

Arabis shockleyi Munz**SHOCKLEY ROCKCRESS**

FAMILY: *Brassicaceae*, the mustard family.

STATUS:

Heritage Program WATCH LIST, ranks: G3 S3

USFWS/ESA: none. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** Region 5 (California) Sensitive Species.

NNNPS: none.

POPULATION CENSUS (NEVADA): 33 extant occurrences mapped at 1.0 km (0.6 mi) separation, OR 38 extant and 1 extirpated occurrences mapped at 0.16 km (0.1 mi) separation; total estimated individuals 745+, total estimated area unknown. **TREND:** unknown.

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

INVENTORY EFFORT (NEVADA): Surveys have been conducted in Nevada but remain very incomplete. Most recent entered survey 1993, average year of last survey 1977. **Years since last entered survey** (percent of mapped records at various survey ages): **6-10 yrs:** 2.6%; **11-20 yrs:** 25.6%; **21-30 yrs:** 66.7%; **31-50 yrs:** 2.6%; **51+ yrs or unknown:** 2.6%.

LAND MANAGEMENT (NEVADA) in decreasing predominance: U. S. Fish and Wildlife Service, U. S. Department of Defense, U. S. Bureau of Land Management, U. S. Department of Energy, Humboldt-Toiyabe National Forest, private lands (?), designated wilderness (?).

RANGE: Clark, Esmeralda (?), Lincoln, Mineral, Nye, and White Pine counties, Nevada; also in CA and UT. Maximum Nevada **range dimension 360.4 km (223.9 mi)** excluding most disjunct record.

ELEVATIONS RECORDED (NEVADA): 4000-8600 feet (1219-2621 meters).

HABITAT (not yet reviewed for Nevada): "Shadscale-galleta, ephedra-matchweed, sagebrush, mountain mahogany, and pinyon-juniper communities mostly 1430 to 1900 m (Welsh 1993)."

PHENOLOGY: no summary available. Range of most frequent **survey months:** April-June.

DESCRIPTION: not available (see references).

PHOTOGRAPHS: Knight and Smith (1994); Nevada Natural Heritage Program images web page (1998-present) and files.

ILLUSTRATIONS: none known.

OTHER GENERAL REFERENCES (listed separately): Ackerman (1981), Beatley (1976), Beatley (1977), Cochrane (1979), Hickman (1993), Rollins (1993), Welsh et al. (1993).

SPECIFIC REFERENCES:

Krantz, T. P. 1979. Status report on *Arabis shockleyi*. Portland, Oregon: U. S. Fish and Wildlife Service.

Rollins, R. C. 1981. Studies on *Arabis* (Cruciferae) of western North America. *Systematic Botany* 6(1): 55-64.
