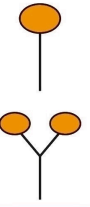
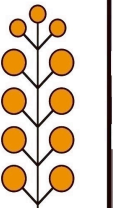
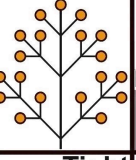


Flower arrangement	Radially symmetric flowers (not green or brown)					Bilateral flowers
	 3 or 6 petals	 4 petals	 5 joined petals	 5 free petals	 7+ petals	
Single or pair 	Amaryllidaceae 83 ^{503-517*} Iridaceae 83 ⁶⁶⁰⁻² Liliaceae 84-86 ^{503-517*} Aristolochiaceae 76 ⁷²⁻⁹⁸ Hydrocharitaceae 79 ⁵²⁰ Alismataceae 79 ⁵¹⁸	Papaveraceae 5-6 ⁹⁰ Rosaceae 26-31 240-72 Onagraceae 35 306-12 Caryophyllaceae 13-16 Gentianaceae 58-9	Primulaceae 57-8 Ericaceae 55 Convulvulaceae 61 Campanulaceae 54 Apocynaceae 58 Gentianaceae 58-9 Pyrolaceae 56 Solanaceae 61 Caprifoliaceae 41 Menyanthaceae 59	Ranunculaceae 1-4 Rosaceae 26-31 Geraniaceae 19-20 Caryophyllaceae 13-16 Hypericaceae 17 Oxalidaceae 20 Saxifragaceae 32 Parnassiaceae 32 Malvaceae 18 Linaceae 19	Ranunculaceae 1-4 Nymphaeaceae 57 Primulaceae 57-8 Rosaceae 26-31 Gentianaceae 58-9 Paeoniaceae 4 Aizoaceae - (Asteraceae 44-54) (Caryophyllaceae 13-16)	
In Leaf Axils	Liliaceae 84-86 Lythraceae 34 Aristolochiaceae 76	Onagraceae 35 Rosaceae 26-31 Rubiaceae 42 Caryophyllaceae 13-16 (Scrophulariaceae 62-65)	Boraginaceae 59-61 Ericaceae 55 Primulaceae 57-8 Campanulaceae 54 Convulvulaceae 61 Apocynaceae 58 Solanaceae 61 Cucurbitaceae 36	Malvaceae 18 Hypericaceae 17 Caryophyllaceae 13-16 Polygonaceae 73-4 Primulaceae 57-8 Lythraceae 34 Linaceae 19 Saxifragaceae 32 Santalaceae 75	Aizoaceae - (Caryophyllaceae 13-16) (Onagraceae 35) Rosaceae 26-31 Portulacaceae 16 Oxalidaceae 20 (Solanaceae 61) Frankeniaceae 13	
Spike or Raceme 	Liliaceae 84-86 Lythraceae 34 Dioscoreaceae 84 Alismataceae 79 Resedaceae 11 Polygonaceae 73-4 Iridaceae 83 Scheuchzeriaceae 79	Cruciferae 6-11 Onagraceae 35 (Scrophulariaceae 62-65) Resedaceae 11 Polygonaceae 73-4	Campanulaceae 54 Boraginaceae 59-61 Ericaceae 55 Menyanthaceae 59 Pyrolaceae 56 Crassulaceae 33 Primulaceae 57-8 Scrophulariaceae 62-65 Cucurbitaceae 36 Resedaceae 11	Rosaceae 26-31 Lythraceae 34 Resedaceae 11 Polygonaceae 73-4 Saxifragaceae 32 Droseraceae 34 Linaceae 19 Cistaceae 11 Portulacaceae 16 Ranunculaceae 1-4	(Cruciferae 6-11) (Onagraceae 35) Resedaceae 11 Santalaceae 75	
Umbel or double umbel	Liliaceae 84-86 Amaryllidaceae 83 Butomaceae 79 Alismataceae 79	Papaveraceae 5	Primulaceae 57-8 Cucurbitaceae 36	Umbelliferae 36-40 Geraniaceae 19-20 Oxalidaceae 20 Rosaceae 26-31		
Complex group 	Dioscoreaceae 84 Alismataceae 79 Liliaceae 84-86 Polygonaceae 73-4 Rosaceae 26-31 Rubiaceae 42	Rubiaceae 42 Rosaceae 26-31 Cruciferae 6-11 Crassulaceae 33 Saxifragaceae 32 Gentianaceae 58-9 Cruciferae 6-11 Onagraceae 35 (Scrophulariaceae 62-65)	Boraginaceae 59-61 Valerianaceae 43 Gentianaceae 58 Primulaceae 57-8 Solanaceae 61 Rubiaceae 42 Polemoniaceae 59 Plumbaginaceae 56 Caprifoliaceae 41 Scrophulariaceae 62-65	Rosaceae 26-31 Hypericaceae 17 Polygonaceae 73-4 Caryophyllaceae 13-16 Saxifragaceae 32 Crassulaceae 33 Malvaceae 18 Linaceae 19	(Asteraceae 44-54) (Caryophyllaceae 13-16) Ranunculaceae 1-4 Rosaceae 26-31 Gentianaceae 58-9 Ranunculaceae 1-4 Geraniaceae 19-20 (Solanaceae 61)	
Tight head	Liliaceae 84-86 (Asteraceae 44-54) Polygonaceae 73-4	Dipsacaceae 43 Rosaceae 26-31 Cruciferae 6-11 Eriocaulaceae 90 Polygonaceae 73-4 (Asteraceae 44-54)	Asteraceae 44-54 Dipsacaceae 43 Campanulaceae 54 Boraginaceae 59-61 Valerianaceae 43 Convulvulaceae 61	Caryophyllaceae 13-16 Rosaceae 26-31 Umbelliferae 36-40 Plumbaginaceae 56 Cannabinaceae 76	(Asteraceae 44-54) (Caryophyllaceae 13-16) Polygonaceae 73-4	

