

Tłıchǫ and Caribou

Wek'èezhìi Renewable Resource Board

Public Hearing:

Bluenose East (BNE) Caribou Herd

April 6-8, 2016

Behchokò



Tłıchǫ Ndek'awoo



Tłıchǫ Government

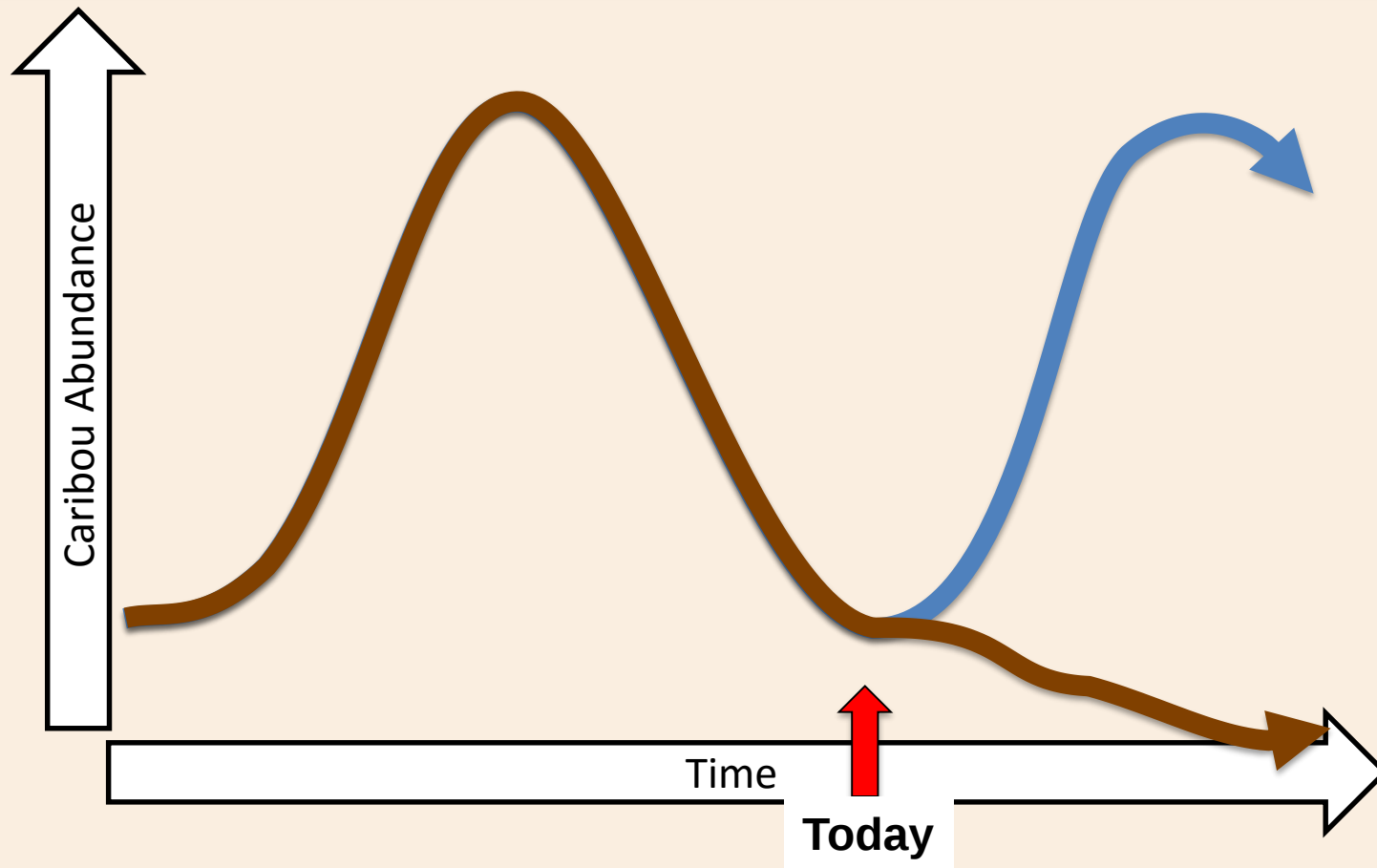


Overview



- John Nishi
- Former Grand Chief Joe Rabesca
- Elder Joseph Judas
- Dr. John B. Zoe

