

Crossidium seriatum Crum & Steere**SERIATE CROSSIDIUM**

FAMILY: *Pottiaceae*, the pottia family.

STATUS: **Heritage Program SENSITIVE LIST, ranks: G2 S2**
USFWS/ESA: none. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** none. **NNNPS:** watch list.

POPULATION CENSUS (NEVADA): **8 occurrences mapped;** total estimated **individuals unknown**, total estimated **area unknown**. **TREND:** unknown.

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

INVENTORY EFFORT (NEVADA): Surveys are ongoing. Most recent entered survey 1998, average year of last survey 1997. **Years since last entered survey** (percent of mapped records at various survey ages): **0-5 yrs: 75%; 6-10 yrs: 25%**.

LAND MANAGEMENT (NEVADA) in decreasing predominance: National Park Service, U. S. Bureau of Land Management, Nevada state lands, private lands (?).

RANGE: Clark County, Nevada; also in AZ, BC, CA, KS, NM, Europe, and Mexico. Maximum Nevada **range dimension 40.6 km (25.2 mi)** excluding most disjunct record. **Type specimen** collected in Baja California, Mexico.

ELEVATIONS RECORDED (NEVADA): 1312-2460 feet (400-750 meters).

HABITAT (NEVADA): Sandstone and gypsiferous bluffs, outcrops, rock piles, and soils, often protected on the north or east sides of rocks or shrubs, or at bases of bluffs, in the creosote-bursage zone.

PHENOLOGY: no summary available. Range of most frequent **survey months:** April-June.

LIFE-FORM AND HABIT: herb moss.

DESCRIPTION: not available (see references).

PHOTOGRAPHS: Nevada Natural Heritage Program images web page (1998-present).

ILLUSTRATIONS: Nevada Natural Heritage Program (1998).

SPECIFIC REFERENCES:

- Cano, M. J., J. Guerra, and R. M. Ros. 1992. *Crossidium seriatum* (Pottiaceae, Musci) new to Europe. *The Bryologist* 95: 280-283.
- Hong, W. S. 1992. *Plagiochila* in western North America. *The Bryologist* 95: 142-147.
- McIntosh, T. T. 1989. Bryophyte records from the semiarid steppe of northwestern North America, including four species new to North America. *The Bryologist* 92: 356-362.
- Stark, L. R., and A. T. Whittemore. 1992. Additions to the bryoflora of southern California. *The Bryologist* 95: 65-67.
- Stark, L. R. 1999. Five globally rare species of mosses from southern Nevada: An update on their distribution ranges, including recent unpublished findings from predominantly gypsum/sandstone habitats in the Lake Mead National Recreation Area and associated Bureau of Land Management lands. Las Vegas: University of Nevada, unpublished report. 11 pages.
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