

# Washington Status Factors

**Elcode** NLSM00001  
**Gname** BUELLIA OIDALEA  
**Gcomname**

## Number of Occurrences

A = 1 - 5

**Comments** 3 occurrences.

## Number of Occurrences with Good Viability

U = Unknown what number of occurrences with good viability

**Comments**

## Population Size

A = 1-50 individuals

**Comments**

## Range Extent

D = 1,000-5,000 km<sup>2</sup> (about 400-2,000 square miles)

**Comments** Southern WA to southern Baja California, along the coast and on islands (Nordin 1999). Range in WA is about 120 square miles, including one questionable reported site in the Olympic Mountains.

## Area of Occupancy

C = 4-20 km<sup>2</sup> (about 1,000-5,000 acres)

LC = 40-200 km (about 25-125 miles)

**Comments** About 3 square miles in WA, including one questionable reported site in the Olympic Mountains.

## Long-term Trend in Population Size, Extent of Occurrence, Area of Occupancy, and/or Number or Condition of Occurrences

U = Unknown. Long-term trend in population, range, area occupied, or number or condition of occurrences unknown

**Comments**

## Short-term Trend in Population Size, Extent of Occurrence, Area of Occupancy, and/or Number or Condition of Occurrences

U = Unknown. Short-term trend in population, range, area occupied, and number and condition of occurrences unknown.

**Comments**

## Threats

U = Unknown. The available information is not sufficient to assign degree of threat as above. (Severity, scope, and immediacy are all unknown, or mostly [two of three] unknown or not assessed [null].)

Scope Unknown Severity Unknown Immediacy Unknown

Comments Not enough is known about the species yet.

## Number of Appropriately Protected and Managed Occurrences

B = Few (1-3) occurrences appropriately protected and managed

Comments WA has 1 protected site.

## Intrinsic Vulnerability

C = Not Intrinsically Vulnerable. Species matures quickly, reproduces frequently, and/or has high fecundity such that populations recover quickly (< 5 years or 2 generations) from decreases in abundance; or species has high dispersal capability such that extirpated populations soon become reestablished through natural recolonization (unaided by humans). Ecological community occurrences are resilient or resistant to irreversible changes in composition and structure and quickly recover (within 10 years).

Comments

## Environmental Specificity

A = Very Narrow. Specialist or community with key requirements scarce.

Comments Small distribution; probably narrowly specific to coastal environments.

## Other Considerations

**Edition** 2/20/2003 **Edauthor** Daphne Stone

**Grank** S1 **Grank Date** 11/30/2002

## Reasons

Known from only 2 or 3 sites in WA. The species is apparently restricted to a narrow Pacific coastal environment.

## BCD Sources

## New Sources

Nordin A. 1999. Buellia species with pluriseptate spores. New and Unrecorded species in North America. Bryologist 102(2): 249-264.

Glavich, D, Geiser LH, and Mikulun A. 2002 unpubl. Assessment of the old-growth forest association and habitat requirements of federally listed coastal lichens from northern California, Oregon and Washington, USA. USDA-Forest Service