Caribou and Wildlife Management Strategies: **Population Cycles**

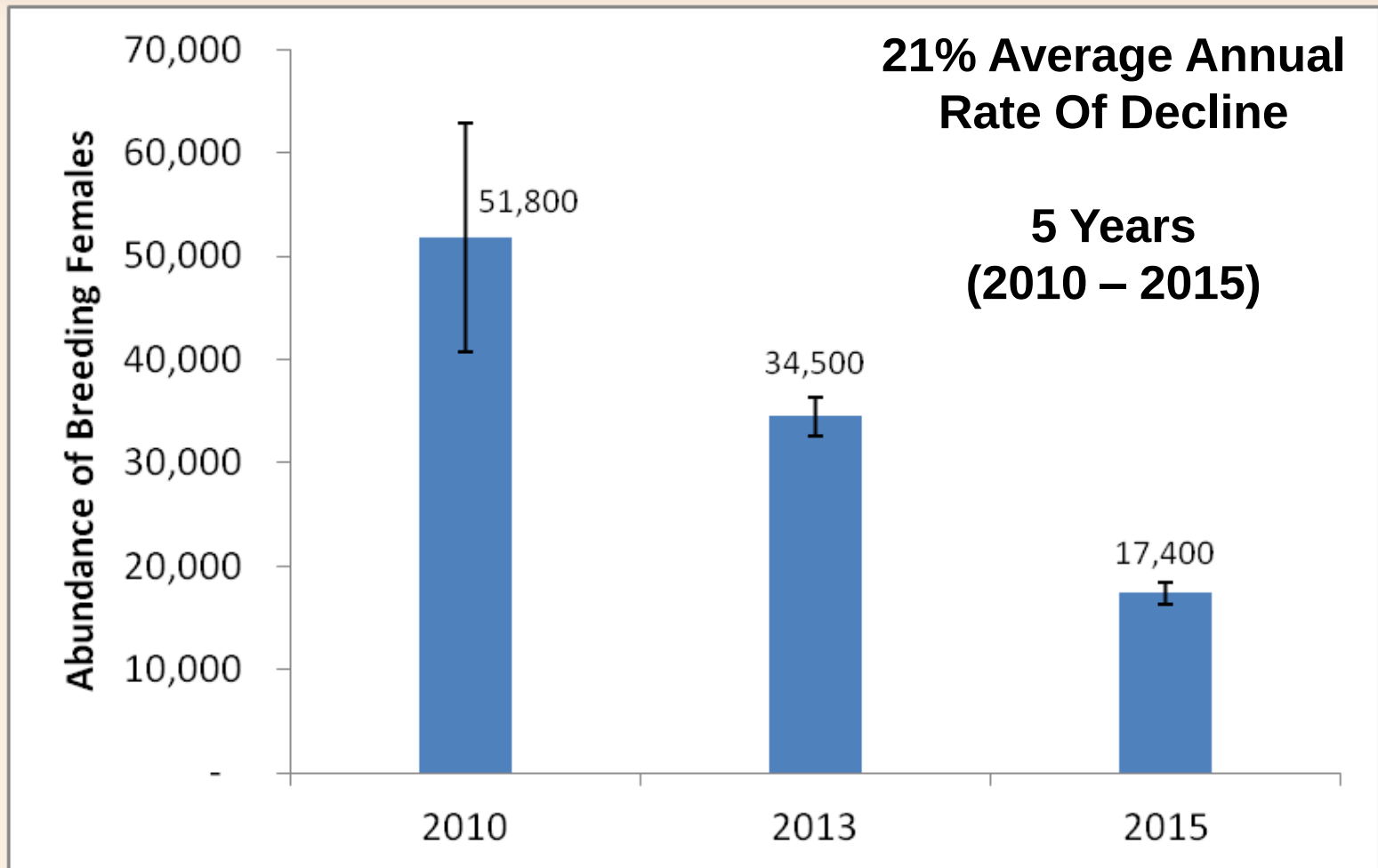


Caribou and Wildlife Management Strategies: Issues

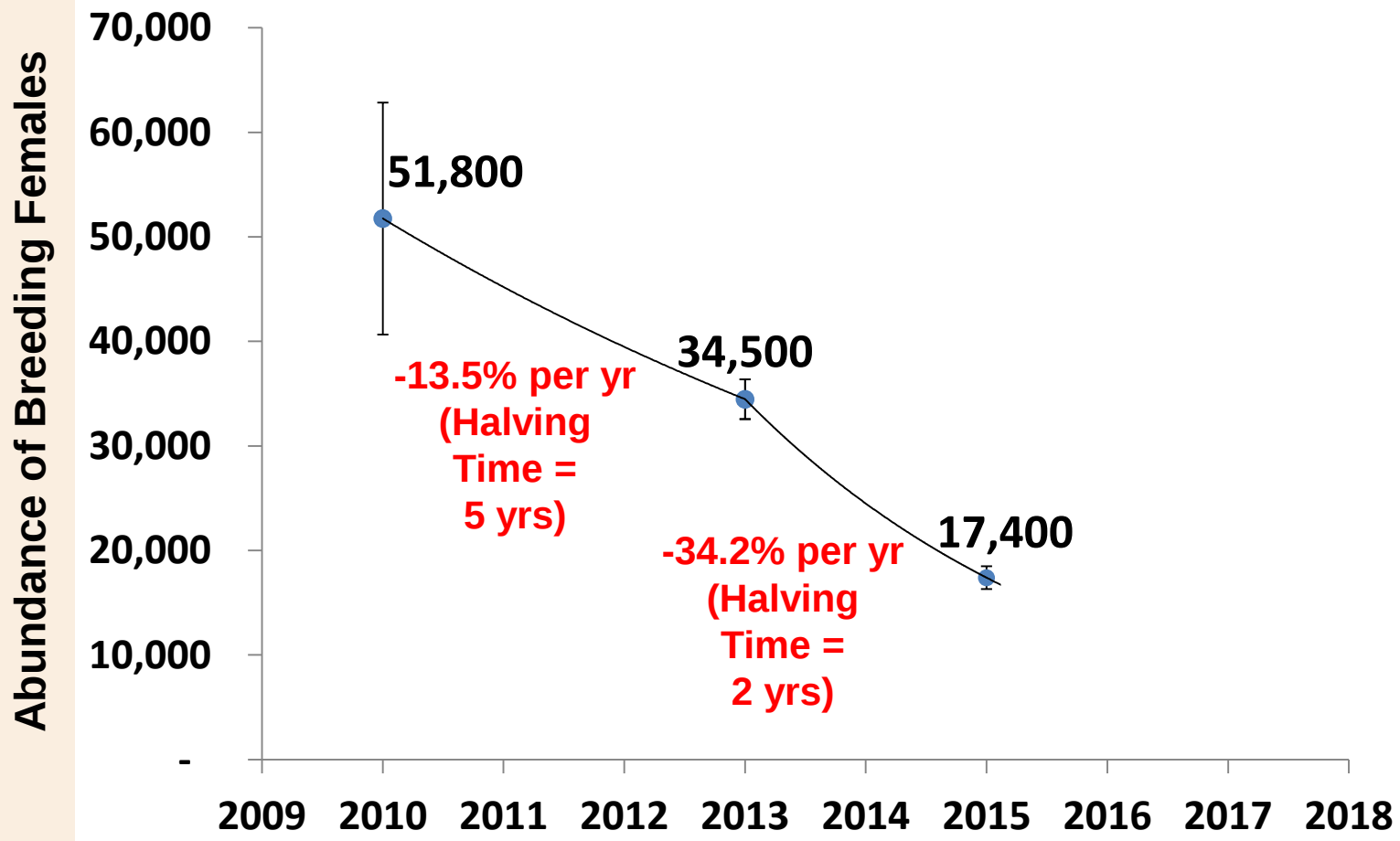


- **Declining Population Issues**
 - Population is in trouble
 - Focus is on ways of detecting, diagnosing, and halting a decline
- **Small Population Issues**
 - What problems occur in small populations?
 - Environmental &/or Demographic Stochasticity; Cumulative Effects, Predator Avoidance; Genetic diversity

