



Systematics of flowering plants according to Cronquist → APG III

here in the order according to Cronquist (1981)

(different tables: [alphabetical here](#), according to [APG III here](#)).

Regarding the general problems of the systematics of flowering plants in homoeopathic use please see [Intro to Plants on provings.info](#).

The classification of flowering plants or angiosperms (Angiospermae = Magnoliophyta) according to Cronquist follows quite a simple scheme. Flowering plants are either mono- or dicotyledonous and then allocated to several subclasses (Subclassis, 3rd column), which again are divided into orders.

Liliopsida = Monocotyledonae (monocots)

Alismatidae

Arecidae

Liliidae

Commelinidae

Zingiberidae

Magnoliopsida = Dicotyledonae (dicots)

Magnoliidae

Hamamelidae

Caryophyllidae

Dilleniidae

Rosidae

Asteridae

Legend

an **x** in column A means: minor change from Cronquist towards APG III.

an **xx** in column A means: important change from Cronquist towards APG III.

an **xx** in column B means: a change that is essential for the systematic use within Sankaran's family system.

= Adoxaceae /Dipsacales means: this family according to Cronquist is allocated as Adoxaceae in the order Dipsacales within the APG III, and so is not an independent family anymore there.

Those families that are [highlighted in blue](#) can be clicked on to go directly into the system of our website provings.info for further search.

| Familia | Ordo Cronquist | Subclassis Cronquist | A | Ordo APG III | next Taxon APG | B | Family Sankaran's System |
|------------------|----------------|-----------------------------|----|-------------------------|-----------------|---|--------------------------|
| Posidoniaceae | Najadales | Alismatidae | | Alismatales | Monokotyledonae | | |
| Lemnaceae | Arales | Arecidae | x | = Araceae / Alismatales | Monokotyledonae | | |
| Araceae | Arales | Arecidae | x | Alismatales | Monokotyledonae | | Araceae |
| Areaceae/ Palmae | Arecales | Arecidae | xx | Arecales | Commelinids | | |

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|------------------------------------|-----------------------------|------------------------------|----|--------------------------------|------------------------------|--------------------|
| Agavaceae | Liliales | Liliidae | x | = Asparagaceae / Asparagales | Monokotyledonae | Liliiflorae |
| Alliaceae | = Liliaceae / Liliales | Liliidae | x | = Amaryllidaceae / Asparagales | Monokotyledonae | Liliiflorae |
| Aloeaceae | Liliales | Liliidae | x | = Xanthorrhoeaceae / Liliales | Monokotyledonae | Liliiflorae |
| Amaryllidaceae | = Liliaceae / Liliales | Liliidae | x | Asparagales | Monokotyledonae | Liliiflorae |
| Asparagaceae | = Liliaceae / Liliales | Liliidae | x | Asparagales | Monokotyledonae | Liliiflorae |
| Hyacinthaceae | = Liliaceae / Liliales | Liliidae | x | = Asparagaceae / Asparagales | Monokotyledonae | Liliiflorae |
| Hypoxidaceae | = Liliaceae / Liliales | Liliidae | x | Asparagales | Monokotyledonae | Liliiflorae |
| Iridaceae | Liliales | Liliidae | | Asparagales | Monokotyledonae | Liliiflorae |
| Orchidaceae | Orchidales | Liliidae | xx | Asparagales | Monokotyledonae | Liliiflorae |
| Ruscaceae | = Liliaceae / Liliales | Liliidae | x | = Asparagaceae / Asparagales | Monokotyledonae | Liliiflorae |
| Xanthorrhoeaceae | Liliales | Liliidae | | Asparagales | Monokotyledonae | Liliiflorae |
| Dioscoreaceae | Liliales | Liliidae | x | Dioscoreales | Monokotyledonae | Dioscoreaceae |
| Liliaceae | Liliales | Liliidae | | Liliales | Monokotyledonae | Liliiflorae |
| Commelinaceae | Commelinidales | Commelinidae | | Commelinidales | Commelinids | |
| Haemodoraceae | Commelinidales | Commelinidae | | Commelinidales | Commelinids | |
| Pontederiaceae | Commelinidales | Commelinidae | | Commelinidales | Commelinids | |
| Cyperaceae | Poales | Commelinidae | | Poales | Commelinids | |
| Gramineae/ Poaceae | Poales | Commelinidae | | Poales | Commelinids | Gramineae/ Poaceae |
| Juncaceae | Poales | Commelinidae | | Poales | Commelinids | |
| Typhaceae | Poales | Commelinidae | | Poales | Commelinids | |
| Bromeliaceae | Bromeliales | Zingiberidae | x | Poales | Commelinids | |
| Cannaceae | Zingiberales | Zingiberidae | | Zingiberales | Commelinids | |
| Marantaceae | Zingiberales | Zingiberidae | | Zingiberales | Commelinids | |
| Musaceae | Zingiberales | Zingiberidae | | Zingiberales | Commelinids | |
| Zingiberaceae | Zingiberales | Zingiberidae | | Zingiberales | Commelinids | |
| Aristolochiaceae | Aristolochiales | Magnoliidae | x | Piperales | Magnoliids | Magnolianaes |
| Schisandraceae | Illiciales | Magnoliidae | x | Austrobaileyales | basal orders | |
| Lauraceae | Lurales | Magnoliidae | | Lurales | Magnoliids | Magnolianaes |
| Monimiaceae | Lurales | Magnoliidae | | Lurales | Magnoliids | Magnolianaes |
| Annonaceae | Magnoliales | Magnoliidae | | Magnoliales | Magnoliids | Magnolianaes |
| Magnoliaceae | Magnoliales | Magnoliidae | | Magnoliales | Magnoliids | Magnolianaes |
| Myristicaceae | Magnoliales | Magnoliidae | | Magnoliales | Magnoliids | Magnolianaes |
| Nelumbaceae | Nymphaeales | Magnoliidae | xx | Proteales | Eudicotinae - Basal Eudicots | |
| Nymphaeaceae | Nymphaeales | Magnoliidae | | Nymphaeales | basal orders | |

