

Kroesen, L. P., Hik, D. S. and Cherry, S. G. 2020.
Patterns of decadal, seasonal and daily visitation to
mineral licks, a critical resource hotspot for mountain
goats *Oreamnos americanus* in the Rocky Mountains.
– Wildlife Biology 2020: wlb-00736

Appendix 1

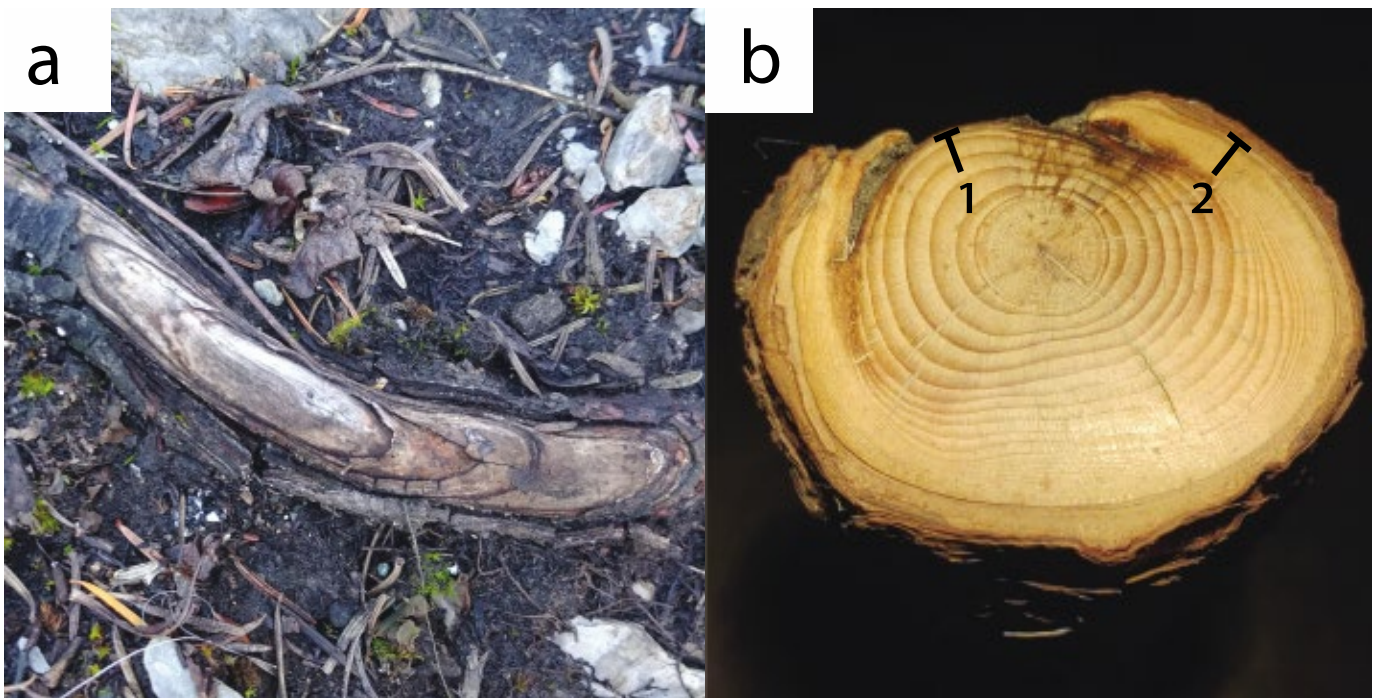


Figure A1. Photographs of (a) a trampled root along a mountain goat trail and (b) a cross-section of a root with trampling damage to the exposed xylem. We determined the age of the scar by counting from the damage (1) to the edge of the cambium (2).

