

***Ivesia arizonica*** (Eastwood ex J. T. Howell) Ertter **var. *saxosa*** (Brandegee [1899]) Ertter

**ROCK PURPUSIA**

**FAMILY:** *Rosaceae*, the rose family.

**SYNONYMS:** *Purpusia saxosa*  
*Potentilla osterhoutii* var. *saxosa*

**STATUS:**

**Heritage Program SENSITIVE LIST, ranks: G3G4 T1 S1**

**USFWS/ESA:** none. **STATE OF NEVADA:** none. **BLM:** Special Status Species. **USFS:** none. **NNNPS:** watch list.

**POPULATION CENSUS:** 5 occurrences mapped; total estimated individuals 403+, total estimated area unknown.

**TREND:** unknown.

**IMPACTS AND MAJOR THREATS:** No summary available (see references).

**INVENTORY EFFORT:** Not yet systematically surveyed. Most recent entered survey 1968, average year of last survey 1962. **Years since last entered survey** (percent of mapped records at various survey ages): **31-50 yrs:** 80%; **51+ yrs or unknown:** 20%.

**LAND MANAGEMENT** in decreasing predominance: U. S. Department of Defense, U. S. Department of Energy, U. S. Bureau of Land Management.

**RANGE:** Lincoln and Nye counties, Nevada. Endemic to Nevada. Maximum **range dimension 40.5 km (25.2 mi)** excluding most disjunct record. **Type specimen** collected in Lincoln County.

**ELEVATIONS RECORDED:** 4925-6800 feet (1501-2073 meters).

**HABITAT:** Crevices of cliffs and boulders on volcanic and possibly carbonate rocks in the upper mixed-shrub, sagebrush, and pinyon-juniper zones.

**PHENOLOGY:** flowering late-spring to summer. Range of most frequent **survey months:** June-July.

**LIFE-FORM AND HABIT:** perennial herb.

**DESCRIPTION:** Distinguished from var. *arizonica* by the white petals and deeper, turbinate hypanthium.

**PHOTOGRAPHS:** none known.

**ILLUSTRATIONS:** Cronquist et al. (1997).

**OTHER GENERAL REFERENCES** (listed separately): Beatley (1976).

**SPECIFIC REFERENCES:**

Brandegee, T. S. 1899. New species of western plants. *Botanical Gazette* 27: 444-457.

Ertter, B. 1989. Revisionary studies in *Ivesia* (Rosaceae: Potentilleae). *Systematic Botany* 14: 231-244.

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