BOOKS:

Black: Keble Martin's
Concise British Flora
(plate number)

Green: Streeter et al.'s
Collins Flower Guide

Pink: Francis Rose's
The Wild Flower Key

Families with a * may be
known by a different name
in some books (see over)

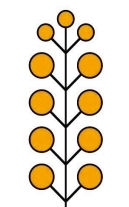
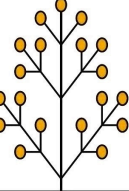
Flowers of Asteraceae
(=Compositae) are all tight
heads of tiny flowers with
five joined petals. They only
look like they have >6 petals

Cruciferae 6-11*
Ranunculaceae 4
Resedaceae 11
Campanulaceae 54
Iridaceae 83
Lentibulariaceae 66
Boraginaceae 59-61

Families in brackets do not
truly belong in that box;
they are added there
because a certain
character may not be clear
(e.g. are petals joined?)

Plant without Chlorophyll

Orobanchaceae 66
Convulvulaceae 61
Orchidaceae 80-2
Monotropaceae 56

Flower arrangement	Green/brown flowers. Often very small	
	Leaves broad	Grass-like leaves
 Single or pair	Araceae 88 ⁴⁹⁵⁻⁴⁹⁷ Plantaginaceae 71 ⁴⁰⁴ Caryophyllaceae 13-16 ¹³⁹⁻¹⁶⁰ Liliaceae 86 ⁶⁴⁶⁻⁶⁰ Euphorbiaceae 75 ³⁰⁶⁻³¹¹	Caryophyllaceae 13-16 ¹³⁹⁻¹⁶⁰ 122-38
 In Leaf Axils	Polygonaceae 73-4 ¹⁶⁰⁻¹⁷¹ Chenopodiaceae 71-3 ¹²⁹⁻¹³⁷ Rosaceae 26-31 ²⁴⁰⁻⁷² Euphorbiaceae 75 ³⁰⁶⁻³¹¹ Urticaceae 76 ¹²¹⁻¹²² Caryophyllaceae 13-16 ¹³⁹⁻¹⁶⁰ Callitrichaceae 34 ³⁸⁴⁻³⁸⁶ Viscaceae 75 ³⁰⁴ Rubiaceae 42 ⁴¹⁸⁻⁴²³	Caryophyllaceae 13-16 ¹³⁹⁻¹⁶⁰ Chenopodiaceae 71-3 ¹²⁹⁻¹³⁷ 102-14
 Spike or Raceme	Plantaginaceae 71 ⁴⁰⁴ Polygonaceae 73-4 ¹⁶⁰⁻¹⁷¹ Chenopodiaceae 71-3 ¹²⁹⁻¹³⁷ Resedaceae 11 ²²⁰ Euphorbiaceae 75 ³⁰⁶⁻³¹¹ Urticaceae 76 ¹²¹⁻¹²² Amaranthaceae 71 ¹¹² Cannabinaceae 76 ⁹⁶ Cucurbitaceae 36 ¹⁷⁴ Potamogetonaceae 89-90 ⁴⁸⁹⁻⁴⁹³ Scheuchzeriaceae 79 ⁵²⁰	Graminae 95-9 ⁵⁸⁶⁻⁶⁴² Cyperaceae 91-4 ⁵⁴⁸⁻⁸⁴ Resedaceae 11 ²¹² Typhaceae 88 ⁶⁴⁴ Juncaginaceae 79 ⁵²⁶ Araceae 88 ⁵³⁴ Orchidaceae 80-2 ⁵²¹⁻⁵⁴⁶ Acoraceae 88 ⁵³⁴ Potamogetonaceae 89-90 ⁴⁸⁹⁻⁴⁹³ Polygonaceae 73-4 ¹⁶⁰⁻¹⁷¹ Araceae 88 ⁵³⁴ Ophioglossaceae (fern)
 Umbel	Araliaceae 41 ³³⁸ Cucurbitaceae 36 ¹⁷⁴ Umbelliferae 36-40 ³³⁸⁻⁵⁸	
 Complex group	Polygonaceae 73-4 ¹⁶⁰⁻¹⁷¹ Chenopodiaceae 71-3 ¹²⁹⁻¹³⁷ Euphorbiaceae 75 ³⁰⁶⁻³¹¹ Rosaceae 26-31 ²⁴⁰⁻⁷² Urticaceae 76 ¹²¹⁻¹²² Cannabinaceae 76 ⁹⁶ Amaranthaceae 71 ¹¹² Saxifragaceae 32 ²⁴⁰⁻²⁴⁵ Gunneraceae - -	Graminae 95-9 ⁵⁸⁶⁻⁶⁴² Cyperaceae 91-4 ⁵⁴⁸⁻⁸⁴ Juncaceae 86-7 ⁵³⁷⁻⁴⁶ Chenopodiaceae 71-3 ¹²⁹⁻¹³⁷ Polygonaceae 73-4 ¹⁶⁰⁻¹⁷¹ Cucurbitaceae 36 ¹⁷⁴ Scrophulariaceae 62-65 ³⁹¹⁻⁴⁰⁵ Ophioglossaceae (fern)
 Tight head	Plantaginaceae 71 ⁴⁰⁴ Euphorbiaceae 75 ³⁰⁶⁻³¹¹ Chenopodiaceae 102-14 ¹²⁹⁻¹³⁷ Rosaceae 26-31 ²⁴⁰⁻⁷² Amaranthaceae 71 ¹¹² Adoxaceae 41 ⁴⁵² Cannabinaceae 76 ⁹⁶	Juncaceae 86-7 ⁵³⁷⁻⁴⁶ Graminae 95-9 ⁵⁸⁶⁻⁶⁴² Cyperaceae 91-4 ⁵⁴⁸⁻⁸⁴ Sparganiaceae 88 ⁶⁴⁴ Asteraceae 44-54 ⁴³³⁻⁴⁸¹ Viscaceae 75 ³⁰⁴

