

Astragalus lentiginosus Douglas ex Hooker **var. sesquimetalis** (Rydberg) Barneby**SODAVILLE MILKVETCH****FAMILY:** *Fabaceae*, the legume family.**SYNONYMS:** *Cystium sesquimetricale***STATUS:****Heritage Program SENSITIVE LIST, ranks: G5 T1 S1****USFWS/ESA:** species of concern, formerly CANDIDATE or PROPOSED. **STATE OF NEVADA:** FULLY PROTECTED. **BLM:** Special Status Species in Nevada. **USFS:** none. **NNNPS:** THREATENED.**POPULATION CENSUS (NEVADA):** 2 occurrences mapped; total estimated individuals 700, total estimated area 10.1 ha (25.0 ac). **TREND:** unknown.**IMPACTS AND MAJOR THREATS (NEVADA):** Private or commercial habitat development, dredging and other water diversions, animal grazing and trampling, off-road vehicle use, competition with invasive weeds, small population numbers and area, impacts to pollinator populations.**INVENTORY EFFORT (NEVADA):** Nearly exhaustive surveys of potential habitat have revealed only the two known Nevada populations. Most recent entered survey 1992, average year of last survey 1992.**Years since last entered survey** (percent of mapped records at various survey ages): **6-10 yrs:** 100%.**LAND MANAGEMENT (NEVADA):** private lands.**RANGE:** Mineral and Nye counties, Nevada; also in CA. Maximum Nevada **range dimension 65.5 km (40.7 mi)**.**ELEVATIONS RECORDED (NEVADA):** 4150-4705 feet (1265-1434 meters).**HABITAT (NEVADA):** Moist, open, alkaline hummocks and drainages near cool springs with *Distichlis spicata*, *Sarcobatus vermiculatus*, *Sporobolus airoides*, etc. Aquatic or wetland-dependent in Nevada.**PHENOLOGY:** flowering spring. Range of most frequent **survey months:** June-September.**LIFE-FORM AND HABIT:** perennial herb.**DESCRIPTION:** not available (see references).**PHOTOGRAPHS:** Morefield (1993); Nevada Natural Heritage Program images web page (1998-present), slide collection (1986-present), and files.**ILLUSTRATIONS:** Barneby (1989), Mozingo and Williams (1980).**OTHER GENERAL REFERENCES** (listed separately): Barneby (1964), Hickman (1993).**SPECIFIC REFERENCES:**Barneby, R. C. 1977. *Dragma hippomanicum* III: Novitates californicae. *Brittonia* 29: 376-381.Freeman, J. and J. L. Mahoney. 1977. Geothermal areas in Nevada. *Mentzelia* 3: 8-14.Morefield, J. D. 1993. Status report for *Astragalus lentiginosus* var. *sesquimetalis* (Rydberg) Barneby. Carson City: Nevada Natural Heritage Program, prepared for the U. S. Fish and Wildlife Service, Reno.U. S. Fish and Wildlife Service. 1992. Proposed rule for seven desert milk-vetch taxa from California and Nevada. *Federal Register* 57(90): 19844-19851.U. S. Fish and Wildlife Service. 1998. Endangered and threatened wildlife and plants: withdrawal of proposed rule to list the plants *Astragalus lentiginosus* var. *micans* (shining milk-vetch) and *Astragalus lentiginosus* var. *sesquimetalis* (Sodaville milk-vetch) as threatened. *Federal Register* 63(193): 53631-53635.Williams, M. 1978. Status report on *Astragalus lentiginosus* var. *sesquimetalis*. Portland, Oregon: U. S. Fish and Wildlife Service.