

Winter Twig ID

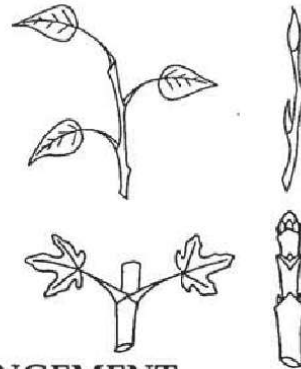
Here's your basic twig:

terminal bud

lateral buds
(stalked)

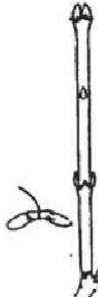
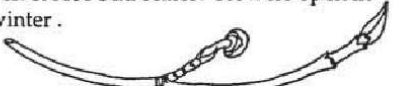
leaf scars

First, look at the twig. If the way the leaves come off the twig look like this, your plant has alternate leaf arrangement. **TURN THIS CARD OVER!**

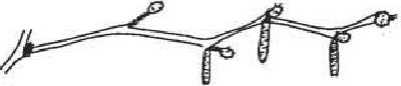
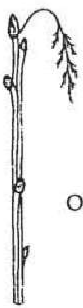


If your twig looks more like this, **LOOK BELOW ON THIS SIDE!**

OPPOSITE ARRANGEMENT

 Twigs stout, dark red (maroon) to green and shiny. Terminal bud big, maroon, shaped like a crown. Lateral buds tiny. Leaf scars are V-shaped, joined around stem. Fruit is double winged and stays on in winter. Big Leaf Maple <i>Acer macrophyllum</i>	 Arching branches. Bark gray smooth. Twigs deep glossy red in open or green in shade. Buds 1/8" shiny red with hairs. Terminal bud is a pair of buds that look like a deer hoof. Vine Maple <i>Acer cirinatum</i>	 Twigs deep green at tips and gray below, flattened at nodes. Terminal bud small, cone-shaped. Lateral buds tiny, covered in part by a thin layer. Leaf scars are opposite to a bit offset. Oregon Ash <i>Fraxilis latifolia</i>
Bark smooth, limbs branched in fours or fives. Twigs curved, dusty red-brown to green. Buds long, narrow, pointed with two pair of velvet rose bud scales. Flowers open in winter.  Flowering Dogwood <i>Cornus nuttallii</i>	Bark thin, red-brown, smooth. Twigs thin, shiny, red (green in shade), flattened below nodes. Buds thin, pointed, red. Terminal bud has two lateral buds below.  Creek Dogwood <i>Cornus stolonifera</i>	Bark gray, smooth. Corky pores in bark. Twigs silvery, stout, 8-sided. Buds large, globular, light green. Area between leaf groups is called "internode." Internode can be 8" long. Plant often dies to last internode.  Red Elderberry <i>Sambucus callicarpa</i>
Twigs thin, dull brown. Buds tiny, usually no terminal bud. Bark thin, gray. Leaf scars triangular. Fruit is white, waxy berries.  Snowberry <i>Symphoricarpos albus</i>	Woody, climbing vine. Thin twigs, light brown. Leaf stalks stay on in winter. Old vines hang from trees. Fuzzy, white seeds in fall/winter.  Clematis <i>Clematis lingustifolia</i>	This field key was adapted from "Winter Twigs-Tryon Creek State Park" by Jean Siddall. Parts were copied with permission. To purchase the book, contact Tryon Creek State Park.

ALTERNATE ARRANGEMENT

 Twigs lustrous, green-brown. Corky pores in bark are orange. Buds sticky and fragrant. Large terminal buds. Lateral buds pointed, dark brown. Twigs have bumpy look. Black Cottonwood <i>Populus trichocarpa</i>	 Twigs red-brown, shiny. Ridged below leaf scars. Buds stalked, dark red, blunt, canoe-shaped. Three bud scales. Catkins at end of branches. Fruit is a cone. Red Alder <i>Alnus Rubra</i>	 They are the only twig with a single, hood-shaped bud scale. Leaf scars are moon shaped (crescent). Willow <i>Salix sp. (sp.= many species)</i>
 Bark gray, smooth. Twigs brown to red with stout thorns! Buds small, round, red, shiny. Flower buds bigger than leaf buds. Black Hawthorn <i>Crataegus douglasii</i>	 Bark gray, smooth. Twigs dusty yellow brown, velvety towards end. Buds naked; exposed leaves have rusty hairiness. Lateral buds small, get stalks as they grow. Cascara <i>Rhamus purshiana</i>	 Bark gray, smooth. Twigs thin, zig-zag, gray-brown. New growth is fuzzy. Buds round, fuzzy. No terminal bud. Catkins along twig. Fruit is a nut. Western Hazel (Wild Filbert) <i>Corylus cornuta</i>
 Bark dull, gray-brown. Plumes of dry flowers. "String" beneath bark, which pulls off like a string bean. Buds 1/4" long. Terminal bud larger than lateral buds. Outer bud scales short and fall off. Inner bud scales tan and hairy. Oceanspray <i>Holodiscus discolor</i>	 Bark smooth, light gray. Stems arching. Twigs greenish gray. Twigs stinky! Buds rosy-red. Terminal buds have leaf and flower parts. Scales have short, white hairs. Leaf scars moon-shaped. Indian Plum (Osoberry) <i>Oemleria cerasiformis</i>	 Bark thin, orange-brown. Bark shredding or peeling. Buds twisted, about 3/8" long. Bud scales stay on and open. Bud scales have ragged edges. Leaf scars stick out and are moon shaped (crescent). Ninebark <i>Physocarpus capitatus</i>
 Bark orange brown, thin, shiny and peeling. Some twigs have short prickles that break off. Twigs orange-brown. Twigs may be fuzzy near tip. Buds small, found in Y between stem and shriveled leaf stalk Salmonberry <i>Rubis spectabilis</i>	 Twigs brown to orange-brown. Twigs dull, with a tiny bit of hairiness. No thorns! Buds 1/4 inch long. Buds found in upper angle between leaf scars and stem. Bud scales papery, with ragged look. Thimbleberry <i>Rubus parviflorus</i>	 Many needle-like prickles. Leaf scars form a LINE, halfway around the stem. Bark dark red to green. Buds are greenish to rose color. Buds small. Fruit is a red rose "hip." Fruit is present in winter. Wild Rose <i>Rosa sp. (there are several species)</i>