Trees and Shrubs			
Flowers not green or brown			
Bilateral symmetry 	Radial symmetry		
	White	Yellow	Pink/Purple
Fabaceae 21-25 ²⁶⁶⁻²⁹³ Caprifoliaceae 41 ⁴²⁴⁻⁴²⁶ Ericaceae 55 ²¹²⁻²⁰ Hippocastanaceae -326 ³¹⁵	Rosaceae 26-31 ²⁴⁵⁻²⁶⁶ Aquifoliaceae 20 ³⁰⁵ Caprifoliaceae 41 ⁴²⁴⁻⁴²⁶ Cornaceae 41 ³¹⁴ Rhamnaceae 20 ³²² Hippocastanaceae -326 ³¹⁵ Oleaceae 58 ⁴⁰⁶ Ericaceae 55 ²¹²⁻²⁰ Hydrangeaceae -	Hypericaceae 17 ¹⁷⁴⁻¹⁷⁸ Berberidaceae 4 ⁸⁸ Grossulariaceae 33 ²³⁶⁻²³⁷ Fabaceae 21-25 ²⁶⁶⁻²⁹³ Cornaceae 41 ³¹⁴ Rosaceae 26-31 ²⁴⁵⁻²⁶⁶	Rosaceae 26-31 ²⁴⁵⁻²⁶⁶ Buddleiaceae -404 ³⁸⁹ Ericaceae 55 ²¹²⁻²⁰ Grossulariaceae 33 ²³⁶⁻²³⁷ Hippocastanaceae -326 ³¹⁵ Solanaceae 62-65 ³⁵²⁻³⁵⁴ Tamaricaceae 17 ¹⁷⁴ Thymeleaceae 76 ³⁰⁶ Onagraceae 35 ³⁰⁶⁻¹² Caprifoliaceae 452-4 ⁴²⁴⁻⁴²⁶
Green/brown flowers			
Shape:	Catkin	Flower shaped	Other
	Salicaceae 77-8 ¹⁷¹⁻⁸ Betulaceae 76-7 ¹²⁵⁻¹²⁸ Fagaceae 77 ⁹⁸ Myricaceae 76 ⁹⁸ Corylaceae 77 ¹⁰⁰ Juglandaceae -123	Aceraceae 20 ³²⁴⁻⁶ Tiliaceae 18 ¹⁶⁴ Celastraceae 20 ³¹⁴ Rhamnaceae 20 ³²² Thymeleaceae 76 ³⁰⁶ Grossulariaceae 33 ²³⁶⁻²³⁷ Chenopodiaceae 71-3 ¹²⁹⁻¹³⁷	Fagaceae 77 ⁹⁸ Ulmaceae 76 ⁹⁶ Platanaceae - Oleaceae 58 ⁴⁰⁶ Eleagnaceae 75 ³⁰⁴ Buxaceae 41 ³¹⁴
Fully aquatic plants			
Flowers tiny (<2mm), mostly green			Flowers big and/or white/coloured
Leaves all at stem base	Leaves all along stem	Tiny, floating plant	
Zosteraceae 90 ⁵³² Plantaginaceae 71 ⁴⁰⁴ Scrophulariaceae 62-65 ³⁹¹⁻⁴⁰⁵ Isoetaceae (fern) Eriocaulaceae 90 ⁵³⁶	Callitrichaceae 34 ³⁸⁴⁻³⁸⁶ Potamogetonaceae 89-90 ⁴⁸⁹⁻⁴⁹³ Haloragaceae 34 ³⁰⁴ Hippuridaceae 34 ³⁸² Hydrocharitaceae 79 ⁵²⁰ Sparganiaceae 88 ⁶⁴⁴ Ceratophyllaceae 34 ⁷² Elatinaceae 17 ¹⁵⁶ Cyperaceae 91-4 ⁵⁴⁸⁻⁸⁴ Zannichellaceae 90 ⁵³² Ruppiaceae/Najadaceae 90 ⁵³²	