

## *Mirabilis macfarlanei*

Nyctaginaceae

Macfarlane's four-o'clock

Wilbur L. Bluhm



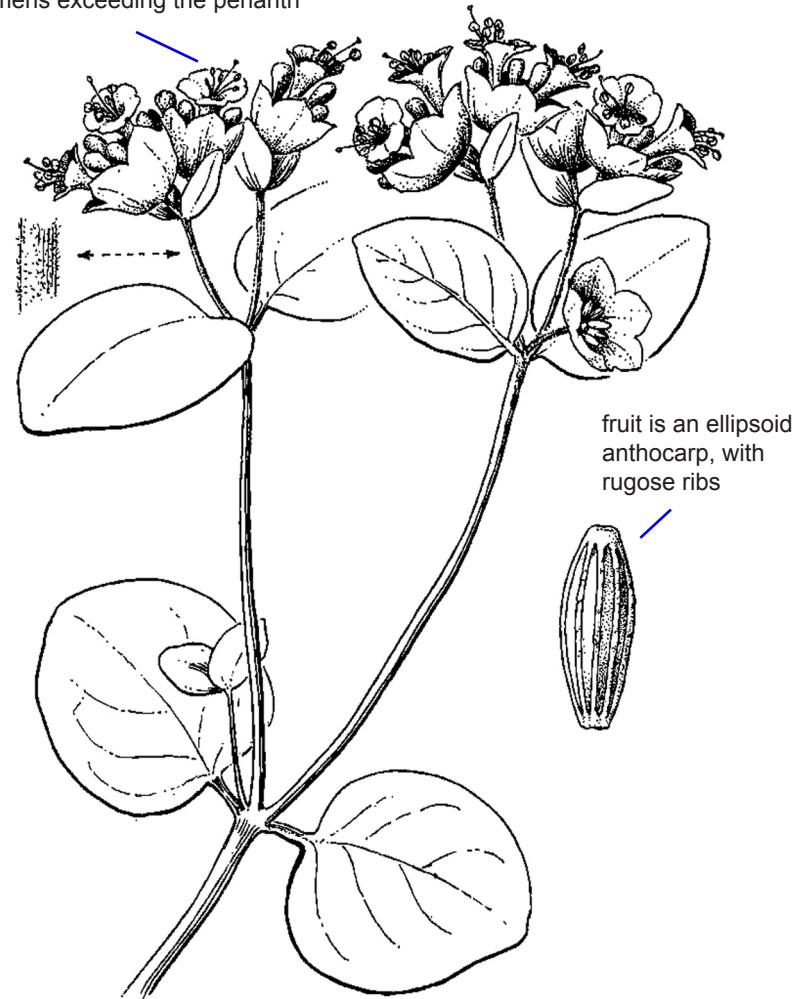
Gene Harris Yates



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



Funnelform flowers on terminal stalks, rose-purple, stamens exceeding the perianth



Plant is a stout perennial, 60-100 cm tall

Illustration by Jeanne R. Janish  
VASCULAR PLANTS OF THE  
PACIFIC NORTHWEST (1964)  
Hitchcock, Cronquist, & Ownbey,  
courtesy of University of Washington Press.

Plant a stout perennial forming large clumps, 60 to 100 cm tall. **Stems** decumbent or ascending, branched, puberulent. **Leaves** opposite, circular to ovate-oblong, obtuse at the apex and may be sub-cordate at the base, short petiole, 5-20 mm. **Inflorescence** on terminal stalks or in upper axils, involucres 4-7 flowered, greenish to purplish, perianth rose-purple, broadly funnelform, stamens exceeding the perianth. **Fruit** is an ellipsoid anthocarp, glabrous, ribbed and rugose-tuberculate on the ribs.

### Lookalikes

This species is distinctive and cannot easily be confused with other species in its range.

