

**Smooth margins**

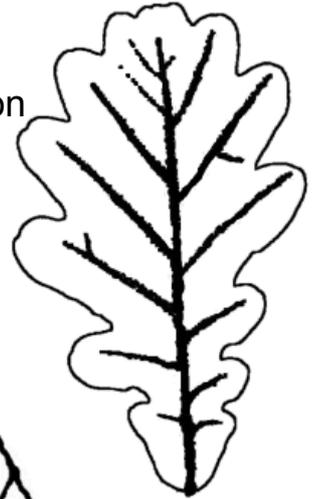
Hawthorn



Field Maple



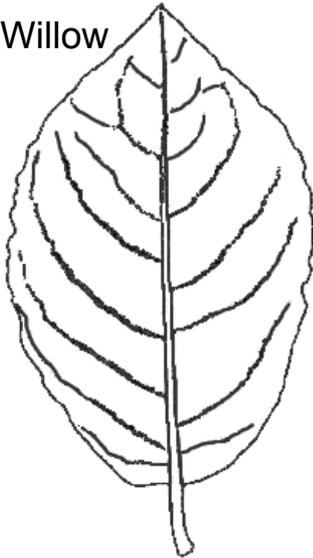
Common Oak



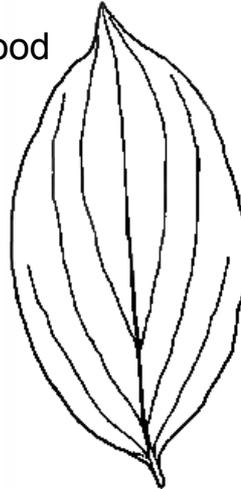
Beech



Goat Willow



Dogwood

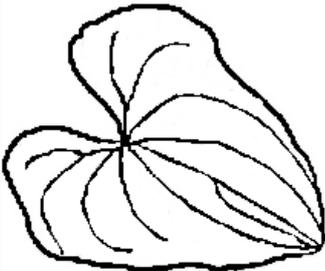


Privet



**Climbers**

Black Bryony



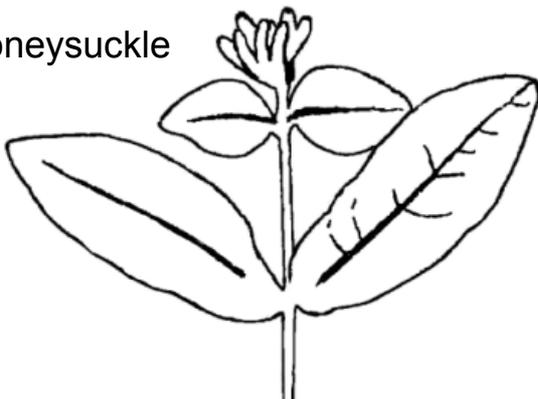
Ivy



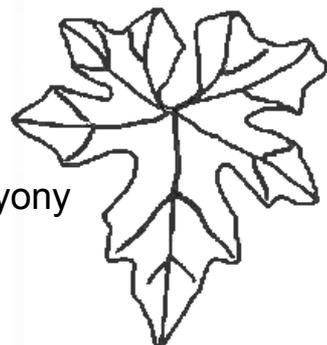
Old Man's Beard



Honeysuckle

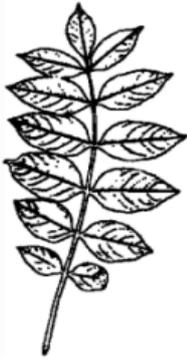


White Bryony

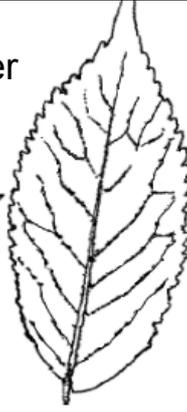


# Toothed margins

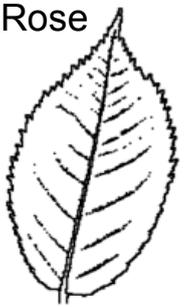
Ash



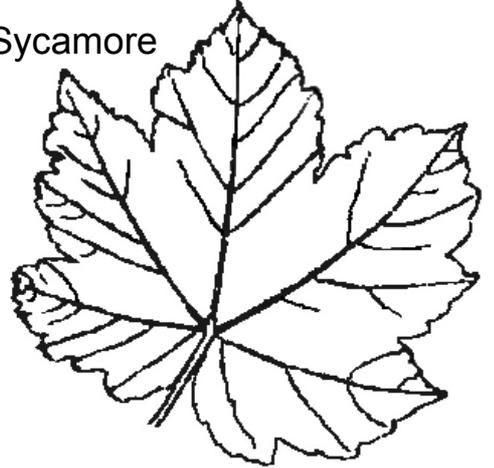
Elder



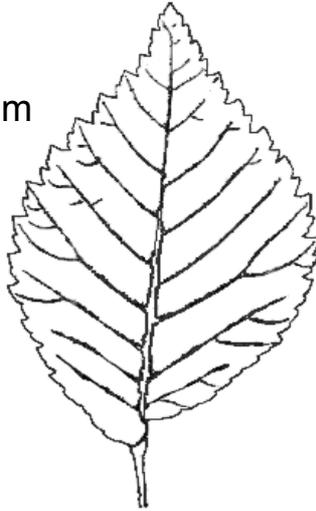
Dog Rose



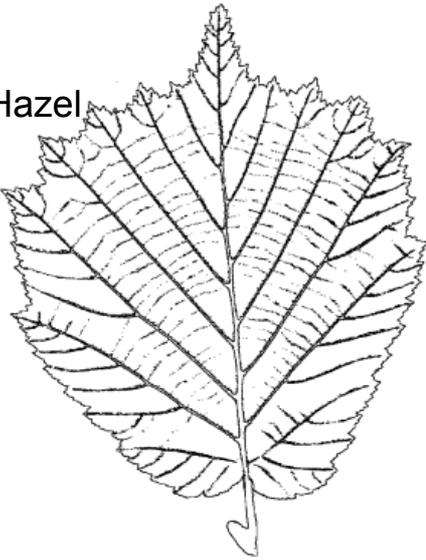
Sycamore



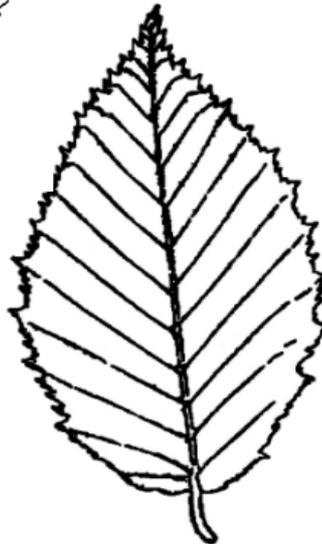
Wych Elm



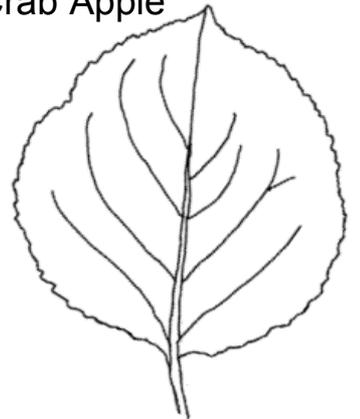
Hazel



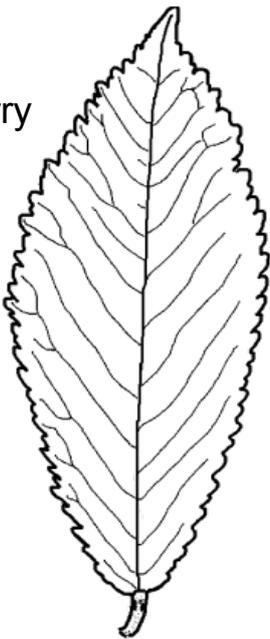
Hornbeam



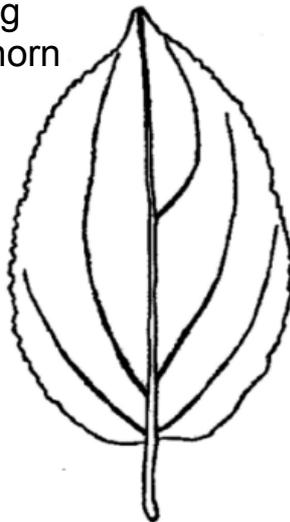
Crab Apple



Wild Cherry



Purging Buckthorn



Spindle



Blackthorn



## Smooth margins

**Beech:** Alternate leaves up to 10cm long (4in) with wavy margins and a fringe of silky hairs.

**Dogwood:** Stem growing generally upright. Opposite leaves up to 8cm long (3in). Prominent margins running towards the tip of the leaf. (**Alder buckthorn** is similar but veins run towards the sides of the leaf.)

**English oak:** Alternate leaves with short stalk and ear-like lobes at the base. Acorn with long stalk.

