

-State Species Abstract-
-Wyoming Natural Diversity Database-

DROSERA ANGLICA
ENGLISH SUNDEW
Family: Droseraceae

Status:

US Fish & Wildlife Service: None
Agency Status: USFS R2 sensitive

Heritage Rank:

Global: G5 State: S2
WYNDD Plant List: Peripheral (Low
conservation priority)

Description: English sundew is an insectivorous perennial herb with stems 6-18 cm tall. Leaves have oblong to spoon-shaped blades 1-3 cm long by 3-4 mm wide, petioles 2-6 cm long, and are covered by long reddish, glandular-tipped hairs which snare insects. The inflorescence is a one-sided raceme of 1-10 flowers with 5 white petals 3-7 mm long. The fruit is a 3-5 valved capsule (Hitchcock et al. 1961; Moss 1983; Marriott 1991).

Synonyms: *Drosera longifolia*.

Flowering/Fruiting Period: July- August.

Distribution: Eurasia and Alaska to California, east to Idaho, Wyoming, and the Great Lakes. In Wyoming, known only from the Yellowstone Plateau, Jackson Hole, and the Beartooth Range.

Habitat: Floating bogs, swamps, and sedge meadows, with soils that are saturated or in very shallow standing water at 6400-8000 feet.

Occurrences in Wyoming: Known from at least 9 extant occurrences in Wyoming (7 of



Above: Reddish mats of fruiting *Drosera anglica* on a floating mat bordering a bog pond. Photo by Sabine Mellmann-Brown.

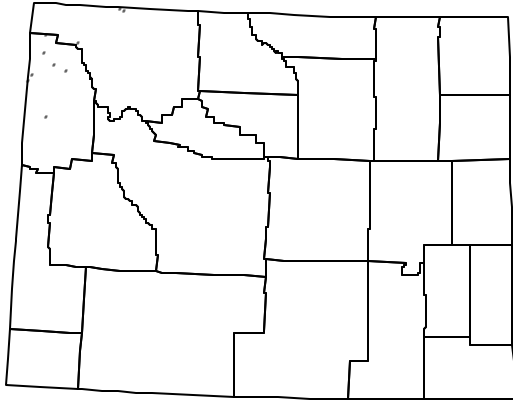
which have been discovered or relocated since 1991, and most recently in 1997) and 1 historical record. Additional populations may occur along the WY/MT border in the Absaroka-Beartooth Wilderness (Sabine Mellmann-Brown, personal comm.).

Abundance: Populations are often reported to be locally abundant, at least within small areas of suitable habitat. Densities as high as 15-19 plants per square foot have been observed in favorable sites.

Trends: Presumed to be stable, although trend data are not available. Some areas of suitable habitat have probably been lost in the past century.

Protection Status: At least 9 occurrences are in Grand Teton and Yellowstone National Parks, the JDR Parkway, or the Absaroka-Beartooth Wilderness Area. One occurrence is within the potential Lake Creek Research Natural Area.

Threats: The floating mat habitat of this species is extremely sensitive to trampling



Above: Wyoming distribution of *D. anglica*.

by people or livestock. Overcollection of this carnivorous plant for cultivation could be a potential problem.

Managed Areas: Known occurrences in Wyoming are found in Grand Teton and Yellowstone National Parks, the John D. Rockefeller Parkway, and Shoshone National Forest.

References:

Clark, T.W. and R.D Dorn (eds). 1979. Rare and endangered vascular plants and vertebrates of Wyoming. Published by the authors.

Fertig, W. 1997. Plant species of special concern on Shoshone National Forest: 1996 survey results. Unpublished report prepared by the Wyoming Natural Diversity Database, Laramie, WY.

Fertig, W. 1998. The status of rare plants on Shoshone National Forest: 1995-97 survey results. Report prepared by the Wyoming Natural Diversity Database, Laramie, WY.

Jones, G.P. and W. Fertig. 1999. Ecological evaluation of the potential Lake Creek Research Natural Area within the Shoshone National Forest, Park County, Wyoming.

Unpublished report prepared for the Shoshone National Forest, USDA Forest Service by the Wyoming Natural Diversity Database, University of Wyoming.

Lesica, P. & J. S. Shelly. 1991. Sensitive, Threatened and Endangered Vascular Plants of Montana. Montana Natural Heritage Program, Occ. Publ. No. 1. Helena, MT.

Marriott, H.J. 1991. Rare plants of Grand Teton National Park, annual report. Unpublished report prepared for the National Park Service by the Wyoming Natural Diversity Database, Laramie, WY.

Mills, S. and W. Fertig. 1996. Survey of plant species of special concern on the Shoshone National Forest, 1995. Unpublished report prepared for Shoshone National Forest by the Wyoming Natural Diversity Database, Laramie, WY.

Schnell, D.E. 1995. A natural hybrid of *Drosera anglica* Huds. and *Drosera linearis* Goldie in Michigan. *Rhodora* 97:164-170.

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