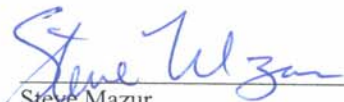


# DOC ENGLISH BLUFF ECOLOGICAL RESERVE

## PURPOSE STATEMENT

July 2003

Approved by:

  
Steve Mazur  
Regional Manager  
Environmental Stewardship Division

Date: 

  
Nancy Wilkin  
Assistant Deputy Minister  
Environmental Stewardship Division

Date: 

**DOC ENGLISH BLUFF ECOLOGICAL RESERVE**  
**Purpose Statement**

**Primary Role**

The **primary** role of Doc English Bluff Ecological Reserve is protect a prominent limestone bluff which provides habitat to a number of rare and endangered vascular plants as well as nesting areas for a number of bird species.

The ecological reserve encompasses a prominent north-south trending ridge on the west side of the Fraser River. The river here is relatively straight and incised over 500 m below the general level of the Interior Plateau. From its sharp crest 335 m above river level, the ridge slopes at about a 30° angle to a saddle at the west boundary, and precipitously to the river on the east. On the river side, the upper two-thirds of the ridge has largely bare, almost vertical cliffs. These are composed of limestone, and feature several unique caves and sink holes dissolved by running water.

<b>Known Management Issues</b>	<b>Response</b>
Popular area for local recreationists has resulted in overuse – impacts on trails, tramping of vegetation, graffiti and vandalism	Posting more signage on the purpose of the area and sensitivity of values. Monitor use using BRIM process.

## CONSERVATION

### Representation

- ecosection
- biogeoclimatic subzone/variant

- ~48 hectares to the well represented Fraser River Basin Ecosection. 13.86% of this ecosection is protected, primarily in Churn Creek Protected Area and Junction Sheep Range Park. Doc English Bluff's contribution is negligible (only 0.15% of overall protected area representation of the ecosection).
- ~48 hectares of BGxw2, of which 18.29% is protected primarily in Churn Creek Protected Area and Junction Sheep Range Park, although Big Creek Ecological Reserve also makes a small contribution (0.13%). Doc English Bluff's contribution is negligible (only 0.17% of overall protected area representation of the this subzone).

### Special Feature

- Large limestone bluff pierced with prominent sinkhole. A number of rare plants and animals utilize this area, including nesting golden eagles and white-throated swifts. A number of rare plants, including ferns and mosses, are also associated with this limestone bluff.

### Rare/Endangered Values

- Carolina Draba (*Draba reptans*) is a red-listed vascular plant listed as G5 globally and S1 provincially (only known location in BC)
  - Five-leaved cinquefoil (*Potentilla nivea var pentaphylla*) is a blue-listed vascular plant, ranked G5T4 globally and S2S3 provincially
  - Gastony's cliff-brake (*Pellaea gastonyi*) is a blue listed vascular plant and ranked G2G4 globally and S2S3 provincially
  - White-throated swift (blue-listed) nesting area, one of few in Canada.

### Scientific/Research Opportunities

- .

## RECREATION

### Representation:

- backcountry  n/a
- destination  n/a
- travel corridor  n/a
- local recreation  Recreation use is occurring, but is being discouraged

### Special Opportunities

-

**Education/Interpretation Opportunities**

**CULTURAL HERITAGE**

**Representation**

**Special Feature**  Nothing noted

**OTHER MANAGEMENT CONSIDERATIONS**

**Other Designations**  n/a

**Relationship to Other PAs**

**Co-operative Management Arrangements**

**Partnerships**  A volunteer ecological reserve warden is in place.

**Vulnerability**  Medium. Some impacts from human use, but not impacting values due to geography.

**Relationship to Other Strategies**  n/a

**Area:** 52 ha

**Date of Establishment:** March 19, 1981