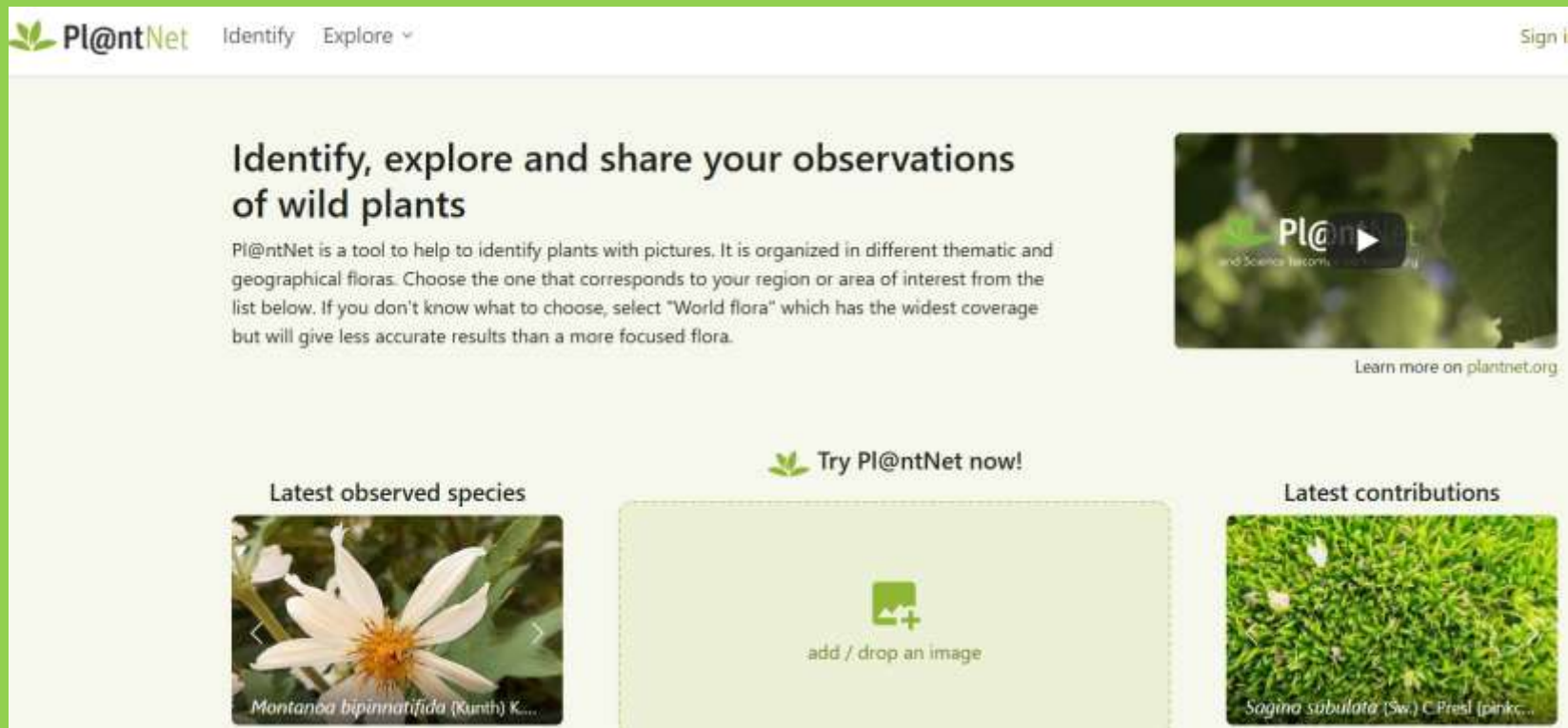


Trees/ shrubs

Pl@ntNet app

<https://identify.plantnet.org/>



The screenshot shows the Pl@ntNet website interface. At the top left is the Pl@ntNet logo with a leaf icon, followed by navigation links for "Identify" and "Explore". At the top right is a "Sign in" link. The main heading reads "Identify, explore and share your observations of wild plants". Below this is a paragraph explaining that Pl@ntNet is a tool for identifying plants with pictures, organized into thematic and geographical floras. To the right is a video player showing the Pl@ntNet logo and a play button. Below the video is a link to "Learn more on plantnet.org". In the center, there is a "Try Pl@ntNet now!" button with a leaf icon. Below this are three sections: "Latest observed species" featuring a white flower with a yellow center, identified as *Montanoa bipinnatifida* (Kunth) K...; a central area with a green plus icon and the text "add / drop an image"; and "Latest contributions" featuring a green plant with small white flowers, identified as *Sagina subulata* (Sw.) C.Presl (pink...

Trees/ shrubs - 1.



Common Oak

Quercus robur



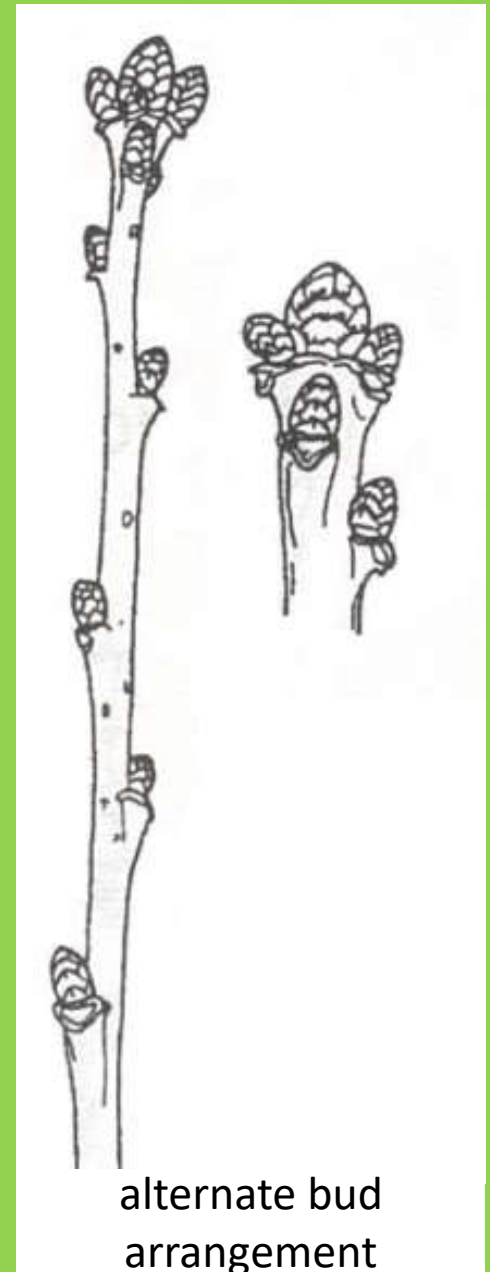
Deeply cracked, longitudinally
fissured bark