| | | | | | | |
|--|-----------------------------|--------------------------------|----|------------------------------------|-------------------------------|----------------|
| Fumariaceae | Papaverales | Magnoliidae | | = Papaveraceae / Ranunculales | Eudicotinae - Basal Eudicots | |
| Papaveraceae | Papaverales | Magnoliidae | x | Ranunculales | Eudicotinae - Basal Eudicots | Papaveraceae |
| Piperaceae | Piperales | Magnoliidae | | Piperales | Magnoliids | Piperaceae |
| Saururaceae | Piperales | Magnoliidae | | Piperales | Magnoliids | |
| Berberidaceae | Ranunculales | Magnoliidae | | Ranunculales | Eudicotinae - Basal Eudicots | Berberidaceae |
| Coriariaceae | Ranunculales | Magnoliidae | xx | Cucurbitales | Rosids: Eurosids I - Fabids | |
| Menispermaceae | Ranunculales | Magnoliidae | | Ranunculales | Eudicotinae - Basal Eudicots | |
| Ranunculaceae | Ranunculales | Magnoliidae | | Ranunculales | Eudicotinae - Basal Eudicots | Ranunculaceae |
| Betulaceae | Fagales | Hamamelidae | | Fagales | Rosids: Eurosids I - Fabids | Hamamelidae |
| Corylaceae | Fagales | Hamamelidae | | Fagales | Rosids: Eurosids I - Fabids | Hamamelidae |
| Fagaceae | Fagales | Hamamelidae | | Fagales | Rosids: Eurosids I - Fabids | Hamamelidae |
| Hamamelidae | Hamamelidales | Hamamelidae | xx | Saxifragales | Core-Eudicots | xx Hamamelidae |
| Platanaceae | Hamamelidales | Hamamelidae | xx | Proteales | Eudicotinae - Basal Eudicots | Hamamelidae |
| Juglandaceae | Juglandales | Hamamelidae | x | Fagales | Rosids: Eurosids I - Fabids | Hamamelidae |
| Myricaceae | Myricales | Hamamelidae | x | Fagales | Rosids: Eurosids I - Fabids | Hamamelidae |
| Cannabaceae | Urticales | Hamamelidae | xx | Rosales | Rosids: Eurosids I - Fabids | xx Hamamelidae |
| Moraceae | Urticales | Hamamelidae | xx | Rosales | Rosids: Eurosids I - Fabids | xx Hamamelidae |
| Ulmaceae | Urticales | Hamamelidae | xx | Rosales | Rosids: Eurosids I - Fabids | xx Hamamelidae |
| Urticaceae | Urticales | Hamamelidae | xx | Rosales | Rosids: Eurosids I - Fabids | xx Hamamelidae |
| Aizoaceae | Caryophyllales | Caryophyllidae | | Caryophyllales | Core Eudicots | |
| Amaranthaceae | Caryophyllales | Caryophyllidae | | Caryophyllales | Core Eudicots | |
| Cactaceae | Caryophyllales | Caryophyllidae | | Caryophyllales | Core Eudicots | Cactaceae |
| Caryophyllaceae | Caryophyllales | Caryophyllidae | | Caryophyllales | Core Eudicots | |
| Chenopodiaceae | Caryophyllales | Caryophyllidae | | =Amaranthaceae / Caryophyllales | Core Eudicots | |
| Nyctaginaceae | Caryophyllales | Caryophyllidae | | Caryophyllales | Core Eudicots | |
| Phytolaccaceae | Caryophyllales | Caryophyllidae | | Caryophyllales | Core Eudicots | |
| Portulaccaceae | Caryophyllales | Caryophyllidae | | Caryophyllales | Core Eudicots | |
| Plumbaginaceae | Plumbaginales | Caryophyllidae | x | Caryophyllales | Core Eudicots | |
| Polygonaceae | Polygonales | Caryophyllidae | x | Caryophyllales | Core Eudicots | |
| Capparaceae | Capparales | Dilleniidae | | Brassicales | Rosids: Eurosids II - Malvids | |
| Cruciferae/ Brassicaceae | Capparales | Dilleniidae | | Brassicales | Rosids: Eurosids II - Malvids | Cruciferae |
| Moringaceae | Capparales | Dilleniidae | | Brassicales | Rosids: Eurosids II - Malvids | |
| Paeoniaceae | Dilleniales | Dilleniidae | xx | Saxifragales | Core-Eudicots | |

