

IDAHO BATHOLITH ECOREGION

G1 and G2 Species Habitat Management Guidelines



INTRODUCTION

The Sustainable Forestry Initiative® (SFI) [2022 Standards](#) include requirements that promote and conserve Forests with Exceptional Conservation Value (FECV), which includes critically imperiled (G1) and imperiled (G2) species. This fact sheet summarizes the analysis of FECV habitat within this ecoregion and provides habitat management recommendations that would benefit species potentially found here.

HABITAT TYPES

- Forest Edge
- Grassland
- Mixed Conifer Forest
- Riparian or Stream
- Special Sites (Cliff, Grassland)

FOREST EDGE MANAGEMENT

- Protect known locations
- Buffer special sites

MIXED CONIFER FOREST MANAGEMENT

- Protect known locations
- Retain legacy trees, stumps, and logs
- Retain large diameter trees with cavities or broken tops
- Leave skips and gaps with dense shrub component
- Retain large slash into piles

RIPARIAN OR STREAM MANAGEMENT

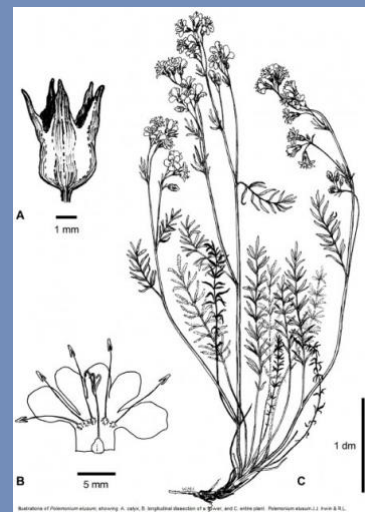
- Protect known locations
- Maintain well vegetated riparian buffers
- Plant a diversity of both hardwood and conifer trees in the riparian zone
- Retain large diameter trees near streams and rivers
- Buffer wetlands, springs, and headwater areas