Common Oak

Quercus robur



The bud is light brown, ovoid in shape, with a blunt tip. At the end of the twig, there are clustered terminal buds.



alternate bud
arrangement

Common Oak

Quercus robur



Red oak

Quercus rubra



The trunk is gray, smooth, with only shallow cracks

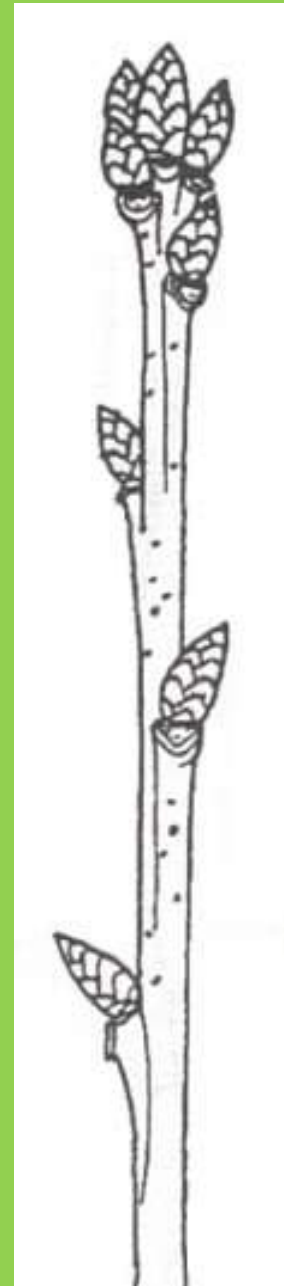


Red oak

Quercus rubra



Light brown, elongated, pointed buds. Clustered terminal buds at the ends of the twigs



alternate bud
arrangement

Red oak

Quercus rubra



Silver birch

Betula pendula



The bark is shiny white, with ring-shaped separating cracks. At the lower part of the trunk, there are dark cracks in a 'spearhead' shape.

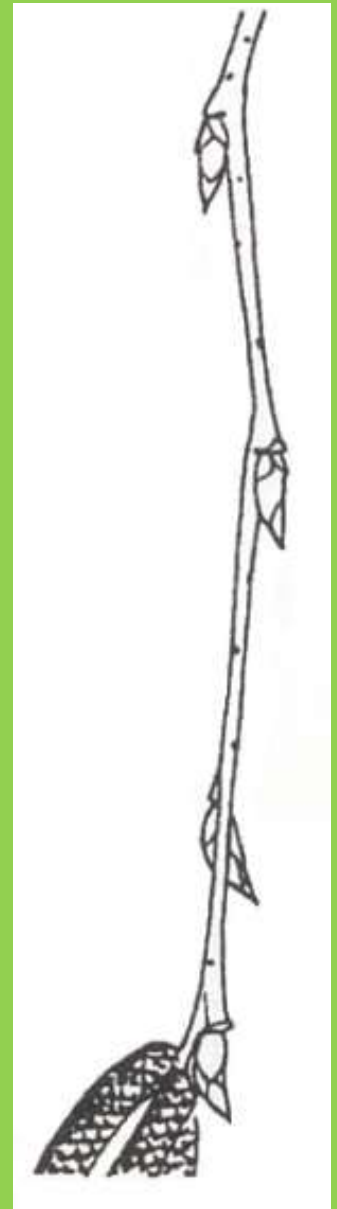


Silver birch

Betula pendula



At the tips of the shoots, there are often 2-3 catkins



alternate bud arrangement

The twig is thin, drooping, glossy or gray-spotted. The bud is brownish on top, greenish on the bottom, and sticky

Silver birch

Betula pendula



White poplar

Populus alba

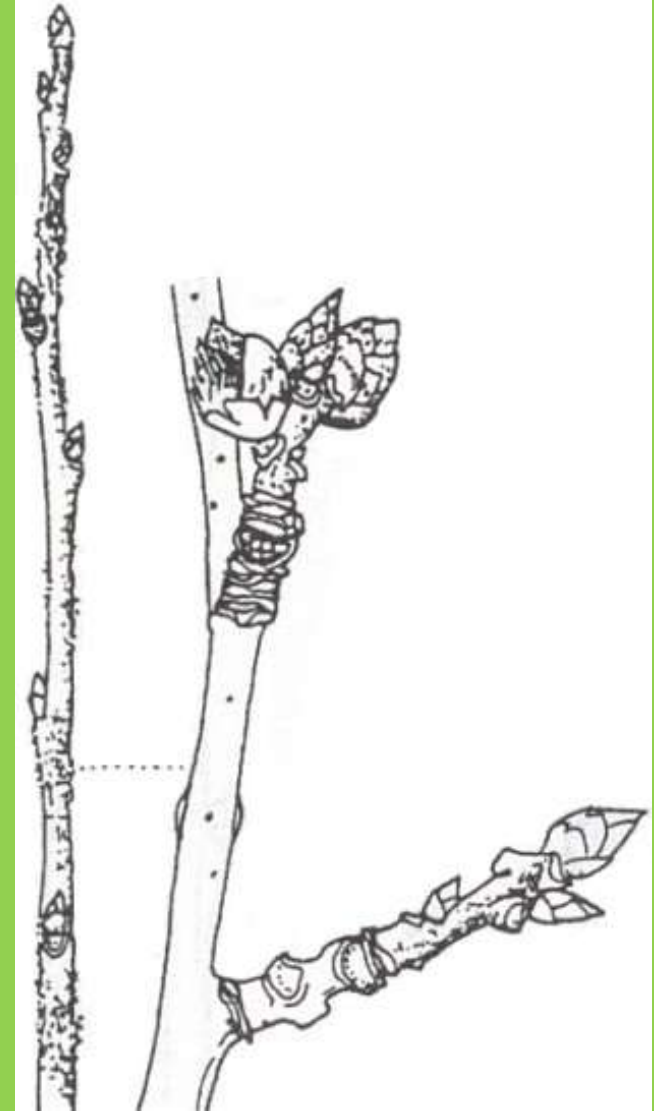


The bark is whitish-grey with diamond-shaped fissures. The lower part of the trunk is dark grey, deeply ribbed



