

Hackelia cusickii (Piper [1902]) Brand**CUSICK STICKSEED****FAMILY:** *Boraginaceae*, the forget-me-not family.**STATUS:** **Heritage Program WATCH LIST, ranks: G4? S1**
USFWS/ESA: none. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** none. **NNNPS:** none.**POPULATION CENSUS (NEVADA):** 2 occurrences mapped; total estimated individuals 1075, total estimated area 17.0 ha (42.0 ac). **TREND:** unknown.**IMPACTS AND MAJOR THREATS (NEVADA):** No summary available (see references).**INVENTORY EFFORT (NEVADA):** No systematic surveys have been conducted in Nevada. Most recent entered survey 1987, average year of last survey 1986. **Years since last entered survey** (percent of mapped records at various survey ages): **11-20 yrs:** 100%.**LAND MANAGEMENT (NEVADA)** in decreasing predominance: U. S. Bureau of Land Management, U. S. Fish and Wildlife Service (?), private lands (?).**RANGE:** Humboldt and Washoe counties, Nevada; also in CA and OR. Maximum Nevada **range dimension 88.0 km (54.7 mi)**. **Type specimen** collected in Crook County, Oregon.**ELEVATIONS RECORDED (NEVADA):** 6100-6650 feet (1859-2027 meters).**HABITAT (NEVADA):** In the shelter of junipers on dry rocky slopes in the juniper-sagebrush zone.**PHENOLOGY:** flowering late-spring to summer. Range of most frequent **survey months:** June.**LIFE-FORM AND HABIT:** perennial herb.**DESCRIPTION:** not available (see references).**PHOTOGRAPHS:** Nevada Natural Heritage Program images web page (1998-present) and files.**ILLUSTRATIONS:** Cronquist et al. (1984), Hitchcock and Cronquist (1973).**OTHER GENERAL REFERENCES** (listed separately): Hickman (1993).**SPECIFIC REFERENCES:**

Gentry, J. L., Jr., and R. L. Carr. 1976. A revision of the genus *Hackelia* (Boraginaceae) in North America, north of Mexico. *Memoirs of the New York Botanical Garden* 26: 121-227.
