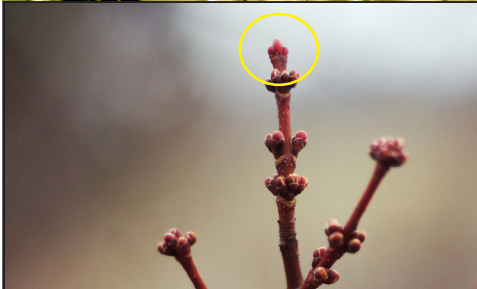


# Twigs and Buds

When leaves fall in autumn it can be tough to identify trees, but they do have other characteristics.  
 What can we learn from their twigs and buds? Plenty!



**Terminal bud**  
 The bud formed at the tip of the twig



**Bud scales**  
 Small scale-like structures that are modified leaves covering the bud during winter.



**Leaf scar**  
 A scar left on the twig where the leaf fell off.



**Opposite buds**  
 Buds or leaf scars do not face each other.



**Alternate buds**  
 Buds or leaf scars face each other.



**Twig with thorns**  
 Pointy thorns grow along the twig.



**Twig with seed or fruit**  
 These could be hanging catkins, nuts, or seed cones.



**Twig with needles**  
 Needle may be bunched or single, running down the stem.



**Twig with scales**  
 Twigs with overlapping scales.