



🏠 Revelstoke Community Centre MPH3

📅 Date: Monday, May 30th, 2022

🕒 Time: 10:30-16:30 Pacific

DRAFT AGENDA
Revelstoke Complex and Central Selkirks
Caribou Technical Working Group

Purpose of this meeting is to recap where we are at and focus
discussion on population and habitat

Members (grey indicates not in attendance)

Genevieve Lachance (moderator)	Christine Friedrichsmeier (notes)	Guests: MATEEN Hessami		
Tim Eugene	Deb McKillop		Cory Legebokow	Emily Sunter
Rieva McCuaig	Rob Steenweg	Robyn Laubman	Darcy Peel	
Aaron Reid	Adam Neil	Leo DeGroot	Mark	
Gwen Bridge	Brier Cadden	Rhiannon Kirton	Tina Donald	
Corey Bird	Allison Pagett	Darcy Peel	Brennan Lund	
Tina Donald	Chris Joseph	Brennan Lund	Rob Serrouya	
Greg Johnson	John Krebs	Bevan Ernst	Robin Steenweg	

AGENDA

10:30-

Welcome and review of Action Items from last meeting (Genevieve Lachance)

ACTIONS SUMMARY

- to add Groundhog herd to all further discussion- Genevieve to look at consultation map and re-invite Indigenous communities not involved.
- to produce maps showing the different options for Columbia North. Bevan/Genevieve
- Produce a document on population target, and translocation of animals according to notes in section 2. Aaron, Bevan, Kathi?
- Looking at filling shepherd spots for June/July-ongoing for next couple of weeks. Ktunaxa and Shuswap interest. Frances Swan is the main contact- 250-265-3656
- Aaron to look for & provide protocols in place at the pen to limit disturbance to the animals. Done- placed on the ftp site
- Rob happy to take anyone out in next week to see high moose habitat- Field trip May 31st- reschedule due to lack of participants able to make this date
- Robyn L: would like more information re: wildlife target numbers, sustainable hunting levels- Next meeting talking about population caribou and moose?
- Tina looking for educational tools regarding mountain caribou for the children- send her way. Completed
- Bevan and Aaron to present areas potential for trading closures for snowmobiles and lessons learnt from up North engagement. Next meeting?
- Robyn L.: Hwy 23 - concerns for the caribou there- to discuss at a next meeting?
- Brier Cadden to follow-up with Splatsin restoration initiative and government process, to help facilitate. on going
- Follow-up- what we heard from Nations so far, and a few questions to for further discussion- On going
- Everybody to fill the doodle poll for next meeting date and field trip and send potential topics. Completed

