

Conifers

ID	1
ID	
Species	
When	2014-05-07
Location	Between School and Canal / East (Last)
Family	Spruce
Photos	Some
Tree	
H x W (m)	10 x 8 m
Shape Δ	Δ Delta
Bark	
Colour	Dark Grey-Brown
Texture	Pimply/Warty
Bole	
Height (m)	50cm then all thin branches
Width (m)	~35 cm
Branches	
Branches Largest	Slight Ascent (except bottoms) every ~30cm
Branches Smallest/Twigs	Dropping
Stance (Asc/Desc)	Slight Rise/Desc
Inner Leaves?	Inner Unneeded
Needles	
Num Per Sheaf	1
L x W (mm) inc peg	20-24(-28) x 1
Length Shortens Twd Tip?	No (but tip ndls Len 15mm)
Colour	Dk Grn
Stomata / Lines	2 Wht Ln Upper, Ln Gap Narrow
Sheaf/Peg (Len mm)	Peg / 1
Whorls (Yng/Old)?	Yes (Yng); Older Just Upper Ndls
Whorl Gap(s) mm (A/B)	Uniform every ~5mm
Stiffness	Bendy (Stiff)
Spiky	Very
Profile $\cap\Delta$	Flat Diamond
Surface	Smooth
Edges (Serrated?)	Unserrated
Base Direction (Fwd/Bck)	Bck Slightly/Perpendicular
Lng Shape: Twisty/Straight/Curve	Curve Fwd Slightly
New Growth mm	
Cones	
Mono (Sam)/Dioecious (Dif)?	Dioecious
Male Young (Size mm, Col)	40 x 10
Female Young (Size mm, Col)	30 x 10, Red
Shape Old	Long Ellipse
L x W Open/W Close (mm)	97 x /33
Stalk	V Short
Pos on Twigs	Ends Mostly
Clustering #	
Up/Down/Hang	Hang
Scales & Seeds	
Scale Old W x H (mm)	8 mm
Scale Prickles	
Seeds	