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|------------------------|---|-----------------------------|----|--------------------------------|---------------------------------------|----|--------------|
| Ebenaceae | Ebenales | Dilleniidae | x | Ericales | Asterids | | |
| Actinidiaceae | Ericales | Dilleniidae | | Ericales | Asterids | | |
| Ericaceae | Ericales | Dilleniidae | | Ericales | Asterids | | Ericaceae |
| Pyrolaceae | Ericales | Dilleniidae | | = Ericaceae /Ericales | Asterids | | |
| Styracaceae | Ericales | Dilleniidae | | Ericales | Asterids | | |
| Bixaceae | Malvales | Dilleniidae | | Malvales | Rosids: Eurosids I - Fabids | | Malvales |
| Elaeocarpaceae | Malvales | Dilleniidae | xx | Oxalidales | Rosids: Eurosids I - Fabids | | |
| Malvaceae | Malvales | Dilleniidae | | Malvales | Rosids: Eurosids I - Fabids | | Malvales |
| Sterculiaceae | Malvales | Dilleniidae | | = Malvaceae /Malvales | Rosids: Eurosids I - Fabids | | Malvales |
| Tiliaceae | Malvales | Dilleniidae | | = Malvaceae /Malvales | Rosids: Eurosids I - Fabids | | Malvales |
| Droseraceae | Nepenthales / Sarraceniales | Dilleniidae | xx | Caryophyllales | Core Eudicots | | Nepenthales |
| Nepenthaceae | Nepenthales / Sarraceniales | Dilleniidae | xx | Caryophyllales | Core Eudicots | | Nepenthales |
| Sarraceniaceae | Nepenthales / Sarraceniales | Dilleniidae | xx | Ericales | Asterids | xx | Nepenthales |
| Primulaceae | Primulales | Dilleniidae | xx | Ericales | Asterids | | Primulaceae |
| Salicaceae | Salicales | Dilleniidae | xx | Malpighiales | Rosids: Eurosids I - Fabids | | |
| Clusiaceae | Theales | Dilleniidae | xx | Malpighiales | Rosids: Eurosids I - Fabids | | Theales |
| Hypericaceae | Theales | Dilleniidae | xx | Malpighiales | Rosids: Eurosids I - Fabids | xx | Theales |
| Theaceae | Theales | Dilleniidae | xx | Ericales | Asterids | xx | Theales |
| Achariaceae | Violales | Dilleniidae | xx | Malpighiales | Rosids: Eurosids I - Fabids | | |
| Caricaceae | Violales | Dilleniidae | xx | Brassicales | Rosids: Eurosids II - Malvids | | |
| Cistaceae | Violales | Dilleniidae | xx | Malvales | Rosids: Eurosids II - Malvids | xx | Violales |
| Cucurbitaceae | Violales | Dilleniidae | xx | Cucurbitales | Rosids: Eurosids I - Fabids | xx | Violales |
| Datisceae | Violales | Dilleniidae | xx | Cucurbitales | Rosids: Eurosids I - Fabids | | |
| Flacourtiaceae | Violales | Dilleniidae | xx | = Salicaceae/ Malpighiales | Rosids: Eurosids I - Fabids | | |
| Passifloraceae | Violales | Dilleniidae | xx | Malpighiales | Rosids: Eurosids I - Fabids | xx | Violales |
| Tamaricaceae | Violales | Dilleniidae | xx | Caryophyllales | Core Eudicots | | |
| Turneraceae | Violales | Dilleniidae | xx | = Passifloraceae /Malpighiales | Rosids: Eurosids I - Fabids | | |
| Violaceae | Violales | Dilleniidae | xx | Malpighiales | Rosids: Eurosids I - Fabids | xx | Violales |
| Araliaceae | Apiales | Rosidae | x | Apiales | Asterids: Euasterids II - Campanulids | | |
| Umbelliferae/ Apiaceae | Apiales | Rosidae | x | Apiales | Asterids: Euasterids II - Campanulids | | Umbelliferae |
| Aquifoliaceae | Celastrales | Rosidae | xx | Aquifoliales | Asterids: Euasterids II - Campanulids | | |
| Celastraceae | Celastrales | Rosidae | | Celastrales | Rosids: Eurosids II - Malvids | | |
| Corynocarpaceae | Celastrales | Rosidae | | Celastrales | Rosids: Eurosids II - Malvids | | |