white poplar

Populus alba

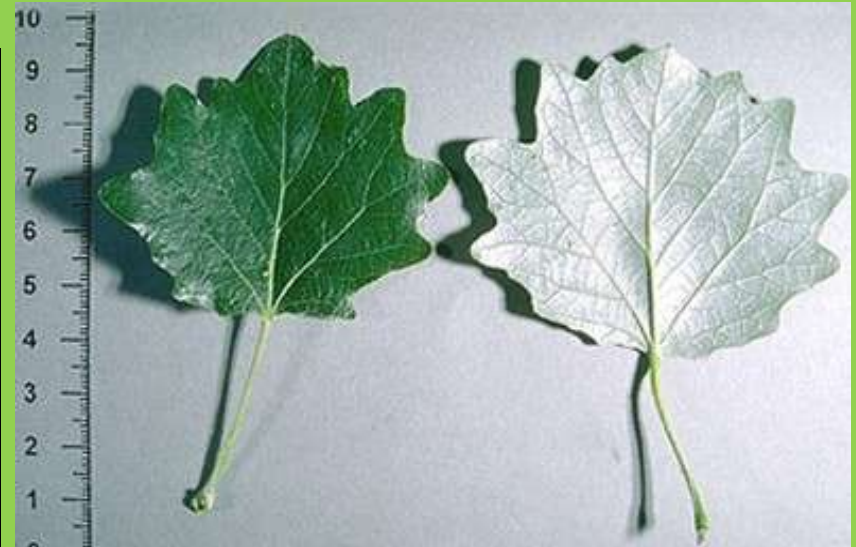


The twig is glaucous. The bud is conical and white woolly

alternate bud arrangement

white poplar

Populus alba



Tree of Heaven

Ailanthus altissima



Initially, the trunk is smooth and gray.



In older age: vertical, long wavy, shallow, light cracks are visible.



Tree of Heaven

Ailanthus altissima

Twig:
yellowish-
brown, thick,
with a velvety
texture.

Bud: small,
hemispherical.
Large, light-
colored leaf



alternate bud
arrangement

Tree of Heaven

Ailanthus altissima



Black locust

Robinia pseudoacacia



© Nagy Tibor



The trunk is light greyish-brown, deeply bundled and ribbed. ("X", "Y" shaped bundles)



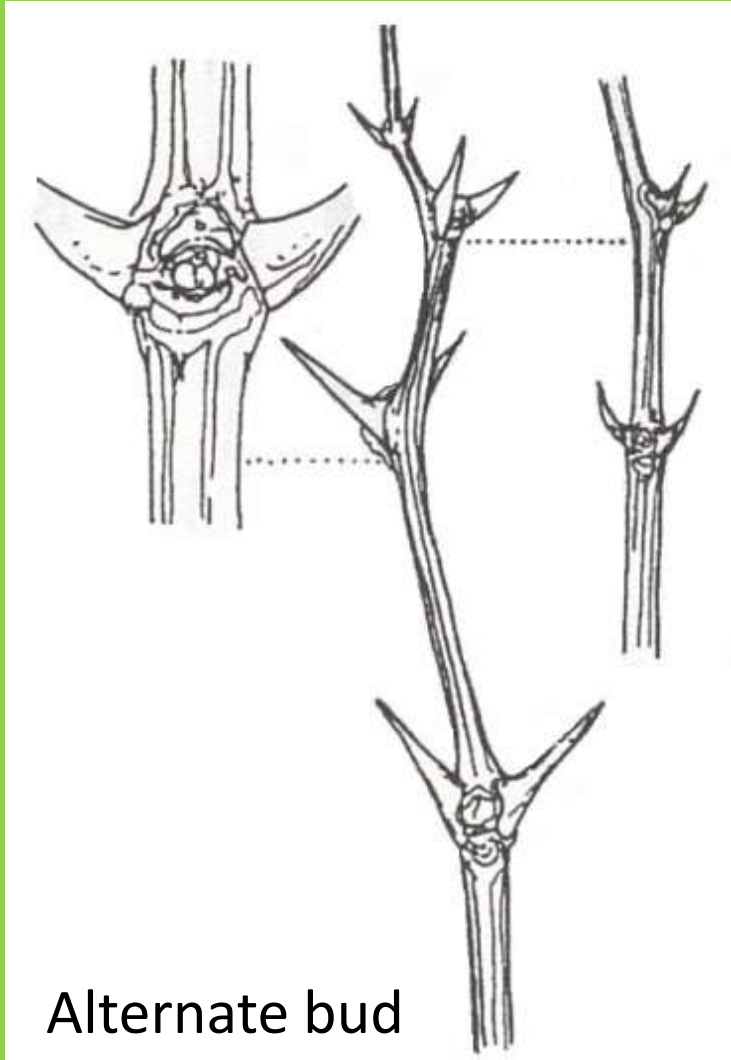
Black locust

Robinia pseudoacacia



The hidden bud is located between two spiny stipules.

The twig is ribbed and zigzagged.



Alternate bud arrangement

Black locust

Robinia pseudoacacia



Common hazel

Corylus avellana



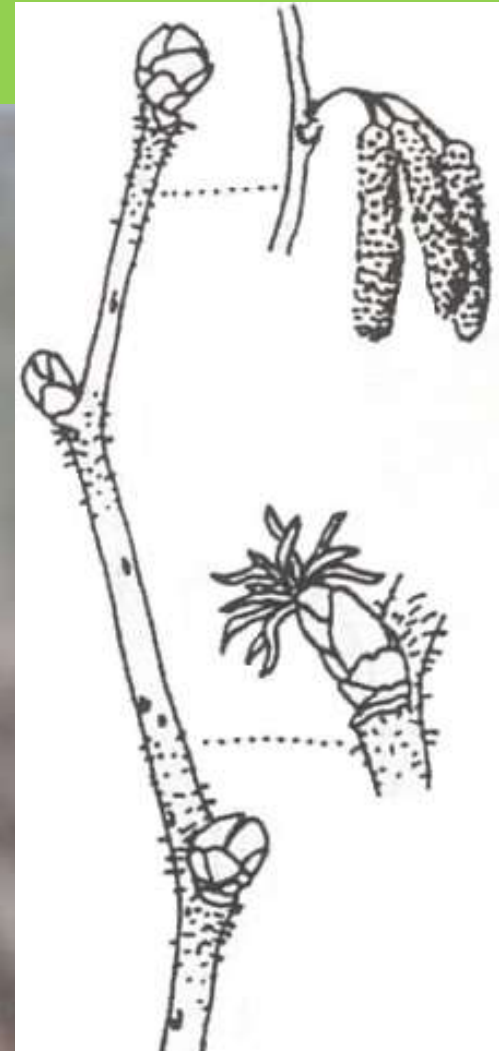
Male flower,
the catkin



Green, flattened
leaf buds



Female flower,
reddish stigmas.



Alternating bud
arrangement

Common hazel

Corylus avellana



It is often multi-stemmed. The bark is shiny, smooth, and brownish-grey.