SPECIAL SITES (CLIFF, GRASSLAND) MANAGEMENT

- Protect known locations
- Buffer special sites



Sacajawea's bitterroot



Elusive Jacob's-ladder



Nimapuna disc

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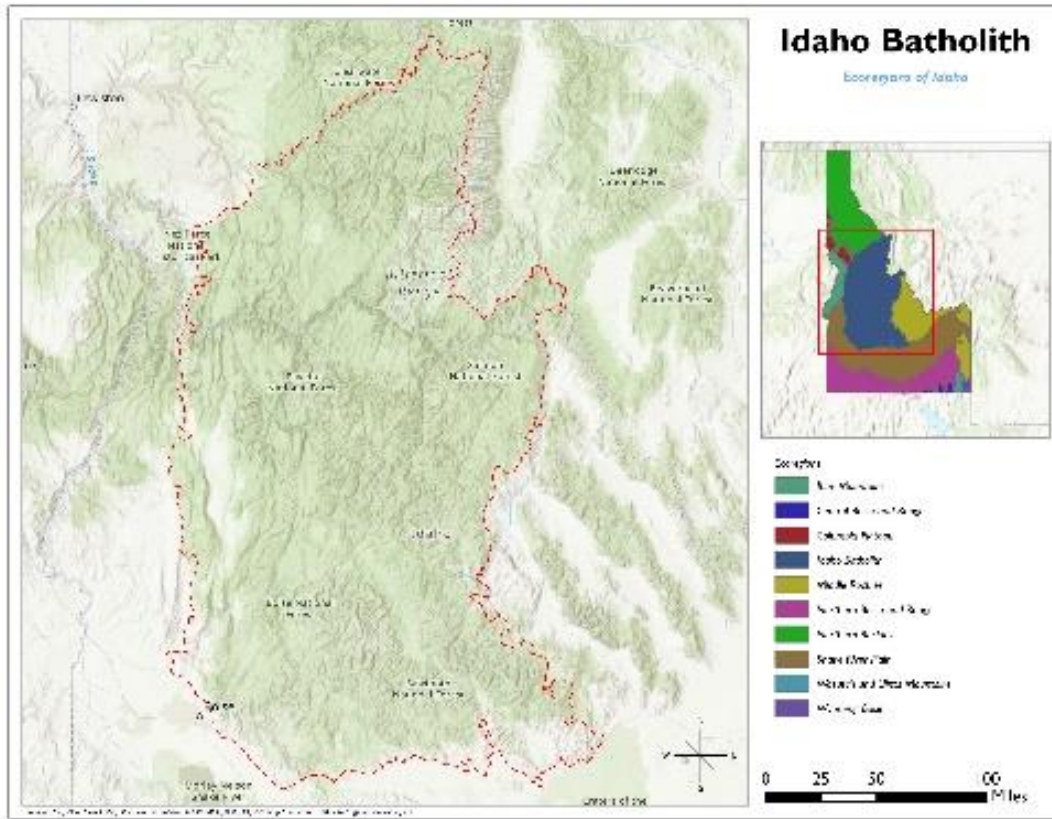
| SCIENTIFIC NAME | COMMON NAME | HABITAT | STATUS |
|----------------------------------|--|-----------------------------|--------|
| <i>Anguispira nimapuna</i> | Nimapuna Disc | Cliff | G1 |
| <i>Melanoplus lemurus</i> | A Spur-throat Grasshopper | Forest Edge | G1G2 |
| <i>Melanoplus lolo</i> | A Spur-throat Grasshopper | Forest Edge | G1G2 |
| <i>Melanoplus papoosense</i> | A Spur-throat Grasshopper | Forest Edge | G1G2 |
| <i>Melanoplus phobeticus</i> | A Spur-throat Grasshopper | Forest Edge | G1G2 |
| <i>Melanoplus pyro</i> | A Spur-throat Grasshopper | Forest Edge | G1G2 |
| <i>Melanoplus sol</i> | A Spur-throat Grasshopper | Forest Edge | G1G2 |
| <i>Melanoplus zeus</i> | A Spur-throat Grasshopper | Forest Edge | G1G2 |
| <i>Isoetes minima</i> | Midget Quillwort | Forest Edge | G1G2 |
| <i>Urocitellus brunneus</i> | Northern Idaho Ground Squirrel | Forest Edge | G2 |
| <i>Silene spaldingii</i> | Spalding's Catchfly | Grassland | G2 |
| <i>Cryptomastix magnidentata</i> | Mission Creek Oregonian | Mixed Conifer Forest | G1 |
| <i>Capnura anas</i> | Duckhead Snowfly | Riparian or Streams | G1 |
| <i>Helisoma newberryi</i> | Great Basin Rams-horn | Riparian or Streams | G1 |
| <i>Carex aboriginum</i> | Indian Valley Sedge | Riparian or Streams | G1 |
| <i>Cryptomastix sanburni</i> | Kingston Oregonian | Riparian or Streams | G1 |
| <i>Branchinecta raptor</i> | Raptor Fairy Shrimp | Riparian or Streams | G1 |
| <i>Ladislavella idahoensis</i> | Shortspire Pondsnaill | Riparian or Streams | G1 |
| <i>Limnephilus challisa</i> | A Caddisfly | Riparian or Streams | G1G2 |
| <i>Trifolium douglasii</i> | Douglas' Clover | Riparian or Streams | G2 |
| <i>Penstemon salmonensis</i> | Salmon River Mountains Penstemon | Cliff/Mixed Conifer Forest | G2 |
| <i>Draba trichocarpa</i> | Stanley Whitlow-grass | Cliff/Mixed Conifer Forest | G2 |
| <i>Polemonium elusum</i> | Elusive Jacob's-ladder | Mixed Conifer Forest | G1 |
| <i>Discus marmorensis</i> | Marbled Disc | Talus/ Mixed Conifer Forest | G1 |
| <i>Eriogonum verrucosum</i> | Graceful Wild Buckwheat | Mixed Conifer Forest | G1G3 |
| <i>Penstemon laxus</i> | Idaho Beardtongue | Mixed Conifer Forest | G2 |
| <i>Lewisia sacajaweana</i> | Sacajawea's bitterroot | Mixed Conifer Forest | G2 |

*Species links provided when available

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