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> **583–584 Angiosperms**

These schedules are extensively revised, having been prepared with little reference to earlier editions.

**583 \*Eudicots and Ceratophyllales**

Subdivisions are added for eudicots and Ceratophyllales together, for eudicots alone

Class here angiosperms (flowering plants), core eudicots

*For monocots, basal angiosperms, Chloranthales, magnoliids, see 584*

*See Manual at 583–585 vs. 600; also at 583–584; also at 583 vs. 582.13*

.176 98 Mangrove swamp ecology

Number built according to instructions under 583–588

Class here comprehensive works on mangroves

*For mangroves of a specific order or family, see the order or family, e.g., mangroves of family Combretaceae 583.73*

**.2 \*Ceratophyllales**

Class here Ceratophyllaceae

Class here hornworts

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> **583.3–583.9 Eudicots**

Class comprehensive works in 583

**.3 \*Ranunculales, Sabiaceae, Proteales, Trochodendrales, Buxales**

**.34 \*Ranunculales**

Including Berberidaceae, Eupteleaceae, Menispermaceae, Ranunculaceae

Including aconites, anemones, barberries, buttercups, Christmas roses, clematises, columbines, delphiniums, hellebores, larkspurs, lesser celandine, mandrake, mayapple, mayflower, monkshoods, moonseeds, wolfsbanes

*For Fumariaceae, Papaveraceae, Pteridophyllaceae, see 583.35*

*See also 583.9593 for mandrakes of family Solanaceae*

**.35 \*Fumariaceae, Papaveraceae, Pteridophyllaceae**

Including bleeding hearts, bloodroot, celandines, Dutchman's breeches, fumitories, poppies

*See also 583.34 for lesser celandine*

**.37 \*Sabiaceae**

\*Add as instructed under 583–588

- .38      \*Proteales  
           Including Nelumbonaceae, Persoonia, Platanaceae, Telopea  
           Including banksias, grevilleas, hakeas, lotuses, macadamias, plane trees,  
           proteas, spider flowers, sycamores, waratahs  
           Class here Proteaceae  
           *See also 583.73 for Brazilian spiderflower; also 583.78 for spiderflowers  
           of family Cleomaceae*
- .39      \*Trochodendrales and Buxales
- .393     \*Trochodendrales
- .395     \*Buxales  
           Including Buxaceae, Didymelaceae  
           Including boxwoods  
           *See also 583.648 for West Indian boxwood*
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- >        **583.4–583.9 Core eudicots**  
           Class comprehensive works in 583
- .4        **\*Miscellaneous core eudicots**  
           Only those provided for below
- .42     \*Gunnerales  
           Including Gunneraceae, Myrothamnaceae  
           Including gunneras
- .43     \*Dilleniaceae
- .44     \*Saxifragales  
           Including Cercidiphyllaceae, Crassulaceae, Grossulariaceae,  
           Hamamelidaceae, Paeoniaceae, Peridiscaceae, Ribes, Saxifragaceae  
           Including currants, gooseberries, houseleeks, ironwoods, katsura trees,  
           live-forevers, orpines, peonies, pickaback plants, saxifrages, sedums,  
           stonecrops, sweet gums, Virginia willow, witch hazels  
           Class comprehensive works on ironwoods in 583.65
- .47     \*Cynomoriaceae
- .6        **\*Fabids**  
           Class here eurosids I, rosids  
           *For malvids and Vitales, see 583.7*

- .62        \*Zygophyllales  
              Including Krameriaceae, Zygophyllaceae  
              Including creosote bush, lignum vitae
- .63        \*Fabales  
              Including Melilotus, Polygalaceae, Quillajaceae, Stylobasium, Surianaceae, Trifolium  
              Including alfalfa, beans, beggar's lice, bluebonnet, carob, clovers, groundnuts, honey bush, indigo plants, kudzu, lentils, lespedezas, locoweeds, locusts, lucernes, lupines, milkworts, peanuts, peas, Scotch broom, shamrocks, smoke trees, sojas, soyas, soybeans, tamarind, trefoils, vetches, wisterias  
              Class here Fabaceae, Faboideae  
              Class here legumes  
              *See also 583.68 for shamrock of family Oxalidaceae; also 583.75 for smoke trees of family Anacardiaceae*
- .633       \*Mimosoideae  
              Including acacias, mesquite, sensitive plants, silk tree, wattles  
              Class here mimosas
- .634       \*Caesalpinioideae  
              Including redbuds, sennas
- .64        \*Rosales
- .642       \*Rosaceae  
              Including Rubus  
              Including almonds, apples, apricots, blackberries, cane fruits, cherries, chokeberries, cinquefoils, dewberries, drupaceous fruits, fire thorns, hawthorns, juneberries, loquats, medlars, mountain ashes, peaches, pears, plums, pomaceous fruits, pyracanthas, quinces, raspberries, rowan trees, serviceberries, spireas, stone fruits, strawberries  
              Class here rose family  
              *See also 583.732 for rose apples; also 583.75 for hog plums of family Anacardiaceae*  
              *For Rosa, see 583.644*
- .644       \*Rosa  
              Subdivisions are added for the genus as a whole and for individual species  
              Class here roses

