

-State Species Abstract-
-Wyoming Natural Diversity Database-

CAREX ROSEA
ROSY SEDGE
Family: Cyperaceae

Status:

US Fish & Wildlife Service: None.

Agency Status: None.

Heritage Rank:

Global: G5 State: S1

WYNDD Plant List: Disjunct (Medium conservation priority)

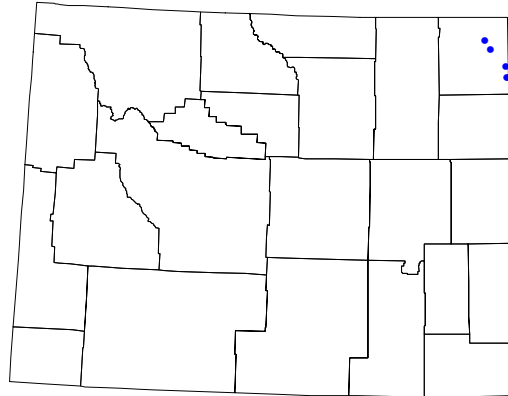
Description: Rosy sedge is a tufted perennial graminoid with slender, sharply triangular culms 20-50 cm tall. Leaves are 1-2 mm wide. The inflorescence consists of several scattered, rounded heads, each 3-5 cm long, and with staminate flowers located above the pistillate ones. Pistillate scales are triangular-ovate and unawned. Perigynia are 2-sided and flattened, 3-3.5 mm long and 1.5 mm wide, taper to a slender beak, and diverge in all directions. Fruits are 2-sided achenes. Stigmas 2 (Great Plains Flora Association 1986).

Similar Species: *Carex interior* has spikes with pistillate flowers located above the staminate flowers. *C. disperma* has a minute beak (under 0.25 mm), often fewer than 4 perigynia per spike, and long-creeping rhizomes (Dorn 1992).

Flowering/Fruiting Period: June-July.

Distribution: Newfoundland to Manitoba, south to Georgia, Louisiana, and Oklahoma, with disjunct populations in the Black Hills of Wyoming (Crook County).

Habitat: Moist to dry open woodlands (Great Plains Flora Association). In Wyoming, this



Wyoming distribution of *Carex rosea*.

species is known from wet, wooded draws of Paper birch/hazelnut and pond margins at 49000-6000 feet.

Occurrences in Wyoming: Known from 5 occurrences in Wyoming, all of which have been discovered since 1982 (observed most recently in 1989).

Abundance: Not known.

Trends: Not known.

Protection status: One occurrence is found within the Dugout Gulch Special Botanical Area on Black Hills NF. All other occurrences are on National Forest lands managed for multiple use.

Threats: Not known.

Managed Areas: Occurs on Black Hills National Forest.

References:

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Great Plains Flora Association. 1986. Flora of the Great Plains. Univ. Kansas Press, Lawrence, KS.

Holmgren, N. 1998. Illustrated Companion to Gleason and Cronquist's Manual - Illustrations of the Vascular Plants of Northeastern United States and Adjacent Canada. New York Botanical Garden, Bronx NY.

Marriott, H.J. 1989. Suitability investigation report for a proposed Bear Lodge Pass (Alva Summit) Special Botanical Area, Black Hills National Forest. Prepared for Black Hills National Forest by the Wyoming Natural Diversity Database, Laramie, WY.

Marriott, H.J. 1989. Suitability investigation report for a proposed Dugout Gulch Special Botanical Area, Black Hills National Forest. Prepared for Black Hills National Forest by the Wyoming Natural Diversity Database, Laramie, WY.

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