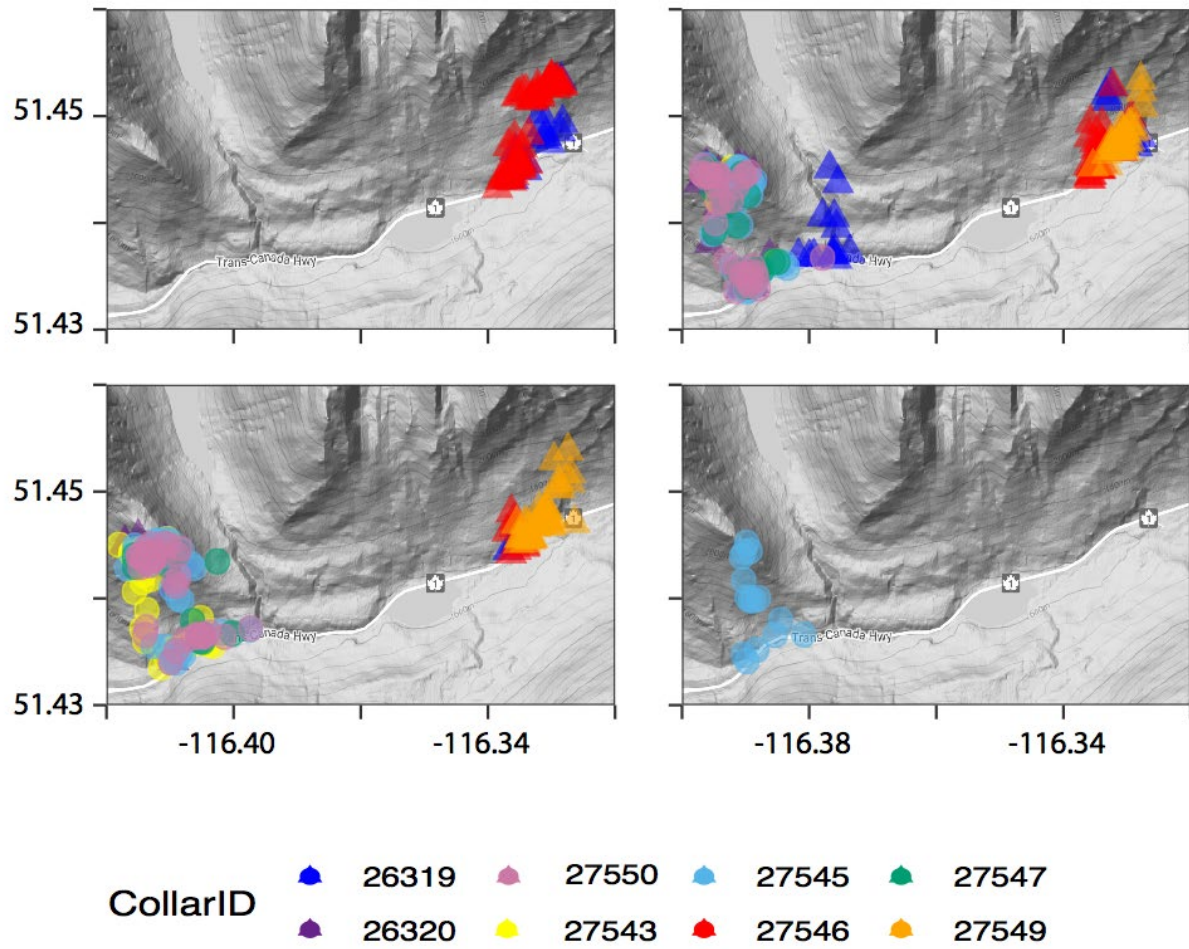


Figure A2. Individual use of mineral licks in 2018 by GPS collared mountain goats between May and August. Triangles are males, circles are females, each symbol is one hour of time spent at a mineral lick. Each colour represents a different individual (CollarID).

