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FLOWERING PLANT FAMILIES OF NORTHWESTERN CALIFORNIA: A TABULAR COMPARISON

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Scientific Name Common Name	Habit	Leaves	Sexuality · Floral Formula Fruit Type · Comments
Aceraceae Maple	TSV	SC:O	U-m [P] · K 4-5 C 4-5 A 4-10 G (2) Paired samaras · leaves often palmately lobed
Acoraceae Sweet Flag	H	S:A	U-m · P 3+3 A 6 or G (3) Berry · aquatic; aromatic rhizomes
Aizoaceae Ice Plant	HS	S:AO	B · P [3] 5 [8] A 0-∞ Gsi (2-5-∞) Capsule (berry-like) · fleshy; stamens divided, petaloid
Alismataceae Water-Plantain	H	S:B	U-m · K 3 C 3 A 6-∞ or G 6-∞ Achene · aquatics; milky sap
Amaranthaceae Pigweed or Goosefoot	HS	S:AO	B or U-m · K 4-5 [0] C 0 A 4-5 G (2-3) Utricle, pyxis, achene · often on saline or alkaline soils
Anacardiaceae Cashew or Poison-oak	SVT	SC:A	U-mp · K 5 C 5 A 5 or 10 G (3) Drupe · aromatic; resins can cause severe dermatitis
Apocynaceae · Dogbane or Milkweed			
Apocynoideae	HSV	S:OW	B · K (5) C (5) A 5 or (5) G 2 or (2) Follicles · milky sap
Asclepiadoideae	HSV	S:OW	B · K 5 or <u>5</u> C (5) A 5 G 2 Follicles · corona; carpels united above; milky sap
Aponogetonaceae Cape Pondweed	H	S:A	B · P 0-6 A 3+3 G 2-9 Follicles · aquatic; milky sap
Aquifoliaceae Holly	S	S:A	B · K 4 C 4 A 4 G (4) Berry, drupe · leaf margins toothed
Araceae Aroid or Philodendron	HS	SC:A	U-m · K 0 or 4-6 C 0 A 6 or G (2-3) Berry · spathe and spadix; calcium oxalate crystals

Araliaceae Ginseng	SH	SC:A	B · K 5 C 5 A 5 Gi (5) Berry · flowers in 1 or more umbels
Aristolochiaceae Birthwort	HV	S:A	B · K (3) C 0 A 6-36 G (4-6) Capsule · roots often aromatic
Balsaminaceae Touch-Me-Not	H	S:AOW	B · Kb 2+1 Cb 5 A 5 G (5) Capsule · lower sepal a nectar spur
Berberidaceae · Barberry			
Berberidoideae	S	SC:A	B · K 3+3 C 3+3 A 4-18 G (2-3) Berry · leaves generally spiny-margined
Podophylloideae	H	SC:A	B · K 4-x C 6-9 A 4-x G 1 Achene or capsule · leaves spineless
Betulaceae Birch	TS	S:A	U-m · K 0-4 C 0 A 2-20 or Gi (2) Nut, samara · catkins
Bignoniaceae Trumpet Creeper	TS	SC:O	B · K (5) Cb (5) A 2+2 or 2 G (2) Capsule; scroph-like flowers; seeds winged
Boraginaceae Borage	H	S:A	B · K 5 C (5) A 5 G (2) Nutlet, achene, drupe · curved cyme
Buddlejaceae Butterfly Bush	ST	S:O	U-d · K (4) C (4) A 4 or G (2) Capsule; flowers fragrant; seeds winged
Cactaceae Cactus	HS	S:A	B · P_{∞} A ∞ Gi (2- ∞) Berry · spiny succulents
Callitrichaceae Water Starwort	H	S:O	U-m · P 0 A 1 or G (2) Schizocarp · often submerged aquatics; leaves dimorphic
Calycanthaceae Sweet Shrub	S	S:O	B · P 15-40 A 5-30 G 5-35 Achene · aromatic; flowers solitary; receptacle bell-shaped
Campanulaceae · Bell Flower			
Campanuloideae	H	S:A	B · K 5 C (5) A 5 Gi (2, 3, 5) Capsule, berry · milky sap
Lobelioideae	H	S:A	B · K 5 Cb (5) A 5 Gi (2-3) Capsule · anthers united into tube
Cannabaceae Hemp	HV	S:AO	U-d · K 5 C 0 A 5 or G (2) Achene · plants aromatic; calyx persistent
Caprifoliaceae Honeysuckle	S	S:O	B · K 5 Crb (5) A 4-5 Gi (2-5 [8]) Berry, drupe, capsule · bracts sometimes conspicuous
Caryophyllaceae Carnation or Pink	H	S:O	B · K 5 or (5) C 5 [0] A 5-10 G (2-5) Capsule, utricle · free-central placentation