- .646      \*Barbeyaceae, Dirachmaceae, Elaeagnaceae, Rhamnaceae  
             Including buckthorns, ironwoods, jujubes, oleasters  
             Class comprehensive works on ironwoods in 583.65
- .648      \*Cannabaceae, Moraceae, Ulmaceae, Urticaceae  
             Including banyan, breadfruits, China grass plant, elms, figs, hackberries,  
             hops, India rubber tree, marijuana, mulberries, nettles, osage orange,  
             pileas, ramie, rubber plant, West Indian boxwood; comprehensive works  
             on hemsps  
             *For hemsps of a specific family other than Cannabaceae, see the  
             family, e.g., aloe hemp 584.79*  
             *See also 583.395 for boxwoods of family Buxaceae; also 583.96 for  
             dead nettles*
- .65        \*Fagales  
             Including Betulaceae, Casuarinaceae, Juglandaceae, Myricaceae  
             Including alders, bayberries, beeches, beefwoods, birches, bog myrtle,  
             butternuts, candleberry, chestnuts, chinquapins, cork oak, filberts, hazelnuts,  
             hickories, hornbeams, oaks, pecans, sweet gale, walnuts, wax myrtles;  
             comprehensive works on ironwoods  
             Class here Fagaceae  
             Class Jamaica bayberry, comprehensive works on myrtles in 583.732  
             *For ironwoods of a specific order or family other than Fagales, see the  
             order or family, e.g., ironwoods of family Rhamnaceae 583.646*  
             *See also 583.983 for bog myrtle of family Menyanthaceae*
- .66        \*Cucurbitales  
             Including Anisophylleaceae, Begoniaceae, Coriariaceae, Datisceae  
             Including begonias, cucumbers, melons, pepos, pumpkins, squashes,  
             watermelons  
             Class here Cucurbitaceae  
             Class here gourds
- .67        \*Celastrales  
             Including bittersweet, brexias, khat, staff trees  
             Class here Celastraceae  
             *See also 583.9593 for bittersweet of family Solanaceae*
- .68        \*Oxalidales  
             Including Brunelliaceae, Cephalotaceae, Connaraceae, Cunoniaceae,  
             Elaeocarpaceae, Oxalidaceae  
             Including shamrock, wood sorrels

.69

**\*Malpighiales**

Including Achariaceae, Balanopaceae, Bonnetiaceae, Caryocaraceae, Clusiaceae, Dichapetalaceae, Elatinaceae, Erythroxylaceae, Euphorbiaceae, Guttiferae, Humiriaceae, Hypericaceae, Ixonanthaceae, Lacistemataceae, Linaceae, Malpighiaceae, Ochnaceae, Passifloraceae, Podostemaceae, Populus, Rafflesiaceae, Rhizophoraceae, Salicaceae, Salix, Violaceae

Including aspens, cassavas, castor-oil plant, cocas, copperleaves, cottonwoods, crotons, crown of thorns, dika, flax, garcinias, granadillas, heveas, mammee apple, manchineels, mangosteen, maniocs, maypop, mercuries, pansies, passionflowers, poinsettias, poplars, riverweeds, rubber tree, rose of Sharon, snow-on-the-mountain, spurges, tallow tree, tung tree, violets, wild mango, willows

*See also 583.648 for India rubber tree; also 583.96 for African violets; also 584.286 for yellow poplar*

