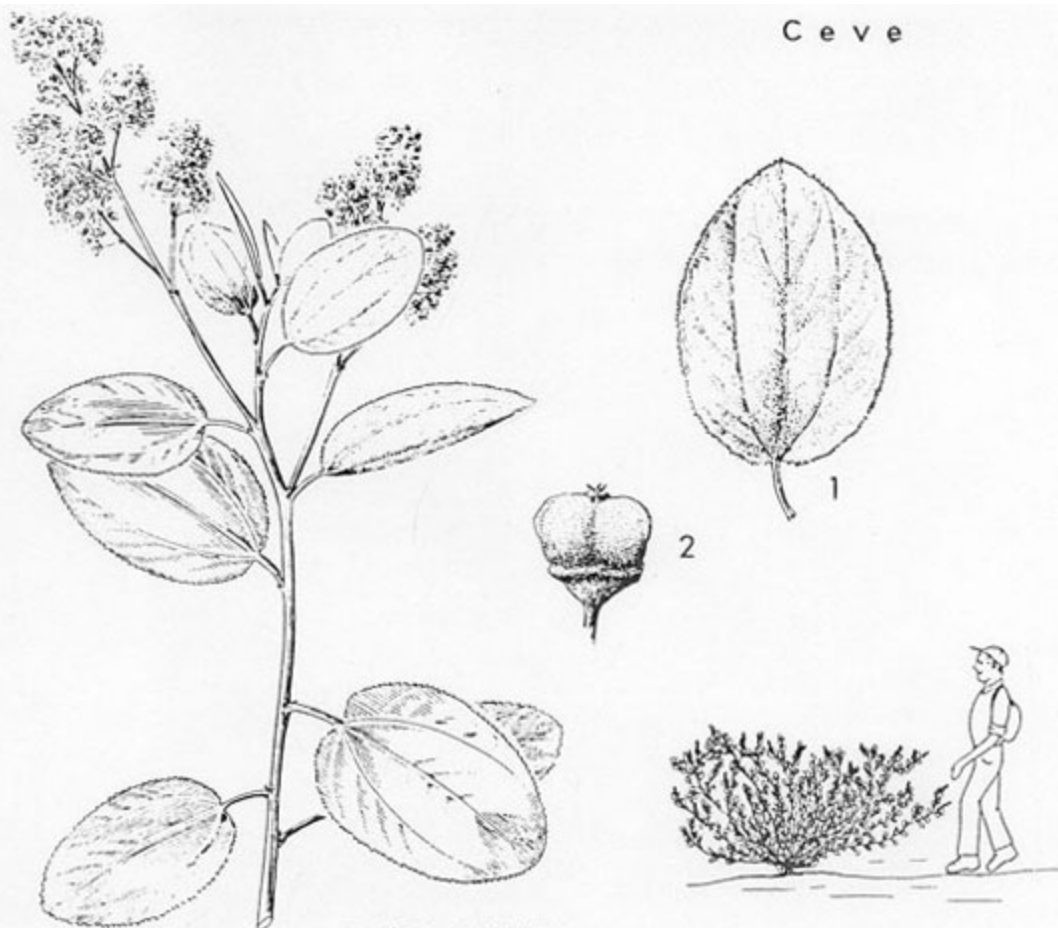


Pipo	Syal h.t.	
Phma	h.t.	
Psme	Caru	Caru 2
	h.t.	Aruv 1
	Phma	Phma 1
h.t.	Smst	
Abgr	Phma	Phma
	h.t.	Cooc
	Libo	Libo
	h.t.	Xete
	Asca	Asca +
	h.t.	Tabr
	Mefe	
Thp	Setr	h.t.
		Phma +
		Clun
	Clun	Tabr
	h.t.	Mefe
	Xete +	
Xete	Vagl	
h.t.	Cooc 1	
Thp	Clun	Clun
	h.t.	Tabr
		Mefe
		Xete
	Asca	Asca
	h.t.	Tabr
		Mefe
	Gydr	h.t.
Adpe	h.t.	
Atfi	Adpe	
h.t.	Atfi	
Opho	h.t.	
Tsme	Clun	Clun
	h.t.	Arnu
		Mefe
		Xete
	Asca	Asca
h.t.	Arnu	
	Mefe 3	
Gydr	h.t.	
Tsme	Clun	Mefe
	h.t.	Xete
	Mefe	Xete
	h.t.	Luhi
	Stam	Mefe
h.t.	Luhi	
Xete	Vagl	
h.t.	Luhi	
Abla	Clun	Clun
	h.t.	Mefe
		Xete
	Mefe	Cooc
	h.t.	Xete
		Vasc
Stam	Mefe	
h.t.	Lica	
Caca	Caca	
h.t.	Vaca	
	Legl	
Xete	Cooc	
h.t.	Vagl	
	Vasc	
	Luhi	
Pico	Vasc	h.t.
	Xete	c.t.
	Vaca	c.t.



## RHAMNACEAE

*Ceanothus velutinus* Dougl. ex Hook.

## C e v e

shinyleaf ceanothus, snowbush, evergreen ceanothus

**FORM:** Erect to spreading, heavy-scented shrub, 1-3m (3-10ft) tall, often forming thickets.

**BARK:** Green; pith solid.

**BUDS:** Alternate, stalked buds without scales.

**LEAVES:** Alternate, thick, evergreen, broadly elliptic, shiny dark green often bronze tinged, gummy upper surface, underside greyish, 3 prominent main veins branching from leaf base (1), edges often curled downward.

**FLOWERS:** Small, white, borne in dense pyramid shaped panicles, 5-12cm (2-5in) long; June-Aug.

**FRUIT:** 3-seeded mechanically explosive capsule, containing heavy seed (2).

**ENEMIES:** Fire: resistant and beneficial, resprouts from basal stems the following year; a fire dependent species requiring heat scarification of seed for germination.

**SIMILAR SPECIES:** *Ceanothus sanguineus*, p.40.

**HABITAT:** Open, sunny, early seral habitats following fire; generally absent from late seral and old-growth stages.

**NOTES:** Roots have nitrogen fixing nodules. The foliage has a sweet, spicy odor during warm weather or when crushed. Flowers make a soapy lather when mixed with water. Indians used leaves for tobacco and tea, and roots for red dye.