Celastraceae • Staff Tree				
Traditional	S	S:AO	B • K 3-5 C 3-5 A 3-5 G (2-5)	Capsule, nutlet • nectary disk
Parnassioideae	H	S:B	B • K 5 C 5 A 5 G (3-4)	Capsule • stamens alternate with 5 staminodes
Ceratophyllaceae	H	S:W	B • K (9-12) C 0 A 12-16 G 1	Achene • submerged aquatics; leaves in linear segments
Hornwort				
Cistaceae	SH	S:OA	B • K 5 C 5 A ∞ G (3-10)	Capsule • plants aromatic; stamens sensitive to touch
Rock-Rose				
Cleomaceae	S	C:A	B • K 4 Cb 4 A 8-32 G (2)	Capsule, berry • plants malodorous; ovary slightly stalked
Spider Flower				
Commelinaceae	H	S:A	B • K 3 C 3 A 6 G (3)	Capsule • succulent stems; hairy stamens
Spiderwort				
Compositae	HSV	SC:AO	B or U-mdp • K x C (5) or Cb (5) A 5 or A 0 Gi (2) or G 0	Achene • K reduced to bristles; involucrate heads
Sunflower or Daisy				
Tubular or disk flower			K x C (5) A 5 Gi (2) or G 0; at center of head	
Ligulate or ray flowers (Type 1)			K x Cb (5) A 0 Gi 0 or (2); at periphery of head	
Ligulate or ray flowers (Type 2)			K x Cb (5) A 5 Gi (2); only type present	
Bilabiate			K x Cb (5) A 5 GI (2); only type present	
Configuration of heads			Tubular only • tubular + ligulate-1 • ligulate-2 • bilabiate	
Convolvulaceae • Morning Glory				
Convolvuloideae	HV	S:A	B • K 5 C (5) A 5 G (2)	Capsule, berry, nut • ornamentals and weeds
Cuscutioideae	V	R:A	B • K 4-5 C (4-5) A 4-5 G (2)	Capsule • leafless parasites
Cornaceae	TSH	S:O	B • K 0-4 C 0-8 A 4-5, 10 Gi 1 (2)	Drupe • some with showy bracts below flowers
Dogwood				
Crassulaceae	HS	S:AO	B • K 4-5 C 4-5 A 8-10 G 3-5	Follicle • succulents; carpels fused at base or not
Stonecrop				
Crossosomataceae	S	S:A	B • K 4-5 C 4-5 A 6-10 G 3-6	Follicle • spiny shrubs; seeds arillate
Crossosoma				
Cruciferae	HS	S:A	B • K 4 C [b] 4 A 4+2 G (2)	Silique, silicle • characteristic mustard odor and taste
Mustard or Crucifer				
Cucurbitaceae	V	S:A	U-md • K 5 C (5) A 5 or Gi (3)	Pepo • coarse vines • plants often juicy
Squash or Gourd				
Cyperaceae	H	S:A	B • K x C 0 A 3 G (2-3)	Achene, nutlet • 3-sided stems; spikelets; K as bristles
Sedge				

