

***Arctomecon merriamii*** Coville**WHITE BEARPOPPY**

**FAMILY:** *Papaveraceae*, the poppy family.

**STATUS:** **Heritage Program SENSITIVE LIST, ranks: G3 S3**

**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):** **71 occurrences mapped** at 1.0 km (0.6 mi) separation, **OR 129 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals 20,000+**, total estimated **area 394+ ha (974+ ac)**.

**TREND:** DECLINING.

**IMPACTS AND MAJOR THREATS (NEVADA):** In localized portions of range.

**INVENTORY EFFORT (NEVADA):** Systematic surveys have been extensive but likely remain incomplete in Nevada.

Most recent entered survey 1998, average year of last survey 1985. **Years since last entered survey** (percent of mapped records at various survey ages): **0-5 yrs:** 2.1%; **6-10 yrs:** 73%; **11-20 yrs:** 2.8%; **21-30 yrs:** 9.9%; **31-50 yrs:** 5%; **51+ yrs or unknown:** 7.1%.

**LAND MANAGEMENT (NEVADA)** in decreasing predominance: U. S. Fish and Wildlife Service, U. S. Department of Defense, U. S. Bureau of Land Management, U. S. Department of Energy, private lands, National Park Service.

**RANGE:** Clark, Lincoln, and Nye counties, Nevada; also in CA. Maximum Nevada **range dimension 145.3 km (90.3 mi)** excluding most disjunct record.

**ELEVATIONS RECORDED (NEVADA):** 2000-6280 feet (610-1914 meters).

**HABITAT (NEVADA):** On a wide variety of dry to sometimes moist basic soils, including alkaline clay and sand, gypsum, calcareous alluvial gravels, and carbonate rock outcrops.

**PHENOLOGY:** flowering spring. Range of most frequent **survey months:** April-July.

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

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

**PHOTOGRAPHS:** Blomquist et al. (1995), Knight and Smith (1994), Knight et al. (1997); Nevada Natural Heritage Program images web page (1998-present), slide collection (1986-present), and files.

**ILLUSTRATIONS:** Mozingo and Williams (1980).

**OTHER GENERAL REFERENCES** (listed separately): Beatley (1976), Beatley (1977), Clokey (1951), Cochrane (1979), Flora of North America editorial Committee (1997), Hickman (1993), Niles et al. (1998), Rhoads and Williams (1977).

**SPECIFIC REFERENCES:**

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Dames and Moore. 1994. Herpetological study in the Indian Springs Valley and Three Lakes Valley, Nellis Air Force Range. Las Vegas, Nevada. Report No. RKME 94-6028.

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