

Wildlife in the Fraser River Basin

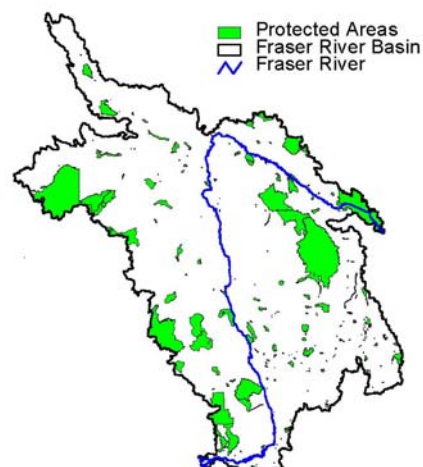
Protected Areas

- As of 2002, roughly 3.1 million hectares within the Fraser River Basin were considered as protected areas, either as a park or an ecological reserve. This represents 13.4% of the total land area within the Basin, almost doubling the 7% total from 1991. ^a

Species-at-Risk

- The numbers of species-at-risk within the Fraser River Basin have increased slightly between 1997 and 2002, to just over 20% of known species within the Basin. ^a
- Species-at-risk includes both Red-Listed (endangered or threatened of becoming extinct or extirpated) and Blue-Listed species (vulnerable to potentially become extinct or extirpated).
- As of 2002, 9% of vertebrates, 11% of mammals, 8% of birds, 12% of freshwater fish, and 11% of amphibians within the Fraser River Basin have been red-listed as being likely extirpated if threatening factors are not alleviated. ^a
- The greatest threats to species-at-risk includes urban development, environmental contamination, agriculture, and timber harvesting. ^b

Protected Areas in the Fraser River Basin, 2002



Sample Red and Blue-Listed Species Located in the Fraser River Basin. ^c

Species	Status
White Sturgeon	red
Western Grebe	red
Burrowing Owl	red
Western Pond Turtle	red
Southern Red-backed Vole, Occidentalis Ssp	red
Coastal Giant Salamander	red
Peregrine Falcon, Anatum Ssp	red
Sandhill Crane (Georgia Depression Popn)	red
Common Pika, Septentrionalis Ssp	red
American White Pelican	red
Oregon Spotted Frog	red
Caribou (Southern Popn)	red
Common Water Shrew, Brooksii Ssp	red
Spotted Owl	red
Badger	red
Great Blue Heron	blue
Canada Goose	blue
Green Heron	blue
Painted Turtle	blue
Sandhill Crane	blue
Cutthroat Trout	blue
Bighorn Sheep	blue
Dall's Sheep	blue
Red-legged Frog	blue
Bull Trout	blue
Dolly Varden	blue
Barn Owl	blue
Black Bear, Emmonsii Ssp	blue
Grizzly Bear	blue

Source:

- Fraser Basin Council, 2003. *A Snapshot on Sustainability: A State of the Fraser Basin Report*. Vancouver, BC. http://www.fraserbasin.bc.ca/publications/fbc_reports.html
- BC Ministry of Water, Land and Air Protection, 2002. *Environmental Trends in British Columbia 2002*. Victoria, BC. <http://wlapwww.gov.bc.ca/soerpt>
- BC Species and Ecosystems Explorer, 2003. BC Ministry of Sustainable Resource Management and BC Ministry of Water, Land, and Air Protection. <http://srmapps.gov.bc.ca/apps/eswp/>