Datisceae Durango Root	H	S:AOW	B · K 3-9 C 0 A 8-12 Gi (3-8) Capsule, open at apex · some flowers male
Dipsacaceae Teasel	H	S:O	B · K (5) Cb (4-5) A 4 Gi (2) Achene · inflorescence a terminal head
Droseraceae Sundew	H	S:B	B · K (5) C 5 A 5 G (2-5) Capsule · sticky leaves; insectivorous
Ebenaceae Persimmon	TS	S:A	U-m · K 3-7 C (3-7) A 3-x or G (2-16) Berry · female flowers often solitary
Elaeagnaceae Oleaster	TS	S:O	U-d · K (4) C 0 A 8 or G 1 Achene enclosed in fleshy hypanthium · plants spiny
Elatinaceae Waterwort	SH	S:O	B · K 3-5 C 3-5 A 3, 6, 8 G (3-5) Capsule · plants submerged or of wet sites
Ericaceae · Heath Ericoideae	ST	S:AOW	B · K 4-5 C (4-5) A 8-10 Gsi (4-5) Capsule, drupe, berry; leaves typically and evergreen
Monotropoideae	H	S:A	B · K 2-6 C 3-6 or (3-6) A 6-12 G (4-6) Capsule · achlorophyllous parasites
Pyroloideae	H	S:A	B · K 4-5 C 4-5 A 10 G (4-5) Capsule · leaves evergreen
Escalloniaceae Escallonia	S	S:A	B · K 5 C 5 A 5 Gi (2-5) Capsule · persistent calyx; escaped ornamental
Euphorbiaceae · Spurge Euphorbia type	HS	S:AOW	U-md · P 0 A 1 G 0 or P 0 A 0 G (3) Male and female flowers in cup-like involucre Capsule · sap milky or watery
Non-euphorbia	HSV	S:AO	U-md · K 0 or 5 C A 0 or 1-∞ G 0 or (3) Capsule · sap clear
Fagaceae Oak or Beech	TS	S:A	U-m · K 4-6 C 0 A 4-12 or Gi (3) Nut, partially enclosed in a scaly involucre · catkins
Francoaceae Honey Bush	S	C:A	B · Kb (5) Cb (5) A 2+2 G (4) Capsule · plants aromatic; escaped ornamental
Frankeniaceae Frankenia	H	S:O	B · K (4-7) C 4-7 A 6 G (3) Capsule · salt-secreting glands; leaves 4-ranked
Garryaceae Silk Tassel	S	S:O	U-d · K 2-4 C 0 A 4 or Gi (2-3) Berry · leaves often leathery; catkins
Gentianaceae Gentian	H	S:O	B · K (4) C (4-5) A 4-5 G (2) Capsule, berry · corolla lobes sometimes appendaged
Geraniaceae Geranium	H	SC:AO	B · K 5 C 5 A 10 G (5) Schizocarp, segments on curved stalks · glandular-hairy