### differs from featured plant by

# *Mirabilis macfarlanei* Constance & Rollins

Macfarlane's four-o'clock

PLANTS symbol: MIMA2

August 2019 status Federal:LT; Oregon:LE; ORBIC: List 1



**Distribution:** Snake and Imnaha River canyons in Wallowa County, Oregon and Salmon River in Idaho.

**Habitat:** Rock slides and canyon walls, in sandy to gravelly talus.

**Elevation:** 300-900 m

**Best survey time (in flower):** May

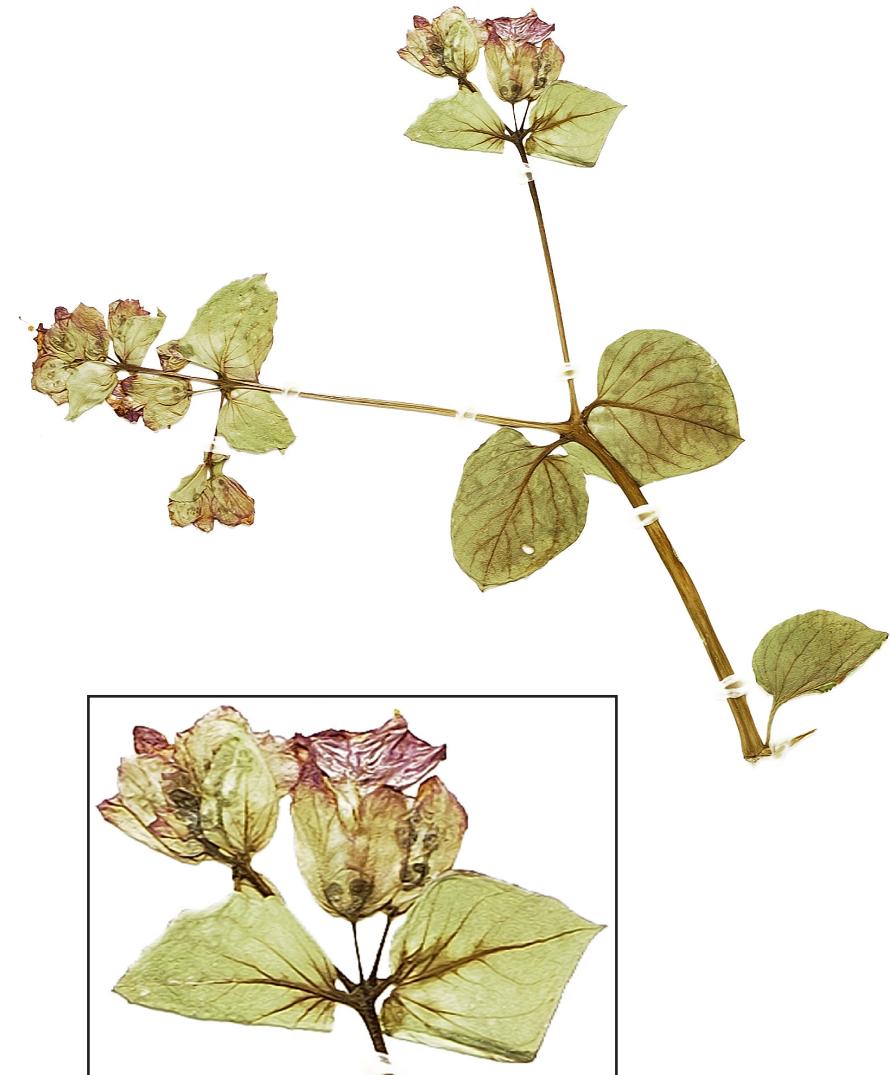
**Associated species:**

*Pseudoroegneria spicata* (Beardless bluebunch wheatgrass)

*Bromus tectorum* (Cheatgrass brome, Downy chess)

*Festuca idahoensis* (Idaho fescue, Blue bunchgrass)

*Melilotus* (Sweet clover)



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