

***Astragalus oophorus* S. Watson var. *lavinii* Barneby (1984)****LAVIN EGGVETCH**

**FAMILY:** *Fabaceae*, the legume family.

**STATUS:** **Heritage Program SENSITIVE LIST, ranks: G4 T2 S2**

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

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

**POPULATION CENSUS (NEVADA):** **8 occurrences mapped** at 1.0 km (0.6 mi) separation, OR **12 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals 5325+**, total estimated **area 37.9+ ha (93.7+ ac)**.

**TREND:** unknown.

**IMPACTS AND MAJOR THREATS (NEVADA):** Mineral exploration and development, road construction and maintenance, rangeland treatment of pinyon-juniper-sagebrush communities.

**INVENTORY EFFORT (NEVADA):** Targeted surveys have been conducted in Nevada but remain substantially incomplete. Most recent entered survey 1996, average year of last survey 1989.

**Years since last entered survey** (percent of mapped records at various survey ages): **0-5 yrs:** 41.7%; **6-10 yrs:** 8.3%; **11-20 yrs:** 41.7%; **21-30 yrs:** 8.3%.

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

**RANGE:** Douglas, Lyon, and Mineral (?) counties, Nevada; also in CA. Maximum Nevada **range dimension 63.8 km (39.6 mi)** excluding most disjunct record. **Type specimen** collected in Douglas County.

**ELEVATIONS RECORDED (NEVADA):** 5700-7467 feet (1737-2276 meters).

**HABITAT (NEVADA):** Open, dry, relatively barren gravelly clay slopes, knolls, badlands, or outcrops, derived from volcanic ash or carbonate, usually on northeast to southeast aspects, in openings in the pinyon-juniper or sagebrush zones.

**PHENOLOGY:** flowering late-spring. Range of most frequent **survey months:** May-June.

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

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

**PHOTOGRAPHS:** Weixelman and Atwood (1990).

**ILLUSTRATIONS:** Barneby (1989), Weixelman and Atwood (1990).

**OTHER GENERAL REFERENCES** (listed separately): Hickman (1993), Spahr et al. (1991).

**SPECIFIC REFERENCES:**

Barneby, R. C. 1984. *Dragma hippomanicum* X: *Astragali* (Leguminosae) nevadenses novi criticive, singulo peruviano adjecto. *Brittonia* 36: 167-173.

Lavin, M. 1981. The floristics of the headwaters of the Walker River, California and Nevada. Reno: University of Nevada, M. S. Thesis.

---