

Hulsea vestita A. Gray **ssp. *inyoensis*** (Keck [1958]) Wilken

INYO HULSEA

FAMILY: *Asteraceae*, the sunflower family.

SYNONYMS: *Hulsea vestita* var. *callicarpha* (?)

STATUS:

Heritage Program SENSITIVE LIST, ranks: G5 T2T3Q S2

USFWS/ESA: none. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** Inyo NF watch list. **NNNPS:** watch list.

POPULATION CENSUS (NEVADA): **16 occurrences mapped** at 1.0 km (0.6 mi) separation, OR **17 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals 1215+**, total estimated **area unknown**.

TREND: unknown.

IMPACTS AND MAJOR THREATS (NEVADA): No summary available (see references).

INVENTORY EFFORT (NEVADA): Surveys in Nevada are old and incomplete. Most recent entered survey 1979, average year of last survey 1973. **Years since last entered survey** (percent of mapped records at various survey ages): **21-30 yrs:** 58.8%; **31-50 yrs:** 41.2%.

LAND MANAGEMENT (NEVADA) in decreasing predominance: U. S. Department of Energy, U. S. Department of Defense, U. S. Bureau of Land Management (?), U. S. Fish and Wildlife Service (?).

RANGE: Nye County, Nevada; also in CA. Maximum Nevada **range dimension 32.3 km (20.1 mi)** excluding most disjunct record. **Type specimen** collected in Inyo County, California.

ELEVATIONS RECORDED (NEVADA): 4800-7400 feet (1463-2256 meters).

HABITAT (NEVADA): Dry, open talus, scree, and sandy soils derived from light-colored volcanic tuff outcrops on steep slopes and at cliff bases in the sagebrush and pinyon-juniper zones.

PHENOLOGY: flowering late-spring to summer. Range of most frequent **survey months:** April-July.

LIFE-FORM AND HABIT: biennial or perennial herb.

DESCRIPTION: not available (see references).

PHOTOGRAPHS: Hall (1991); Nevada Natural Heritage Program slide collection (1986-present).

ILLUSTRATIONS: Cronquist (1994).

OTHER GENERAL REFERENCES (listed separately): Beatley (1976), Cochrane (1979), Hickman (1993).

OF FURTHER INTEREST: Cronquist's Intermountain Flora treatment synonymizes this subspecies (as a variety) with *Hulsea vestita* var. *callicarpha*.
