

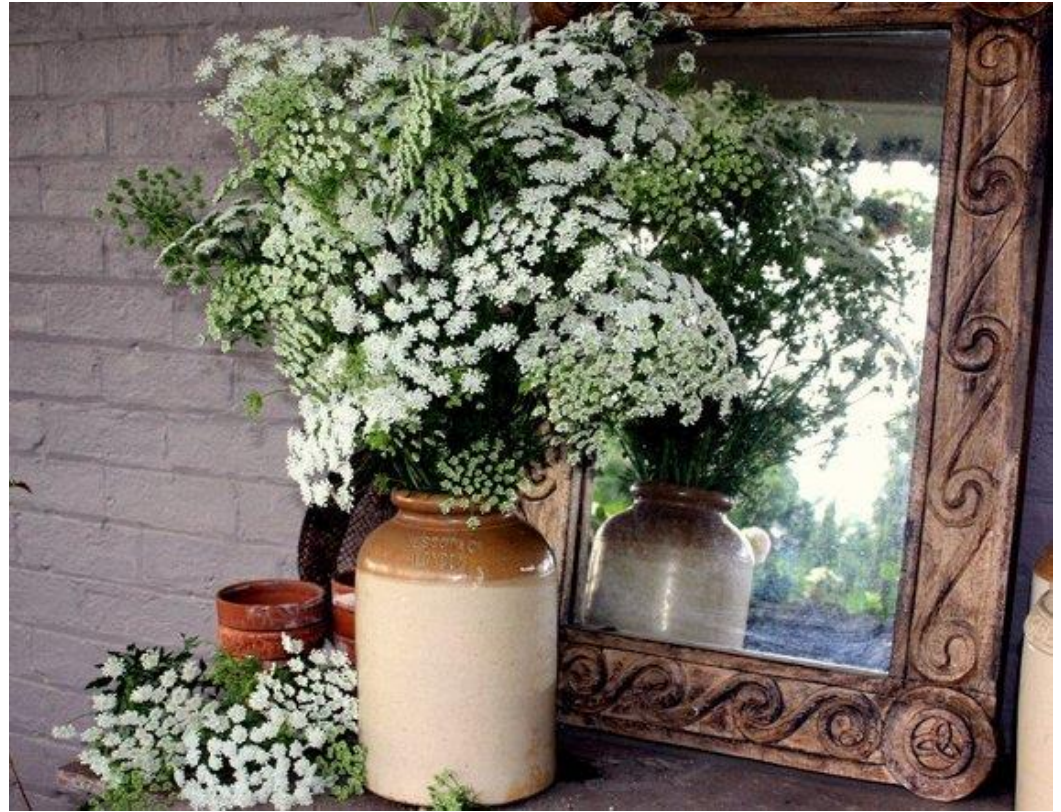


Weed identification – Umbellifers or *Apiaceae*

Dr Sarah Cook
ADAS

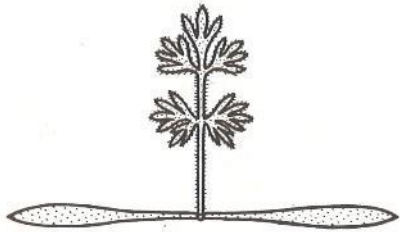


Umbellifers are trendy!

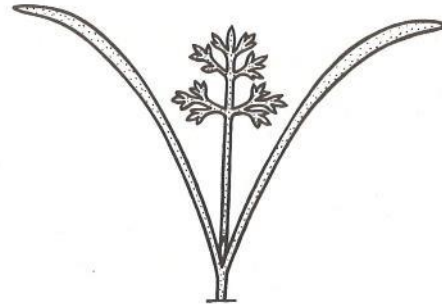


Some have long thin cotyledons

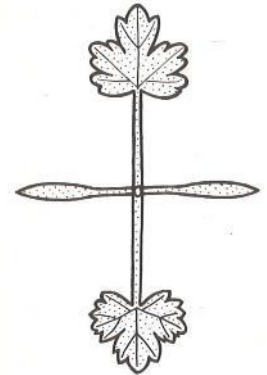
Some have deeply divided 1st true leaves



