

~~Thuja plicata~~
 Thuja plicata (N)
 FENS & CROWN
 10/1000
 Alternite
 scales opposite/whorled
 Suetocoma
 between scales
 shaggy scales
 dense like
 Filamentous base

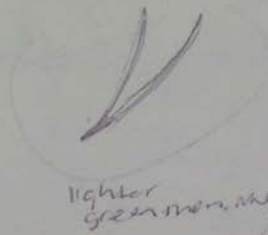
Douglas Fir / Pseudotsuga menziesii (N)
 irregular form cut top
 3-point branch
 leaf scars after leaves fall off
 1.5mm

Cupressus nortkatensis - (leaves no more)
 smells different than Cedrus/picea
 yellow color
 shaggy
 notes: shaggy in detail

rytomaria japonica
 * soft & bright yellow
 survive vs adult no seeds = different

Pinus sylvestris Scotch pine

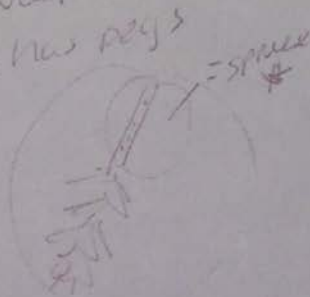
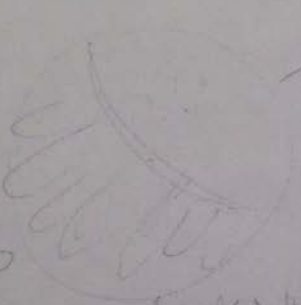
*blue/green?



