

***Lesquerella hitchcockii*** Munz (1929)**HITCHCOCK BLADDERPOD**

**FAMILY:** *Brassicaceae*, the mustard family.

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

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

**POPULATION CENSUS:** **29 occurrences mapped** at 1.0 km (0.6 mi) separation, **OR 42 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals unknown**, total estimated **area unknown**. **TREND:** unknown.

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

**INVENTORY EFFORT:** Some targeted surveys have been conducted mainly in the Spring and Sheep ranges, but remain very incomplete. Most recent entered survey 1999, average year of last survey 1982.

**Years since last entered survey** (percent of mapped records at various survey ages): **0-5 yrs:** 9.5%; **6-10 yrs:** 45.2%; **11-20 yrs:** 2.4%; **21-30 yrs:** 26.2%; **31-50 yrs:** 4.8%; **51+ yrs or unknown:** 11.9%.

**LAND MANAGEMENT** in decreasing predominance: Humboldt-Toiyabe National Forest, U. S. Fish and Wildlife Service, designated wilderness, U. S. Bureau of Land Management (?), private lands (?), U. S. Department of Defense (?).

**RANGE:** Clark, Nye, and White Pine counties, Nevada. **Nevada endemic.** Maximum **range dimension 338.3 km (210.2 mi)** excluding most disjunct record. **Type specimen** collected in Clark County.

**ELEVATIONS RECORDED:** 7000-11710 feet (2134-3569 meters).

**HABITAT:** Dry gravelly carbonate soils, scree, talus, and outcrops on knolls, flats, and slopes in the lower alpine, subalpine conifer, subalpine sagebrush, montane conifer, and upper pinyon-juniper zones.

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

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

**DESCRIPTION:** A small, perennial herb with flowering stems 1-1.5 cm long, producing yellow flowers June-August. Some populations form large, spreading mats; others have more compact habits.

**PHOTOGRAPHS:** none known.

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

**OTHER GENERAL REFERENCES** (listed separately): Ackerman (1981), Clokey (1951), Nachlinger (1994), Niles et al. (1999), Rollins (1993).

**SPECIFIC REFERENCES:**

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Munz, P. A. 1929. New plants from Nevada. *Bulletin of the Torrey Botanical Club* 56: 163-167.

Reveal, J. L. 1970. Comments on *Lesquerella hitchcockii*. *Great Basin Naturalist* 30: 94-98.

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