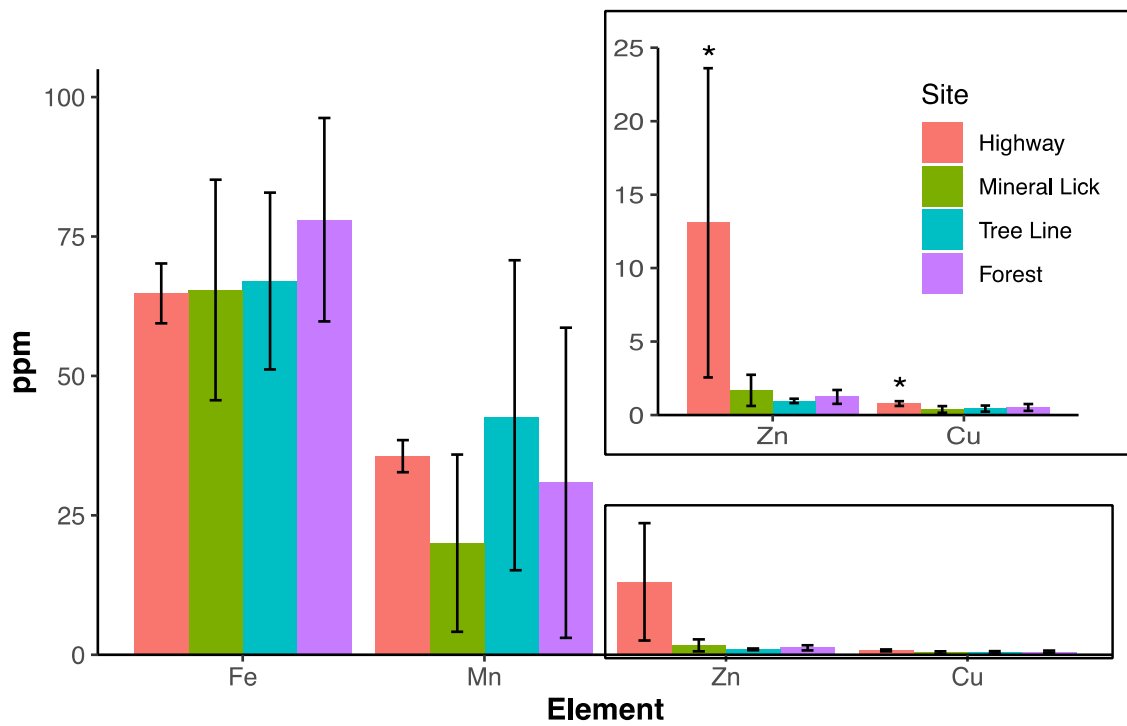


Figure A3. Concentrations (mean \pm SE) of trace elements (ppm) of soil samples collected from the forest, highway, mineral lick and tree line. Significant differences (* $p < 0.05$) between sites were tested using a one-way ANOVA.

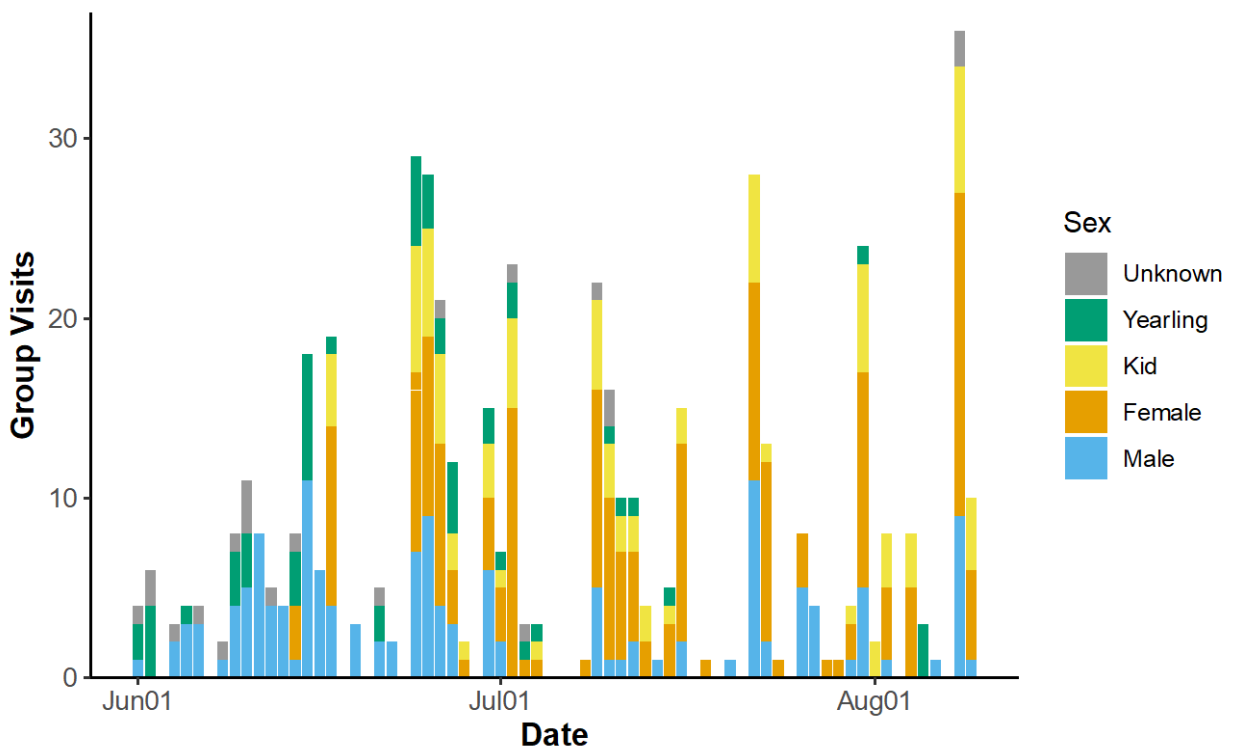


Figure A4. Daily group size and composition of mountain goats visiting mineral licks in summer 2019. Each stacked bar represents the total number of goats observed in camera traps on each day. Group sizes of each sex and age class are shown for each day