

***Perityle intricata*** (Brandege)**DELICATE ROCKDAISY**

**FAMILY:** *Asteraceae*, the sunflower family.

**SYNONYMS:** *Perityle megalcephala* var. *intricata*  
*Laphamia megacephala* ssp. *intricata*  
*Perityle megalcephala* var. *oligophylla* (?)

**STATUS:**

**Heritage Program WATCH LIST, ranks: G3Q S3**

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

**POPULATION CENSUS:** **58 occurrences mapped** at 1.0 km (0.6 mi) separation, OR **84 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals 26,000+**, total estimated **area 122+ ha (301+ ac)**. **TREND:** unknown.

**IMPACTS AND MAJOR THREATS:** Habitat relatively invulnerable.

**INVENTORY EFFORT:** Surveys in Nevada have been extensive but likely remain incomplete. Most recent entered survey 1993, average year of last survey 1984. **Years since last entered survey** (percent of mapped records at various survey ages): **6-10 yrs:** 51.2%; **11-20 yrs:** 6%; **21-30 yrs:** 27.4%; **31-50 yrs:** 15.5%.

**LAND MANAGEMENT** in decreasing predominance: U. S. Fish and Wildlife Service, U. S. Department of Defense, U. S. Department of Energy, U. S. Bureau of Land Management, private lands, National Park Service, Nevada state lands (?).

**RANGE:** Clark, Lincoln, and Nye counties, Nevada; also in CA (?). Possible or probable **Nevada endemic**. Maximum **range dimension 160.0 km (99.4 mi)** excluding most disjunct record. **Type specimen** collected in Clark County.

**ELEVATIONS RECORDED (NEVADA):** 2620-6000 feet (799-1829 meters).

**HABITAT:** Crevices and rubble of carbonate outcrops in the shadscale, blackbrush, and mixed-shrub zones.

**PHENOLOGY:** flowering late-spring to early-fall. Range of most frequent **survey months:** January-December.

**LIFE-FORM AND HABIT:** subshrub.

**DESCRIPTION:** not available (see references).

**PHOTOGRAPHS:** Knight and Smith (1994).

**ILLUSTRATIONS:** Cronquist (1994), Niles (1970).

**OTHER GENERAL REFERENCES** (listed separately): Ackerman (1981), Beatley (1976), Beatley (1977), Beatley (1977), Cochrane (1979), Hickman (1993).

**SPECIFIC REFERENCES:**

Brandege, T. S. 1899. New species of western plants. *Botanical Gazette* 27: 444-457.

Niles, W. E. 1970. Taxonomic investigations in the genera *Perityle* and *Laphamia* (Compositae). *Memoirs of the New York Botanical Garden* 21: 1-82.

**OF FURTHER INTEREST:** Plants reported as *Laphamia megalcephala* var. *intricata* in California are said to be *Perityle megalcephala* var. *oligophylla* instead (Hickman 1993, p. 324). Intermountain Flora (Cronquist et al. 1994) reports a single occurrence of *Perityle intricata* in the Clark Mountains of northeastern San Bernardino County, California. Its status in California remains uncertain.

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