Gramineae Grass	H[S]	S:A	B [U-md] · K 2-3 C 0 A 3 G (2-3) Caryopsis · spikelets; perianth much reduced
Grossulariaceae Gooseberry	S	S:A	B · K (4-5) C 5 A 5 Gi (2) Berry · nodal spines present or absent
Guttiferae St. John's Wort	HS	S:O	B · K 4-5 C 4-5 A ∞ G (3-5) Capsule · gland-dotted leaves
Haloragaceae Water Milfoil	H	S:O	U-m [B] · K 4-8 C 0 A 4+4 or Gi (2-4) Nut, drupe · aquatic; leaves highly dissected or entire
Hippocastanaceae Horse-Chestnut	TS	C:O	B · K (5) Cb (4-5) A 5-8 G (3) Leathery capsule · 5-7 palmate leaflets
Hippuridaceae Mare's-Tail	H	S:W	B [U-M] · P 0 A 1 Gi 1 Achene · rhizomatous aquatic
Hydrangeaceae Hydrangea	ST	S:O	B · K (4-10) C 4-5 A 4-12 or ∞ Gi (2-5) Capsule, berry · nectar disk
Hydrocharitaceae Water Weed	H	S:BAW	U-md · K 3 C 3 A 1- ∞ or Gi (2-x) Berry-like · rhizomatous aquatics; umbels
Hydrocotylaceae Marsh Pennywort	H	S:A	B · K 5 C 5 A 5 Gi (2) Schizocarp · wet sites; leaves peltate or not
Hydrophyllaceae Waterleaf	HS	S:AOB	B · K (5) C (5) A 5 G (2) Capsule · flowers in coiled cymes [solitary]
Iridaceae Iris	H	S:A	B · K 3 C 3 A 3 Gi (3) Capsule · leaves equitant
Juglandaceae Walnut	T	C:A	B · K 3-6 C 0 A 3-∞ Gi (2-3) Drupe, nut · catkins; aromatic
Juncaceae Rush	H	S:B	B · K 3 C 3 A 3 or 6 G (3) Capsule · starchy rhizomes; stems mostly underground
Juncaginaceae Arrow-Grass	H	S:A	B · K 3 C 3 A 6,4,1 G 3 or 6 Follicle, nut · wet sites; plants cyanogenic
Labiatae Mint	HS	S:OW	B · K (5) Cb (5) A 2 or 2+2 G (2) 4 nutlets · square stems; opposite leaves; plants aromatic
Lauraceae Laurel	TS	S:A	B [U-m] · P 3+3 A [3] 9 [12] G (3) Berry, drupe · aromatic

Leguminosae • Legume or Bean			
Caesalpinioideae	ST	C[S]:A	B • K 5 or (5) Cb 1+2+2 A 10 G 1 Legume • upper petal inside of 2 laterals
Faboideae	HSTV	C[S]:A	B • K (5) Cb 1+2+2 or (2) A <u>9</u> +1 G 1 Legume • upper petal outside of 2 laterals
Mimosoideae	ST	C:A	B • K (5) C 5 or (5) A 10-∞ G 1 Legume • flowers often in dense heads
Lemnaceae Duckweed	H	Leafless	U-m • P O A 1 or G 1 Utricle • small free-floating, undifferentiated aquatics
Lentibulariaceae Bladderwort	H	S:AB	B • Kb (2-5) Cb (5) A 2 G (2) Capsule • free-central placentation; insectivorous
Liliaceae * Lily	H	S:AB	B • K 3 or <u>3+3</u> C 3 A 6 [3] Gsi (3) Capsule, berry • many bulbous; perianth often petaloid
Limnanthaceae Meadow Foam	H	SC:A	B • K 3-5 C 3-5 A 6-10 G 3-5 Nutlet • vernal pools and seasonally wet sites
Linaceae Flax	H	S:AO	B • K 5 C 5 A 5 G (2-5) Capsule • plants typically glabrous
Loasaceae Loasa	HS	S:AB	B • K 5 C 5 A 5-∞ Gi (3-7) Capsule • needle-like stinging hairs
Lythraceae Loosestrife	H	S:O[AW]	B • <u>K 4-6</u> [0] C 4-6 [0] A 8 or <u>12</u> G (2-6) Capsule • membranous hypanthium
Malvaceae Mallow or Cotton	HST	S:A	B • K (3-5) C 5 A 5-∞ G (2-∞) Capsule, schizocarp • mucilaginous sap; epicalyx
Martyniaceae Unicorn Plant	H	S:A	B • K (5) Cb (5) A 2+2 G (2) Woody capsule with curved horns • agricultural weed
Menyanthaceae Bog Bean	H	SC: A	B • K 5 C (5) A 5 G (2) Capsule • wet sites; leaves with 3 leaflets
Molluginaceae Carpet Weed	H	S:W	B • K 5 or <u>5</u> C 0 A [3] <u>4-5</u> [8] G (2-5) Capsule • calyx often persistent
Montiaceae Miner's-Lettuce	H	S:AO	B • K 2 C 2-19 A 1-∞ G (2-8) Capsule • fleshy leaves; basal or free-central placenta
Moraceae Mulberry	TS	S:A	U-md • K 4 C 0 A 4 or G (2) Achene, nut, drupe • catkins in <i>Morus</i> ; milky latex
Myoporaceae Myoporum	TS	S:A	B • K (5) C (5) A 2+2 G (2) Drupe • leaves glandular
Myricaceae Sweet Gale	TS	S:A	U-md • P O A 4 or G (2) Drupe • leaves gland-dotted, aromatic; catkins

