

Heritage Ranking Form - State Rank

Scientific Name: *Cicindela hirticollis siuslawensis*
Common Name: Siuslaw Hairy-necked Tiger Beetle
Classification: Invertebrate Animal

Heritage Rank: **S1S2**

Rank Date: 6/14/2013

Comments: Limited range, population declining. Sensitive to burrow compaction in areas used by humans. However, potential taxonomic questions; possibly not distinct from couleensis (per LaBaonte).

Range Extent: C = 250-1,000 sq km (~100-400 sq mi)

Comments: Approx 442 sq km

Population Size: Not assessed

Comments: None

Number of Occurrences: 0

Comments: 10 extant EOs per Xerces 2009 surveys.

Area of Occupancy: E = 26-125 4-km² grid cells

Comments: 81 4 sq km grid cells

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

Comments: Only New River population has large numbers of individuals.

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: E = Decline of 30 - 50%

Comments: Fewer than half of historic/expected sites populated.

Long Term Trends: U = Unknown

Comments: None

Threat Impact: BC = High - Medium

Comments:
ATV use, foot traffic, invasive plants

Intrinsic Vulnerability: Not Evaluated

Comments: None

Rank Notes: None

References: James LaBonte, Oregon Department of Agriculture, pers comm. Mazzacano, C., S. Jepsen, and S.H. Black. 2009. Project completion report: Surveys to determine the status of two rare insect species on the Oregon Coast: the Siulsaw hairy-necked tiger beetle (*Cicindela hirticollis siuslawensis*) and the Oregon plant bug (*Lygus oregonae*). | ORBIC PODS database| Mazzacano, C. S. Jepsen, S. H. Black. 2010. Surveys to determine habitat utilization by the rare Siuslaw hairy-necked tiger beetle (Coleoptera: Cicindelidae: *Cicindela hirticollis siuslawensis* Graves, Krejci, and Graves, 1988) at extant sites on BLM and FS lands on the Oregon coast. Project completion report to the Interagency Special Status/Sensitive Species Program (ISSSSP) Financial Assistance Agreement No. L08AC13768 - Modification 4. <http://www.fs.fed.us/r6/sfpnw/issssp/documents/inventories/inv-rpt-iico-cihisi-habitat-utilization-Xerces-2010.pdf> |

Rank Author: Gaines, Eleanor

Oregon Biodiversity Information Center, Institute for Natural Resources
Portland State University www.orbic.pdx.edu
Mail Stop: INR, PO Box 751 www.pdx.edu/inr
Portland, OR 97207-0751 503-725-9950