Common hazel

Corylus avellana



Black elder

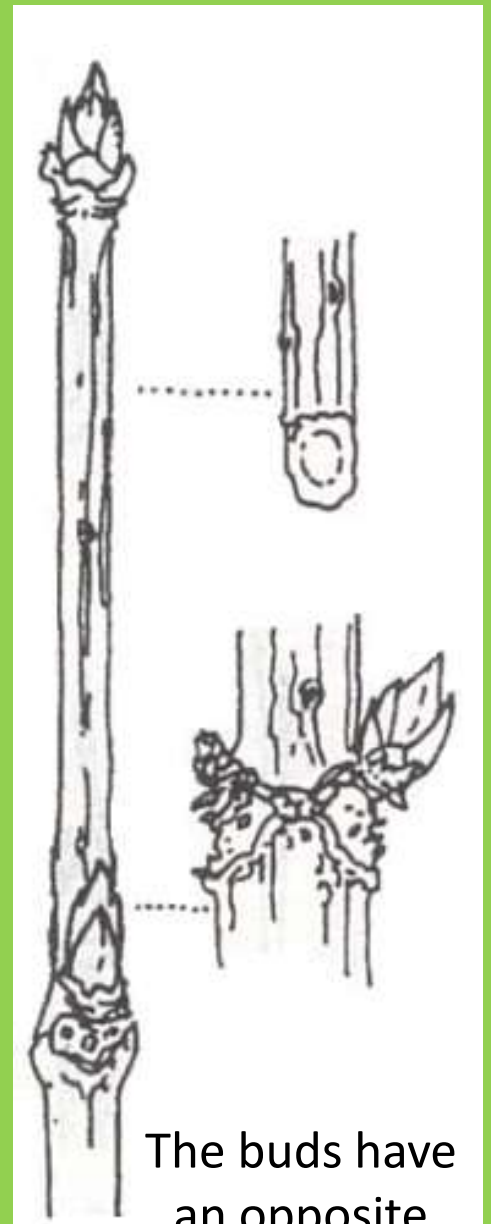
Sambucus nigra

At the tip of the twig, there is a triple terminal bud (which is often missing)



The twig is light, thick, ribbed, with many lenticels.

The bud scales' edges are split, brown, and frayed.



The buds have an opposite arrangement in pairs

Black elder

Sambucus nigra



Longitudinal, ribbon-like fissures on the trunk.

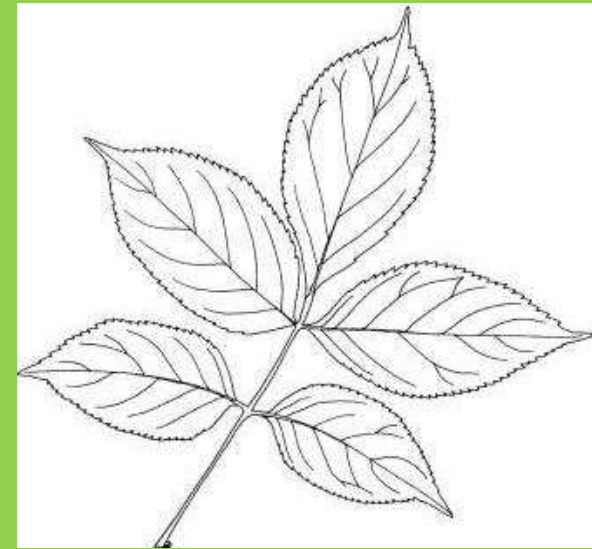
Black elder

Sambucus nigra



Black elder

Sambucus nigra



Black elder

Sambucus nigra



Trees/ shrubs - 2.

Scotch pine

Pinus sylvestris



© Nagy Tibor

The trunk is reddish-brown at the top, peeling in scales



The lower part of the trunk is dark with longitudinal cracks





Scotch pine

Pinus sylvestris



Common hackberry

Celtis occidentalis



Variably rough, 'warty' trunk

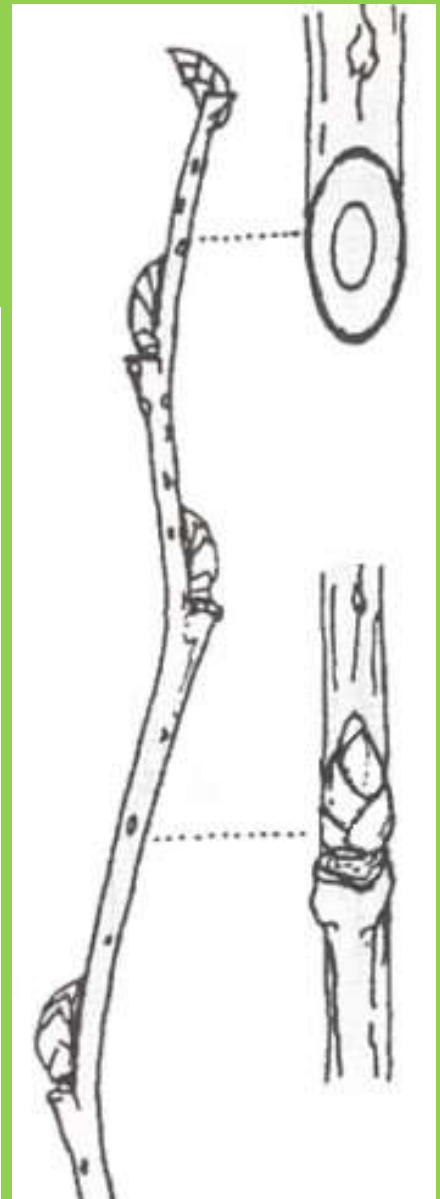
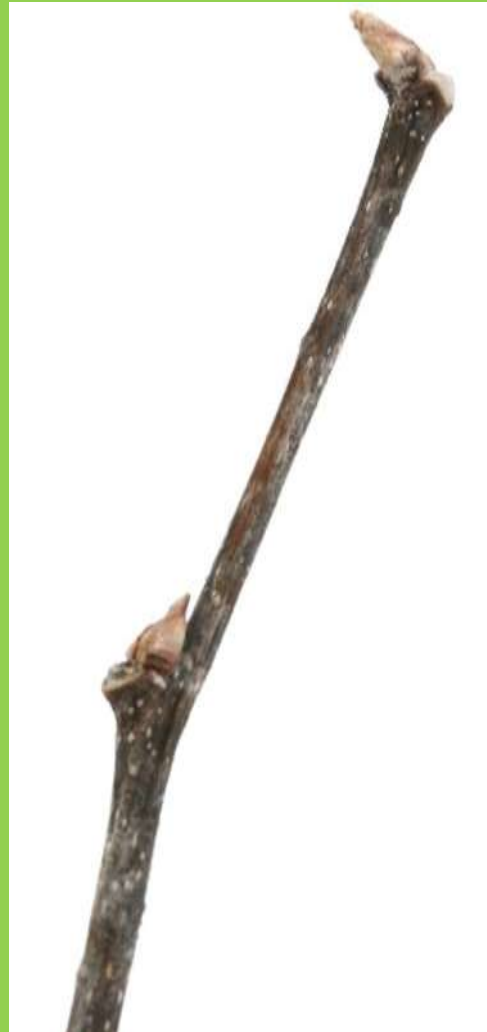
Common hackberry