Lemnaceae 88 ⁵³⁴⁻⁶ Azollaceae (Fern) 497-498 499	Nymphaeaceae 5 ⁷² Menyanthaceae 59 ³⁷⁰ Polygonaceae 73-4 ¹⁶⁰⁻¹⁷¹ Hydrocharitaceae 79 ⁵²⁰ Alismataceae 79 ⁵¹⁸ Campanulaceae 54 ⁴³⁸⁻⁴⁴ Lentibulariaceae 66 ⁴³⁸⁻⁸ Ranunculaceae 1-4 ¹⁰⁰⁻¹¹³ Primulaceae 57-8 ²²²⁻⁶ Butomaceae 79 ⁵¹⁸

Family name changes:	
The name's been changed, but the family's the same!	
Correct name with a star*	
Apiaceae*	= Umbelliferae
Asteraceae*	= Compositae
Brassicaceae*	= Cruciferae
Compositae	= Asteraceae*
Cruciferae	= Brassicaceae*
Fabaceae*	= Leguminosae
Graminae	= Poaceae*
Guttiferae	= Hypericaceae*
Hypericaceae*	= Guttiferae
Labiatae	= Lamiaceae*
Lamiaceae*	= Labiatae
Leguminosae	= Fabaceae*
Papilionaceae	= Fabaceae*
Poaceae*	= Graminae
Umbelliferae	= Apiaceae*
Modern data sometimes changes how we group things! Some families have been merged or broken up. Below is a list of families (left) that are sometimes placed within larger families (right). The one with an asterisk is more scientifically correct.	
Aceraceae	in Sapindaceae*
Buddleiaceae	in Scrophulariaceae*
Chenopodiaceae	in Amaranthaceae*
Corylaceae	in Betulaceae*
Cuscutaceae	in Convolvulaceae*
Empetraceae	in Ericaceae*
Escalloniaceae*	in Grossulariaceae
Fumariaceae	in Papaveraceae*
Hippocastanaceae	in Sapindaceae*
Illecebraceae	in Caryophyllaceae*
Menyanthaceae*	in Gentianaceae
Monotropaceae	in Ericaceae*
Paeoniaceae*	in Ranunculaceae
Parnassiaceae*	in Saxifragaceae
Pyrolaceae	in Ericaceae*
Tiliaceae	in Malvaceae*
Scrophulariaceae has had species moved into Orobanchaceae, Phrymaceae and Plantaginaceae (sometimes "Veronicaceae")	
Liliaceae has been broken into many smaller families by recent work. Not all are named here. Check everything on the pages given.	