1	10:45	The Central Selkirks Maternity Pen update – Aaron, Corey																																																								
	General update, shepherds, field. <ul style="list-style-type: none">All is well at the mat pen with different Nations that visited, caribou are well and one calf born.Protocols are on the ftp site- http://www.for.gov.bc.ca/ftp/RSI\external\!publish\Rev_ complexes Central Selkirks TWG																																																									
2	11:00	Herds and Population target- Aaron, Bevan, See detailed questions – small group sessions																																																								
	<div>1. Are you in agreement to prioritize efforts and resources for herds with population > 20 animals? A. Columbia North and B- Central Selkirks<ul style="list-style-type: none">In general, there is agreement to focus on these two herdsThere is also agreement to add groundhog to the list of herds this group will address due to migration between Groundhog and Columbia North. ACTION to add Groundhog herd to all further discussion-</div> <div>2. What are your recommendations for Columbia South and Frisby- Boulder herds?<ul style="list-style-type: none">In general, in favor of translocating the remaining caribou. No recommendations of where the animals should go between, Columbia North, Central Selkirks and Conservation Breeding facility in Jasper (most likely will not be in place in time).Strategic approach is needed.<ul style="list-style-type: none">Looking at the entire landscape (disturbance, current protection), of all herds adjoining RCCS, including the extirpated herdsdeveloping a priority framework by evaluating the effectiveness of current recovery actions (maternity penning, predator control, current and proposed additional protection, snowmobile closures, heli skiing impacts, other factors), and habitat suitability for suitable herdsidentify steps and timeline (short, medium, long term) to place animals back into that landscape and including all adjacent extirpated herds and keeping current GAR.Ensure all actions are based on Western Science and Indigenous KnowledgeACTION: Produce a document on population target, and translocation of animals according to notes above.</div> <div>3. What are your views on caribou population target for Central Selkirks and Columbia North?</div> <table><thead><tr><th>Herd</th><th>Last Est. Year</th><th>Pop'n Est</th><th>Current trend</th><th>Historic Long-term trend</th><th>Herd area (km2)</th><th>Carrying Capacity (K=0.08)</th><th>Stabilizing density (0.064)</th><th>Recom. Range</th><th>Pred Risk Priority</th><th>% Dist HE Core (500 m buffer)</th><th>% Dist Matrix (no buffer; no pests)</th><th>Hab prot'n (forestry) % HE Core</th><th>Hab prot'n (forestry) % Matrix</th></tr></thead><tbody><tr><td>Groundhog</td><td>2020</td><td>31</td><td>Stable</td><td>↓</td><td>1,026</td><td>82</td><td>66</td><td>55-80</td><td>Medium</td><td>44.6</td><td>25.7</td><td>65%</td><td>13%</td></tr><tr><td>Columbia North</td><td>2022</td><td>209</td><td>Stable</td><td>↓</td><td>4,804</td><td>384</td><td>307</td><td>205-270</td><td>High</td><td>33.6</td><td>16.6</td><td>34%</td><td>12%</td></tr><tr><td>Central Selkirks</td><td>2021</td><td>28</td><td>Decreasing</td><td>↓</td><td>3,933</td><td>315</td><td>252</td><td>100-210</td><td>Medium</td><td>26.8</td><td>11.2</td><td>85%</td><td>11%</td></tr></tbody></table> <div><ul style="list-style-type: none">What is a self-sustaining caribou population for the Central Selkirks? Target or range or simply population growth? : In general the groups were ok with the 100-210 range. Given the level of disturbance (winter recreation) in the south a population over 100 was felt to be a reasonable goal<ul style="list-style-type: none">What is the historic/capacity level? We discussed population highs in the 1990s and related that to the target range below.</div>		Herd	Last Est. Year	Pop'n Est	Current trend	Historic Long-term trend	Herd area (km2)	Carrying Capacity (K=0.08)	Stabilizing density (0.064)	Recom. Range	Pred Risk Priority	% Dist HE Core (500 m buffer)	% Dist Matrix (no buffer; no pests)	Hab prot'n (forestry) % HE Core	Hab prot'n (forestry) % Matrix	Groundhog	2020	31	Stable	↓	1,026	82	66	55-80	Medium	44.6	25.7	65%	13%	Columbia North	2022	209	Stable	↓	4,804	384	307	205-270	High	33.6	16.6	34%	12%	Central Selkirks	2021	28	Decreasing	↓	3,933	315	252	100-210	Medium	26.8	11.2	85%	11%
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		<ul style="list-style-type: none"> ii. Western Science population target,: 100-210 iii. Indigenous knowledge for population level with Indigenous hunt? the ability to hunt caribou was supported not specific to the Central Selkirks. iv. What about non-indigenous hunt? Not in favor for a foreseeable future v. What are the impediments to achieve this target/range? Winter recreation is the primary concern, habitat in core will only improve over the next ten years a. What is a self-sustaining caribou population for the Columbia North? Target or range or simply population growth? a. What is the historic/capacity level? Current number is underestimated- were 1000 b. Western Science population target, too low (not sure how determined)- double it c. Indigenous knowledge for population level with Indigenous hunt? Indigenous should self managed ind. Hunt. Focus on bull if and when applicable. d. What about non-indigenous hunt? Not a priority. One opinion is that it might increase interest on conservation with an indigenous oversight. e. What are the impediments to achieve this target/range? Disturbance
	12:00	Break
3	13:00	Disturbance- Aaron, Bevan,
	Review of the current and recommended disturbance by habitat type and by herds – see maps - Discussion looking at the maps on the wall.	
4	13:30	Robin Steenweg- ECCC
	Federal view of the herds, recovery, and recommended outcome- postponed due to time restrictions	
5	14:00	Habitat protection- Genevieve, Bevan, Aaron-
	<p>Additional habitat protection: Overall balance is needed between moose and caribou. Moose is needed for sustenance. Discussion on Holistic approach and including of Six directives from Simpcw?</p> <ul style="list-style-type: none"> 1. Group agrees to put forward for Columbia North- <ul style="list-style-type: none"> a. option A - to be protecting 90% of Core Habitat b. Option B- 80% c. Option C - 75% 2. Group agrees for Central Selkirks (Central Selkirk protection is already higher than option b. Next meeting we can discuss including key areas remaining unprotected) <p>ACTIONS: to produce maps showing the different options for Columbia North Bevan/Genevieve</p>	
6	15:30	Restoration- All- postponed due to time limitation
	Process, prioritisation, support at all government level and collaboration with Indigenous communities	
7	16:00	Next Steps Next meeting
	Face to face in late June- 27- Revy	

