

***Arabis rigidissima* Rollins *var. demota* Rollins (1983) GALENA CREEK ROCKCRESS****FAMILY:** *Brassicaceae*, the mustard family.**SYNONYMS:** *Arabis platysperma* (?)**STATUS:** **Heritage Program SENSITIVE LIST, ranks: G3 T2Q S2****USFWS/ESA:** species of concern, formerly CANDIDATE or PROPOSED. **STATE OF NEVADA:** none.**BLM:** none. **USFS:** Humboldt-Toiyabe NF and Lake Tahoe Basin Sensitive Species. **NNNPS:** watch list.**POPULATION CENSUS:** **18 occurrences mapped** at 1.0 km (0.6 mi) separation, **OR 39 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals 10,000+**, total estimated **area 52.0+ ha (128+ ac)**. **TREND:** unknown.**IMPACTS AND MAJOR THREATS:** Recreational developments and trail use, road construction and maintenance, logging or other forestry practices, fire suppression activities.**INVENTORY EFFORT:** Surveys have been extensive and are fairly complete. Most recent entered survey 2000, average year of last survey 1990. **Years since last entered survey** (percent of mapped records at various survey ages): **0-5 yrs: 17.9%; 11-20 yrs: 82.1%**.**LAND MANAGEMENT** in decreasing predominance: private lands, Humboldt-Toiyabe National Forest, Nevada state lands, designated wilderness, U. S. Forest Service Lake Tahoe Basin Management Unit, U. S. Bureau of Land Management (?).**RANGE:** Washoe County, Nevada; also in CA. Apparently restricted to the northern Carson Range. Possible or probable **Nevada endemic**. Maximum **range dimension 28.3 km (17.6 mi)** excluding most disjunct record. **Type specimen** collected in Washoe County.**ELEVATIONS RECORDED (NEVADA):** 7020-10020 feet (2140-3054 meters).**HABITAT:** Sandy to rocky soils or outcrops derived from granitic or volcanic materials, mostly on moderate to steep northerly aspects, often in drainage ways, near meadow edges, or in other moisture accumulating microsites, generally in dry openings in *Abies* - *Pinus* - *Populus tremuloides* associations.**PHENOLOGY:** flowering late-spring to summer. Range of most frequent **survey months:** July-August.**LIFE-FORM AND HABIT:** perennial herb.**DESCRIPTION:** not available (see references).**PHOTOGRAPHS:** Tiehm (1989), Weixelman and Atwood (1990); Nevada Natural Heritage Program files.**ILLUSTRATIONS:** Weixelman and Atwood (1990).**OTHER GENERAL REFERENCES** (listed separately): Rollins (1993), Spahr et al. (1991).**SPECIFIC REFERENCES:**Nelson, L. 1989. Survey findings on *Arabis rigidissima* var. *demota*, Galena rock-cress. Reno, Nevada: Galena Resort Corporation.Rollins, R. C. 1983. Studies in the Cruciferae of western North America. *Journal of the Arnold Arboretum* 64: 491-510.Tiehm, A. 1989. Status report for *Arabis rigidissima* var. *demota*. Carson City: Nevada Natural Heritage Program.