

**Castilleja chambersii**

Scrophulariaceae  
Chambers' paintbrush  
Clatsop paintbrush



Mark Egger



Mark Egger



Mark Egger

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

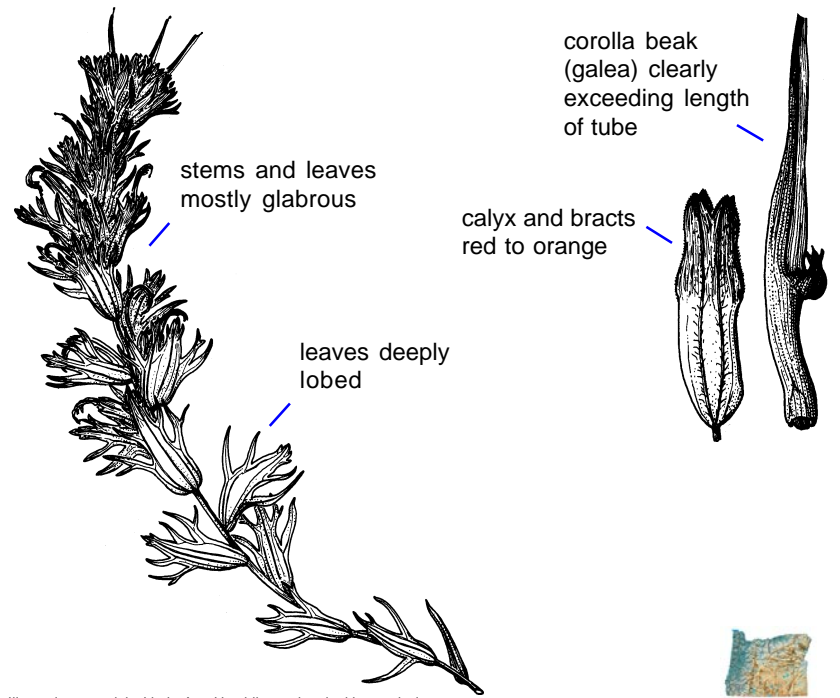
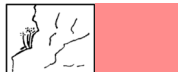
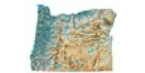


Illustration copyright Linda Ann Vorobik, reprinted with permission from M. Egger and R. J. Meinke, "Castilleja chambersii (Scrophulariaceae), a new rare species from the northern Coast Range of Oregon," Brittonia 51:445-451, fig. 1, copyright 1999, The New York Botanical Garden.



high peaks in northern Coast Range

Low-growing perennial herb from a thick, woody caudex. **Stems** 15-35 cm long, glabrous below the inflorescence to very sparsely arachnoid-silky in the inflorescence. **Cauline leaves** 2-4 cm long, 1.5-3.5(4.5) cm wide, usually obovate, slightly auriculate at base of blade; distal portion strongly divided into 5-9(11) widely spreading, lanceolate to linear-lanceolate, these lobes often unequally divided on either side of the central axis and/or occasionally divided into secondary, sometimes irregular segments, glabrous to sometimes sparsely silky-hairy along veins of abaxial surfaces. **Inflorescence** a densely flowered spike, 3-15 cm long; bracts 2-3.5 x 1.5-3.5 cm, broadly obovate, usually cleft only at or above the mid-point into 5-9(11) upright to ascending, narrowly to broadly lanceolate or triangular lobes, these often unequally divided on either side of the central axis and/or occasionally divided into secondary, sometimes irregular segments, bracts and calyx pale green at base, bright scarlet-red to pale reddish orange on the distal two-thirds, often fading to pale yellowish orange with age, glabrous to finely villous-silky along the veins. **Flowers:** calyx 20-28 mm long, divided ca. 1/3 in front and back; lobes 7-11 mm long, secondary segments 2-4 mm and acute to obtuse; corolla 30-45 mm long, beak 18-24 mm long, equal to or usually greater than the length of the tube, strongly exerted beyond calyx, dorsally greenish to yellow-green, and glabrous to minutely puberulent, with narrow, shiny, glabrous, reddish pink margins; lower lip 1-2 mm long, usually included within the calyx and strongly reduced to 3 greenish to dull purplish, incurved teeth; stigma exerted 1-4 mm beyond corolla. **Capsule** ovate, 8-14 x 4-10 mm.

**Lookalikes**

*Castilleja* spp. .... Other species of paintbrush in northwestern Oregon do not have the combination of divided leaves, a corolla beak equal to or longer than the tube, red bracts, mostly glabrous stems, and mostly obovate bracts.

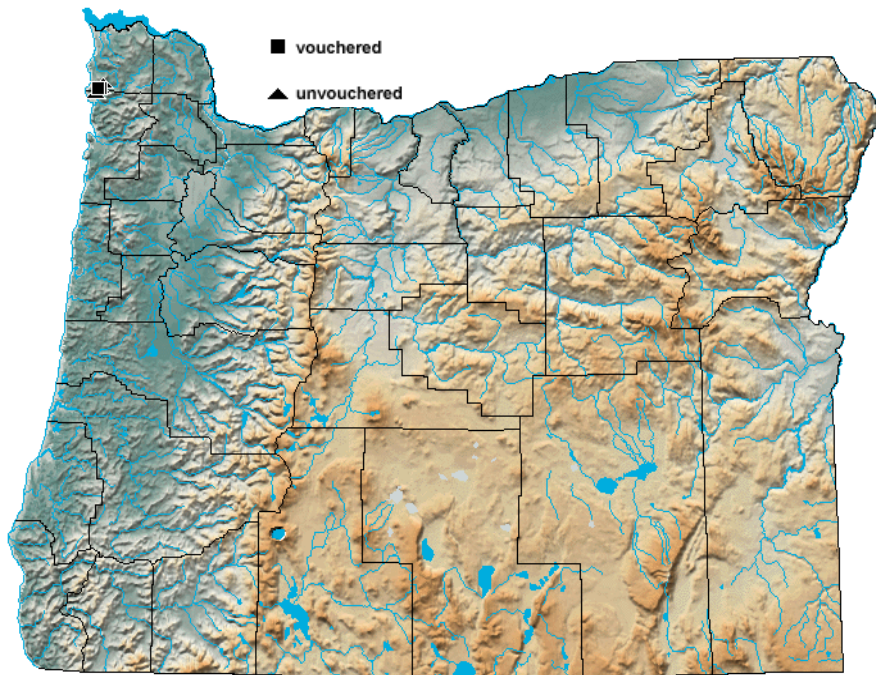
**differs from featured plant by**

# *Castilleja chambersii* J.M. Egger & Meinke

Chambers' paintbrush

Clatsop paintbrush

August 2019 status Federal:SOC; ORBIC: List 1



**Distribution:** Endemic to high elevation peaks in the Coast Range of Clatsop Co.

**Habitat:** Open rocky areas, grassy ledges.

**Elevation:** 2300-3100 feet

**Best survey time (in flower):** (May)June-August

### Associated species:

*Penstemon cardwellii* (Cardwell's penstemon)

*Polystichum munitum* (common sword fern)

*Lilium columbianum* (Columbia lily)

*Achillea millefolium* (yarrow)

*Erigeron peregrinus* (wandering daisy)

*Nabalus hastatus* (western rattlesnake root)

*Packera flettii* (Flett's groundsel)

*Sedum spathulifolium* (broad leaved stonecrop)

*Montia parvifolia* (littleleaf miners lettuce)



Oregon Flora

<https://oregonflora.org>

Published August 2019