Myrtaceae Myrtle	TS	S:O	B • <u>K 4-5 or (4-5) C 4-5 A-∞ Gi (2-3)</u> Capsule, berry • leaves gland-dotted, aromatic
Nyctaginaceae Four O'clock	HS	S:O	B • <u>K 5 C 0 A 5 G 1</u> Achene • flowers often with calyx-like involucre bracts
Nymphaeaceae Water-Lily	H	S:A	B • <u>K 4-6 C 8-∞ A ∞ G 5-∞</u> Berry-like • robust rhizomatous aquatics; milky sap
Oleaceae Olive	ST	SC:O	B [<u>U-m</u>] • <u>K 0-(4) C 0-(4) A 2 or 4 G (2)</u> Drupe, samara • nectar disk
Onagraceae Evening-Primrose	HS	S:AO	B • <u>K 4 C 4 A 4 or 8 Gi (4)</u> Capsule • flowers often opening at dawn or dusk
Orchidaceae Orchid	H	S:A	B • <u>K 3 Cb 2+1 A 1-2 Gi (3)</u> Capsule • flowers resupinate; corolla with spur or sac
Oxalidaceae Sorrel or Oxalis	H	C:B	B • <u>K 5 C 5 A 10 G 5</u> Explosively dehiscent capsule • bulbs, tubers; acrid sap
Paeoniaceae Paeony	H	SC:A	B • <u>K 5 C 5-10 A ∞ G 2-5</u> Follicle (woody at maturity) • sepals leathery
Papaveraceae • Poppy			
Fumarioideae	H	S:A	B • <u>K 2 Cb 2+2 A 4 or 6 G (2)</u> Capsule or nut-like • sap watery
Papaveroideae	HS	S:A	B • <u>K 2-3 C 2+2 or 3+3 or 8-12 A ∞ G (2-x)</u> Capsule • sap often colored
Phytolaccaceae Pokeweed	HS	S:A	B • <u>K 4-5 C 0 A 3-∞ G 1-(x)</u> Berry • fruits deeply pigmented
Pittosporaceae Parchment Bark	T	S:A	B • <u>K 5 C (5) A 5 G (2-5)</u> Capsule (woody) • plants often aromatic; leaves leathery
Plantaginaceae * Plantago or Plantain	H	S:B	B • <u>K (4) C (4) A 4 G (2)</u> Capsule • leaves basal, parallel-veined
Platanaceae Sycamore	T	S:A	<u>U-m</u> • <u>K 4 C 4 A 3-4 or G (6-9)</u> Achenes with bristles • peeling bark; flowers in heads
Plumbaginaceae Leadwort	HS	S:A	B • <u>K 5 C 5 A 5 G (5)</u> Utricle, capsule • plants of coastal dunes, marshes, cliffs
Polemoniaceae Phlox	H	SC:AO	B • <u>K (5) C (5) A 5 G (3)</u> Capsule • cymes or heads common; often malodorous
Polygalaceae Milkwort	HSV	S:A	B • <u>Kb 3+2 Cb 2+1 A 8 G (2)</u> Capsule • legume-like corolla

