

Calochortus umpquaensis

Liliaceae

Umpqua mariposa lily



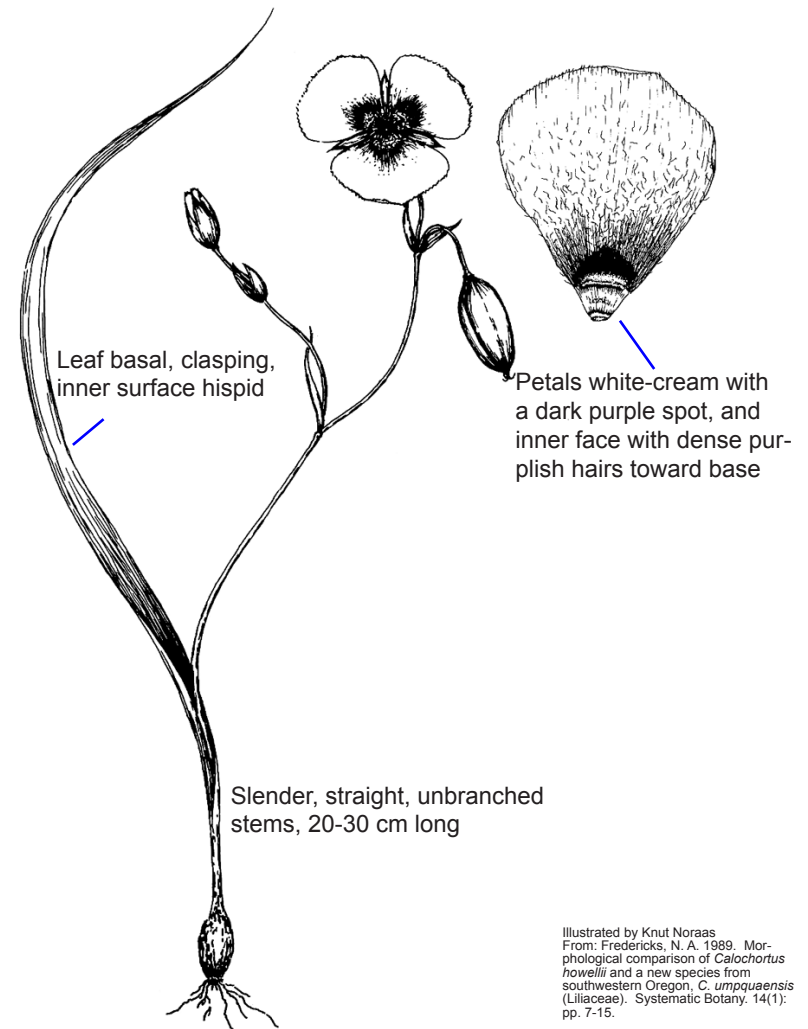
Scott sundberg



Scott sundberg



Mary Douglass Stovall



Illustrated by Knut Noraas
From: Fredericks, N. A. 1989. Mor-
phological comparison of *Calochortus*
howellii and a new species from
southwestern Oregon. *C. umpquaensis*
(Liliaceae). *Systematic Botany*. 14(1):
pp. 7-15.

Erect, perennial herb arising from a bulb. Stem not branching, slender, straight, 20-30 cm long, glabrous or glaucous. Bulbs ovoid with a membranous coat. Leaf basal, solitary, clasp- ing, narrowly lanceolate, outer surface glabrous or glaucous, inner surface hispid. Inflorescence 1-several flowered; bracts 2, subopposite, narrowly lanceolate. Flowers erect, campanulate; petals broad to narrowly obovate, about 3.5 cm long, white to cream colored with a dark purple- black, pentagonal to lunate petal spot; erose margins; outer petal face glabrous; inner petal face with dense purplish hairs on lower half of petal, increasingly sparse white hairs on upper half; gland slightly depressed; sepals lanceolate- acuminate, about 2 cm long. Fruit a capsule, nodding, 3.0-5.4 cm long. Seeds 2.8-3.5 mm long, with inflated bulbous crest and hollow lateral ridge.

Lookalikes

Calochortus howellii

Calochortus tolmiei

Calochortus greenei

differs from featured plant by

its erect capsule and green petal tissue above gland.
its pale lilac petals and a densely hairy inner petal face
throughout.

its lilac petals and glabrous inner leaf surface.

best survey times
J | F | M | A | M | J | J | A | S | O | N | D

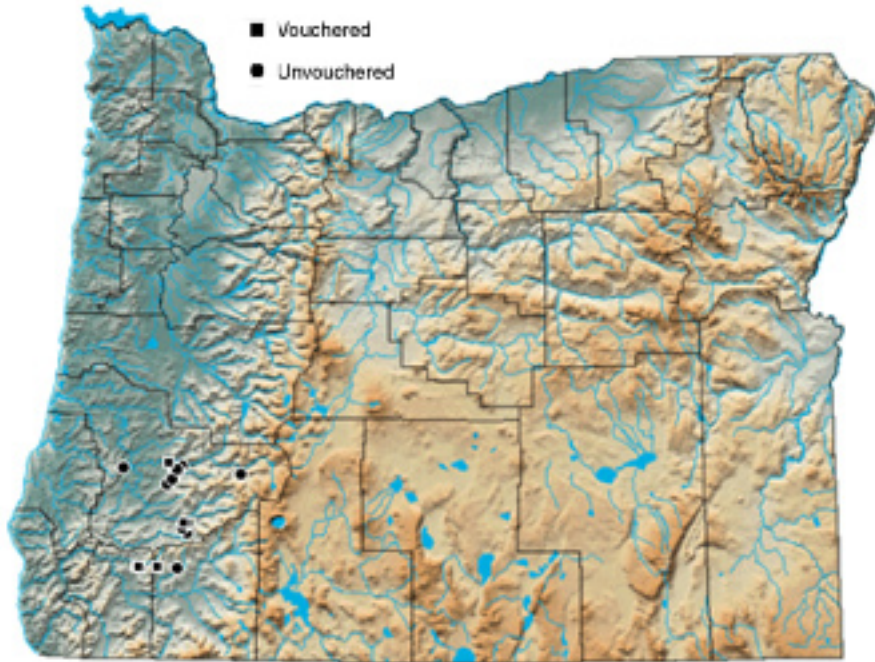


Calochortus umpquaensis Fredricks

Umpqua mariposa lily

PLANTS symbol: CAUM5

October 2006 status Federal:SOC; Oregon:LE; ORNHIC:S1, List 1



Distribution: Watson and Ace William Mountains, Douglas County, OR, also found in Jackson and Josephine Counties, OR.

Habitat: Transitional zone between forest and grassland, on serpentine soils.

Elevation: 270 - 820 m

Best survey time (in flower): June – July

Associated species:

Arabis oregana (Oregon rockcress)

Calochortus tolmiei (Tolmie star-tulip)

Calocedrus decurrens (Incense cedar)

Balsamorhiza sericea (Silky balsamroot)

Pinus jeffreyi (Jeffrey pine)

Camassia howelli (Howell's camas)

Lewisia cotyledon (Siskiyou lewisia)