* yes
* no
* yes
* no



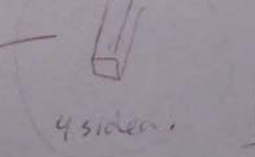
Picea breweriana Brewer's spruce



Looks like Douglas fir *

Picea pungens Colorado spruce

needle *single needles



green/blue/pale

red

young

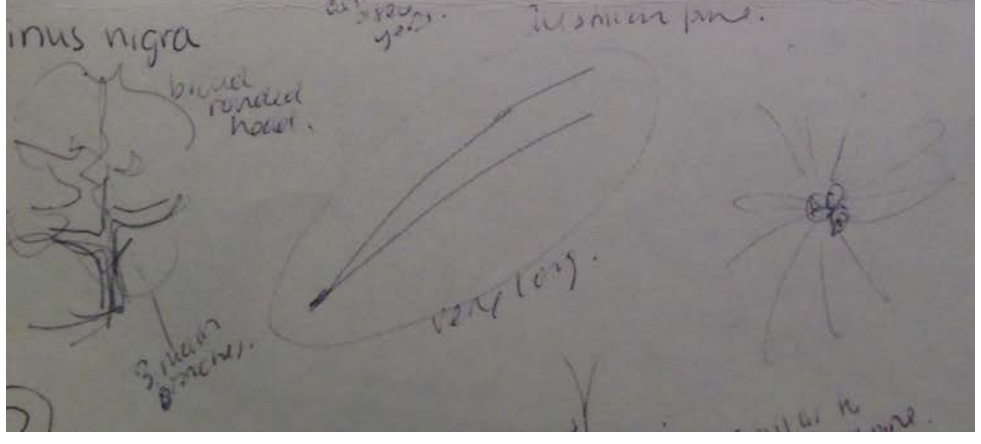
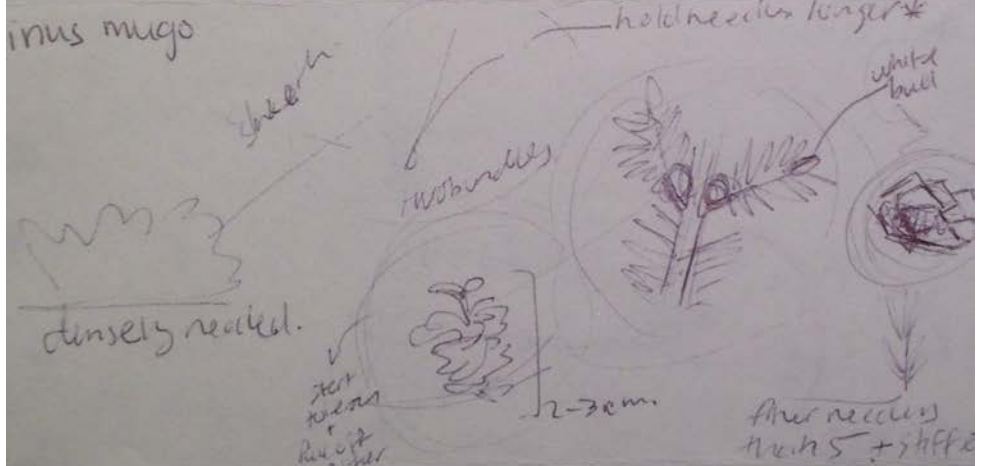
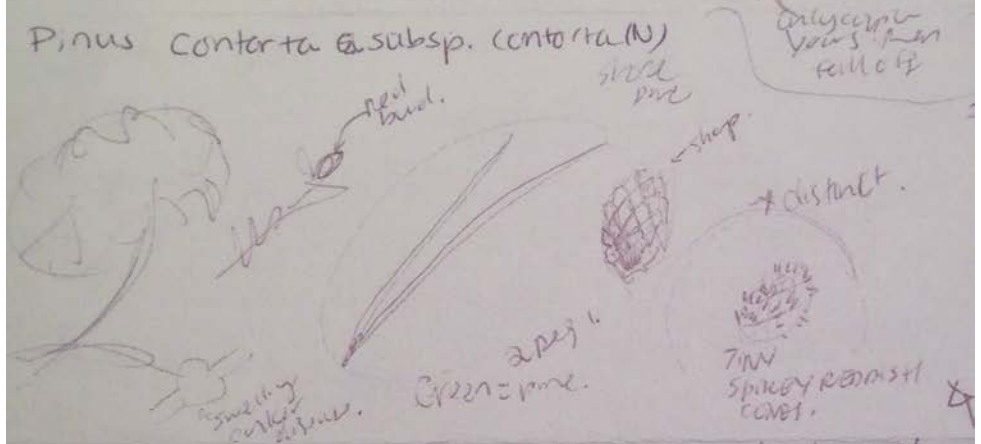
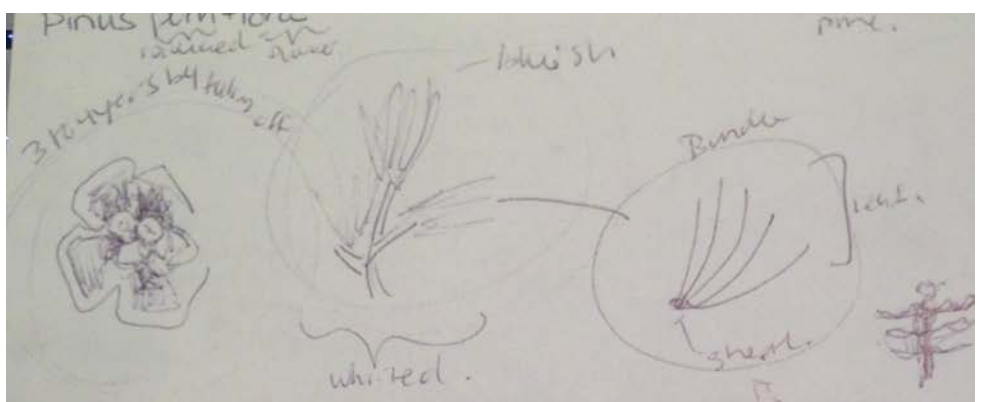
* 10-12 at nodes + small -> prickly on branch very sharp

Picea sitchensis (W) Sitka spruce

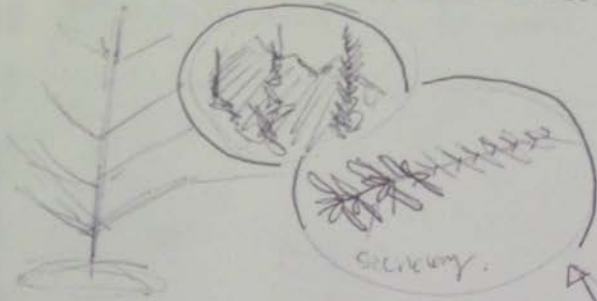
* like pines



< 50%.



Abies amabilis (N) Recurrent fir



Recognize.
* forward point row needles, top of shoot.
* more crowded but flat
* small terpenes.