Polygonaceae · Smartweed			
Eriogonoideae	HS	S:AOW	B · K 3+3 C 0 A 3-9 G (3) Achene · nodes not swollen; ochrea absent
Polygonoideae	HSV	S:A	B · K 4-6 C 0 A 5-8 G (3) Achene · nodes generally swollen; ochreae present
Pontederiaceae			
Pickereel Weed	H	S:OW	B · K 3 C 3 A 6 G (3) Capsule, nut · rhizomatous aquatics
Portulacaceae			
Purslane	H	S:AO	B · K 2 C 5 A 4-20 Gsi (3-8) Capsule · free-central placentation · fleshy leaves
Potamogetonaceae			
Pondweed	H	S:AO	B · K 4 C 0 A 4 G 4 Drupelet · aquatic; plants submerged or leaves floating
Primulaceae			
Primrose	H	S:OBW	B · K 5 C (5) A 5 G (5) Capsule, pyxis · free-central placentation
Ranunculaceae			
Buttercup	HSV	SC:A	B · K 3-x Crb 0-∞ A 5-∞ G ∞ Follicle, achene, berry · true K and C rarely present
Resedaceae			
Mignonette	HS	S:A	B · K 2-8 C 0-8 A 3-∞ G (2-7) Capsule · stamens attached on one side of flower
Rhamnaceae			
Buckthorn	TS	S:A	B · K 4-5 C [0] 4-5 A 4-5 G (3) Capsule, drupe · nectar disk
Rosaceae · Rose			
Dryadoideae	ST	S:A	B · K 5 C 5 [0] A 10-∞ G 1-∞ Achene · styles elongate, persistent
Rosoideae	HS	C[5]:A	B · K 5 C 5 A 10-∞ G 1-∞ Multiples of achenes or drupes · free hypanthium
Amygdaloideae	ST	S:A	B · K 5 C 5 A 10-∞ G 1-5 Achene, drupe, follicle, pome · adnate hypanthium
Rubiaceae			
Madder	HV	S:O[W]	B · K 4-5 [0] C (4-5) A 4-5 Gi (2) Drupe, 2 or 4 nutlets, berry [capsule]
Ruppiaceae			
Ditch-Grass	H	S:AO	B · P 0 A 2 G 4 Nut-like drupe · submerged aquatics
Rutaceae			
Rue	STH	C:AO	B · K 4-5 C 4-5 A 8-10 G (4-5) Samara, capsule · leaves punctate, strongly aromatic
Salicaceae			
Willow	TS	S:A	U-d · K 0-x C 0 A 2-x or G (2) Capsule · seeds with basal tuft of hairs
Santalaceae · Sandalwood			
Bastard toadflax	H	S:A	B · K (3-6) C 0 A 3-6 Gi (3-5) Drupe · root parasites
Mistletoes	S	S:O	B · K 2-4 C 0 A 2-4 Gi (3-4) Berry, drupe · parasitic on branches

