

-State Species Abstract-
-Wyoming Natural Diversity Database-

SPARGANIUM EURYCARPUM
LARGE BUR-REED
Family: Sparganiaceae

Status:

US Fish & Wildlife Service: None.

Agency Status: None.

Heritage Rank:

Global: G5 State: S1

WYNDD Plant List: Peripheral

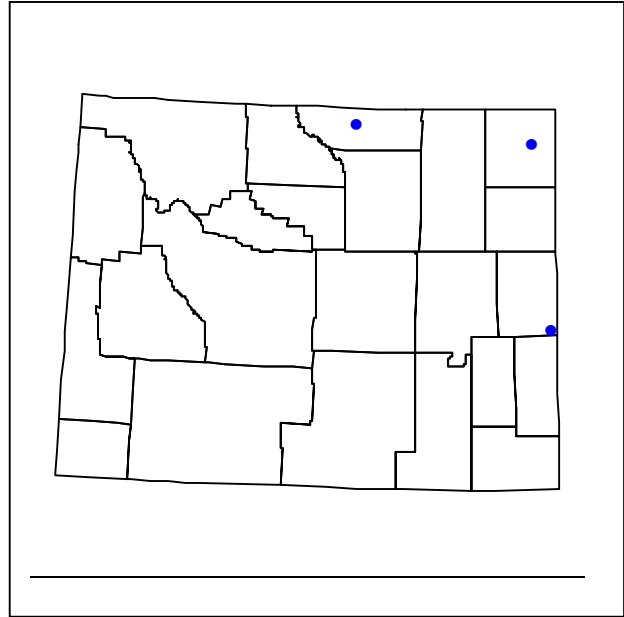
(Low Conservation Priority)

Description: Large bur-reed is a stout, erect, perennial forb 50-120 cm tall. Leaves are 8-15 mm wide and up to 100 cm long, alternate, and distinctly V-shaped in cross-section (especially near the base). The inflorescence is typically branched, 15-40 cm long, and equal or slightly longer than the leaves. The upper branches have 5-12 ball-like, leafless staminate heads above a single (rarely 2), basal, sessile, bur-like pistillate head that is 2-2.5 cm across at maturity. The perianth consists of spoon-shaped bracts with membranous margins that is nearly equals in length the achene in pistillate flowers. Fruits are top-shaped achenes 8-10 mm long that narrow abruptly to the beak, and typically have 2 stigmas (Gleason and Cronquist 1991; Cronquist et al. 1977).

Similar Species: Other *Sparganium* spp. in Wyoming have a single stigma, mature achenes that narrowly taper to the beak and greatly exceed the perianth, and unbranched inflorescences (Dorn 1992; Hitchcock et al. 1959).

Flowering/Fruiting Period: June-August.

Distribution: British Columbia to Newfoundland, south to Baja California,



Wyoming distribution of *Sparganium eurycarpum*.

Utah, Missouri, and Florida. In Wyoming, known from the Eastern Plains and Black Hills in Crook, Niobrara, and Sheridan counties. Also recently reported from Albany County.

Habitat: Wet meadows and marshes in shallow water and on mud.

Occurrences in Wyoming: Known from 2 extant and one historical occurrences in Wyoming.

Abundance: Not known.

Trends: Not known.

Protection status: All known occurrences are on public, state, or private lands managed for multiple use.

Threats: May be impacted by development of wetland sites, weed control, and water pollution.

Managed Areas: Occurs on Black Hills National Forest.

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Updated: 00-11-24