

## **Selenium Levels in Bighorns in British Columbia**

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**Abstract:** We compiled existing trace mineral levels in a database containing toxicology laboratory results for 1,132 bighorn sheep (*Ovis canadensis*) tissue and serum samples, covering the period 1978 through 2004. Descriptive statistics for 19 data subsets for each subspecies and metapopulation are included in this database. Our summary of trace mineral data for bighorn sheep in B.C. will be available for use by researchers and managers in B.C. and other jurisdictions across wild sheep ranges. This reference can be used to steer future investigations of bighorn sheep nutrition and health in general, but particularly with respect to implementation of the Fraser River California Bighorn Sheep Management Plan and the South Okanagan Bighorn Sheep Recovery Plan.

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**Key words:** Bighorn sheep, British Columbia, database, *Ovis canadensis*, trace minerals.

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