

Astragalus pterocarpus S. Watson**WINGED MILKVETCH**

FAMILY: *Fabaceae*, the legume family.

STATUS: **Heritage Program WATCH LIST, ranks: G3 S3**
USFWS/ESA: none. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** none. **NNNPS:** none.

POPULATION CENSUS: 16 occurrences mapped; total estimated individuals 265+, 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 1984, average year of last survey 1967. **Years since last entered survey** (percent of mapped records at various survey ages): **11-20 yrs:** 37.5%; **21-30 yrs:** 25%; **31-50 yrs:** 18.8%; **51+ yrs or unknown:** 18.8%.

LAND MANAGEMENT in decreasing predominance: U. S. Bureau of Land Management, U. S. Bureau of Reclamation.

RANGE: Churchill, Humboldt, Lander, and Pershing counties, Nevada. **Nevada endemic.** Maximum **range dimension 194.7 km (121.0 mi)** excluding most disjunct record.

ELEVATIONS RECORDED: 4000-4900 feet (1219-1494 meters).

HABITAT: Light-colored, alkaline, often seasonally moist sandy silt or clay soils of saltgrass meadows, shrubby bottomlands, and low knolls, often in washes or gullies, in the shadscale and lower sagebrush zones with *Elymus cinereus*, *Artemisia spinescens*, *A. tridentata*, *Sitanion hystrix*, *Sarcobatus vermiculatus*, *Sphaeralcea grossulariaefolia*, *Tetradymia glabrata*, *Distichlis spicata* var. *stricta*, *Suaeda moquini*, *Thelypodium sagittatum*, etc. Dependent on wetland margin areas.

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

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

DESCRIPTION: A perennial herb with silvery pubescent leaflets, purplish flowers, and winged pods (Mozingo and Williams 1980).

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

ILLUSTRATIONS: Barneby (1989), Mozingo and Williams (1980).

OTHER GENERAL REFERENCES (listed separately): Barneby (1964), Isely (1998).

SPECIFIC REFERENCES:

Holmgren, A. H., L. M. Shultz and J. S. Shultz. 1977. Herbarium search and literature review: survey of proposed sensitive species in Humboldt and Pershing Counties. Logan: Utah State University, Intermountain Herbarium.