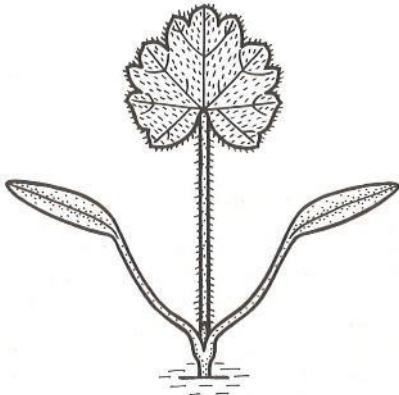
Daucus carota ssp. carota
top view $\times 1.5$



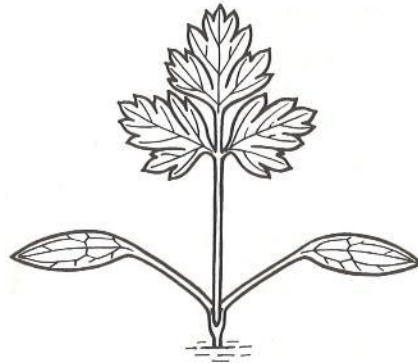
Scandix pecten-veneris
side view $\times 1.5$



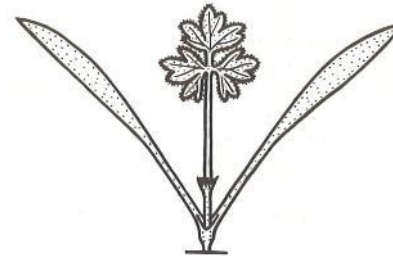
Aethusa cynapium
top view $\times 1.5$



Heracleum sphondylium
oblique view $\times 1.5$



Conium maculatum
oblique view $\times 1.5$



Anthriscus sylvestris
side view $\times 1.5$

From Chancellor, 1966

Most likely umbellifers in arable fields

Species	English	Bayer code
<i>Aethusa cynapium</i>	Fool's parsley	AETCY
<i>Anthriscus sylvestris</i>	Cow parsley	ANRSY
<i>Anthriscus caucalis</i>	Bur chervil	ANCRA
<i>Daucus carota</i>	Wild carrot	DAUCA
<i>Petroselinum segetum</i>	Corn parsley	PARSE
<i>Torilis arvensis</i>	Spreading hedge parsley	TOIAR
<i>Scandix pecten-veneris</i>	Shepherd's needle	SCAPV

Aethusa cynapium

Fool's parsley



Shiny lower leaf
Poisonous but not after
drying



Anthriscus caucalis

Bur chervil



Martyn Cox, Blackthorn Arable

Fruits have hooked spines



Anthriscus sylvestris

Cow parsley



Early flowering
Downy or not
On roadsides



Martyn Cox, Blackthorn Arable



Flowers April to June

Daucus carota Wild carrot



Smells of carrot



Martyn Cox, Blackthorn Arable



Petroselinum segetum

Corn parsley



Smells like parsley when crushed
40-60cm
Thin and wiry



5x11146

Torilis arvensis Spreading hedge parsley

Spiny fruits



Scandix pecten-veneris

Shepherd's needle



Very long cotyledons
Very long beaked fruits



Common around the edge of fields

Species	Common	Bayer code
<i>Smyrniurn olusatrum</i>	Alexanders	SMYOL
<i>Heracleum sphondylium</i>	Hogweed	HERSP
<i>Heracleum mantegazzianum</i>	Giant hogweed	HERMZ
<i>Conium maculatum</i>	Hemlock	COIMA

Conium maculatum

Hemlock

COIMA

Purple Spotted stems

Unpleasant mousey smell

Hairless

poisonous



Heracleum mantegazzianum

Giant hogweed

HERMZ

Very tall
Don't touch!



Heracleum sphondylium

Hogweed

HERSP



Smyrniium olusatrum
Alexanders
SMYOL



Smells of parsley
Yellow/Green flowers
Black fruit
Shiny leaves
By the seaside – mainly

