

***Allium gooddingii* Owenby**
Goodding's Onion

Family: Liliaceae

Synonyms: None

NESL Status: G3

Federal Status: None

Plant Description: Herbaceous perennial. Bulb elongate, 1 cm thick, terminating in a thick, iris-like rhizome. Outer bulb coats veined with parallel, not net-like, fibers. Leaves obtuse, flat, strap-like 12-30cm long, 8mm wide. Flowers purplish-pink, 1 cm wide; 6 petals, arranged in an umbel of about 20 flowers; flower stalk erect, longer than the leaves, up to 45 cm long. Flowering time is from the beginning of July to mid August.

Similar Species: *Allium gooddingii* can be distinguished from other species of onions within its range by its broad, flat, rather blunt leaves, its bulbs on thick iris-like rhizomes, and its thick bulb coat of persistent parallel fibers.

Habitat: Generally in spruce-fir forests and mixed conifer forests; in the Chuska Mts also under Gambel oak thickets interspersed with aspen, dogwood, and Douglas fir; in moist, shady canyon bottoms and north-facing slopes, often along streams. 6400 – 9400 ft elevation.

General Distribution: Apache Co, Greenlee Co, Pima Co., AZ, and New Mexico.

Navajo Nation Distribution: Canyon de Chelly, Chuska Mts, Apache County, AZ, McKinley & San Juan counties, NM.

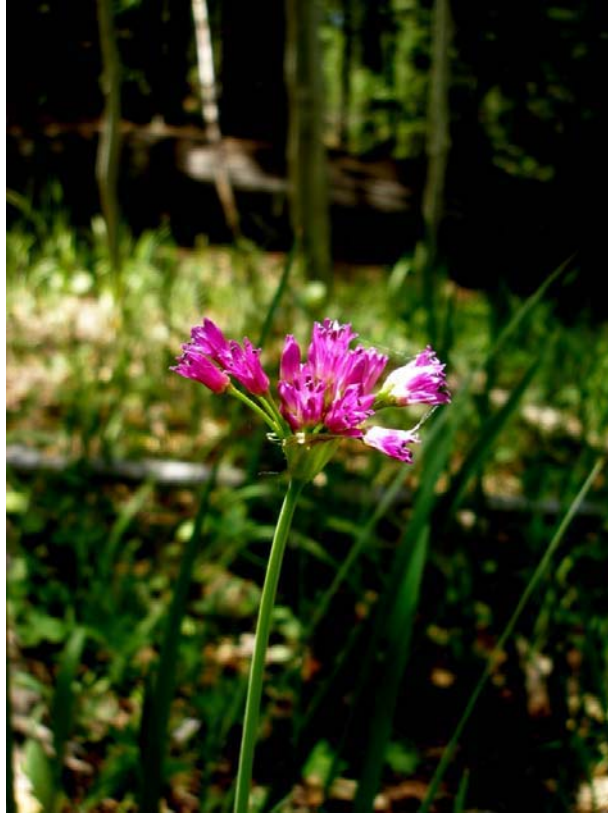
Potential Navajo Nation Distribution: Throughout the Chuska Mts and the Defiance Plateau.

Survey Period: Mid July to August. Suitable habitat can be identified year round.

Avoidance: A 200 ft buffer zone is recommended to avoid disturbance; may be more, depending on slope, size and nature of the project. Any activity impacting groundwater will need special consideration

References:

- Arizona Rare Plant Committee. 2001. Arizona rare plant field guide: a collaboration of agencies and organizations. Washington: U.S. Government Printing Office. <http://aznps.org/rareplants.html>
- Kearney, T. H., R. H. Peebles, and collaborators. 1960. Arizona Flora. Second edition with supplement by J. T. Howell, E. McClintock, and collaborators. University of California Press, Berkeley, 1085 pp.
- Kelly, K. and J. McGinnis. 1994. Highly Safeguarded Protected Native Plants of Arizona. Arizona Department of Agriculture, Phoenix, AZ.
- McDougall, W.B. 1973. Seed Plants of Northern Arizona. Museum of Northern Arizona, Flagstaff, AZ.
- USDI Fish & Wildlife Service and USDA Forest Service, Southwest Region. 1997. Goodding's Onion (*Allium gooddingii*); Conservation Assessment and Strategy.



Allium gooddingii

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Allium gooddingii habitat

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