

Penstemon rubicundus Keck (1937)**WASSUK BEARDTONGUE**

FAMILY: *Scrophulariaceae*, the figwort family.

STATUS: **Heritage Program SENSITIVE LIST, ranks: G2G3 S2S3**

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

POPULATION CENSUS: **12 occurrences mapped;** total estimated **individuals 228+**, total estimated **area unknown.**

TREND: unknown.

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

INVENTORY EFFORT: Most recent entered survey 1983, average year of last survey 1966.

Years since last entered survey (percent of mapped records at various survey ages): **11-20 yrs:** 16.7%; **21-30 yrs:** 50%; **51+ yrs or unknown:** 33.3%.

LAND MANAGEMENT in decreasing predominance: private lands, U. S. Department of Defense, Humboldt-Toiyabe National Forest, U. S. Bureau of Land Management, Native American lands.

RANGE: Douglas, Esmeralda (?), and Mineral counties, Nevada. **Nevada endemic.** Maximum **range dimension 63.6 km (39.5 mi)** excluding most disjunct record. **Type specimen** collected in Mineral County.

ELEVATIONS RECORDED: 4220-6850 feet (1286-2088 meters).

HABITAT: Open, rocky to gravelly soils on perched tufa shores, steep decomposed granite slopes, rocky drainage bottoms, and roadsides or other recovering disturbances with enhanced runoff, locally abundant on recent burns, in the pinyon-juniper, sagebrush, and upper mixed-shrub and shadscale zones.

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

LIFE-FORM AND HABIT: robust perennial herb.

DESCRIPTION: A robust perennial herb, 5-12 dm tall, with large, showy, deep pink flowers with white throats. Blooms June-August.

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

ILLUSTRATIONS: Cronquist et al. (1984), Mozingo and Williams (1980).

SPECIFIC REFERENCES:

Keck, D. D. 1937. Studies in *Penstemon* V. The section *Peltanthera*. *American Midland Naturalist* 18: 790-829.
