

Astragalus nyensis Barneby**NYE MILKVETCH**

FAMILY: *Fabaceae*, the legume family.

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

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

POPULATION CENSUS: 24 extant and 2 extirpated occurrences mapped; total estimated individuals 1126+, total estimated area 171+ ha (423+ ac). **TREND:** DECLINING.

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

INVENTORY EFFORT: Some targeted surveys have been conducted, but are old and remain incomplete. Most recent entered survey 1988, average year of last survey 1973. **Years since last entered survey** (percent of mapped records at various survey ages): **11-20 yrs:** 11.5%; **21-30 yrs:** 76.9%; **51+ yrs or unknown:** 11.5%.

LAND MANAGEMENT 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, Nevada state lands (?), National Park Service (?).

RANGE: Clark, Lincoln, and Nye counties, Nevada. **Nevada endemic.** Maximum range dimension 158.0 km (98.2 mi) excluding most disjunct record.

ELEVATIONS RECORDED: 1100-5600 feet (335-1707 meters).

HABITAT: Foothills of desert mountains, calcareous outwash fans and gravelly flats, sometimes in sandy soil. Associated plants are *Larrea tridentata*, *Ambrosia dumosa*, *Oryzopsis hymenoides*, *Hymenoclea salsola*, *Coleogyne ramosissima*, *Hilaria rigida*, *Krameria parvifolia*, *Astragalus geyeri* var. *triquetrus*, etc.

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

LIFE-FORM AND HABIT: annual.

DESCRIPTION: Herbaceous annual; one to four whitish flowers with the upper petal faintly lilac-tinted (Mozingo and Williams 1980).

PHOTOGRAPHS: Nevada Natural Heritage Program slide collection (1986-present) and files.

ILLUSTRATIONS: Mozingo and Williams (1980).

OTHER GENERAL REFERENCES (listed separately): Ackerman (1981), Barneby (1964), Beatley (1976), Cochrane (1979), Isely (1998).

SPECIFIC REFERENCES:

Woodbury, K. 1980. Status report for *Astragalus nyensis*. Portland, Oregon: U. S. Fish and Wildlife Service.
