

Mimulus ovatus (A. Gray [1886]) N. Holmgren**STEAMBOAT MONKEYFLOWER****FAMILY:** *Scrophulariaceae*, the figwort family.**SYNONYMS:** *Mimulus bigelovii* var. *ovatus*
Mimulus cusickii (misapplied)**STATUS:****Heritage Program SENSITIVE LIST, ranks: G1G3Q S1S3**

USFWS/ESA: none. STATE OF NEVADA: recommended for full protection. BLM: none. USFS: none.

NNNPS: THREATENED.

POPULATION CENSUS: 4 occurrences mapped at 1.0 km (0.6 mi) separation, OR 6 occurrences mapped at 0.16 km (0.1 mi) separation; 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 1988, average year of last survey 1978. **Years since last entered survey** (percent of mapped records at various survey ages): **11-20 yrs:** 50%; **21-30 yrs:** 33.3%; **31-50 yrs:** 16.7%.**LAND MANAGEMENT** in decreasing predominance: private lands, Nevada state lands.**RANGE:** Carson City (?), Douglas (?), Storey, and Washoe counties, Nevada. Depending on the circumscription of the species, occurrences may extend as far as Peavine Mountain to the north, and Carson City to the south. **Nevada endemic.** Maximum **range dimension 4.4 km (2.7 mi)** excluding most disjunct record. **Type specimen** collected in Washoe County.**ELEVATIONS RECORDED:** 4580-6200 feet (1396-1890 meters).**HABITAT:** Dry to somewhat moist, often barren, loose, sandy to gravelly slopes derived from siliceous sinter deposited by hot springs in the sagebrush zone, or from highly acidic hydrothermally altered andesite or rhyolite deposits supporting sparse yellow pine woodlands within the pinyon-juniper zone, or possibly on sandy alkaline valley floor deposits in the sagebrush zone, sometimes on adjacent roadsides or washes.**PHENOLOGY:** flowering late-spring to early-fall. Range of most frequent **survey months:** May-October.**LIFE-FORM AND HABIT:** annual.**DESCRIPTION:** A highly branched annual herb, 2-14 cm tall, that produces purple flowers with yellow spots. Blooms in April-July.**PHOTOGRAPHS:** Nevada Natural Heritage Program images web page (1998-present) and slide collection (1986-present).**ILLUSTRATIONS:** Cronquist et al. (1984).**SPECIFIC REFERENCES:**

Gray, A. 1886. Gamopetalae after Compositae. Synoptical Flora of North America, second edition vol. 2, part 1: 1-494.