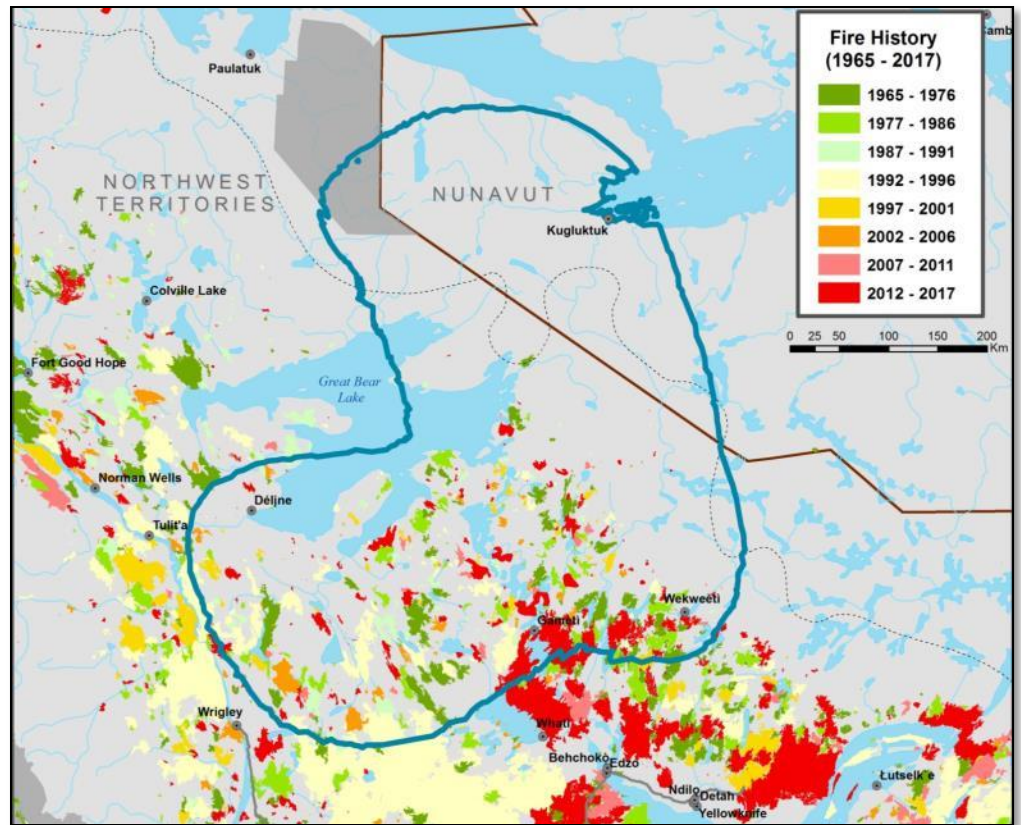
Bluenose-East
Herd:
ACCWM
(Boards)
Status
2018 & 2019
RED