Celtis occidentalis

The terminal bud is curved to the side

The lateral bud is flattened and closely pressed to the stem

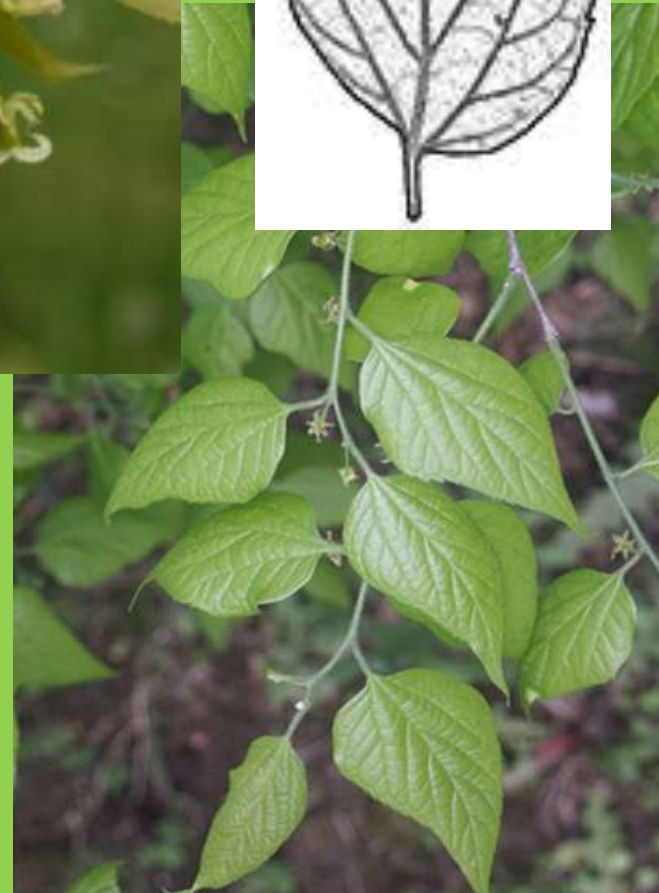
The twig is thin



Alternate bud arrangement

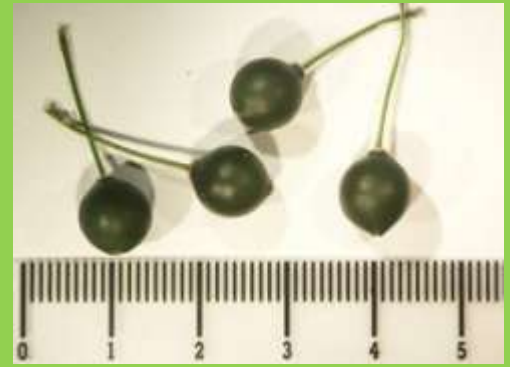
Common hackberry

Celtis occidentalis



Common hackberry

Celtis occidentalis



Wild cherry

Cerasus avium / *Prunus avium*



Bark: reddish-brown, shiny,
peeling in ring-like strips.



In old age, unevenly cracked.



Wild cherry

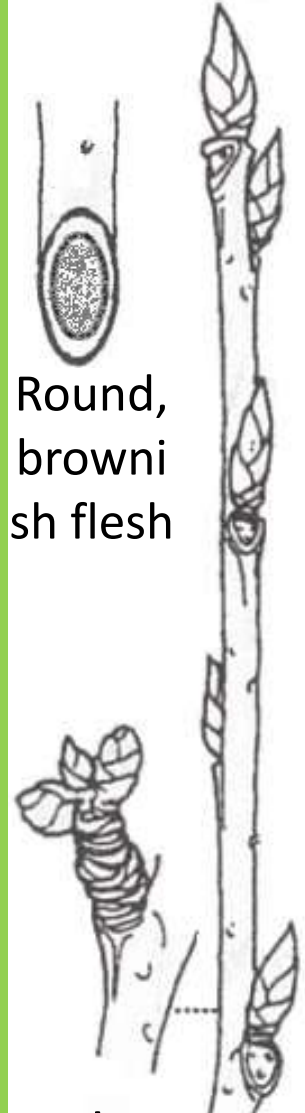
Cerasus avium / *Prunus avium*



Thick twig,
with larger
buds.



Clustered flower buds.

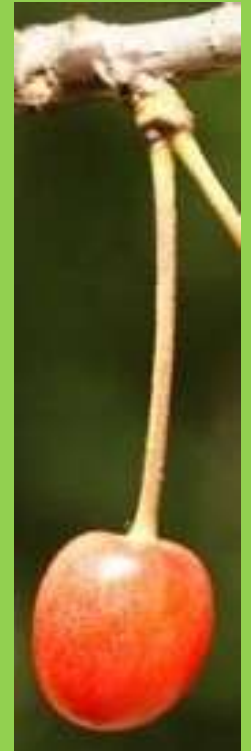


Round,
brownish
flesh

Alternate
bud
arrangement

Wild cherry

Cerasus avium / *Prunus avium*



Late cherry

Padus serotina / *Prunus serotina*



The trunk is brownish-gray,
with many crosswise light
streaks.



In old age, it peels roughly.

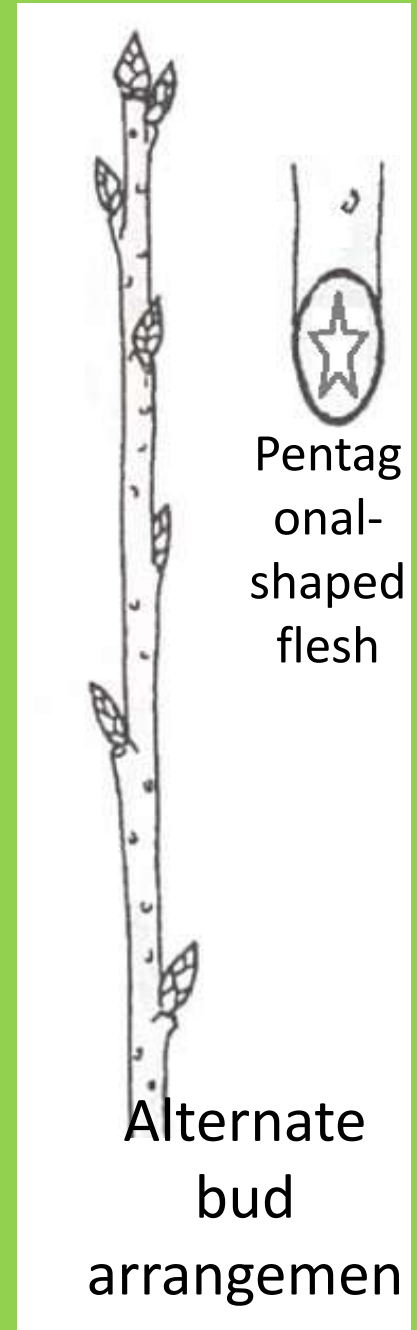


Late cherry

Padus serotina / *Prunus serotina*



Thin, reddish-brown twig. Small, elongated buds.



