

# Heritage Ranking Form - Global Rank

**Scientific Name:** Sedum moranii

**Common Name:** Rogue River Stonecrop

**Classification:** Vascular Plant

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

Endemic to southwestern Oregon (Meinke 1982). Range is 590 km<sup>2</sup>, calculated with convex hull for all known populations.

**Population Size:** F = 10,000 - 100,000 individuals

Comments: Estimated 9970 individuals reported plus several populations where individuals were not reported: sum of these is greater than 10,000.

**Number of Occurrences:** B = 6 - 20

Comments: 20 extant records using 1 km separation distance.

**Area of Occupancy:** E = 26-125 4-km<sup>2</sup> grid cells

Comments: 28 4km<sup>2</sup> grid cells occupied. BLM sighting reports speculate that more populations will be found if all suitable habitat is surveyed.

**Good Viability:** C = Few (4-12) occurrences with excellent or good viability or ecological integrity

Comments: 8 populations with good or excellent viability.

**Environmental Specificity:** B = Narrow. Specialist or community with key requirements common

Comments: Open, dry serpentine or volcanic outcrops and cliffs on west or south-west aspects at 180-830 m elevation in Josephine County, mainly along the Rogue River.

**Short Term Trends:** U = Unknown

Comments: Very few revisits with which to judge trends.

**Long Term Trends:** U = Unknown

Comments: Very few revisits with which to judge trends.

**Threat Impact:** BC = High - Medium

Comments: Threatened by horticultural collecting, recreational use, trail maintenance, and flooding (Meinke 1982). Some evidence of browsing (BLM 2000). May be threatened by nearby mining, logging, road activities, motorcycle or ATV paths (BLM sighting reports). Only a few EOs document any risk (collection, browsing, possible logging, mining, or fire). Not vulnerable/presumed stable with regards to climate change.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Heritage Rank:** G2

Comments: 20 extant populations, limited to serpentine or volcanic cliffs in Josephine County, mainly along the Rogue River and surrounding forest lands. More populations are likely to be found if all suitable habitat is surveyed (BLM). Many threats are known to exist in its range, but it is unclear how many populations are directly under threat. Only a few populations have noted loss due to collecting or browsing, or possible threats due to logging, mining, or fire. Documented range is significantly larger than when this species was last ranked in 2003.

Rank Notes: Calculator Rank (unrevised)=G2G3. Consensus from 2012 botany meeting was to rank this as G2

Reference: None

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