

Mentzelia candelariae H. J. Thompson & Prigge (1984)**CANDELARIA BLAZING-STAR****FAMILY:** *Loasaceae*, the stick-leaf family.**SYNONYMS:** *Mentzelia oreophila* (?)**STATUS:****Heritage Program WATCH LIST, ranks: G3?Q S3?**

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

POPULATION CENSUS: 19 occurrences mapped; total estimated individuals unknown, total estimated area unknown.**TREND:** unknown.**IMPACTS AND MAJOR THREATS:** No summary available (see references).**INVENTORY EFFORT:** Systematic surveys have not been conducted. Most recent entered survey 1988, average year of last survey 1977. **Years since last entered survey** (percent of mapped records at various survey ages): **11-20 yrs:** 57.9%; **21-30 yrs:** 31.6%; **31-50 yrs:** 5.3%; **51+ yrs or unknown:** 5.3%.**LAND MANAGEMENT** in decreasing predominance: U. S. Bureau of Land Management, Native American lands, private lands.**RANGE:** Churchill, Esmeralda, Mineral, Nye, and Pershing counties, Nevada. **Nevada endemic.** Maximum **range dimension 250.4 km (155.6 mi)** excluding most disjunct record. **Type specimen** collected in Mineral County.**ELEVATIONS RECORDED:** 3800-6700 feet (1158-2042 meters).**HABITAT:** Barren, often calcareous, low-competition gravelly or clay soils on weathered volcanic ash deposits, scree slopes, hot spring mounds, washes, or road banks or other recovering disturbances, in the shadscale, mixed-shrub, and sagebrush zones.**PHENOLOGY:** flowering late-spring to summer. Range of most frequent **survey months:** May-June.**LIFE-FORM AND HABIT:** short-lived perennial herb.**DESCRIPTION:** An erect perennial herb, 1.5-4 dm tall, with white-hairy stems and yellow-petaled flowers, which bloom May through August.**PHOTOGRAPHS:** Nevada Natural Heritage Program slide collection (1986-present).**ILLUSTRATIONS:** Thompson and Prigge (1984).**SPECIFIC REFERENCES:**Thompson, H. J. and B. A. Prigge. 1984. A new species of *Mentzelia* section *Bartonia* (Loasaceae). *Phytologia* 55: 281-287.**OF FURTHER INTEREST:** May represent a minor variant of *Mentzelia oreophila*.