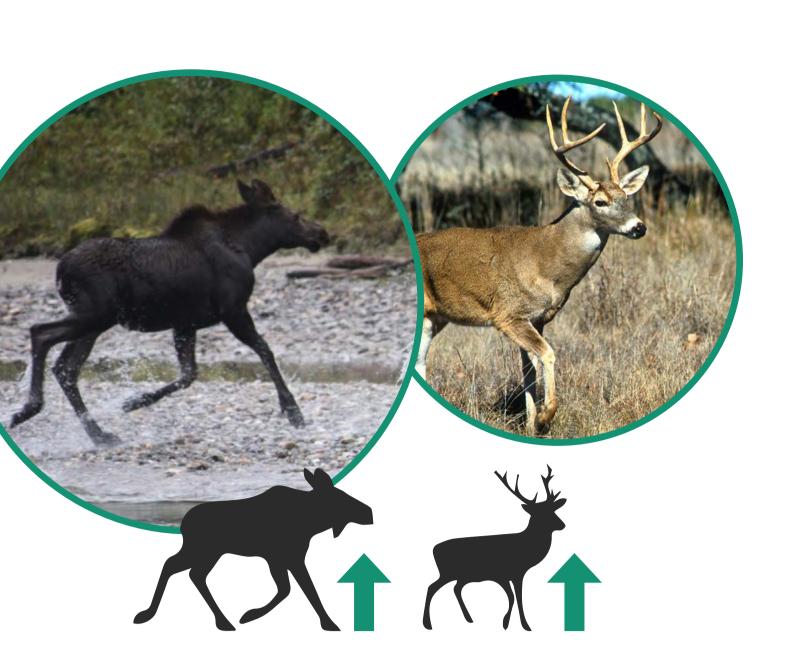
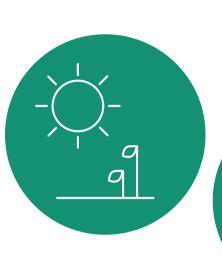
EXPERIMENTAL MOOSE REDUCTION LOWERS WOLF DENSITY AND STOPS DECLINE OF ENDANGERED CARIBOU

INTRODUCTION



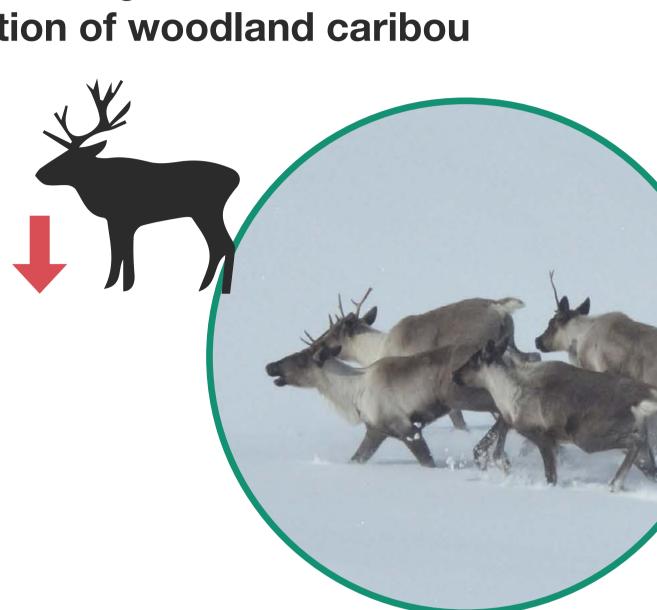
Moose and white-tailed deer populations have increased in western north America due to climate change and forestry







This has also increased predators that are causing the decline and extirpation of woodland caribou



METHODS

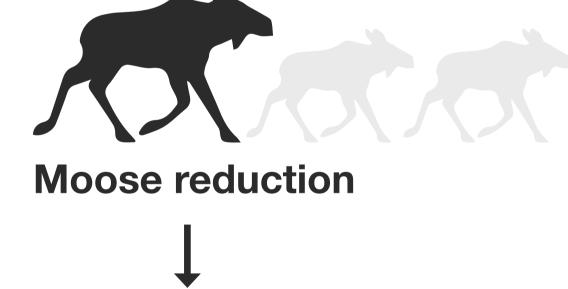


We conducted a large scale (>6500 km²), controlled experiment to determine if reducing moose to historic levels could reduce wolf density and therefore recover caribou populations



TREATMENT AREA

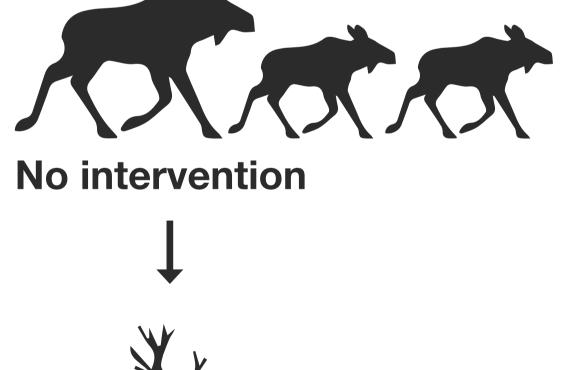
6500 km²





REFERENCE AREA

11500 km²





RESULTS

Following the moose reduction, the largest caribou population stabilized, whereas in the reference area caribou populations continued to decline.

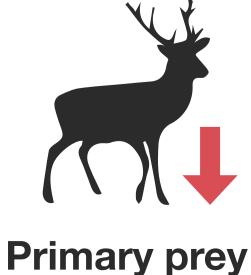
CONCLUSION

populations, without having to conduct intensive and continuous wolf control. The result is promising, but **insufficient to achieve recovery**, suggesting that

Reducing primary prey (moose or deer) can be a viable tool to recover caribou

multiple limiting factors and corresponding management tools must be addressed simultaneously to achieve recovery for woodland caribou.

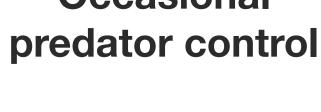
RECOVERY TOOLS CAN INCLUDE:



reductions







Caribou: Robert Serrouya Study Area: Robert Serrouya



