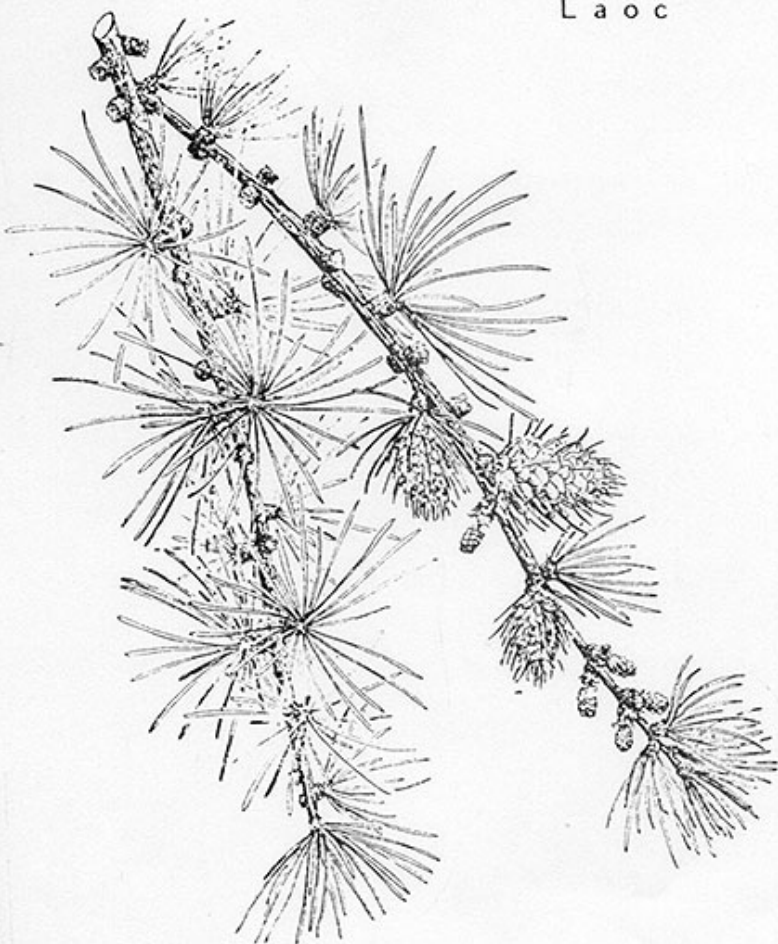


Pipo	Syal h.t.		
Pipo	Phma h.t.		
Psme	Caru h.t.	Caru 4	
	Aruv		
	Phma h.t.	Phma 1	
	Smst	2	
Abgr	Phma h.t.	Phma 2	
	Cooc		
	Libo h.t.	Libo 3	
	Xete	6	
	Asca h.t.	Asca 4	
	Tabr	3	
	Mefe	2	
	Setr h.t.	3	
	Clun h.t.	Phma	3
		Clun	4
Tabr		3	
Mefe		4	
Xete		4	
Xete h.t.	Vagl	4	
Cooc	4		
Thpl	Clun h.t.	Clun 4	
	Tabr		
	Mefe	6	
	Xete	6	
	Asca h.t.	Asca	3
		Tabr	4
		Mefe	9
	Gydr h.t.	2	
	Adpe h.t.	2	
	Atfi h.t.	Adpe	
Atfi	1		
Opho h.t.	1		
Tshe	Clun h.t.	Clun 6	
	Arnu	6	
	Mefe	4	
	Xete	7	
	Asca h.t.	Asca	5
Arnu		4	
Mefe		7	
Gydr h.t.	3		
Tsme	Clun h.t.	Mefe 6	
	Xete	7	
	Mefe h.t.	Xete 1	
	Luh	2	
	Stam h.t.	Mefe 5	
Luh			
Xete h.t.	Vagl 5		
Luh	1		
Abta	Clun h.t.	Clun 7	
	Mefe	1	
	Xete	5	
	Cooc	1	
	Mefe h.t.	Xete	
		Vasc	
		Luh	
	Stam h.t.	Mefe	1
		Lica	1
	Caca h.t.	Caca	
Vaca			
Legl		2	
Xete h.t.	Cooc	2	
	Vagl	2	
	Vasc		
Luh			
Pico	Vasc h.t.		
	Xete c.t.		
	Vaca c.t.		



PINACEAE

Larix occidentalis Nutt.
Laoc



western larch, tamarack

1

FORM: Tree, up to 60m (200ft) tall; short open crown with long, clear bole, often with swollen butt.

IDAHO CHAMPION: 1977. 76.2in dbh; 239.3in circum. + 142ft tall + 5.5ft crown= 387pts; Latah Co.

STEMS: Young twigs without dense woolly hair.

BARK: Initially thin and scaly becoming very thick and deeply furrowed into large plates; flaking into cinnamon-red scales, resembling *Pinus ponderosa*.

LEAVES: Deciduous, 15-30 needles borne on short spur, pale green, broadly triangular with no resin ducts visible (1), 2-4cm (1-2in) long; becoming yellow and falling in late fall after *Larix lyallii*.

CONES: Oblong, 2-3cm (<2in) long; thin, red-brown scales; borne upright on spur shoot, may remain on tree for several years; ripens Aug.-Sept.; seed shed Sept.-Oct.

ENEMIES: Diseases: *Fomes officinalis*, *Fomes pini*, *Phaeolus (Polyporus) schweinitzii*, *Armillaria* species, *Phellinus (Poria) weirii* and *Hypodermella laricis*; Insects: larch casebearer; Fire: very resistant.

SIMILAR SPECIES: *Larix lyallii*, p.14.