

-State Species Abstract-
-Wyoming Natural Diversity Database-

DESCHAMPSIA DANTHONIOIDES
ANNUAL HAIRGRASS
Family: Poaceae

Status:

US Fish & Wildlife Service: None.

Agency Status: None.

Heritage Rank:

Global: G5 State: S1

WYNDD Plant List: Peripheral (Low conservation priority)

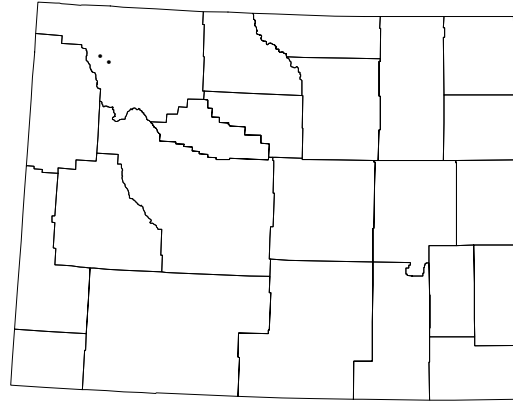
Description: Annual hairgrass is an annual graminoid with glabrous stems (culms) 15-60 cm tall. Leaves are glabrous with narrowly inrolled blades 0.5-1.5 mm wide and rough margins. Ligules are membranous, entire, sharp-tipped, and under 6.5 mm long. The inflorescence is an erect, open panicle 7-25 cm long. Spikelets contain 2 florets that are shorter than the 4-8 mm long glumes. Lemmas are 2-3 mm long, shiny, and have a bent awn 4-6 mm long. (Hallsten et al 1987, Dorn 1977, 1992; Cronquist et al. 1977).

Similar Species: *Deschampsia cespitosa* and *D. elongata* are perennials with more numerous leaves (Dorn 1992).

Flowering/Fruiting Period: June-August.

Distribution: Alaska and Yukon south to Baja California, Nevada, Utah, and western Montana, with disjunct populations in Chile and Argentina. In Wyoming, known from the Absaroka Range in Park County.

Habitat: This species inhabits vernal seepage areas with sandy soil at the edge of conifer forests at 7200-8200 feet. Hallsten et al



Above: Wyoming distribution of *D. danthonioides*.

(1987) also describe it from sagebrush habitats.

Occurrences in Wyoming: Known from 2 extant and 1 historical records in Wyoming. An additional recent report still needs to be confirmed.

Abundance: Not known.

Trends: Not known.

Protection Status: The two extant occurrences are in the Washakie Wilderness Area and Yellowstone National Park. An unconfirmed report from Fremont County occurs on TNC's Sweetwater Preserve.

Threats: Not known.

Managed Areas: Occurs in Shoshone National Forest and Yellowstone National Park.

References:

Dorn, R.D. 1992. Vascular Plants of Wyoming, second edition. Mountain West Publishing, Cheyenne, WY.

Fertig, W. 1998. The status of rare plants on Shoshone National Forest: 1995-97 survey

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Hallsten, G.P., Q.D. Skinner, and A.A. Beetle. 1987. Grasses of Wyoming, 3rd Ed. Research Journal 202, Agricultural Experiment Station, University of Wyoming, Laramie.

Porter, C.L. 1964. A Flora of Wyoming, Part III. Bulletin 418:1-80. Agricultural Experiment Station, University of Wyoming.

Author: Kevin O'Dea and Walter Fertig

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