

		Calyx	Corolla	Andr oe	Gynoe	Lvs	Comments
Apiaceae		5	5	5	Inf(2)	alt	infl. umbel; lvs dissect
Asteraceae		x	(5) or z(5)	[^] 5	Inf(2)	alt\basal\opp	invol of bracts (phyllaries)
Boraginaceae		5 or (5)	(5)	5	Sup(2)	alt	4 nutlets; scorpid, hairy infl
Brassicaceae		4	4	4+2	Sup(2)	alt	fr. a silique or silicle
Caprifoliaceae		5	(5)	5	Inf 2-8	opp	shrubs, astipulate
Caryophyllaceae	Pink	5 or (5)	5 [0]	5 or 10	Sup(2-5)	opp	petals oft cleft
Chenopodiaceae		5	0	5	Sup(2)	alt	halophytic, scurfy
Ericaceae		4-5	(4-5)	8-10	Sup/Inf(4-5)	alt\evergreen	fls urceolate
Fabaceae		(5)	z 1+2+2	9+1	Sup 1	alt	fr a legume
Geraniaceae		5	5	10	Sup(5)	alt/op	fr beak-like
Grossulariaceae		(4-5)===	5	5	Inf(2)	alt	oft spiny
Hydrophyllaceae		(5)	(5)	5	Sup(2)	alt or opp	oft scorpid, hairy
Iridaceae		3 ===	3>	3	Inf(3)	alt, equitant	
Lamiaceae		(5)	z(5)	2 or 2+2	Sup(2)	opp\whorl	square stem, aromatic
Liliaceae	Lily	3	3	6 [3]	Sup\Inf(3)	linear	petaloid perianth
Malvaceae		(3-5)	(5)	*	Sup(5-8)	alt, hairy	stellate hairs
Onagraceae		4===	4===	4 or 8	Inf(4)	alt\opp	petals clawed
Papervaceae		2-3	4-12	*	Sup(2-x)	alt	fls showy, sepals fugacious (1)
Polemoniaceae		(5)	(5)	5	Sup(3)	alt\opp	style 1, stigma 3; cor. salver. (2), rotate
Polygonaceae		3+3 or 5	0	3-9	Sup(2-8)	alt	petaloid calyx
Portulacaceae		2 or (2)	4-6	4*	Sup(2-8)	alt\opp, glabr	lvs fleshy
Primulaceae		5	(5)	5	Sup(5)	opp\bas\wh	infl scapose
Ranunculaceae		3-x	0-*	*	Sup* [3 or 1]	alt\opp	zygo in Delph. & Aconitum
Rosaceae		5===	5===	*	Sup1, *, (5)	alt	stipulate
Rubiaceae		4-5	(4-5)	4-5	Inf(2)	opp\whorl	stipulate
Saxifragaceae		5	5	5 or 10	Sup(2)>	alt\bas, exstip	scapose
Scrophulariaceae		(5)	z(5)	[2],4,[5]	Sup(2)	alt\opp\whorl	
Solanaceae		(5)	(5)	5	Sup(2)	alt, glandular	stigma capitate; flrs oft rotate

CALYX: 4 = 4 separate sepals; (5) = 5 united sepals

COROLLA: 5 = 5 sep petals (actinomorphic); z(4) = 4 united petals (zygomorphic)

=== indicates two or more whorls of the flower are fused and may form a hypanthium as in Rosaceae, Grossulariaceae., Onagraceae

ANDROCECIUM: x = many (10-20); * = many (over 20); [4] = rarely 4; 5 = fused by filaments; [^]5 = fused by anthers

GYNOECIUM: (2) = 2 fused carpels; 2 = 2 separate carpels; 2 = 2 separate carpels united below

jasper ridge\calyx.doc

(1) Lasting but a short time; fleeting

(2) Salverform -- Salverform refers to the type of corolla which has a slender tube with an abruptly expanded flat limb extending at 90 degree angles to the tube.