

Frasera umpquaensis

Gentianaceae
Umpqua fraseria



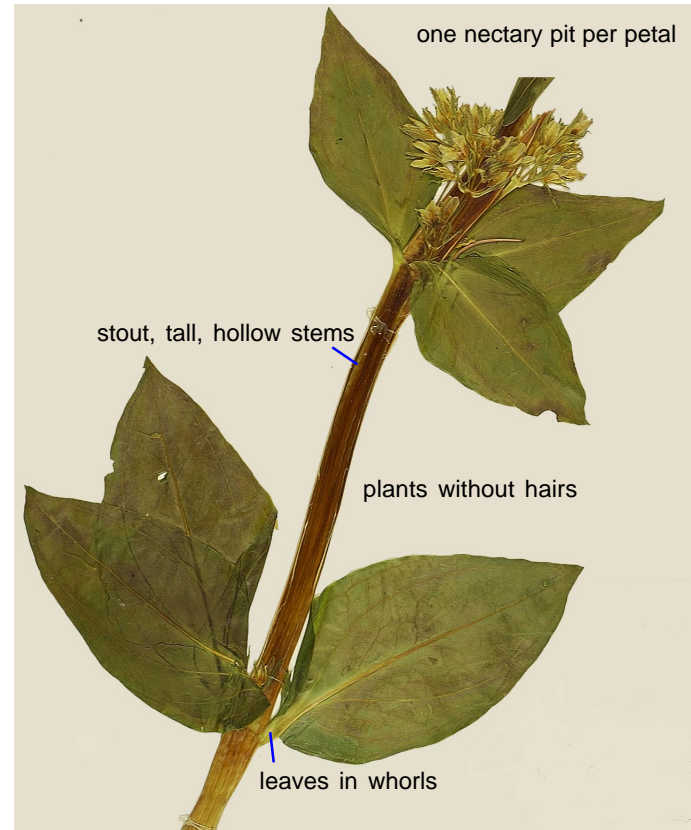
Tom Kaye



Tom Kaye



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one nectary pit per petal

stout, tall, hollow stems

plants without hairs

leaves in whorls

Glabrous biennial. **Stem** stout, solitary from a short caudex, hollow, simple, 60-90 cm high. **Leaves** in whorls or 3 or 4 or the upper-most opposite, elliptic-oblong or broadly lance-oblong, 10-20 cm long, narrowed to very short, ill-defined petioles. **Inflorescence** 10-30 cm long, interrupted, dense, the lowest branches in the axils of the upper leaves, the bracts above much reduced, the pedicels a little longer to much shorter than the flowers. **Flowers** with calyx-segments linear to lance-linear, somewhat unequal, 9-12 mm long, each with a tuft of short setae at base within; corolla greenish white with a tuft of long hairs just below each sinus, the narrowly ovate-oblong divisions 3- or 4-toothed at tip; nectary pit near the base solitary, large, deep, suborbicular, extending nearly across the segment and bordered all round by a narrow membrane bearing a fringe of long setae, the area below the pit bearing similar setae; filaments filiform, ca. half the length of the corolla-divisions. **Capsules** compressed.

Lookalikes

Frasera speciosa two nectary pits per petal
(giant fraseria)
Rainiera stricta leaves not whorled
(=*Luina stricta*)

Differs from featured plant by

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

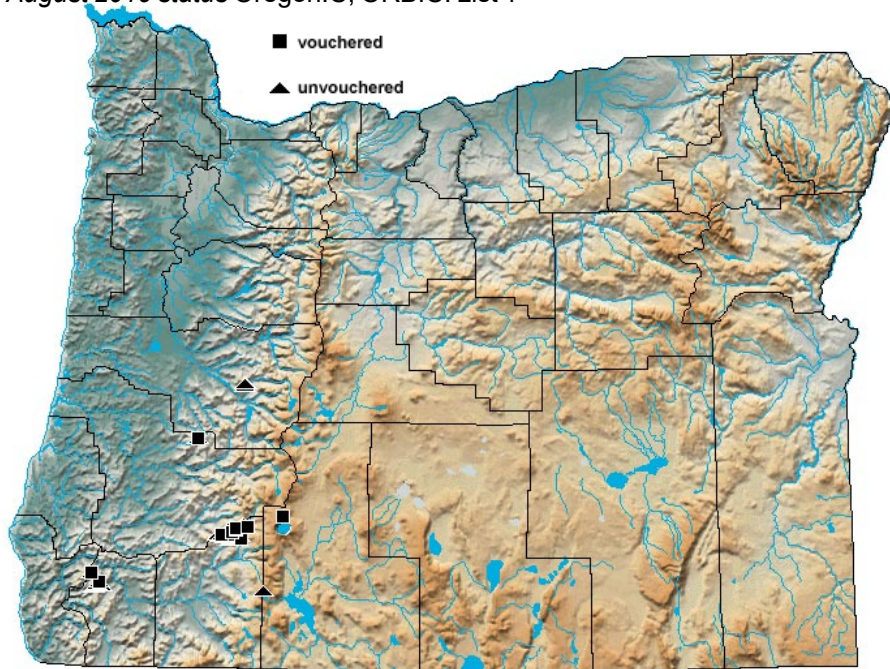


Frasera umpquaensis M. Peck & Applegate

Umpqua fraseria

PLANTS symbol: FRUM2

August 2019 status Oregon:C; ORBIC: List 1



Distribution: Southern Cascade Mountains; Siskiyou Mountains; northern California.

Habitat: Coniferous forests dominated by true firs; in damp, shaded sites under forest canopy, forest edges, occasionally in the open.

Elevation: 3000-6100(6500) feet

Best survey time(in flower): late June-early August

Associated species:

Abies amabilis (Pacific silver fir)

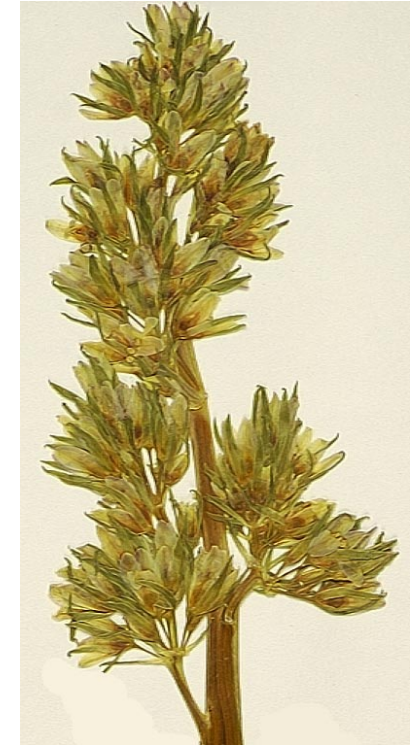
Abies grandis (grand fir)

Trifolium howellii (Howell's clover)

Rudbeckia occidentalis (western coneflower)

Pteridium aquilinum (bracken fern)

Chimaphila umbellata (prince's pine)



1 cm



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