

**SUBGENUS: *PENSTEMON***

**Section: *Penstemon***

**Subsection: *Tubaeflori***

**CULTIVATION OF EACH SPECIES**

**Table 28**

[subgenus] **PENSTEMON**

[section] *Ambigui* *Baccharifolii* *Chamaeleon* *Coerulei* *Cristati* *Ericopsis* *Fasciculus* *Peltanthera* *Penstemon*

[subsection] *Arenarii* (2) *Deusti* (3) *Gairdneriani* (2) *Harbouriani* (1) *Humiles* (19) *Multiflori* (1) *Penstemon* (17) *Proceri* (16) *Tubaeflori* (1)

**Pollinated by butterfly**

**Species *tubaeflorus***



*Penstemon tubaeflorus*



*Penstemon tubaeformis*



*Penstemon tubaeformis*



*Penstemon tubaeformis*

**Table 28. *Penstemon Penstemon Tubaeiflori***

**Key**  
 Column 1 SPECIES: \_species name; plant height when in bloom; color(s) of flower; fill in lavender  =popular; parenthesis = not reported in cultivation  
 Column 3 CULTIVATION SUGGESTIONS:  
 Row 1 SIZE OF FLOWER: **very large**= >1 ½ “ **large**=1-1 3/8” **medium**= ½ - 1” **small**= < ½ “  
 Row 2 GENERAL DESCRIPTION  
 Row 3: DISPLAY SUGGESTIONS  
 Row 4: WHERE SPECIES HAS BEEN SUCCESSFULLY CULTIVATED OUT OF NATIVE HABITAT

☀ full sun    ☀ partial shade

Species	Bloom Season in Native Habitat	Cultivation Characteristics	Cultivation Needs			Elevation and Habitat	Distribution	Reported cold hardiness in cultivation
			Garden Soil	Moisture	Sun			
<i>tubaeiflorus</i> 10-36” white	May-June	<p><b>medium flower</b> one to few stems; very showy; don't be without it, floriferous</p> <p>inflorescence (floral display) interrupted</p> <p>rosette of slightly rounded leaves (elliptic to obtuse) and entire (margins smooth); stem leaves (cauline leaves) lightly toothed</p> <p>may be short-lived</p> <p>butterfly host as well as honey bees and bumblebees*</p> <p>has naturalized into the northeast</p> <p><u>varieties:</u> <i>tubaeiflorus</i> as described above <i>achoreus</i> leaves more leathery</p> <p><b>plant in groups but don't crowd</b> cultivated in: widely throughout the U.S. plants sold by a NM nursery</p>	well drained, loam or loamy clay soil	give sufficient moisture	☀	prairies, moist woodlands; sandy or light loam soils	WI, NE, KS, e. OK, ne. TX, AR, LA, naturalized to the east	very hardy Zones 4-8



Most penstemons are visited by several bee species including honeybees and bumblebees. While hummingbirds prefer red penstemons, they commonly are seen at most penstemon species.