**Field maple:** Opposite leaves up to 12cm long (5in).

**Goat willow:** Alternate leaves up to 12cm (5in). Dark green and 'leathery' on top, grey underneath with short twisted point at tip.

**Hawthorn:** Alternate leaves 3-5cm long (1-2in). Flowers with 5 petals, white or pink (May).

**Privet:** Opposite leaves thick and glossy, up to 6cm (2.5in) long.

## Climbers

**Black bryony:** Leaves bright shiny green, up to 10cm (4in) long. Flowers tiny, 3-6mm (1/8-1/4in) with 6 greenish yellow petals. Poisonous red berries.

**Honeysuckle:** Opposite leaves dark green above, up to 6cm (2.5in) long. Flowers yellowish and slender.

**Ivy:** Alternate leaves dark green, thick and glossy, shape variable.

**Old man's beard:** Opposite leaves with one terminal leaflet followed by opposite leaflets up 5-10cm long (2-4in). Fruits make dense whitish feathery clusters.

**White bryony:** Leaves up to 15cm (6in) long. Flowers small, 10-20mm across (2/5-5/7in), with 5 greenish yellow petals.

## Toothed margins

**Ash:** Opposite leaves with 3-6 pairs of leaflets (+1 one terminal) each up to 12cm (5in) long. Lower surface paler than upper side.

**Blackthorn:** Alternate narrow leaves up to 3-4cm long (1-1.5in). Branches often terminate in spiny twigs. Small dark blue plum-like fruits (sloe).

**Crab apple:** Alternate leaves up to 11cm (4.5in) long. Smooth on both sides when fully open (Leaves of **cultivated apple** usually downy underneath). Branches and twigs usually spiny.

