

Cordylanthus tecopensis Munz & Roos**TECOPA BIRDSBEAK**

FAMILY: *Scrophulariaceae*, the figwort family.

STATUS:

Heritage Program SENSITIVE LIST, ranks: G2 S2

USFWS/ESA: species of concern. **STATE OF NEVADA:** none. **BLM:** Special Status Species in Nevada.

USFS: none. **NNNPS:** THREATENED.

POPULATION CENSUS (NEVADA): **9 occurrences mapped** at 1.0 km (0.6 mi) separation, OR **10 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals 4379+**, total estimated **area 4.5+ ha (11.1+ ac)**.

TREND: unknown.

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

INVENTORY EFFORT (NEVADA): Most potential habitat has been surveyed. Most recent entered survey 1986, average year of last survey 1983. **Years since last entered survey** (percent of mapped records at various survey ages): **11-20 yrs:** 70%; **21-30 yrs:** 20%; **31-50 yrs:** 10%.

LAND MANAGEMENT (NEVADA) in decreasing predominance: U. S. Fish and Wildlife Service, U. S. Bureau of Land Management, private lands, Nevada state lands (?).

RANGE: Esmeralda and Nye counties, Nevada; also in CA. In Nevada known only from the Ash Meadows area and in Fishlake Valley. Maximum Nevada **range dimension 222.8 km (138.5 mi)** excluding most disjunct record.

ELEVATIONS RECORDED (NEVADA): 2100-4900 feet (640-1494 meters).

HABITAT (NEVADA): Open, moist to saturated, alkali-crusted clay soils of seeps, springs, outflow drainages, and meadows, with *Distichlis spicata*, *Juncus balticus*, *Eleocharis*, *Spiranthes infernalis*, *Centaureum namophilum*, *Typha*, *Cirsium*, *Ivesia kingii* eremica, *Ericameria albida*, etc. Dependent on wetland margin areas in Nevada.

PHENOLOGY: flowering summer to early-fall. Range of most frequent **survey months:** April-August.

LIFE-FORM AND HABIT: annual terrestrial hemiparasite.

DESCRIPTION: not available (see references).

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

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

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