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|--|---------------|-------------------------|----|--------------------------------|---------------------------------------|----|---------------|
| Dichapetalaceae | Celastrales | Rosidae | xx | Malpighiales | Rosids: Eurosids I - Fabids | | |
| Cornaceae | Cornales | Rosidae | | Cornales | Asterids | | |
| Hydrangeaceae | Cornales | Rosidae | | Cornales | Asterids | | |
| Buxaceae | Euphorbiales | Rosidae | xx | Buxales | Eudicotinae - Basal Eudicots | | |
| Euphorbiaceae | Euphorbiales | Rosidae | xx | Malpighiales | Rosids: Eurosids I - Fabids | | Euphorbiaceae |
| Leguminosae/ Fabaceae/ Papilionaceae | Fabales | Rosidae | | Fabales | Rosids: Eurosids I - Fabids | | Leguminosae |
| Mimosaceae | Fabales | Rosidae | | = Fabaceae/ Fabales | Rosids: Eurosids I - Fabids | | |
| Balsaminaceae | Geraniales | Rosidae | xx | Ericales | Asterids | | Geraniales |
| Geraniaceae | Geraniales | Rosidae | | Geraniales | Rosids: Eurosids II - Malvids | | Geraniales |
| Limnanthaceae | Geraniales | Rosidae | xx | Brassicales | Rosids: Eurosids II - Malvids | | |
| Oxalidaceae | Geraniales | Rosidae | xx | Oxalidales | Rosids: Eurosids I - Fabids | xx | Geraniales |
| Tropaeolaceae | Geraniales | Rosidae | xx | Brassicales | Rosids: Eurosids II - Malvids | | Geraniales |
| Erythroxylaceae | Linales | Rosidae | xx | = Rhizophoraceae/ Malpighiales | Rosids: Eurosids I - Fabids | xx | Geraniales |
| Linaceae | Linales | Rosidae | x | Malpighiales | Rosids: Eurosids I - Fabids | | |
| Combretaceae | Myrtales | Rosidae | | Myrtales | Rosids: Eurosids II - Malvids | | |
| Lythraceae | Myrtales | Rosidae | | Myrtales | Rosids: Eurosids II - Malvids | | |
| Melastomataceae | Myrtales | Rosidae | | Myrtales | Rosids: Eurosids II - Malvids | | |
| Myrtaceae | Myrtales | Rosidae | | Myrtales | Rosids: Eurosids II - Malvids | | |
| Oenotheraceae/ Onagraceae | Myrtales | Rosidae | | Myrtales | Rosids: Eurosids II - Malvids | | |
| Punicaceae | Myrtales | Rosidae | | Myrtales | Rosids: Eurosids II - Malvids | | |
| Thymelaeaceae | Myrtales | Rosidae | x | Malvales | Rosids: Eurosids II - Malvids | | |
| Krameriaceae | Polygalales | Rosidae | x | Zygophyllales | Rosids: Eurosids I - Fabids | | |
| Malpighiaceae | Polygalales | Rosidae | xx | Malpighiales | Rosids: Eurosids I - Fabids | xx | Geraniales |
| Polygalaceae | Polygalales | Rosidae | x | Fabales | Rosids: Eurosids I - Fabids | | |
| Elaeagnaceae | Proteales | Rosidae | xx | Rosales | Rosids: Eurosids I - Fabids | | |
| Proteaceae | Proteales | Rosidae | x | Proteales | Eudicotinae - Basal Eudicots | | |
| Rafflesiaceae | Rafflesiales | Rosidae | xx | Malpighiales | Rosids: Eurosids I - Fabids | | |
| Rhamnaceae | Rhamnales | Rosidae | xx | Rosales | Rosids: Eurosids I - Fabids | | |
| Vitaceae | Rhamnales | Rosidae | xx | Saxifragales | Core-Eudicots | | |
| Rhizophoraceae | Rhizophorales | Rosidae | xx | Malpighiales | Rosids: Eurosids I - Fabids | | |
| Crassulaceae | Rosales | Rosidae | xx | Saxifragales | Core-Eudicots | | |
| Grossulariaceae | Rosales | Rosidae | xx | Saxifragales | Core-Eudicots | | |
| Pittosporaceae | Rosales | Rosidae | x | Apiales | Asterids: Euasterids II - Campanulids | | |

