

## PALE-FLOWERED POLYSTACHYA

*Polystachya concreta* (Jacq.) Garay & Sweet

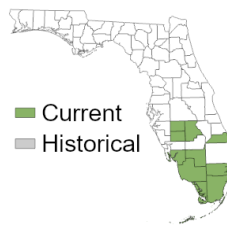
**Synonyms:** *Polystachya extinctoria* REICHB.

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**Family:** Orchidaceae (orchid)

**FNAI Ranks:** G3G5/S3

**Legal Status:** US-none FL-Endangered



Plants with inconspicuous pseudobulbs; multiple leaves per stem; leaves linear-lanceolate. Epiphytic on live oak (*Quercus virginiana*) in mesic hammock at Okaloacoochee Slough Wildlife Management Area. Photo by Kelly Anderson.

**Field Description:** Epiphytic orchid, cespitose with thickened stem bases. Flowers are produced on simple racemes or in racemose panicles. The non-resupinate flowers are yellow to pale green with a white lip.

**Similar Species:** This orchid is distinguished by its epiphytic growth, yellowish secund flowers, and inconspicuous pseudobulbs.

**Related Rare Species:** None.

**Habitat:** Cypress swamps, hammocks, and mangroves; epiphytic.

**Best Survey Season:** Fall-winter; August to December.

**Range-wide Distribution:** Pantropical. In Florida, restricted to the southern peninsula north to Hardee and Polk counties.

**pale-flowered polystachya**

*Polystachya concreta*

**Conservation Status:** Listed state-endangered and vulnerable, this species is vouchered for 10 counties in south Florida.

**Protection and Management:** Protect from poaching.

**References:** Wunderlin and Hansen 2011.



Dried flowers born on a second terminal panicle; leaves linear-lanceolate. Epiphytic on live oak (*Quercus virginiana*) at Okaloacoochee Slough Wildlife Management Area. Photo by Kelly Anderson.



Fruits born on a second terminal panicle. Epiphytic on live oak (*Quercus virginiana*) in a mesic hammock at Okaloacoochee Slough Wildlife Management Area. Photo by Kelly Anderson.



Plants with inconspicuous pseudobulbs; multiple leaves per stem; leaves linear-lanceolate. Epiphytic on live oak (*Quercus virginiana*) in floodplain swamp at Fisheating Creek Wildlife Management Area. Photo by Kelly Anderson.