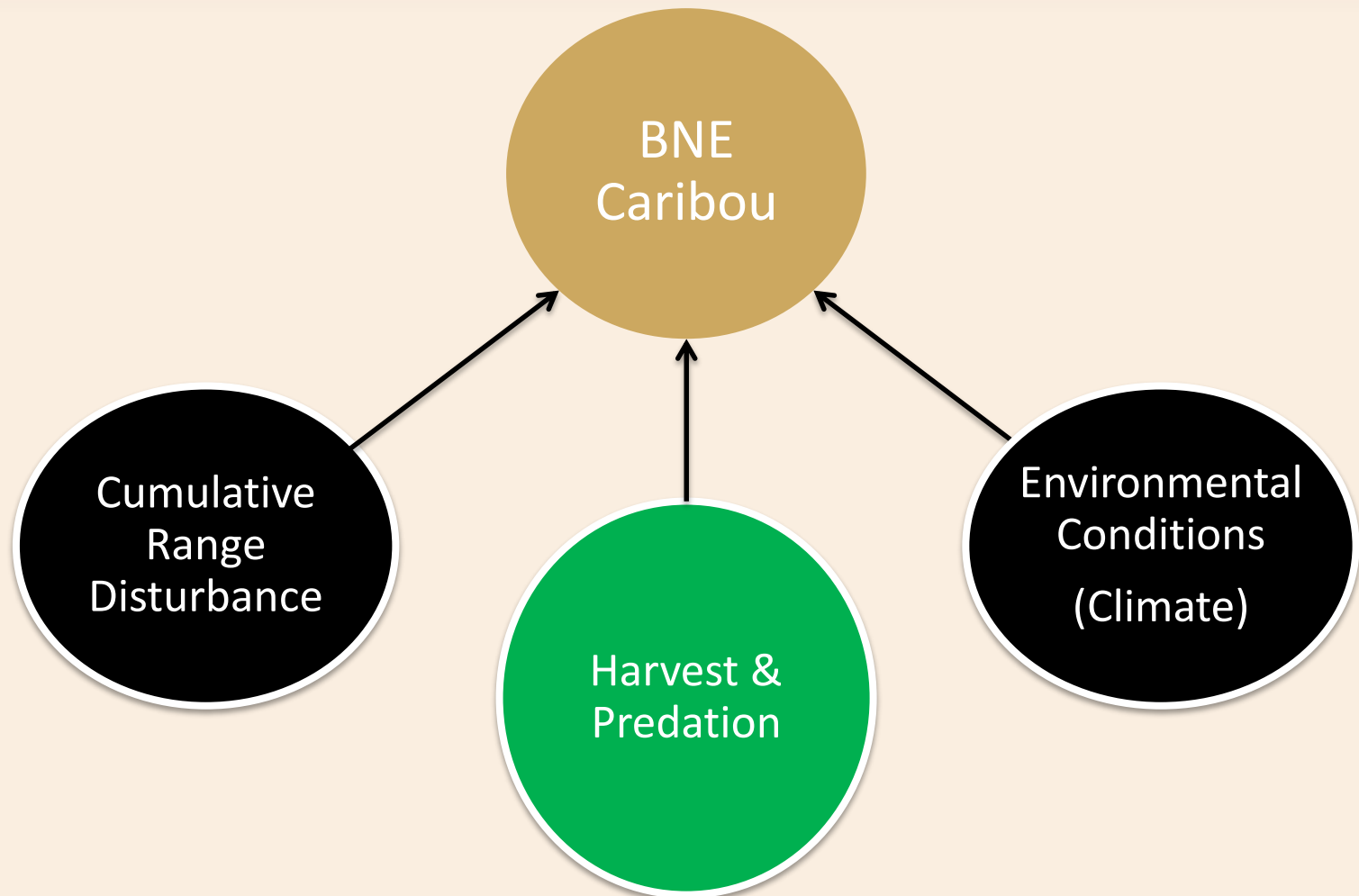
BNE Calving Ground Surveys



BNE Calving Ground Surveys



WRRRB – JMP for BNE Caribou: Focus of Recommendations



BNE Caribou:

