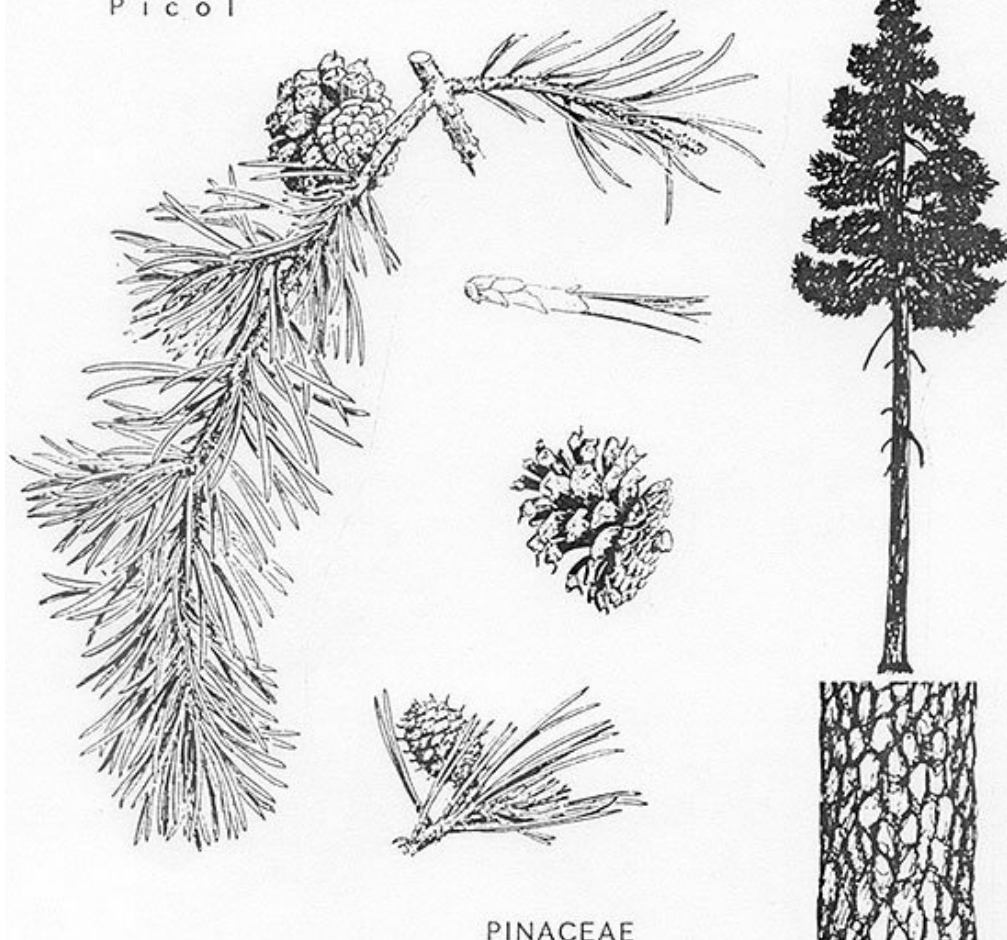


P i c o l



PINACEAE

Pinus contorta var. *latifolia* Engelm. in Wats.
Picol

Rocky Mtn. lodgepole pine, jack pine

FORM: Tree, up to 30m (100ft) tall with short crown.
NATIONAL CHAMPION: 1998. 42in dbh; 132in circum; 155ft tall; 8ft crown=
295pts; Valley Co., ID.

BARK: Lowland form has thick, black, rectangular plated bark; subalpine form is thin, reddish to grey with loose scales.

LEAVES: Needles in bundles of 2, 3-8cm (1-3in) long; stiff, often twisted; yellowish green.

CONES: Subsessile, 3-5cm (1-2in) long, sharp-spined tip on scale; persistence and cone serotiny is regionally variable; cones mature Aug.-Sept.; seed shed Sept.-Oct.

ENEMIES: Diseases: Stalactiform rust, *Phaeolus* (*Polyporus*) *schweinitzii*, *Polyporus tomentosus*, *P. anceps*, *Fomes pini*, *Armillaria* species, *Verticicladiella* species (blackstain), *Atropellis* canker, dwarf mistletoe, and western gall rust; Insects: mountain pine beetle, and tip borers; Fire: susceptible.

SIMILAR SPECIES: Persistent cones are not a characteristic of any other pine in this area, but may be confused with 5-needle pines: *Pinus albicaulis*, p.17; or *Pinus monticola*, p.19.

HABITAT: Potential early seral occupant on all habitat types except *Pinus ponderosa* series.

	Syal h.t.			
	Phma h.t.		Ppjo	
4	Caru	Caru	Psmc	
7	Aruv	h.t.		
1	Phma	Phma		
	Smsr	h.t.		
3	Phma	Phma	Abgr	
1	Cooc	h.t.		
5	Libo	Libo		
9	Xete	h.t.		
1	Asca	Asca		
	Tabr			h.t.
2	Mefe			
	Setr	h.t.		
3	Phma			
3	Clun	Clun		
1	Tabr		h.t.	
5	Mefe			
6	Xete			
9	Vagl		Xete	
6	Cooc		h.t.	
2	Clun	Clun	Thp1	
1	Tabr			h.t.
4	Mefe			
3	Xete			
+	Asca	Asca		
1	Tabr			h.t.
3	Mefe			
1	Gydr	h.t.		
+	Adpe	h.t.		
	Adpe	Atfi		
	Atfi		h.t.	
	Opho	h.t.		
2	Clun	Clun	Tshe	
3	Arnu			h.t.
4	Mefe			
5	Xete			
2	Asca			Asca
1	Arnu	h.t.		
	Mefe			
	Gydr	h.t.		
4	Mefe	Clun	Tsmc	
7	Xete			h.t.
5	Xete	Mefe		
5	Luhi	h.t.		
	Mefe	Stam		
	Luhi	h.t.		
7	Vagl	Xete		
3	Luhi	h.t.		
7	Clun	Clun	Ab1a	
4	Mefe			h.t.
3	Xete			
7	Cooc			
3	Xete	Mefe		
9	Vasc			h.t.
2	Luhi			
2	Mefe	Stam		
4	Lica			h.t.
7	Caca	Caca		
10	Vaca		h.t.	
9	Legl			
9	Cooc			
7	Vagl	Xete		
9	Vasc		h.t.	
7	Luhi			
10	Vasc	h.t.	Pico	
2	Xete	c.t.		
3	Vaca	c.t.		