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 ***Corispermum navicula***
Author: Mosyakin

North Park bugseed

**Chenopodiaceae (Goosefoot
 Family)**

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Close up of *Corispermum navicula* by David G. Anderson
 Click image to enlarge.



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Taxonomic Comments

Treated as a Colorado endemic by Kartesz (1999), his record based on personal communication with W.A. Weber. Some Oklahoma specimens may belong here (Mosyakin 1995, Flora of North America 1993+). Described in 1995; the plants had been considered within *C. hyssopifolium* [sensu lato].

Ranks and Status

Global rank: G1?

State rank: S1

Federal protection status: BLM Sensitive

State protection status: None

[-] Description and Phenology

General description: Annual plants about 5-15 cm tall, branched from the base, sparsely covered with branched and almost stellate hairs, or almost glabrous. Leaves are 2-4 cm long, narrowly lanceolate or linear-lanceolate. Inflorescences are usually compact and dense, ovate or oblong-ovate in outline. Mature fruit body is usually dark brown or dark green, usually with dark spots and whitish warts. The fruit are narrowly winged or almost wingless (Mosyakin 1995).

Corispermum navicula: no artwork available

Look Alikes: *Corispermum navicula* has longer fruit (4 mm long) than other *Corispermum* species known from Colorado (Weber and Wittmann 2012).

Phenology: Fruiting in October (Colorado Natural Heritage Program 2012).

[+] Herbarium Photos

[-] Habitat

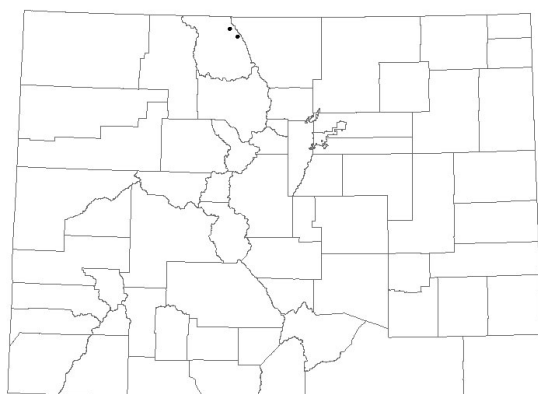
Sand dunes; probably also sandy and gravelly shores (Flora of North America 1993+).

Elevation Range: 8,235 - 8,727 feet (2,510 - 2,660 meters)

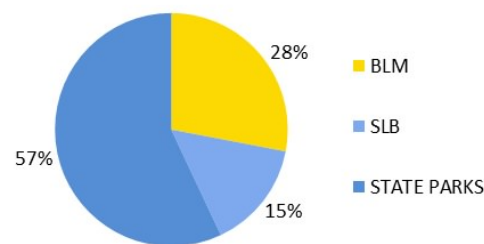


Habitat of *Corispermum navicula* by David G. Anderson
Click image to enlarge.

[-] Distribution



Distribution of *Corispermum navicula* in Colorado
Click image to enlarge.



Corispermum navicula

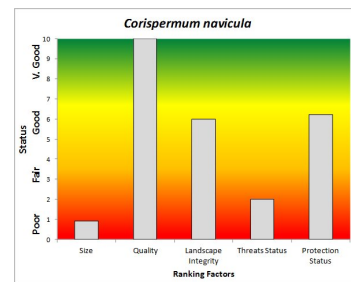
Distribution of *Corispermum navicula* in Colorado according to mapped land ownership/management boundaries (CNHP 2012, COMaP v9).
Click image to enlarge.

Colorado endemic: Yes

Global range: Thought to be endemic to Colorado but additional research is needed (Flora of North America 1993+). Known from the North Sand Dunes in Jackson County, Colorado. Estimated range is 17 square kilometers (6 square miles), calculated in GIS by drawing a minimum convex polygon around the known occurrences (calculated by the Colorado Natural Heritage Program in 2008).

[-] Threats and Management Issues

Off-road-vehicle use is considered to be the primary threat to the species at this time (Rondeau et al. 2011). Two sand dunes complexes support the plant; one of the complexes is heavily used by off-road-vehicles in areas inhabited and possibly previously inhabited by the plant. Off-road vehicles are prohibited on the second dune complex (Colorado Natural Heritage Program 2012).



Summary results of an analysis of the status of *Corispermum navicula* based on several ranking factors. This species was concluded to be "Moderately Conserved". From Rondeau et al. 2011.
Click image to enlarge.

[+] References

Last Updated

2013-02-13