

***Atriplex garrettii* Rydb. var. *navajoensis* (C.A. Hanson) S.L. Welsh & Crompton**
Navajo Saltbush

Family: Chenopodiaceae

Synonyms: *Atriplex navajoensis* C.A. Hanson

NESSL Status: G4

Federal Status: None

Plant Description: Dioecious shrub or subshrub to 1.5m tall. Leaf blades yellow green, orbiculate or oblanceolate; subopposite proximally, alternate distally. Staminate flowers yellow, in panicles to 15cm. Pistillate flowers in panicles to 30cm. Fruiting bracteoles sessile or on stipes to 3mm, body 4-winged, 6-10 mm, wings lateral, 2-4 mm wide, bract wings deeply denticulate. Flowering July to October.

Similar species: *A. garrettii* var. *garretti* is much smaller, has brown staminate flowers and has bracts not nearly as denticulate as *A. garrettii* var. *navajoensis*.

Habitat: On Moenkopi Shale, often overlain with a Kaibab Limestone. Salt desert shrub communities at 3000 – 4000ft.

Distribution: Northern Coconino County, AZ, vicinity of Marble Canyon.

Navajo Nation Distribution: East side Marble Canyon from Lee's Backbone to Jackass Canyon.

Potential Navajo Nation Distribution: East side of Marble and Glen Canyon from Glen Canyon Dam to south and west of Echo Cliffs, along the tributary canyons of the Colorado River, south to Shinumo Wash.

Survey Period: August through November.

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

References:

Flora of North America Editorial Committee, eds. 2003. Vol. 4: Magnoliophyta: Caryophyllidae, part 1. Oxford University Press, New York. 559 pp..

Hanson, C.A. 1962. New species of perennial *Atriplex* from the western United States. Studies in Systematic Botany, No. 1. Brigham Young University Press, Provo, UT.



Atriplex garrettii var. *navajoensis*

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Atriplex garrettii var. *navajoensis* habitat

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