

-State Species Abstract-  
-Wyoming Natural Diversity Database-

*ANEMONE NARCISSIFLORA* SSP.  
*ZEPHYRA*  
ZEPHYR WINDFLOWER  
Family: Ranunculaceae

Status:

US Fish & Wildlife Service: None.

Agency Status: None.

Heritage Rank:

Global: G5T4 State: S1

WYNDD Plant List: Regional Endemic  
(Medium Conservation Priority)

Description: Zephyr windflower is a perennial forb with pubescent stems 7-40 cm tall from a stout caudex. The basal leaves are long-petioled, once to twice-ternately compound (divided into 3's) and sparsely pubescent to glabrate. Stem leaves are sessile and 3-parted. Flowers are solitary or number 2-4 in an umbel-like inflorescence. Flowers are 2-3 cm broad with 5-9 yellowish or whitish petal-like sepals (true petals are absent), 40-60 stamens, and numerous pistils. Fruits are glabrous achenes with short-curved styles arranged in a ball-like head (Nelson 1906, Dutton et al 1997, Scott 1997, Dorn 1992).

Synonyms: *Anemonastrum narcissiflorum*;  
*Anemone zephyra*

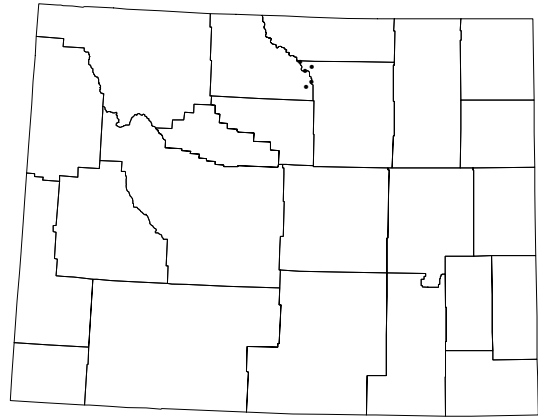
Similar Species: Other *Anemone* spp. in Wyoming have pubescent achenes or petioled stem leaves. The fruits of *Trollius laxus* are follicles (Dorn 1992).

Flowering/Fruiting Period: Flowers from May to August.

Distribution: Regional endemic of NC Wyoming and C Colorado. In Wyoming,

known only from the Bighorn Range in Big Horn, Johnson, and Sheridan counties.

Habitat: Occurs in a variety of habitats in the Bighorn Range from fellfields to alpine meadows, to tundra. The areas are usually moist and the soil is often swampy (Dorn 1992, Scott 1997). Wyoming populations occur at 9600-10700 feet.



Wyoming distribution of *A. narcissiflora* ssp. *zephyra*.

Occurrences in Wyoming: Known from 4 extant occurrences in Wyoming (most recently observed in 1997) and 1 vague historical record (last observed in 1909).

Abundance: Reported as common to abundant at 2 sites in the Bighorn Range, but no formal census has been conducted.

Trends: Not known.

Protection status: Four known occurrences are found within the Cloud Peak Wilderness Area and a fifth is just outside the wilderness boundary on lands managed for multiple use.

Threats: Threats appear to be low.

Managed Areas: All known populations in Wyoming are found in Bighorn National Forest.

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