

Heritage Ranking Form - State Rank

Scientific Name: *Plebejus saepiolus littoralis*

Common Name: Coastal greenish blue

Classification: Invertebrate Animal

Range Extent: D = 1,000-5,000 sq km (~400-2,000 sq mi)

Comments: Hull = 2686 sq km

Area of Occupancy: D = 6-25 4-km² grid cells

Comments: 8 4-km² grid cells

Number of Occurrences: A = 1 - 5

Comments: 2 extant EOs per Dana Ross, 2009. Cape Blanco and Bullards Beach State Parks.

Population Size: D = 1,000 - 2,500 individuals

Comments: Total population estimated to be 1025 individuals

Good Viability: B = Very few (1-3) occurrences with excellent or good viability or ecological integrity

Comments: Both populations viable IF habitat is maintained. Populations are small.

Environmental Specificity:

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

Comments: Requires springbank clover along coastal dunes and hillsides.

Short Term Trends: EF = Decline of 10 - 50%

Comments: None

Long Term Trends: U = Unknown

Comments: None

Threat Impact: B = High

Comments: Habitat threatened by extensive invasion by exotics.

**Intrinsic
Vulnerability:** Not Evaluated

Comments: None

Heritage Rank: S1

Comments: Taxon threatened by habitat loss due to invasive exotics: European beachgrass, gorse, Scotch broom. Shorepines also a problem.

Rank Notes: Calculator Rank (unrevised)=S2. Only 2 extant Eos. Even if more are found, number likely to remain below 5. Range extent & Area of occupancy on very low end of range.

Reference or Notes: Negative surveys at: New River ACEC and North Spit ACEC (2006), along south and central coast (2007), Rock Creek/Tenmile Creek and Lower Sutton Ck (Lane Co.) and Cape Ferrello & Ophir Rest Area (Curry Co) (2009). Ross, D. 2009. 2009 Population estimates and general surveys for coastal greenish blue (*Plebejus saepiolus littoralis*) in Oregon. Unpublished report for Xerces Society and USFWS. 19pp.

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