Joint Wildlife Management Recommendations



- **Focus:** reduce mortality of caribou to help initiate recovery (stable and increasing trend)
- **Mortality Management Levers**
 - Harvest Management
 - Total Allowable Harvest
 - Allocation
 - Predator Management

ᐃᑭᐃᐃᐃ ᐃᐃ ᑭᐃ ᐃᐃᐃᐃᐃ

“We Live Here For Caribou”



Tłıchq and Ɂekwò



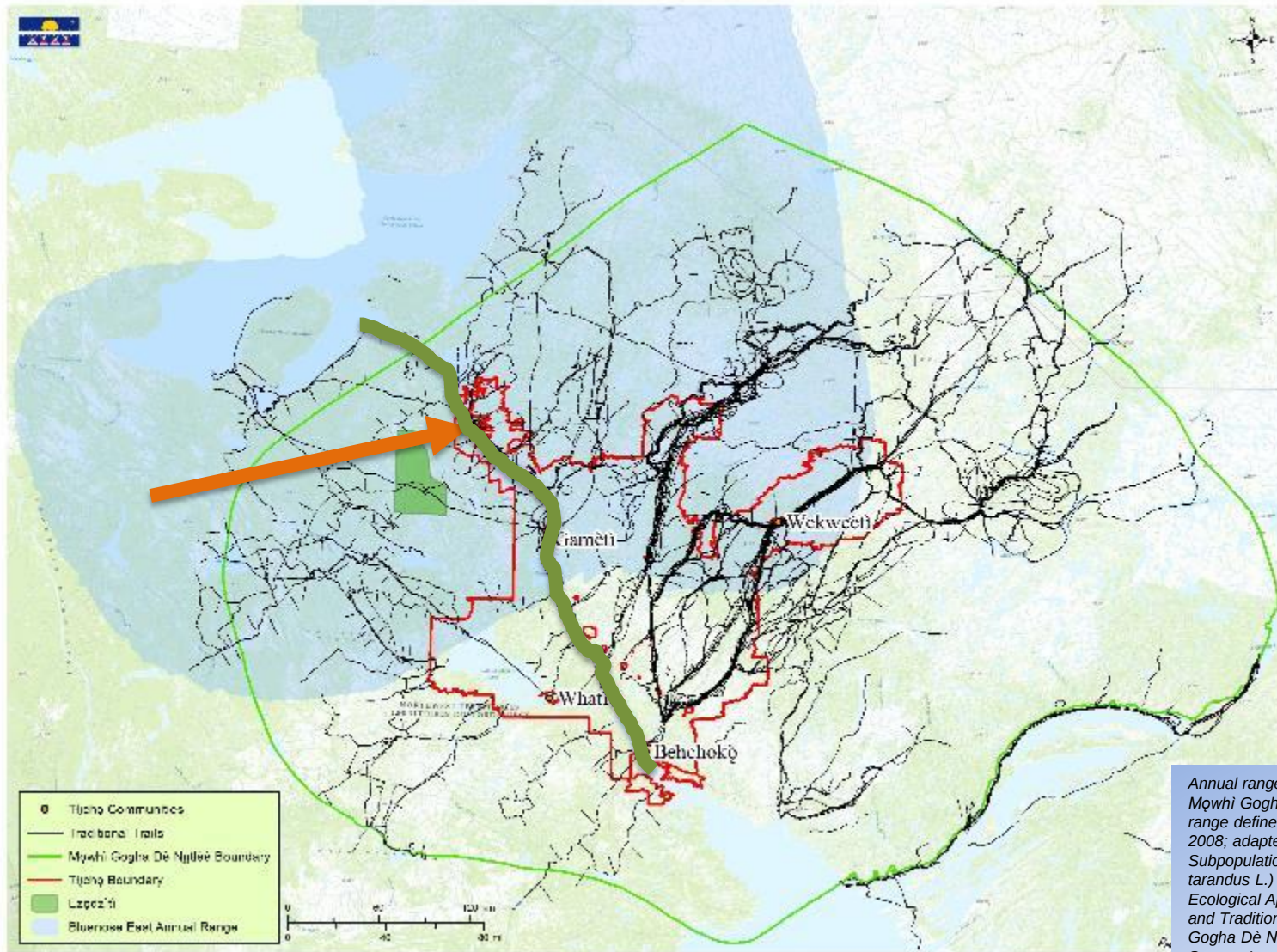
- Tłıchq relied on Ɂekwò for our physical, spiritual, and cultural sustenance
- Restrictions can result in lost connection to Ɂekwò and Ndè

