

Astragalus convallarius E. Greene **var. *margaretiae*** Barneby (1984)

MARGARET RUSHY MILKVETCH

FAMILY: *Fabaceae*, the legume family.

STATUS: **Heritage Program SENSITIVE LIST, ranks: G5 T2 S2**
USFWS/ESA: none. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** none. **NNNPS:** none.

POPULATION CENSUS: **8 occurrences mapped;** total estimated **individuals unknown**, total estimated **area unknown**.
TREND: unknown.

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

INVENTORY EFFORT: Not yet systematically surveyed. Most recent entered survey 1989, average year of last survey 1983. **Years since last entered survey** (percent of mapped records at various survey ages): **11-20 yrs:** 87.5%; **21-30 yrs:** 12.5%.

LAND MANAGEMENT: U. S. Bureau of Land Management.

RANGE: Carson City, Douglas, Lyon, and Storey counties, Nevada. Apparently endemic to the Pine Nut and Virginia ranges. Maximum **range dimension 48.2 km (30.0 mi)** excluding most disjunct record. **Type specimen** collected in Lyon County.

ELEVATIONS RECORDED: 4700-7800 feet (1433-2377 meters).

HABITAT: Rocky slopes and flats among sagebrush in the pinyon-juniper and sagebrush zones.

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

LIFE-FORM AND HABIT: perennial herb from a buried root crown.

DESCRIPTION: not available (see references).

PHOTOGRAPHS: none known.

ILLUSTRATIONS: Barneby (1989).

SPECIFIC REFERENCES:

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