

***Errazurizia rotundata* (Wooton) Barn.**
Round dune-broom

Family: Fabaceae

Synonym: *Paryella rotundata* Wooton

NESL Status: G3

Federal Status: None

Plant Description: A low, woody shrub, up to 3 dm tall, spreading clonally. The herbage is strigulose-canescenscent, with many prominent orange or purple, prickle shaped glands; leaves 3 – 13 cm long, with a recurving rachis and 29 to 61 broadly oblong-ovate to orbicular leaflets, 1 – 8 mm long, diminishing upward along the rachis. Spikes shortly 6 – 14 flowered, the axis not over 2 cm long in fruit. Calyx 5 – 6 mm long, turbinate-campanulate, the tube prominently 10-ribbed and glandular in the intervals. Flowers are about 5 mm long with only a pale yellow banner and no keels or wings. Pods are ovoid-ellipsoid, slightly compressed, and 9 – 11 mm long. Flowering period is from late April to late May.

Habitat: Known from several types of outcrops ranging from sandy soils in sandstone, gravelly soils in calcareous outcrops, to deep, alluvial cinders in sandstone breaks. Generally in exposed habitats in the semi-arid environment of the Great Basin Desertscrub. On the Navajo Nation populations are known from sandy pockets between outcroppings of Moenave Sandstone. Populations are known from 4600 to 5200ft elevation.

General Distribution: Coconino and Navajo Co, AZ, near Tuba City, Winslow, Holbrook, and Wupatki National Monument.

Known Distribution on the Navajo Nation: Known from between Moenave and Willow Springs, Coconino Co., AZ.

Potential Navajo Nation Distribution: In suitable habitats between Gap, Coconino County, and Petrified Forest NP, Apache Co., AZ.

Survey Period: Can be identified from mid April through September.

Avoidance: A 200 ft buffer zone is recommended to avoid disturbance; may be more or less depending on slope, size and nature of the project.

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>
- McDougall, W.B. 1973. Seed Plants of Northern Arizona. Museum of Northern Arizona, Flagstaff, AZ.
- 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.



Errazurizia rotundata

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Errazurizia rotundata habitat

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