



Mountain Goat Monitoring in Yoho, Kootenay, and Banff National Parks of Canada

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ABSTRACT: Protected areas, such as national parks, often contain large expanses of undisturbed wildlife habitat interspersed with human activities and infrastructure. Linear disturbances such as highways can fragment habitat while human land-use activities, recreation, and developments can displace wildlife from key resources. Determining the effects of anthropogenic influences on sensitive wildlife, such as mountain goats (*Oreamnos americanus*), is an important aspect of monitoring and managing protected landscapes for long-term sustainability. We outline key mountain goat monitoring tools used in Kootenay, Yoho, and Banff National Parks, which include remote wildlife cameras deployed at known mineral lick sites, aerial surveys, and the use of GPS tracking collars. Preliminary results are presented and discussed within the context of landscape planning and management.

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KEYWORDS Mountain goat; *Oreamnos americanus*; monitoring; Kootenay National Park; Yoho National Park; Banff National Park; Canada.