Abies grandis (N) Grand fir

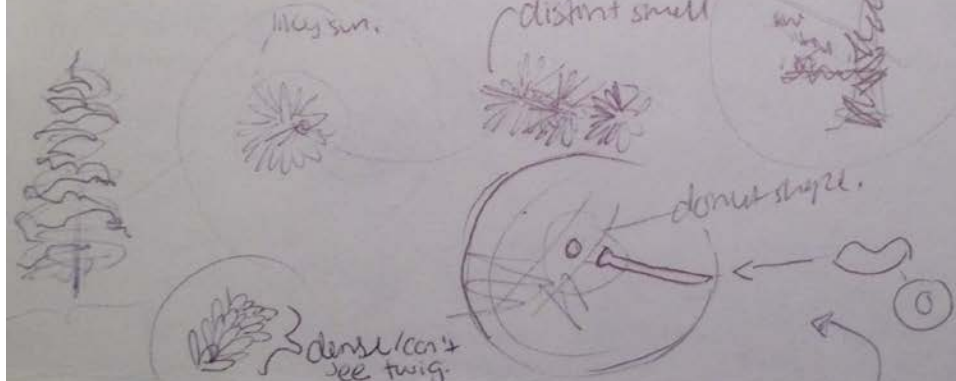


Gilshy dark green needles. Flat

Similar but grand fir doesn't have small leaves.

Arizonic grapefruit

Abies lasiocarpa (N) Subalpine



May sun.

distinct smell

donut shaped.

dense / can't see twig.

Abies koreana Korean



few right - red w. cones

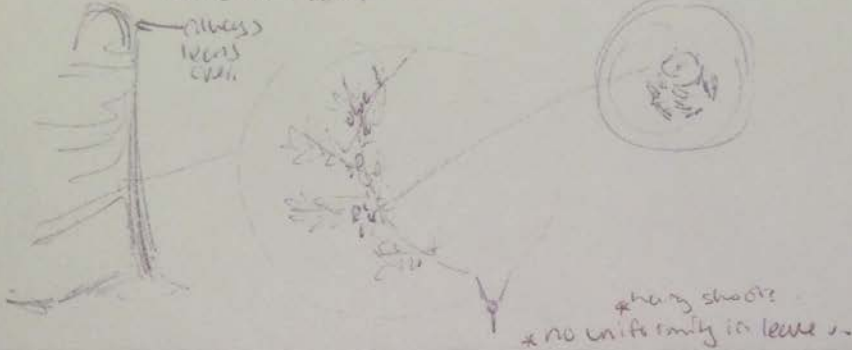
brake aspen distinct

well spaced needles.

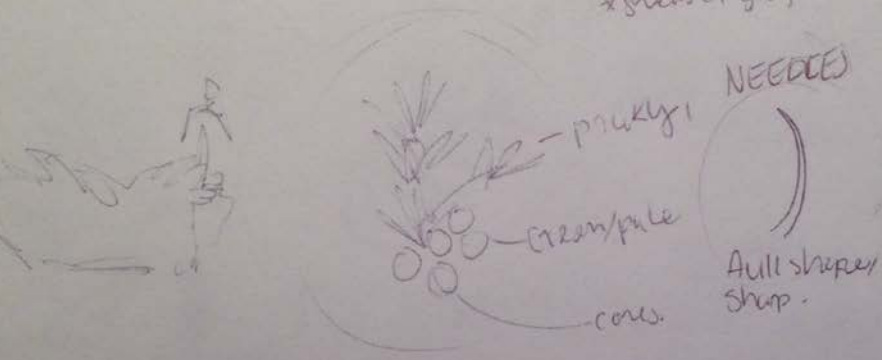
bud. small w/ slip

upright cone

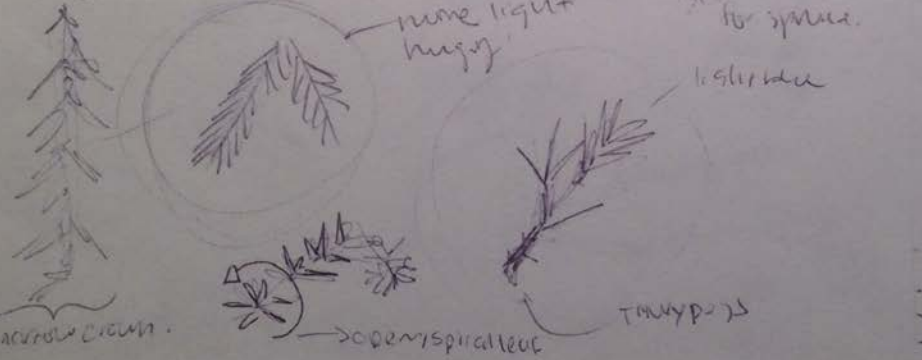
Tsuga heterophylla (N) western hemlock



Juniperus communis



Tsuga mertensiana / ~~Western~~ Rocky mountains / plant



Chamaecyparis obtusa - knoke eymess