Pentagonal-shaped flesh

Alternate bud arrangement

Late cherry

Padus serotina / *Prunus serotina*



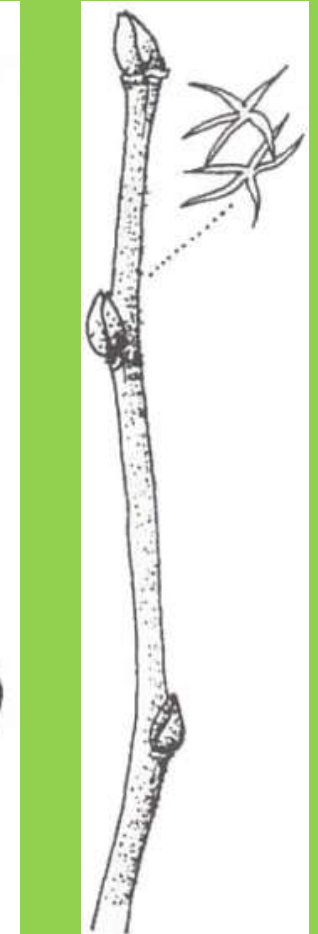
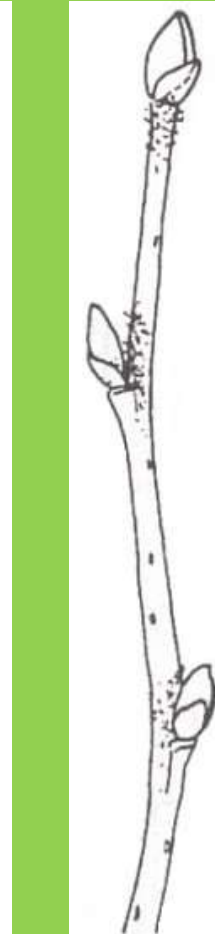
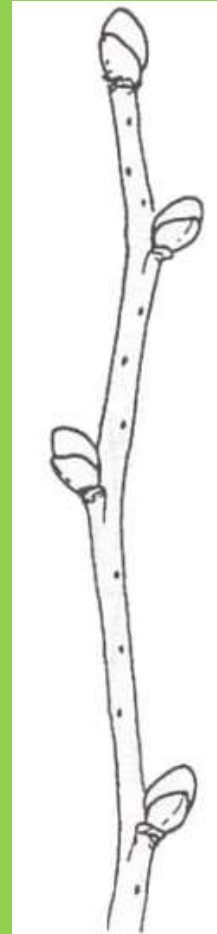


Linden

Tilia sp.

Oval-shaped,
(often
reddish), buds
that are
spaced away
from the stem

Only 2-3
bud scales.



Alternate bud arrangement

© botanikaland.hu



© botanikaland.hu

Linden

Tilia sp.



Linden

Tilia sp.



Elm

Ulmus sp.

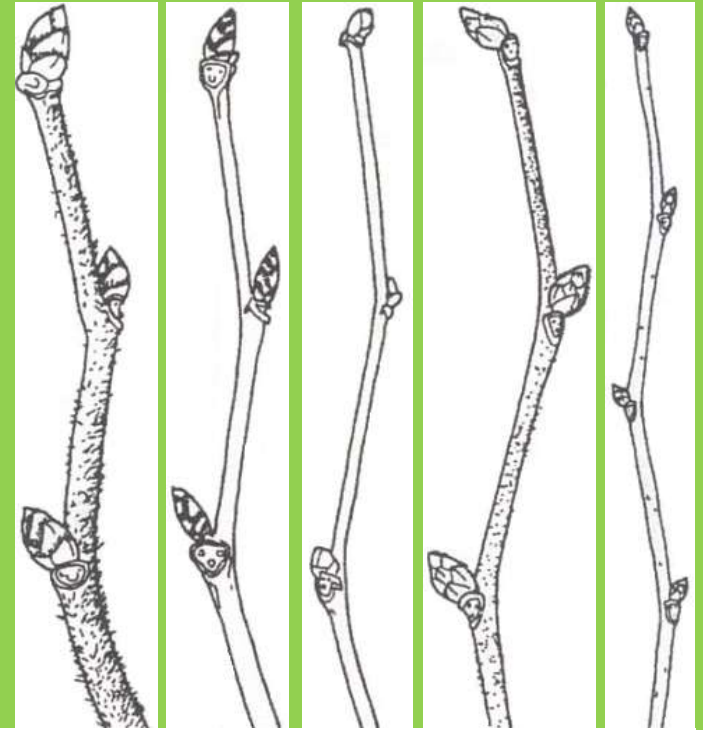


On their trunks,
water shoots (or
"puffs") often
develop



Elm

Ulmus sp.



Alternate bud arrangement



Elongated, variegated,
small leaf buds.



Darker, spherical
flower buds.



Elm

Ulmus sp.

The reddish inflorescence appears as early as February. The fruits ripen by early May



Elm

Ulmus sp.

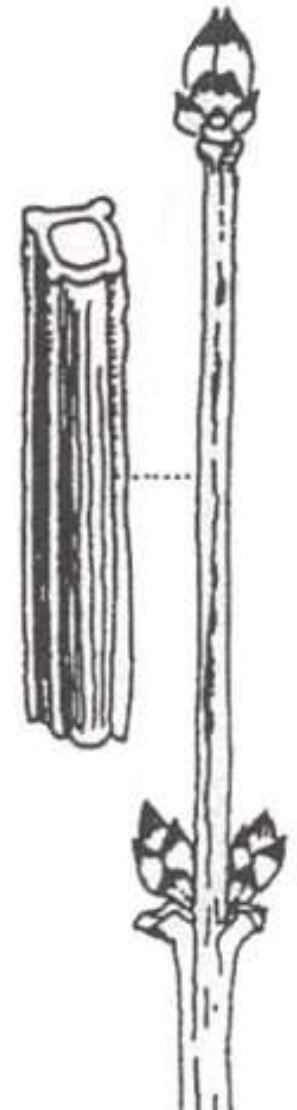


Spindle

Euonymus europaeus



© Nagy Tibor



Decussate
opposite bud
arrangement

The twig is green, angular, with 4 light stripes. At the end of the twig, there is a triple terminal bud. The bud is green with a brownish edge

Spindle

Euonymus europaeus



Spindle

Euonymus europaeus



The trunks of older specimens are light, grayish-brown, and slightly ridged

Spindle

Euonymus europaeus



Spindle

Euonymus europaeus



Single-seed hawthorn

Crataegus monogyna



The bud is small and reddish..