Tłıchq and Ɂekwò



Tłıchq Government's view is that the recent yearly allocations to Tłıchq Government are the **minimum allocation** to the Tłıchq required for harvesting Bluenose East caribou and the **sustaining of the way of life** of the Tłıchq.

Idaá Trail and Hottah Lake



Annual range of Bluenose East caribou herd within Mowhi Gogha Dè Njiltée. Bluenose East annual range defined based on collared caribou 1996-2008; adapted from Nagy, J. A., et al. 2011. Subpopulation structure of caribou (*Rangifer tarandus* L.) in arctic and subarctic Canada. *Ecological Applications*. 21: 2334-2348) and Traditional Tłı̨chǫ Trails throughout Mowhi Gogha Dè Njiltée
Source: Legat et al. 2001/2014

Tłıchq and BNE



- Recent Harvest to BNE
 - Ɂłts'otsoṭì (Hottah Lake)
 - Kwełkahtì (Beaver lodge Lake)
 - ɁetsaàɁłłṭì (Rawalpindi Lake, 2012)

Harvest Data



		Total BNE Harvest	Female	Male	Calves	Unknown	% total/ community	% total/ region
Fall 2010/ Winter 2011	Tłıchǫ	1103	634	469			77.5%	77.5%
	YKDFN	44	28	16			3.1%	3.1%
	Sahtu	123				123	8.6%	8.6%
	*Kugluktuk	153				153	10.8%	10.8%
	Annual TOTAL	1423	662	485		276		

Fall 2011/ Winter 2012	Behchoko	408	213	176	19		23.1%	65%
	Gameti	287	78	174		35	16.3%	
	Whati	425	158	149		118	24.1%	
	Wekweeti	30	25	5			1.7%	
	YKDFN	132	97	35			7.5%	7.5%
	Sahtu	300	110	9		181	17.0%	17.0%
	Dehcho	34	7	27			1.9%	1.9%
	*Kugluktuk	150				150	8.5%	8.5%
	Annual TOTAL	1766	688	575		153		

Harvest Data



		Total BNE Harvest	Female	Male	Calves	Unknown	% total/ community	% total/ region
Fall 2012/ Winter 2013	Behchoko	634	240	393		1	24.7%	54.9%
	Gameti	404	246	151		7	15.8%	
	Wha Ti	316	40	161		115	12.3%	
	Wekweeti	52	14	38			2.0%	
	YKDFN	26	8	18			1.0%	1.0%
	Sahtu	365	192	173			14.2%	14.2%
	Dehcho	7		7			0.3%	0.3%
	*Kugluktuk	705				705	27.5%	27.5%
	Fort Smith	13	13				0.5%	2.1%
	Fort Resolution	35	17	18			1.4%	
	Hay River	5	4	1			0.2%	
	AnnauL TOTAL	2562	774	960		828		

Fall 2013/ Winter 2014	Behchoko	1066	741	317		8	35.1%	47.8%
	Gameti	291	208	55		28	9.6%	
	Wha Ti	93	29	56		8	3.1%	
	YKDFN	17	10	7			0.6%	0.6%
	Sahtu	517	394	123			17.0%	17.0%
	Dehcho	25	7	7		11	0.8%	0.8%
	*Kugluktuk	1000				1000	33.0%	33.0%
	Fort Smith	24	6	18			0.8%	0.8%
	Annual TOTAL	3033	1395	583		1055		

* Represents an estimate from Nunavut Wildlife Biologists and wildlife officers

Conclusion



- Tłıchǫ and the Ɂekwǫ
- Tłıchǫ need Ɂekwǫ to sustain way of life
- Tłıchǫ Agreement and WRRB
- We're all in this together