Bluenose-East Herd: Land Use & Development 2019



Bluenose-East Herd: Fire History on Winter Range



Bluenose-East Herd: Wolf Management

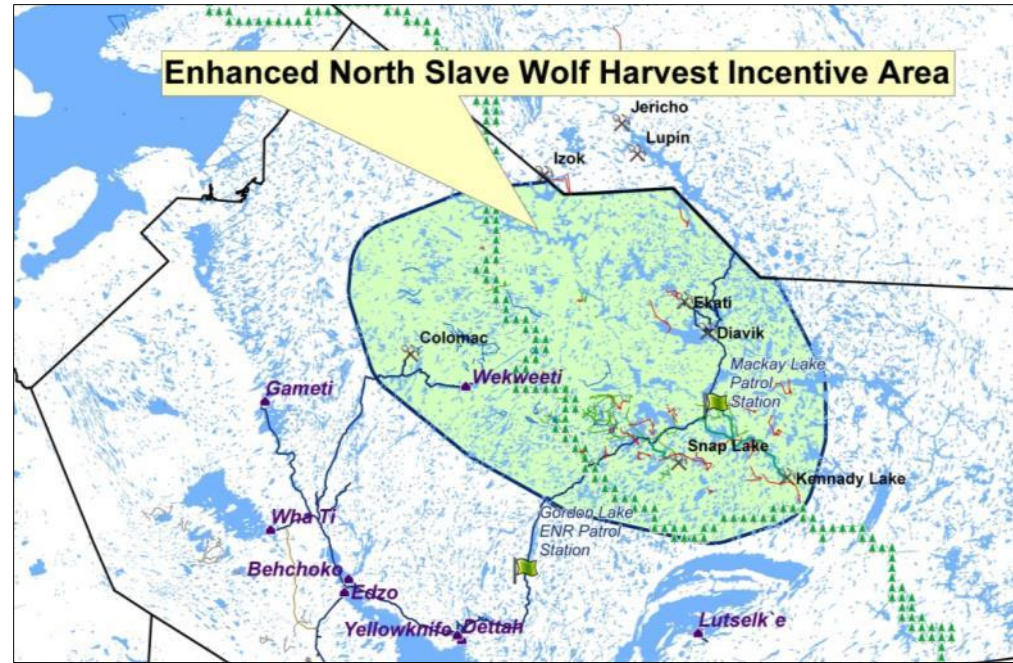


- Collaborative Wolf Feasibility Assessment 2017 (Bathurst)
- Increased Incentives for Wolf Hunters 2019-2020
- Tłıcho Wolf Hunting Winter Camps 2020
- Collaboration with Kugluktuk Wolf Hunters 2019-2020



Enhanced GNWT North Slave Wolf Harvest Incentive Program (2019)

Incentives Apply Where
Bluenose-East & Bathurst
Caribou Are Wintering



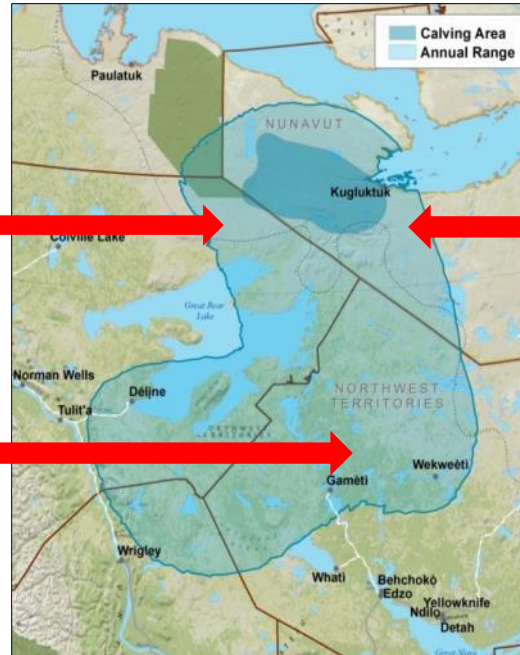
Bluenose-East Caribou Harvest Management: 3 Land Claims, 3 Boards

Sahtú Settlement
Area

Sahtú Renewable
Resources Board

Wek'èezhì

Wek'èezhì
Renewable
Resources Board



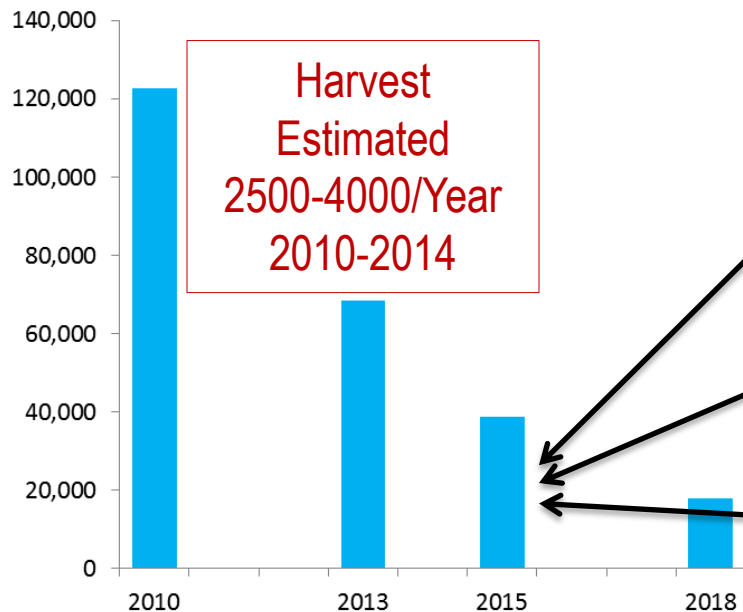
Nunavut

Nunavut Wildlife
Management
Board



Bluenose-East Caribou Harvest Management 2016:

