

# Selkirk and Cabinet-Yaak Grizzly Bear Monitoring

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2020-10-09 2:49:49 PM M 1/5

48°F

- 2020 Field Season Results
- 2020 Mortality summary
- 2019 Genetics Results
- 2020 BC Selkirk Update





# 2020 Field Season and COVID-19

- Reduced trap effort with no trapping May
- Two trap teams in CY and one in the Selkirks
- Only one hair snag camera crew in Selkirks with additional effort by KTOI, Kalispel Tribe, WA FW, Colville and IPNF Forests
- Some hair snag effort in Cabinet-Yaak by myself and trap crew when able



# Grizzly Bear Captures in 2020

- SELKIRKS -5 males and 1 female. Males = 3 adults, 2 subadults. Female an adult no young present. Female and one male previously captured. One male lost radio collar day after capture.
- CABINET-YAAK - 2 adult females and 1 subadult male offspring. Both Females previously captured





# 2020 Monitoring

- Selkirks – 7 bears monitored (4 M, 3 F)
- Cabinet-Yaak – 8 bears monitored (4 M, 4 F)





# Grizzly Bear Mortality



- 2 bears in Selkirks – subadult male in spring human caused under investigation and subadult female hit on Highway 1 about 3–4 miles south of BC border
- 2 bears in Cabinet-Yaak – subadult male tagged in BC but mistaken identity kill by black bear hunters in September and an adult female human caused kill in November under investigation



# Cabinet Mountains Augmentation

- A female captured and processed but not released because it had a conflict history
- Sent back to NCDE





# 2020

## Females with cubs

- Selkirks - Four unduplicated females with cubs of year
- Cabinet-Yaak – Five unduplicated females with cubs of the year

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# 2019 Selkirk and Cabinet-Yaak Genetically Identified

## Individuals

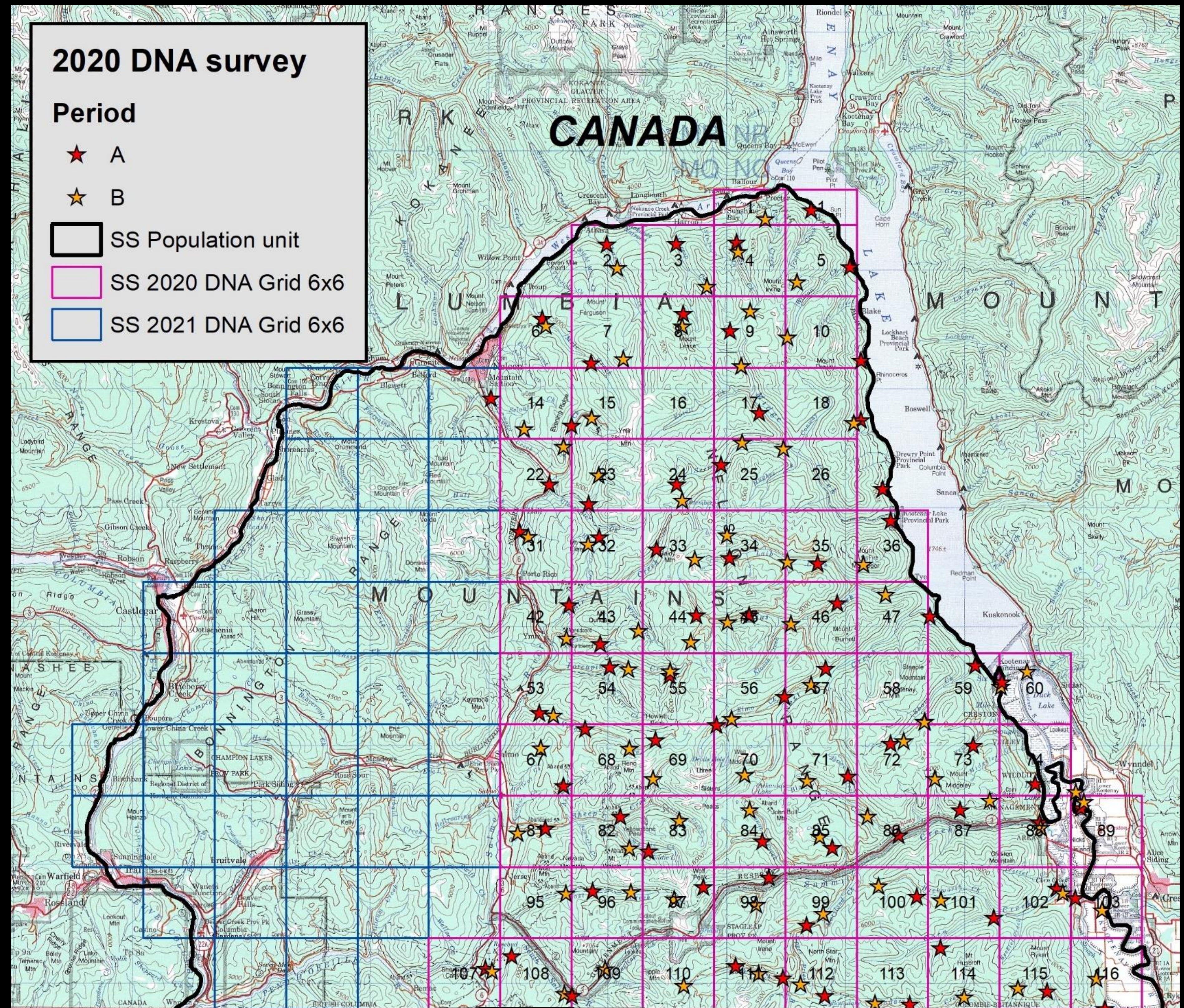


Selkirk: Collect 2,402 samples,  
650 appear grizzly, 385 Lab ID Grizzly =  
37 Individuals 20 F: 17 M  
Cabinet-Yaak : Collect 2518 samples,  
553 appear grizzly, 253 Lab ID Grizzly =  
39 Individuals 9 F: 30 M



# BC Population Estimate

- 2020 sampling between Kootenay Lake and Highway 6
- 116 cells sampled with corrals during 5 sessions with approximately 225 sites
- 2021 sampling will occur west of Highway 6





# 2021 Monitoring Plans

- Similar level of trap effort but Selkirks focus in Washington and the Priest Lake Basin
- Similar effort in Cabinet-Yaak
- More effort on hair snagging with 2 teams in the Selkirks and one in the Cabinet-Yaak
- Graduate Student (Megan Wright) beginning program at University Idaho with focus on grizzly bear genetics