On the twig, a single, straight, strong thorn.



Scattered bud arrangement

Single-seed hawthorn

Crataegus monogyna



The bark is dark brown, peeling in scales (rectangular pieces) – even in young specimens.

Single-seed hawthorn

Crataegus monogyna



Trees/ shrubs - 3.

Maple-leaved plane tree

Platanus hybrida



The trunk is mottled, due to the irregularly shaped pieces of bark that peel off

Maple-leaved plane tree

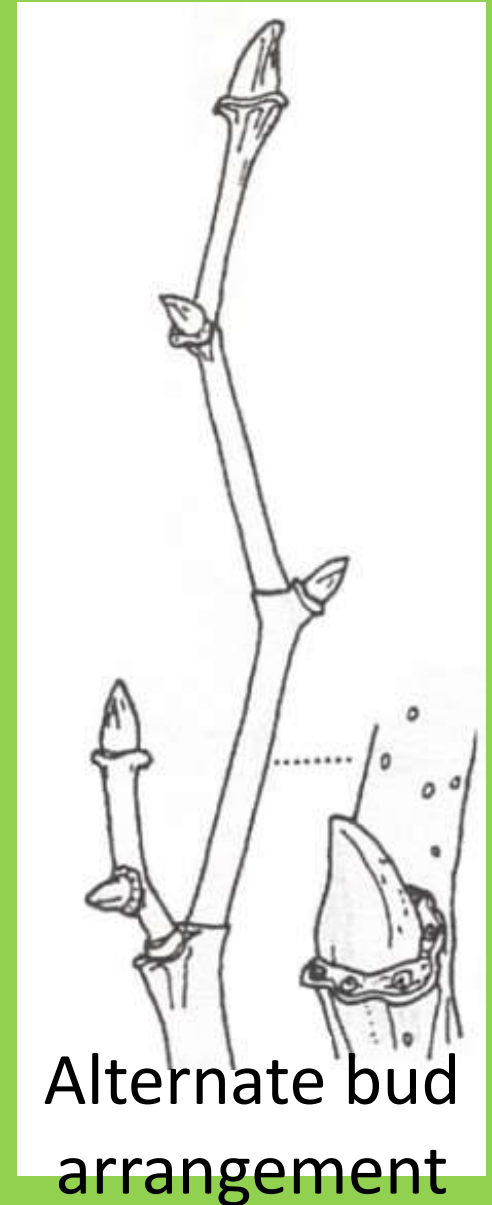
Platanus hybrida



The twig is zigzagging.



The bud is conical, with a rounded tip, and greenish-brown.



Alternate bud arrangement

Maple-leaved plane tree

Platanus hybrida



Norway maple

Acer platanoides



The bark is densely cracked in a longitudinal direction, but not deeply

Norway maple

Acer platanoides



A large reddish terminal bud, with a smaller side bud close to the stem. At the top of the twig, a triple terminal bud.

Opposite
decussate
bud
arrangement

Norway maple

Acer platanoides



Norway maple

Acer platanoides



Boxelder

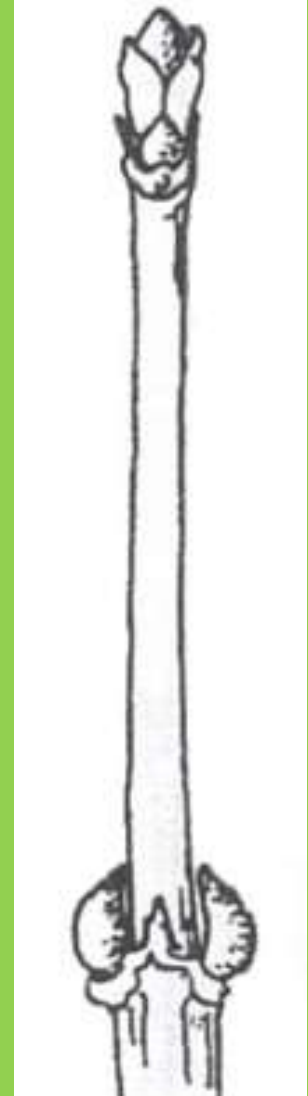
Acer negundo



The trunk is initially greenish, then yellowish-brown, networked and cracked, with irregularly ridged bark.

Boxelder

Acer negundo



Opposite
decussate
bud
arrangement

Silvery, oval terminal bud. Side buds are silvery and pressed against the stem. At the end of the twig, a triple terminal bud.

Boxelder

Acer negundo



Boxelder

Acer negundo



Sycamore maple

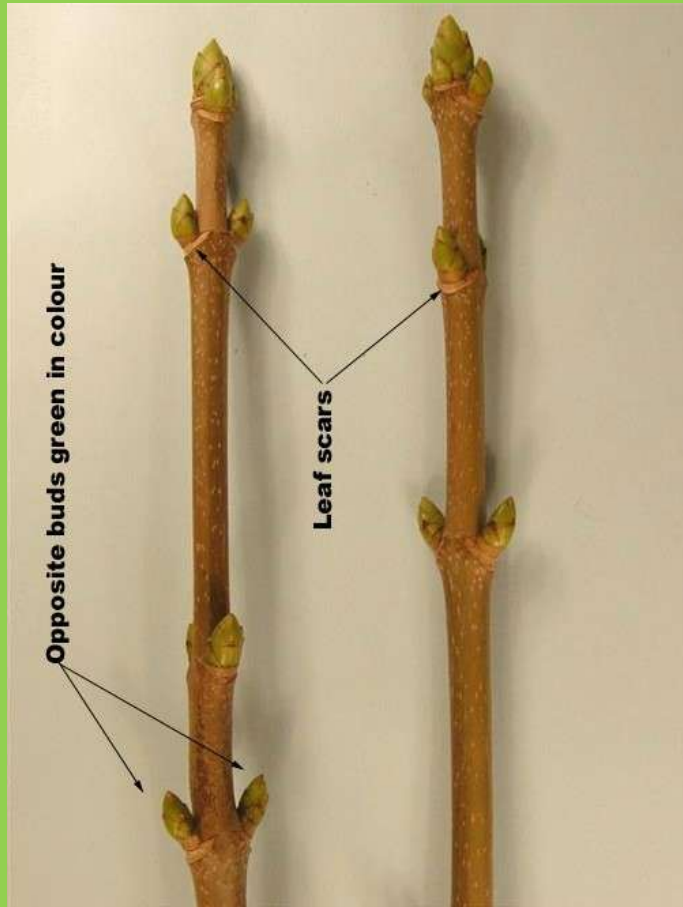
Acer pseudoplatanus



The trunks of older trees are mottled and patchy due to the irregularly shaped, flat, peeling bark flakes, giving them a shaggy appearance.

