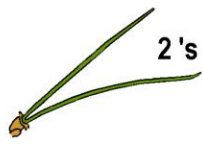


PINES GROWN IN U.K.

[ON MAPMATE]



2's



3's



5's

Subgenus: *Pinus* Hard Pines [two vascular bundles/needle]

Subgenus:

Subgenus: *Strobos* Soft Pines [only one vascular bundle/needle]

	lvs. < 10cm						lvs. >10cm								
	SYLVESTRIS Scots Pine	CONTORTA Shore Pine	MUGO Mountain Pine	subs. NIGRA Austrian	subs. LARICIO Corsican	PINASTER Maritime Pine	PINEA Stone Pine	RADIATA Monterey Pine	PONDEROSA Western Yellow Pine	JEFFREYI Jeffrey Pine	RIGIDA Pitch Pine	STROBUS Weymouth	PEUCE Macedonian	WALLICHIANA Bhutan	KORAIENSIS Korean
lvs. glaucous	lvs. bright green		lvs. dark green		lvs. 15-20cm		bright green	bright green	grey-blue green	yellowish-green	dark gr. to blue gr.	grey green (waxy)	bright to dark green	dark gr.out, whitish gr. in	
	lvs. to 6cm		lvs. 8-12cm		lvs. 10-18cm		lvs. 8-15cm	lvs. 10-25cm	lvs. 15-25cm	lvs. 7-16cm	lvs. 6-10cm	lvs. 7-9cm	lvs. 12-18cm	lvs. 8-12cm	
	twisted	not twisted		lvs. stiff ^{2mm}	lvs. flexible ^{1mm}	slightly twisted		lvs. stiff, slightly twisted		thick, very stiff, twisted	lvs. thin/flexible	lvs. stiff/straight	lvs. flexible/drooping	lvs. flexible	
pollen cones	♂ 3-6mm	♂ 10-15mm	♂ 6-10mm	♂ 20-30mm	♂ 10-20mm	♂ 10-20mm	♂ 10-20mm	♂ 30-40mm	♂ 20-25mm	♂ 18-30mm	♂ 5-15mm	♂ 10-15mm	♂ 10-20mm	♂ 15-20mm	
seed cones	♀ to 6cm	♀ < 6cm	♀ < 6cm	♀ 3-9cm	♀ 10-20cm	♀ 10-20cm	♀ 7cm+	♀ 7cm+	♀ 13-20cm	♀ 5-8cm	♀ 8-20cm	♀ 9-18cm	♀ 20-30cm	♀ 9-11cm	
seed cones	falling with stalk	persisting	some falling with stalk some persisting	falling with stalk	falling with stalk	persisting 2-3yr then falling leaving stalk	not falling	falling leaving stalk	falling after seed drop, leaving basal scales attached to stalk	falling with short stalk many years after seed drop	falling with stalk	falling with stalk	falling with stalk	falling seeds inside	