3 Board Hearings, 3 Harvest Limits



Harvest
Estimated
2500-4000/Year
2010-2014

NWMB/Kugluktuk:

- 340 caribou

SRRB/Déline:

- 150 caribou (80% Bulls)

WRRB:

- 750 Bulls (Entire Herd)

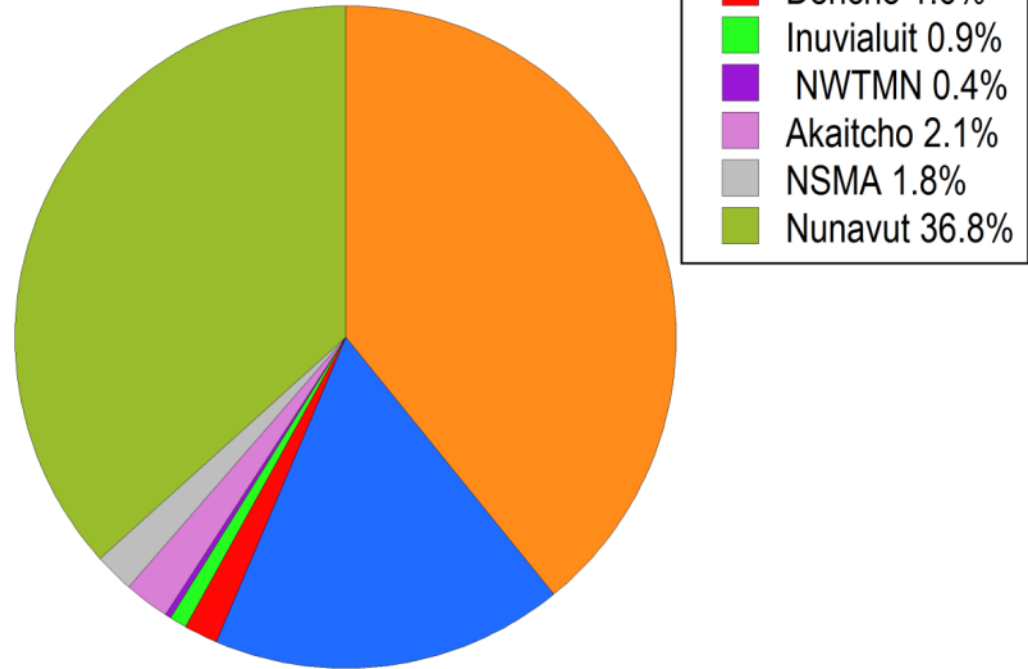


Bluenose-East Harvest Interim Allocation 2015



Photo J. Adamczewski, ENR

Bluenose-East Caribou Interim Allocation Feb. 2015



Bluenose-East Estimated/Reported NWT Harvest 2016-2019

Harvest Season	N. Slave Region NWT	Déline, NWT	Total NWT Harvest
2016-2017	15 bulls	93 bulls, 33 cows	108 bulls, 33 cows
2017-2018	10 bulls	0	10 bulls
2018-2019	100 bulls*	0	100 bulls

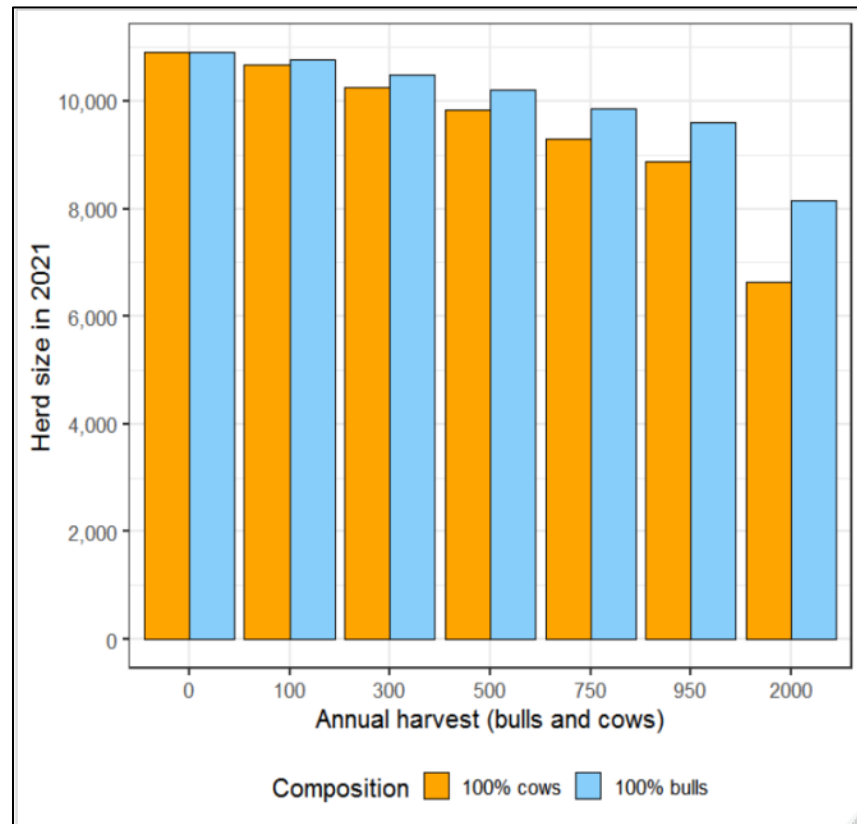
* Pending confirmation from Tłıcho Government



