

Ivesia aperta (J. T. Howell) Munz **var. *aperta*****SIERRA VALLEY IVESIA****FAMILY:** *Rosaceae*, the rose family.**SYNONYMS:** *Potentilla aperta***STATUS:****Heritage Program SENSITIVE LIST, ranks: G2 T2 S1****USFWS/ESA:** species of concern. **STATE OF NEVADA:** none. **BLM:** Special Status Species in Nevada and California. **USFS:** Humboldt-Toiyabe NF and Region 5 (California) Sensitive Species. **NNNPS:** THREATENED.**POPULATION CENSUS (NEVADA):** **6 occurrences mapped** at 1.0 km (0.6 mi) separation, OR **7 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals 2,600,000+**, total estimated **area 4.5+ ha (11.1+ ac)**.**TREND:** DECLINING.**IMPACTS AND MAJOR THREATS (NEVADA):** Impacted somewhat by road development and maintenance and off-road vehicle use, vulnerable to fire suppression activities, drying of habitat by water diversions, and invasive weed colonization.**INVENTORY EFFORT (NEVADA):** Survey mostly complete. Most recent entered survey 2000, average year of last survey 1974. **Years since last entered survey** (percent of mapped records at various survey ages): **0-5 yrs:** 71.4%; **51+ yrs or unknown:** 28.6%.**LAND MANAGEMENT (NEVADA)** in decreasing predominance: Humboldt-Toiyabe National Forest, private lands, U. S. Bureau of Land Management (?).**RANGE:** Storey and Washoe counties, Nevada; also in CA. Known in Nevada from the Carson and Virginia ranges and Peavine Mountain. Maximum Nevada **range dimension 35.6 km (22.1 mi)** excluding most disjunct record. **Type specimen** collected in Plumas County, California.**ELEVATIONS RECORDED (NEVADA):** 6460-7300 feet (1969-2225 meters).**HABITAT (NEVADA):** Shallow, vernaly saturated, slowly draining, sandy to rocky clay soils derived from mostly andesitic volcanic rock or alluvium on benches and flats in meadows, seeps, intermittent drainages, etc., in the yellow-pine, mountain sagebrush, and mountain mahogany zones. Dependent on wetland margin areas in Nevada.**PHENOLOGY:** flowering late-spring to summer, from late May through mid-August. Range of most frequent **survey months:** June-August.**LIFE-FORM AND HABIT:** perennial herb.**DESCRIPTION:** not available (see references).**PHOTOGRAPHS:** Witham (2000); Nevada Natural Heritage Program images web page (1998-present) and files.**ILLUSTRATIONS:** Cronquist et al. (1997).**OTHER GENERAL REFERENCES** (listed separately): Hickman (1993).**SPECIFIC REFERENCES:**Ertter, B. 1988. *Ivesia aperta* var. *canina* (Rosaceae), new from California. *Brittonia* 40: 398-399.Ertter, B. 1989. Revisionary studies in *Ivesia* (Rosaceae: Potentilleae). *Systematic Botany* 14: 231-244.Witham, C. W. 2000. Current knowledge and conservation status of *Ivesia aperta* (J. T. Howell) Munz var. *aperta* (Rosaceae), the Sierra Valley ivesia, in Nevada. Carson City: Nevada Natural Heritage Program, status report prepared for the U. S. Fish and Wildlife Service, Reno, Nevada.