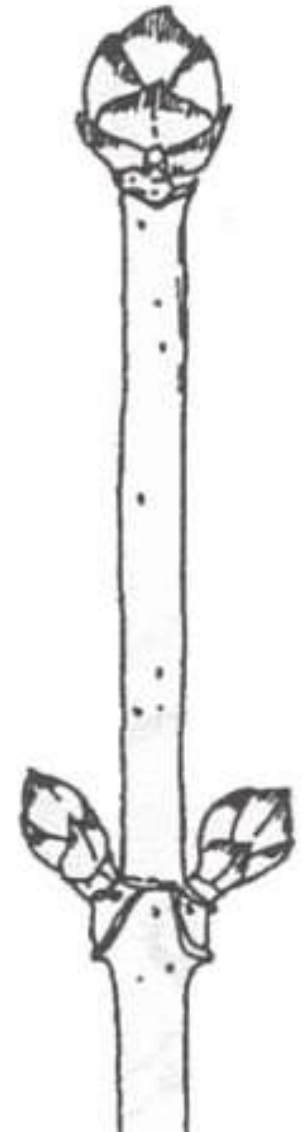
Sycamore maple

Acer pseudoplatanus



A large green terminal bud, with dark edges on the bud scales

The side buds are smaller and set apart from the stem. At the end of the twig, a triple terminal bud



Opposite decussate bud arrangement

Sycamore maple

Acer pseudoplatanus



Sycamore maple

Acer pseudoplatanus



Field maple

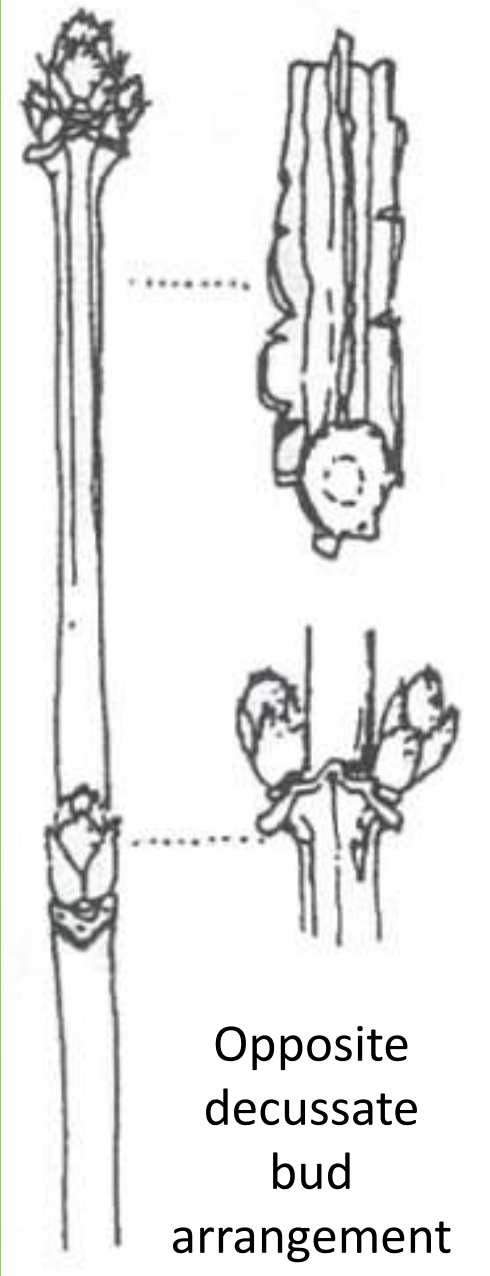
Acer campestre



The grayish-brown bark cracks into rectangular pieces early on and is easily crushable

Field maple

Acer campestre



Field maple

Acer campestre



Field maple

Acer campestre



Tatarian maple

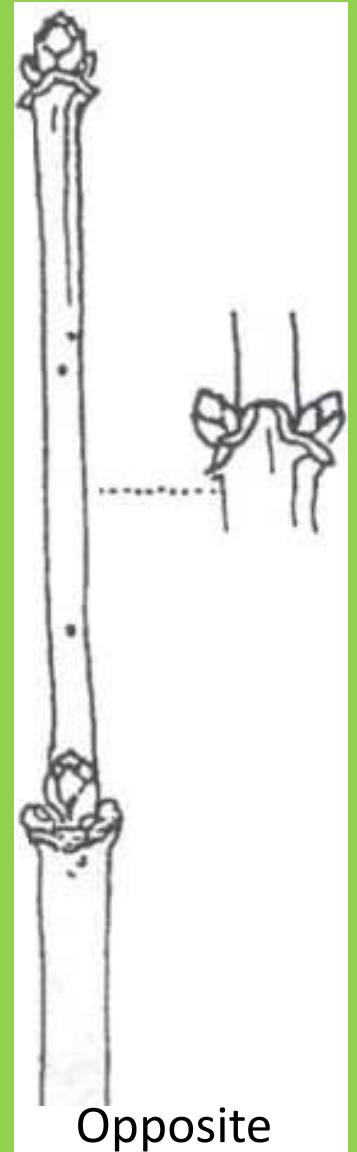
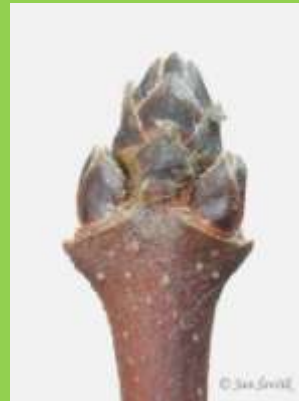
Acer tataricum



Smooth throughout, sooty-gray.

Tatarian maple

Acer tataricum



Opposite
decussate
bud
arrangement

Tatarian maple

Acer tataricum



Tatarian maple

Acer tataricum



Dog rose

Rosa canina

The green twig is reddish on the sunlit side.

The buds are small, red, and conical



It has large, hook-shaped thorns with a wide base.

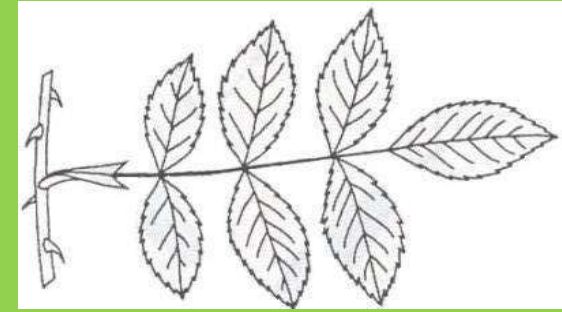


Alternate bud arrangement



Dog rose

Rosa canina



Ivy

Hedera helix



It clings to the tree trunks with many aerial roots

Ivy

Hedera helix



Ivy

Hedera helix



Its flowers bloom in the autumn.



The fruit ripens in April.