

Astragalus gilmanii Tidestrom**GILMAN MILKVETCH**

FAMILY: *Fabaceae*, the legume family.

STATUS: **Heritage Program SENSITIVE LIST, ranks: G3 S1**

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

USFS: none. **NNNPS:** watch list.

POPULATION CENSUS (NEVADA): **3 occurrences mapped;** total estimated **individuals 52+**, total estimated **area unknown.** **TREND:** unknown.

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

INVENTORY EFFORT (NEVADA): Not yet systematically surveyed in Nevada. Most recent entered survey 1985, average year of last survey 1985. **Years since last entered survey** (percent of mapped records at various survey ages): **11-20 yrs:** 100%.

LAND MANAGEMENT (NEVADA) in decreasing predominance: U. S. Department of Defense, U. S. Department of Energy (?).

RANGE: Lincoln County, Nevada; also in CA. Maximum Nevada **range dimension 16.7 km (10.4 mi).**

ELEVATIONS RECORDED (NEVADA): 5383-6000 feet (1641-1829 meters).

HABITAT (NEVADA): On light-colored volcanic tuff slopes in pinyon-juniper woodland.

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

LIFE-FORM AND HABIT: annual.

DESCRIPTION: not available (see references).

PHOTOGRAPHS: Knight and Smith (1996), Knight et al. (1997).

ILLUSTRATIONS: Barneby (1989).

OTHER GENERAL REFERENCES (listed separately): Barneby (1964), Hickman (1993).

SPECIFIC REFERENCES:

Marrs-Smith, G. and J. Nachlinger. 1987. Noteworthy collections. *Madroño* 34: 382-383.

Nellis Air Force Base. 1985. Draft environmental impact statement on the Groom Range, Lincoln County, NV. Las Vegas: prepared for the Bureau of Land Management.