.7

**\*Malvids and Vitales**

Subdivisions are added for malvids and Vitales together, for malvids alone

Class here eurosids II

.72

**\*Geraniales**

Including Geraniaceae, Melianthaceae

Including erodiums, geraniums, pelargoniums

.73

**\*Myrtales**

Including Combretaceae, Lythraceae, Melastomataceae, Onagraceae, Vochysiaceae

Including Brazilian spiderflower, button mangrove, cigar flower, clarkias, crape myrtle, evening primroses, fireweeds, fuchsias, loosestrifes, meadow beauties, pomegranate, white mangrove

Class comprehensive works on mangroves in 583.17698

*See also 583.38 for spider flowers of family Proteaceae; also 583.78 for spiderflowers of family Cleomaceae; also 583.93 for loosestrifes of family Primulaceae; also 583.983 for fireweeds of family Asteraceae*

.732

**\*Myrtaceae**

Including allspice, bay rum tree, clove, guavas, Jamaica bayberry, pimento, rose apples, water chestnuts; comprehensive works on myrtles

*For Eucalyptus, see 583.733. For myrtle of a specific family other than Myrtaceae, see the family, e.g., wax myrtles 583.65, crape myrtle 583.73, Oregon myrtle 584.288*

*See also 583.9593 for pimientos of family Solanaceae; also 584.94 for Chinese water chestnut*

- .733        \*Eucalyptus  
                  Subdivisions are added for the genus as a whole and for individual species  
                  Class here gum trees
- .74        \*Crossosomatales and Picramniales
- .742        \*Crossosomatales  
                  Including Stachyuraceae, Staphyleaceae, Strasburgeriaceae  
                  Including bladdernuts  
                  Class here Crossosomataceae
- .745        \*Picramniales
- .75        \*Sapindales  
                  Including Anacardiaceae, Burseraceae, Hippocastanaceae, Leitneria,  
                  Meliaceae, Rutaceae, Sapindaceae, Simaroubaceae  
                  Including ailanthuses, buckeyes, cashews, chinaberry tree, citrus fruits, cork  
                  trees, hog plums, hop tree, hobbushes, horse chestnuts, incense trees, litchis,  
                  mahoganies, mangoes, maples, orange jessamine, oranges, pistachios, poison  
                  ivies, poison oaks, rues, smoke trees, soapberries, Spanish plums, sugar  
                  maple, sumacs, tree of heaven, varnish trees; comprehensive works on balms  
                  Class comprehensive works on ivies in 583.988  
                  *For balm of a specific family other than Burseraceae, see the family, e.g.,  
                  bee balms 583.96*  
                  *See also 583.63 for smoke trees of family Fabaceae; also 583.642 for  
                  hog plums of family Rosaceae; also 583.65 for cork oak; also 583.963  
                  for jasmynes*
- .76        \*Huerteales  
                  Including Dipentodontaceae, Gerrardinaceae, Petenaeaceae, Tapisciaceae
- .77        \*Malvales  
                  Including Bixaceae, Cistaceae, Cytinaceae, Dipterocarpaceae,  
                  Sphaerosepalaceae, Thymelaeaceae  
                  Including annatto tree, daphnes, mezereum, rockroses, spurge laurel
- .775        \*Malvaceae  
                  Including Bombacoideae, Sterculia, Tilia  
                  Including balsa, baobabs, basswood, cacao, cotton, hibiscuses, hollyhock,  
                  jute, kapok, kenaf, kola nuts, lime trees, lindens, okra, silk cotton tree;  
                  comprehensive works on rose of Sharon  
                  Class here mallows  
                  *For roses of Sharon of a specific family other than Malvaceae, see the  
                  family, e.g., roses of Sharon of family Hypericaceae 583.69*