Sarraceniaceae Pitcher Plant	H	S:B	B · K 4-5 C 5 A x-∞ G (5-6) Capsule · tubular leaves; insectivorous
Saururaceae Lizard's-Tail	H	S:A	B · P 0 A 3-8 Gsi (3-4) Capsule · white involucral bracts; wet sites; aromatic
Saxifragaceae Saxifrage	H	S:AB	B · <u>K 5 C [0] 5 A [3] 5, 8, 10 G 2</u> Capsule · carpels united below
Scheuchzeriaceae Rannoch-Rush	H	S:B	B · P 3+3 A 3+3 G 3 Follicles (in heads) · bogs and lake margins
Scrophulariaceae · Scroph or Snapdragon *			
Orbanchoideae	H	S:A	B · K (2-5) Cb (5) A 2+2 G (2) Capsule · achlorophyllous parasites
Scrophularioideae	HS	S:AO	B · K (5) Cb (5) A [2] 2+2 [5] G (2) Capsule or berry · autotrophic
Simaroubaceae Quassia	TS	C:A	D · K (5-6) C 5-6 A 10-12 or G (4-5) Samara · malodorous when crushed
Smilacaceae Greenbriar	V	S:A	U-d · P 3+3 A 6 or G (3) Berry · umbels; stems often prickly, tendril-bearing
Solanaceae Nightshade or Potato	HSV	S:A	B · K (5) C (5) A 5 G (2) Berry, capsule · stamens often connivent
Staphyleaceae Bladdernut	TS	C:O	B · K 5 C 5 A 5 G (3) Capsule (inflated, 3-lobed, horned); leaflets generally 3
Sterculiaceae Cacao	TS	S:A	U-d · K 3-5 C O A 5, 5+5 or G (5) Capsule · stellate hairs; mucilaginous sap
Styracaceae Silverbell	S	S:A	B · K (5) C 5 A 10 Gi (3-5) Drupe · showy, pendent fragrant flowers
Tamaricaceae Salt-Cedar	ST	R:A	B · K (4-5) C 4-5 A 8-10 G (4-5) Capsule · leaves reduced, scale-like
Tropaeolaceae Nasturtium	H	S:A	B · Kb 5 Cb 5 A 8 G (3) Schizocarp · leaves peltate; K extended as nectar spur
Typhaceae · Cattail			
Sparganioideae	H	S:A	U-m · P [1] 3-4 [6] A 2-8 or G 1 Drupe-like · aquatics (often submerged)
Typhoidoideae	H	S:B	U-m · P 0 A 2-7 or G 1 Achene-like follicle · wet sites
Umbelliferae Umbel or Carrot	HS	C[S]:A	B · K 5 C 5 A 5 Gi (2) Schizocarp · aromatic; compound umbel
Urticaceae Nettle	HS	S:AO	U-md · K 4-5 C 0 A 4-5 or G 1 Achene, drupe · stinging hairs present or absent

Valerianaceae Valerian	H	S:OB	B · K 0-x Cb (5) A 1-4 Gi (3) Achene · some strongly-scented
Verbenaceae Vervain or Verbena	HS	S:O	B · K (5) Cb [r] (5) A 2+2 G (2) Nutlets (2 or 4) · square stems; opposite leaves; aromatic
Violaceae Violet	H	S:AB	B · K 5 Cb 5 A 4+1 G (3) Capsule · spurred lower petal
Vitaceae Grape	V	S:A	B [U] · K 4-5 C 4-5 A 4-5 G (2) Berry · tendrils opposite leaves
Zosteraceae Eel-Grass	H	S:A	U-md · P 0 A 1 or G 1 Achene · marine aquatics
Zygophyllaceae Caltrop	HS	C:O	B · K 5 C 5 A 10 G (5) Capsule or schizocarp · fruits with stout spines

* Treated here in the traditional sense

ABBREVIATIONS

Growth forms:

- H · herb
- S · shrub
- T · tree
- V · vine

Leaves:

- S · leaf blade simple
- C · leaf blade compound
- A · alternate
- O · opposite
- W · whorled
- B · basal
- R · reduced or vestigial

Sexuality:

- B · bisexual flowers
- U-m · unisexual flowers, species monoecious
- U-d · unisexual flowers, species dioecious
- U-p · unisexual flowers, species polygamous

Floral formula:

- K · calyx - radial symmetry
- K 4 · calyx of four sepals
- Kb · calyx - bilateral symmetry
- C · corolla - radial symmetry
- C 3-5 · corolla of 3 to 5 separate petals
- C (3-5) · corolla of 3 to 5 united petals
- C 3 + 2 · corolla of 5 petals, in 2 sets
- Cb · corolla - bilateral symmetry
- Crb · corolla - radial or bilateral symmetry
- A · androecium
- G · gynoecium, ovary superior
- Gi · ovary inferior
- Gsi · ovary superior or inferior
- Gs-i · ovary half-inferior
- P · perianth (K and C not well differentiated)
- x · few
- () · component parts united
- _ · united at base or by filaments in stamens
- K C A · series united to form a hypanthium