

***Arabis rectissima* E. Greene var. *simulans* Rollins (1993) WASHOE TALL ROCKCRESS**

FAMILY: *Brassicaceae*, the mustard family.

STATUS: **Heritage Program SENSITIVE LIST, ranks: G4G5 T1Q S1**
USFWS/ESA: none. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** none. **NNNPS:** THREATENED.

POPULATION CENSUS: **3 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 1128**, total estimated **area 10.7 ha (26.4 ac)**. **TREND:** unknown.

IMPACTS AND MAJOR THREATS: Recreational development and use, timber harvest, fire suppression and lack of normal forest succession, catastrophic fire, hybridization with *Arabis holboellii*.

INVENTORY EFFORT: Surveys in progress. Most recent entered survey 1996, average year of last survey 1996.
Years since last entered survey (percent of mapped records at various survey ages): **0-5 yrs:** 100%.

LAND MANAGEMENT in decreasing predominance: county lands, private lands, Humboldt-Toiyabe National Forest, Nevada state lands, U. S. Forest Service Lake Tahoe Basin Management Unit (?).

RANGE: Douglas and Washoe counties, Nevada; also in CA (?). Endemic to the northern Carson Range. Maximum **range dimension 28.4 km (17.7 mi)** excluding most disjunct record. **Type specimen** collected in Washoe County.

ELEVATIONS RECORDED (NEVADA): 6035-7350 feet (1839-2240 meters).

HABITAT: Dry, sandy, granitic or andesitic soil on mostly gentle slopes of all aspects, in full or filtered sunlight of thinly-littered openings in mature, open *Pinus jeffreyi* - *Abies concolor* forests. Densities highest on very light and recovered disturbances, excluded from areas of bare ground, deep litter, dense tree or shrub cover, or intense disturbance.

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

LIFE-FORM AND HABIT: biennial or short-lived perennial herb.

DESCRIPTION: Perennial herb to 12 dm high with white flowers, coarsely and sparsely hairy basal leaves with some teeth, and straight, strictly reflexed fruits.

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

ILLUSTRATIONS: none known.

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

OF FURTHER INTEREST: Appears to intergrade with one or more varieties of *Arabis holboellii* at some locations, and may better be treated as a variety of that species.
