

Arabis falcatoria Rollins (1982)**GROUSE CREEK ROCKCRESS**

FAMILY: *Brassicaceae*, the mustard family.

STATUS: **Heritage Program SENSITIVE LIST, ranks: G1 S1**

USFWS/ESA: species of concern. **STATE OF NEVADA:** none. **BLM:** Special Status Species in Nevada.

USFS: Humboldt-Toiyabe NF Sensitive Species. **NNNPS:** watch list.

POPULATION CENSUS (NEVADA): **1 occurrence mapped;** total estimated **individuals unknown**, total estimated **area unknown**. **TREND:** unknown.

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

INVENTORY EFFORT (NEVADA): Recently surveyed in eastern Nevada, but more probably needed. Most recent entered survey 1981. **Years since last entered survey** (percent of mapped records at various survey ages): **11-20 yrs:** 100%.

LAND MANAGEMENT (NEVADA) in decreasing predominance: Humboldt-Toiyabe National Forest, U. S. Fish and Wildlife Service (?).

RANGE: Elko County, Nevada; also in UT. In Nevada known only from the southern Ruby Mountains.

ELEVATIONS RECORDED (NEVADA): 8600 feet (2621 meters).

HABITAT (NEVADA): Immediately west of an exposed gravelly ridge-line saddle where regularly blown clear of snow, often in the shelter of low shrubs, with *Artemisia arbuscula*, *Eriogonum kingii*, *Cymopterus ibapensis*, and *Oenothera caespitosa*, in the mountain mahogany zone. Absent from adjacent snow drift areas.

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

LIFE-FORM AND HABIT: perennial herb.

DESCRIPTION: A perennial herb, 1-3 dm tall, with densely hairy lower leaves and white to pale lavender flowers in bloom May-June.

PHOTOGRAPHS: Atwood et al. (1991).

ILLUSTRATIONS: Atwood et al. (1991).

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

SPECIFIC REFERENCES:

Holland, R. F. 1998. Current knowledge and conservation status of *Arabis falcatoria* Rollins (*Brassicaceae*), the Grouse Creek rock cress, in Nevada. Carson City: Nevada Natural Heritage Program, DRAFT 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.