Bluenose-East Projected Herd Size in 2021:

Effects of Potential Harvest Levels

(Assumes Cow Survival of 71.6% and
Calf Productivity 0.301)



Bluenose-East Proposed Harvest Limits 2016 and 2019



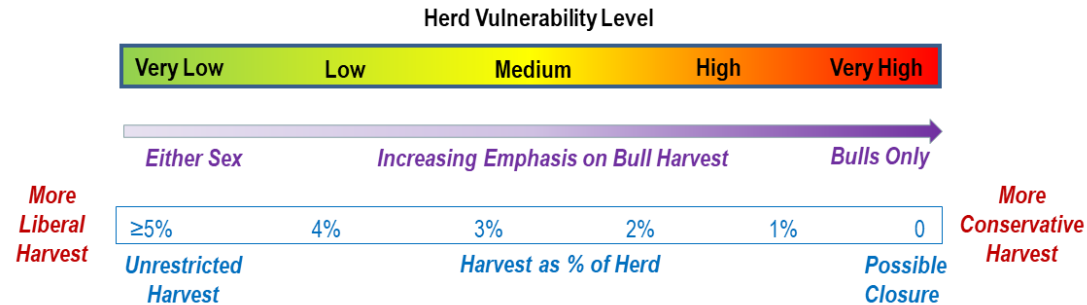
Board/ Region	Harvest Limit 2016	Proposed Harvest Limit 2019/2020	Reduction of Proposed Harvest 2016 to 2019/2020
NWMB/ Kugluktuk	340 Caribou (No Gender)	(GN): 107 Bulls	71 %
SRRB/ Déline	150 Caribou (80% Bulls)	30 Bulls	80%
WRRB/ Wek'èezhì	750 bulls (entire herd)	193 bulls (entire herd)	74%



GNWT Supports GN proposal for NU Total Allowable Harvest of Bluenose-East Caribou (107 Bulls)



- Consistent with Taking Care of Caribou Plan
- Reflects Herd's Further Decline 2015-2018
- Consistent Reduction in Harvest Limit Across Range
- Reflects GNWT Harvest Guidelines Based on Herd Risk



GNWT Bluenose-East Caribou Engagement & Consultation

2018-2019: Overview

- ACCWM (Advisory Committee for Cooperation on Wildlife Management)
Co-Management Boards: Bluenose-East status, Nov. 21, 2018 & Nov. 17, 2019
- Dèlne Renewable Resources Council, Dec. 11 & 12, 2018
- Wekweètì & Gamètì Jan. 21, 2019, Whatì Jan. 22, 2019, Behchokò Jan. 23, 2019
- Yellowknives Dene First Nation Chiefs & Elders Council, Jan. 24, 2019
- Salt River First Nation, Ft Smith Métis Council, Smith's Landing First Nation, Jan. 29, 2019
- Tulita Renewable Resources Council & Sahtú Renewable Resources Board, Jan. 30, 2019
- Łútsël K'é Dene First Nation, Feb. 6, 2019
- North Slave Métis Alliance, Feb. 18, 2019
- Kugluktuk Hunters and Trappers Organization, Feb. 20, 2019
- GNWT & GN Ministers' Meeting, Kugluktuk, April 15 & 16, 2019
- Wek'èezhì Renewable Resources Board Hearing on Bluenose-East Caribou, April 9-11, 2019



Thank You. Questions?



Photo J. Adamczewski

