

Arabis bodiensis Rollins (1982)**BODIE HILLS ROCKCRESS**

FAMILY: *Brassicaceae*, the mustard family.

SYNONYMS: *Arabis fernaldiana* var. *stylosa* (misapplied)

STATUS:

Heritage Program SENSITIVE LIST, ranks: G2 S2

USFWS/ESA: species of concern. **STATE OF NEVADA:** none. **BLM:** Special Status Species in Nevada and California. **USFS:** Humboldt-Toiyabe NF and Inyo NF Sensitive Species. **NNNPS:** watch list.

POPULATION CENSUS (NEVADA): 7 occurrences mapped at 1.0 km (0.6 mi) separation, OR 8 occurrences mapped at 0.16 km (0.1 mi) separation; total estimated individuals 2048, total estimated area 54.1 ha (134 ac).

TREND: unknown.

IMPACTS AND MAJOR THREATS (NEVADA): Mineral exploration and development, road construction and maintenance.

INVENTORY EFFORT (NEVADA): Surveys extensive but incomplete. Most recent entered survey 1993, average year of last survey 1993. **Years since last entered survey** (percent of mapped records at various survey ages): **6-10 yrs:** 100%.

LAND MANAGEMENT (NEVADA) in decreasing predominance: Humboldt-Toiyabe National Forest, U. S. Bureau of Land Management, U. S. Department of Defense, private lands (?).

RANGE: Mineral County, Nevada; also in CA. Known in Nevada from the Wassuk Range, Brawley Peaks, and Bodie Hills. Maximum Nevada **range dimension 27.5 km (17.1 mi)** excluding most disjunct record. **Type specimen** collected in Mono County, California.

ELEVATIONS RECORDED (NEVADA): 6720-9970 feet (2048-3039 meters).

HABITAT (NEVADA): Dry, open, rocky, high or north-facing slopes or exposed summits of granitic or rhyolitic material, on moisture-accumulating microsites in sagebrush associations within the pinyon-juniper and mountain sagebrush zones.

PHENOLOGY: flowering early-spring. Range of most frequent **survey months:** June-July.

LIFE-FORM AND HABIT: perennial herb.

DESCRIPTION: A perennial herb, 1.5-3.5 dm tall, with white to pinkish flowers blooming April-June.

PHOTOGRAPHS: Morefield (1994); Nevada Natural Heritage Program images web page (1998-present), slide collection (1986-present), and files.

ILLUSTRATIONS: none known.

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

SPECIFIC REFERENCES:

Morefield, J. D. 1994. Current knowledge and conservation status of *Arabis bodiensis* Rollins (Brassicaceae), Bodie Hills rockcress, in Nevada. Carson City: Nevada Natural Heritage Program, status report prepared for the U. S. Fish and Wildlife Service, Reno.

Rollins, R. C. 1982. Studies on *Arabis* (Cruciferae) of western North America II. Contributions from the Gray Herbarium 212: 103-114.
