

# Oregon Status Factors

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

## Number of Occurrences

A = 1 - 5  
B = 6 - 20

Comments

## Number of Occurrences with Good Viability

Comments

## Population Size

Comments

## Range Extent

**Comments** Southern WA to southern Baja California, along the coast and on islands (Nordin 1999). Range with reported inland sites is about 39,000 square km; without inland sites it's about 40 square km.

## Area of Occupancy

B = 0.4-4 km<sup>2</sup> (about 100-1,000 acres)  
C = 4-20 km<sup>2</sup> (about 1,000-5,000 acres)

LB = 4-40 km (about 2.5-25 miles)  
LC = 40-200 km (about 25-125 miles)

**Comments** 5 square miles in OR including inland sites; 2 square miles without inland sites.

## 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

A = None. No occurrences appropriately protected and managed

Comments OR has no protected sites.

### 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

ORNHIC - List 3.

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

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

### Reasons

Probably only 2 valid sites are known in Oregon. 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