\*Add as instructed under 583–588

- .78        \***Brassicales**  
               Including Capparaceae, Caricaceae, Cleomaceae, Matthiola, Moringaceae,  
               Resedaceae, Tropaeolaceae  
               Including alyssums, cabbages, candytufts, capers, cresses, crucifixion  
               thorns, mignonettes, mustard, nasturtiums, papaws, papayas, radishes, rapes,  
               rutabagas, shepherd's purse, spiderflowers, stocks, turnips, wallflowers,  
               watercresses  
               Class here Brassicaceae, Cruciferae  
               *See also 583.38 for spider flowers of family Proteaceae; also 583.73 for  
               Brazilian spiderflower; also 584.286 for papaws of family Annonaceae;  
               also 584.442 for skunk cabbages*
- .79        \***Vitales**  
               Including Vitaceae  
               Including Boston ivy, grapes, Virginia creeper
- .8        \*Berberidopsidales, Santalales, Caryophyllales**
- .82        \***Berberidopsidales**  
               Including Aextoxicaceae  
               Class here Berberidopsidaceae
- .85        \***Santalales**  
               Including Balanophoraceae, Loranthaceae, Olacaceae, Opiliaceae,  
               Santalaceae  
               Including mistletoes, sandalwood
- .88        **Caryophyllales**  
               Including Anacampserotaceae, Asteropeiaceae, Frankeniaceae, Limeaceae,  
               Plumbaginaceae, Tamaricaceae  
               Including alkali heath, leadworts, sea lavenders, tamarisk, thrifts
- .883       \***Caryophyllaceae and related families**  
               Including Achatocarpaceae, Aizoaceae, Amaranthaceae, Barbeuiaceae,  
               Basellaceae, Didiereaceae, Molluginaceae, Nyctaginaceae,  
               Phytolaccaceae, Portulacaceae, Stegnospermataceae  
               Including amaranths, beets, bougainvilleas, carnations, carpetweeds,  
               four-o'clock, goosefoots, ice plants, lithops, living stones, Madeira vine,  
               pinks, pokeweed, purslanes, sea figs, spinach
- .885       \***Cactaceae**  
               Class here cacti

- .887      \*Nepenthaceae and related families  
             Including Ancistrocladaceae, Dioncophyllaceae, Droseraceae,  
             Drosophyllaceae  
             Including sundews, Venus's flytrap; Old World pitcher plants;  
             comprehensive works on pitcher plants  
             Class here comprehensive works on carnivorous plants  
             *For Cephalotaceae, see 583.68; for New World pitcher plants, see*  
             *583.93; for Byblidaceae, Lentibulariaceae, see 583.96*
- .888      \*Polygonaceae  
             Including buckwheat, canaigre, dock, rhubarb, sorrel
- .9      \*Asterids**
- .92      \*Cornales  
             Including Cornaceae, Hydrangeaceae, Hydrostachyaceae, Loasaceae  
             Including deutzias, dogwoods, hydrangeas, mock oranges, sour gums,  
             syringas, tupelos
- .93      \*Ericales  
             Including Balsaminaceae, Clethraceae, Diapensiaceae, Ebenaceae,  
             Ericaceae, Fouquieriaceae, Lecythidaceae, Marcgraviaceae,  
             Pentaphragmaceae, Polemoniaceae, Primulaceae, Sapotaceae, Sarraceniaceae,  
             Stewartia, Styracaceae, Symplocaceae, Tetrameristaceae, Theaceae  
             Including auriculas, azaleas, balsams, blueberries, Brazil nut, camellias,  
             candlewood, Chinese gooseberry, coralberry, cranberries, crowberries,  
             cyclamens, ebonies, galax, heather, heaths, huckleberries, impatiens, Indian  
             pipes, Jacob's ladders, jewelweeds, kalmias, kiwi, loosestrifes, mountain  
             laurel, New World pitcher plants, ocotillo, pepperbushes, persimmons,  
             phloxes, primroses, primulas, rhododendrons, sapodilla, shooting stars,  
             sourwood, star apples, storaxes, sweetleaf, tea, touch-me-nots, wintergreens  
             Class evening primroses in 583.73; class comprehensive works on  
             carnivorous plants, on pitcher plants in 583.887; class comprehensive works  
             on laurels in 584.288  
             *See also 583.73 for loosestrifes of family Lythraceae*
- .95      \*Lamiids  
             Class here euasterids I  
             *For Lamiales, see 583.96*
- .952      \*Oncothecaceae
- .953      \*Metteniusaceae
- .954      \*Icacinaceae
- .955      \*Garryales  
             Including Eucommiaceae, Garryaceae

