

Epilobium nevadense Munz**NEVADA WILLOWHERB**

FAMILY: *Onagraceae*, the evening-primrose family.

STATUS: **Heritage Program SENSITIVE LIST, ranks: G2 S2**

USFWS/ESA: species of concern. **STATE OF NEVADA:** none. **BLM:** Special Status Species in Nevada.

USFS: Humboldt-Toiyabe NF Sensitive Species. **NNNPS:** watch list.

POPULATION CENSUS (NEVADA): **7 occurrences mapped;** total estimated **individuals 111+**, total estimated **area 14.1+ ha (34.8+ ac)**. **TREND:** unknown.

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

INVENTORY EFFORT (NEVADA): Systematic surveys have been conducted in Nevada, but more potential habitat likely remains to be examined. Most recent entered survey 1996, average year of last survey 1983.

Years since last entered survey (percent of mapped records at various survey ages): **0-5 yrs:** 14.3%; **6-10 yrs:** 42.9%; **11-20 yrs:** 14.3%; **21-30 yrs:** 14.3%; **51+ yrs or unknown:** 14.3%.

LAND MANAGEMENT (NEVADA) in decreasing predominance: Humboldt-Toiyabe National Forest, U. S. Bureau of Land Management, private lands (?), designated wilderness (?).

RANGE: Clark, Eureka, and Lincoln counties, Nevada; also in UT. Maximum Nevada **range dimension 172.4 km (107.1 mi)** excluding most disjunct record.

ELEVATIONS RECORDED (NEVADA): 6000-8930 feet (1829-2722 meters).

HABITAT (not yet reviewed for Nevada): "Slopes with limestone outcrops or talus at 1560-2800 m elevation. Associated with singleleaf pinyon (*Pinus monophylla*), and ponderosa pine (*P. ponderosa*)."

PHENOLOGY: no summary available. Range of most frequent **survey months:** June-August.

DESCRIPTION: A shrubby perennial herb, 1.5-4 dm tall, that produces several pink-purple flowers from July-September.

PHOTOGRAPHS: Atwood et al. (1991), Weixelman and Atwood (1990); Nevada Natural Heritage Program files.

ILLUSTRATIONS: Atwood et al. (1991), Cronquist et al. (1997), Mozingo and Williams (1980), Weixelman and Atwood (1990).

OTHER GENERAL REFERENCES (listed separately): Clokey (1951), Welsh et al. (1993).
