

***Eriogonum ovalifolium* Nuttall var. *caelestinum* Reveal (1972) HEAVENLY BUCKWHEAT**

**FAMILY:** *Polygonaceae*, the buckwheat family.

**STATUS:** **Heritage Program WATCH LIST, ranks: G5 T2T3 S2S3**

**USFWS/ESA:** none. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** none. **NNNPS:** none.

**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 1980, average year of last survey 1975. **Years since last entered survey** (percent of mapped records at various survey ages): **21-30 yrs:** 80%; **31-50 yrs:** 20%.

**LAND MANAGEMENT** in decreasing predominance: Humboldt-Toiyabe National Forest, designated wilderness.

**RANGE:** Lander (?) and Nye counties, Nevada. **Nevada endemic.** Maximum **range dimension 49.8 km (30.9 mi)** excluding most disjunct record. **Type specimen** collected in Nye County.

**ELEVATIONS RECORDED:** 10000-11700 feet (3048-3566 meters).

**HABITAT:** Shallow rocky, gravelly, and sandy soils in exposed crest areas in the upper subalpine and alpine zones.

**PHENOLOGY:** flowering summer. Range of most frequent **survey months:** July-August.

**LIFE-FORM AND HABIT:** small long-lived perennial cushion.

**DESCRIPTION:** not available (see references).

**PHOTOGRAPHS:** Nevada Natural Heritage Program images web page (1998-present).

**ILLUSTRATIONS:** none known.

**OTHER GENERAL REFERENCES** (listed separately): Reveal (1985).

**SPECIFIC REFERENCES:**

Goodrich, S. 1979. Status report on *Mertensia toyabensis*. Portland, Oregon: U. S. Fish and Wildlife Service.

Reveal, J. L. 1972. Five new varieties of *Eriogonum* (*Polygonaceae*). *Great Basin Naturalist* 32: 113-116.

**OF FURTHER INTEREST:** Appears to intergrade with var. *ovalifolium* on Mount Callaghan in the northern Toiyabe Range.

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