\*Add as instructed under 583–588

- .956            \*Gentianales  
                   Including Apocynaceae, Cynocrambe, Gentianaceae, Loganiaceae,  
                   Plumeria, Rubiaceae, Theligonum  
                   Including buttonbushes, carrion flowers, cinchonas, coffee, dogbanes,  
                   gardenias, gentians, Indian hemsps, Indian sarsaparilla, madders,  
                   milkweeds, oleanders, partridgeberry, periwinkles, rauwolfias,  
                   stephanotises  
                   *See also 584.6 for carrion flowers and sarsaparillas of family  
                   Smilacaceae*
- .957            \*Vahliaceae
- .958            \*Boraginaceae  
                   Including baby blue-eyes, bluebells, borage, comfrees, forget-me-nots,  
                   heliotropes, honeyworts, hound's tongues, Virginia cowslip, waterleafs  
                   *See also 583.983 for bluebells of family Campanulaceae; also 584.79  
                   for bluebells of family Asparagaceae*
- .959            \*Solanales  
                   Including Convolvulaceae, Sphenocleaceae  
                   Including dichondras, dodders, morning glories, sweet potatoes, yams  
                   *See also 584.52 for yams of family Dioscoreaceae*
- .959 3         \*Solanaceae  
                   Including belladonna, bittersweet, butterfly flowers, capsicums,  
                   cayenne pepper, daturas, eggplants, henbanes, jimsonweed,  
                   mandrakes, nightshades, paprika, petunias, pimientos, potatoes,  
                   red peppers, schizanthuses, sweet peppers, tobacco, tomatoes;  
                   comprehensive works on peppers  
                   *For peppers of family Piperaceae, see 584.284*  
                   *See also 583.34 for mandrake of family Berberidaceae; also  
                   583.67 for bittersweet of family Celastraceae; also 583.765 for  
                   pimento of family Myrtaceae*

.96

## \*Lamiales

Including Acanthaceae, Bignoniaceae, Byblidaceae, Gesneriaceae, Hippuris, Lentibulariaceae, Martyniaceae, Orobanchaceae, Pedaliaceae, Plantaginaceae, Scrophulariaceae, Verbenaceae

Including acanthuses, African violets, basil, bee balsams, black mangrove, bladderworts, broomrapes, butterfly bushes, calabash tree, catalpa, catnip, Chinese artichoke, dead nettles, figworts, foxglove, gloxinias, ground ivy, horehounds, hyssop, lavender, lopsided, mare's tails, marjoram, mint, mulleins, penstemon, plantain, plantain, rosemary, sage, sesame, snapdragons, teak, thyme, trumpet creepers, unicorn plants, verbena, vervain

Class here Labiales, Lamiaceae

Class comprehensive works on mangroves in 583.17698; class comprehensive works on balsams in 583.75; class comprehensive works on carnivorous plants in 583.887

*See also 583.983 for artichokes, sagebrushes; also 584.88 for plantain of family Musaceae*

.963

## \*Oleales

Including ash, forsythia, jasmine, lilac, olive, privet

Class here Oleaceae

*See also 583.75 for orange jessamine*

.98

## \*Campanulids

Class here euasterids II

.982

## \*Aquifoliales

Including Cardiopteridaceae

Including maté

Class here Aquifoliaceae, Ilex

Class here holly

- .983        \*Asterales
- Including Calyceraceae, Campanula, Campanulaceae, Goodeniaceae, Menyanthaceae, Stylidiaceae
- Including artichokes, asters, bellflowers, black-eyed Susans, bluebells, bog myrtle, buckbean, chamomiles, chicory, chrysanthemums, cornflower, cosmos, dahlias, daisies, dandelions, endive, everlasting, fireweed, fleabanes, gerberas, goldenrods, groundsels, guayule, Indian tobacco, lettuce, marigolds, ragweeds, ragworts, safflower, sagebrushes, salsify, sunflowers, thistles, wormwoods, zinnias
- Class here Asteraceae, Compositae
- See also 583.65 for bog myrtle of family Myricaceae; also 583.73 for fireweed of family Onagraceae; also 583.958 for bluebells of family Boraginaceae; also 583.96 for Chinese artichoke; also 584.79 for bluebells of family Asparagaceae*
- .984        \*Escalloniales
- Class here Escalloniaceae
- Class here escallonias
- .985        \*Bruniales
- Including Bruniaceae, Columelliaceae
- .986        \*Paracryphiales
- Class here Paracryphiaceae
- .987        \*Dipsacales
- Including Caprifoliaceae
- Including elders, honeysuckles, snowballs, teasels, valerians, viburnums
- .988        \*Apiales
- Including Araliaceae, Pittosporaceae, Torricelliaceae
- Including ginsengs, hedge laurel, wild sarsaparilla; comprehensive works on ivies
- For ivies of a specific family other than Araliaceae, see the family, e.g., poison ivies 583.75*
- See also 584.6 for sarsaparilla of family Smilacaceae*
- .988 2     \*Apiaceae
- Variant name: Umbelliferae
- Including anise, caraway, carrots, celery, dills, parsley, parsnips, poison hemlocks, Queen Anne's lace