**Dog rose:** Alternate leaves with 5-7 leaflets 15-40mm (3/5-1.5in) long. Stem with strong curved thorns, 15mm (2/5in) wide at the base (**Field rose** has slender straighter thorns, 5mm (1/5in) and hairs on the main vein beneath.). Fruits egg-shaped (rose hip).

**Elder:** Opposite leaves with 2-3 pairs of leaflets (+1 terminal) each up to 12cm (5in) long. Slightly hairy underside.

**Hazel:** Alternate leaves pale green and very soft, up to 10cm long (4in).

**Hornbeam:** Alternate leaves up to 12 cm long (5in) with doubly toothed margins and prominent veins.

**Purging buckthorn:** Opposite leaves up to 6cm (2.5in) long. The conspicuous veins converge towards the tip of the leaf. Flowers small, greenish, fragrant, with 4 petals.

**Spindle:** Opposite leaves up to 10cm (4in) long. Flowers small, star-shaped with 4 petals, yellowish-green on long stalks. Fruits 4-lobed, bright pink on long stalks.

**Sycamore:** Opposite leaves up to 18cm long (7in).

**Wayfaring tree:** Opposite leaves greyish-green, thick and wrinkled, up to 14cm long (6in).

**Wild Cherry:** Alternate leaves up to 15cm (6in) long. Underside downy on the veins, stalk with 2 glands near the leaf. Twigs smooth and red.

**Wych elm:** Rough alternate leaves, up to 12cm (5in) long. Leaf base unequal with long side overlapping the leaf stalk (No overlap in **English elm**). Fruits borne in dense clusters of oval papery wings up to 2cm (1in) long.