

A SYSTEMATIC ANALYSIS OF *EPILOBIUM*

angustifolium vs. latifolium

Taxonomy

- Class- Magnoliopsida
 - Order- Myrtales
 - Family- Onograceae
 - Genus- Circaea
 - Genus- Epilobium

Onograceae

Evening Primrose

- ▣ Mostly Herbs, some shrubs
- ▣ Leaves- Simple, lacking stipules
- ▣ Flowers- Perfect, mostly actinomorphic
- ▣ Ovary Inferior
- ▣ Stamens 4-8
- ▣ Fruit- Long capsule



Circaea vs. Epilobium

CIRCAEA

- ▣ Sepals and petals -2
- ▣ Stamens- 2
- ▣ Fruit-Indehiscent
Capsule

EPILOBIUM

- ▣ Sepals and Petals- 4
- ▣ Stamens – 8
- ▣ Fruit- Dehiscent
Capsule

Epilobium

ANGUSTIFOLIUM

- ▣ Plant erect
- ▣ Many flowered
- ▣ Leaves
 - Lancolate
 - Glabrous
 - Underside veiny
- ▣ Style pubescent at base
- ▣ Stamens shorter than style (older plant)

LATIFOLIUM

- ▣ Plant decumbent
- ▣ Few flowered
- ▣ Leaves
 - Elliptic ovate- lancolate
 - Fine pubescence
 - Underside not veiny
- ▣ Style glabrous
- ▣ Stamens longer than style

Distribution

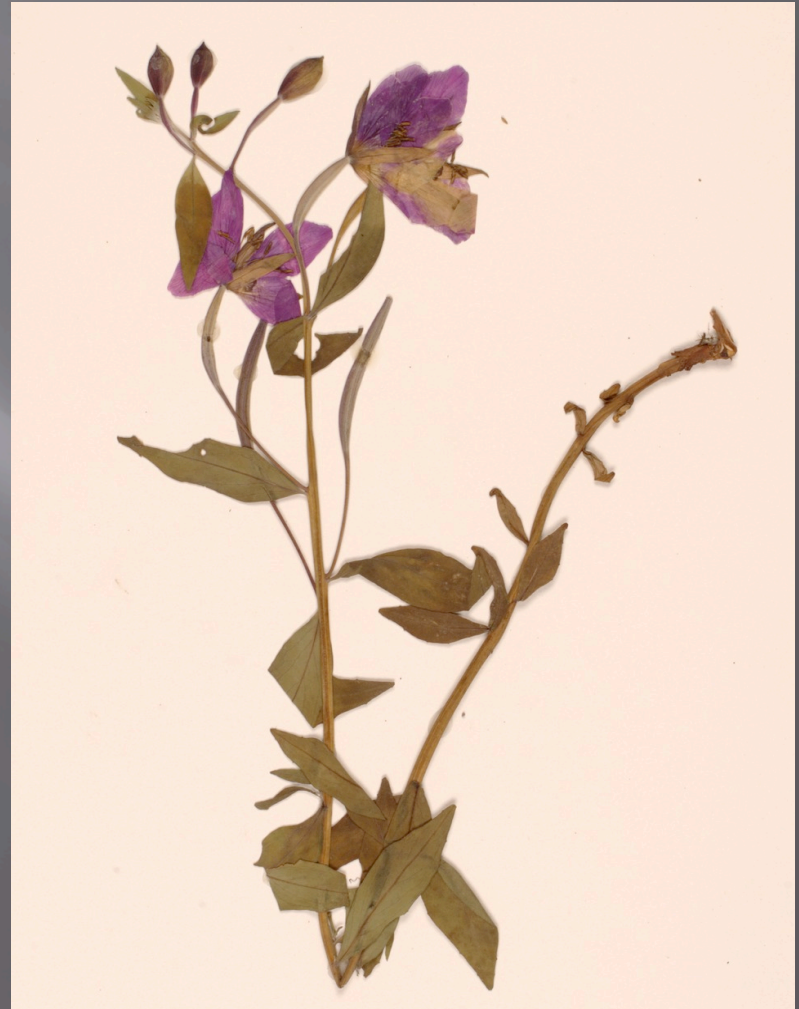
ANGUSTIFOLIUM

LATIFOLIUM

Plant Shape/ Flower Numbers



E. angustifolium
(erect)

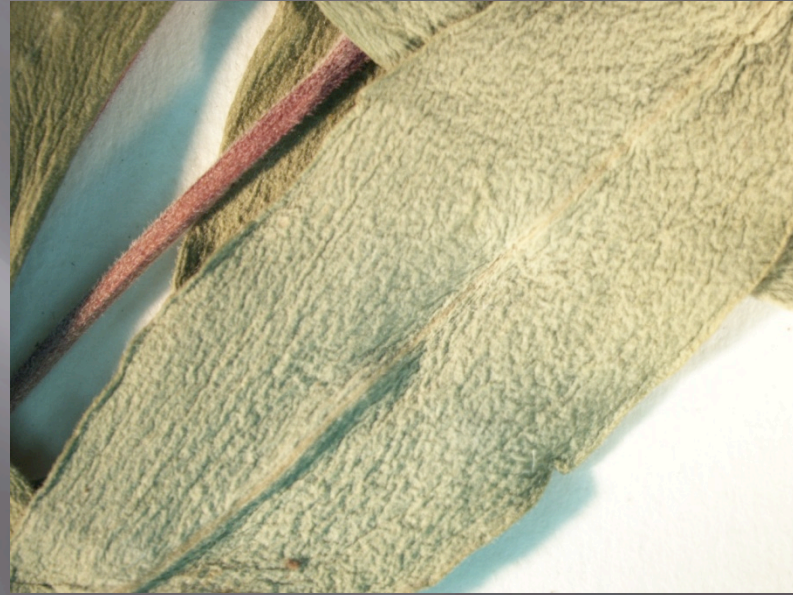


ALA V108314: *Epilobium latifolium*
(decumbent)

Leaf Characteristics



E. angustifolium



E. latifolium

Style Length to Stamens



E. angustifolium



E. latifolium

A scenic landscape photograph featuring a waterfall cascading down a dark, rocky cliff face into a river. The foreground is dominated by lush green foliage, including several tall, slender plants with vibrant pink flowers. The word "Questions?" is overlaid in a large, yellow, sans-serif font on the right side of the image.

Questions?