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### *PLATANTHERA ZOTHECINA*

**Scientific name:** *Platanthera zothecina* (Higgins & Welsh) Kartesz & Gandhi  
(common name) Alcove bog-orchid

**Family:** Orchidaceae (Orchid family )

**Synonyms:**

*Habenaria zothecina* Higgins & Welsh, *Limnorchis zothecina* (Higgins & Welsh) Weber

**Global Distribution:**

Colorado-Green river drainage regional endemic in Emery, Garfield, Grand, Kane, San Juan, Uintah (?) and Wayne Counties in Utah; and in adjoining Arizona (mainly Navajo and Apache Cos.) and Colorado (Moffat Co.)

**Land Ownership:**

Navajo Nation Tribal Lands, BLM - Moab and Monticello Field Offices, NPS - Arches NP, Natural Bridges NM, Dinosaur NM, Capitol Reef NP, Glen Canyon NRA, and Canyonlands NP, and private (?)

**Habitat:**

Seeps, hanging gardens, and moist stream banks in mixed desert shrub, pinyon-juniper, and oakbrush communities, between 4,000 and 6,200 feet elevation, late July - August.

**Comments:**

Distinct from other species by the spur length, which is 1.5 - 2 times as long as the lip and wide-spreading leaves usually limited to the lower portion of the stem.

# *Platanthera zothecina*



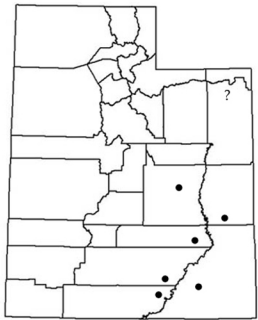
Habitat (D. Trotter)



Hanging garden habitat in Utah and plant closeups (S. Topp)



Hanging garden habitat in Arizona and flower closeups (D. Roth, Navajo Natural Heritage Program)



Species Distribution



Closeup (W. Jennings)