

Galium hilendiae Dempster & Ehrendorfer ***ssp. kingstonense*** (Dempster) Dempster & Ehrendorfer

KINGSTON MOUNTAINS BEDSTRAW

FAMILY: *Rubiaceae*, the madder family.

SYNONYMS: *Galium multiflorum* var. *multiflorum* (in part)

STATUS:

Heritage Program SENSITIVE LIST, ranks: G4 T2 S1

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

USFS: none. **NNNPS:** THREATENED.

POPULATION CENSUS (NEVADA): **3 occurrences mapped** at 1.0 km (0.6 mi) separation, **OR 4 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals 668**, total estimated **area 17.4+ ha (43.0+ ac)**.

TREND: unknown.

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

INVENTORY EFFORT (NEVADA): Surveys have been fairly extensive on the Nevada Test Site, but much potential habitat likely remains unexamined. Most recent entered survey 1992, average year of last survey 1992.

Years since last entered survey (percent of mapped records at various survey ages): **6-10 yrs: 100%**.

LAND MANAGEMENT (NEVADA) in decreasing predominance: U. S. Department of Energy, U. S. Department of Defense.

RANGE: Nye County, Nevada; also in CA. In Nevada known only from a small portion of the Nevada Test Site. Maximum Nevada **range dimension 14.2 km (8.8 mi)** excluding most disjunct record.

ELEVATIONS RECORDED (NEVADA): 5200-6600 feet (1585-2012 meters).

HABITAT: no summary available (see references).

PHENOLOGY: no summary available. Range of most frequent **survey months:** May-September.

DESCRIPTION: not available (see references).

PHOTOGRAPHS: Blomquist et al. (1995).

ILLUSTRATIONS: Mazingo and Williams (1980).

OTHER GENERAL REFERENCES (listed separately): Beatley (1976), Beatley (1977), Beatley (1977), Cochrane (1979), Hickman (1993), Rhoads and Williams (1977).

OF FURTHER INTEREST: Considered part of the *Galium multiflorum* complex by Intermountain Flora (Cronquist et al. 1984), but recognized as distinct in the Jepson Manual (Hickman 1993).