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|--|--------------------------------|---------------------------|----|----------------------------------|---------------------------------------|-------------------|
| Rosaceae | Rosales | Rosidae | | Rosales | Rosids: Eurosids I - Fabids | Rosaceae |
| Saxifragaceae | Rosales | Rosidae | xx | Saxifragales | Core-Eudicots | |
| Balanophoraceae | Santalales | Rosidae | | Santalales | Core-Eudicots | |
| Loranthaceae | Santalales | Rosidae | | Santalales | Core-Eudicots | |
| Olacaceae | Santalales | Rosidae | | Santalales | Core-Eudicots | |
| Santalaceae | Santalales | Rosidae | | Santalales | Core-Eudicots | |
| Viscaceae | Santalales | Rosidae | | = Santalaceae /Santalales | Core-Eudicots | |
| Anacardiaceae | Sapindales | Rosidae | | Sapindales | Rosids: Eurosids II - Malvids | Anacardiaceae |
| Burseraceae | Sapindales | Rosidae | | Sapindales | Rosids: Eurosids II - Malvids | |
| Hippocastanaceae | Sapindales | Rosidae | | = Sapindaceae/ Sapindales | Rosids: Eurosids II - Malvids | |
| Meliaceae | Sapindales | Rosidae | | Sapindales | Rosids: Eurosids II - Malvids | |
| Rutaceae | Sapindales | Rosidae | | Sapindales | Rosids: Eurosids II - Malvids | Rutaceae |
| Sapindaceae | Sapindales | Rosidae | | Sapindales | Rosids: Eurosids II - Malvids | |
| Simaroubaceae | Sapindales | Rosidae | | Sapindales | Rosids: Eurosids II - Malvids | |
| Zygophyllaceae | Sapindales | Rosidae | xx | Zygophyllales | Rosids: Eurosids I - Fabids | xx Geraniales |
| Asteraceae/ Compositae | Asterales | Asteridae | | Asterales | Asterids: Euasterids II - Campanulids | Compositae |
| Campanulaceae | Campanulales | Asteridae | | Asterales | Asterids: Euasterids II - Campanulids | |
| Adoxaceae | Dipsacales | Asteridae | | Dipsacales | Asterids: Euasterids II - Campanulids | |
| Caprifoliaceae | Dipsacales | Asteridae | | Dipsacales | Asterids: Euasterids II - Campanulids | |
| Dipsacaceae | Dipsacales | Asteridae | | = Caprifoliaceae /Dipsacales | Asterids: Euasterids II - Campanulids | |
| Sambucaceae | Dipsacales | Asteridae | | = Adoxaceae /Dipsacales | Asterids: Euasterids II - Campanulids | |
| Valerianaceae | Dipsacales | Asteridae | | = Caprifoliaceae /Dipsacales | Asterids: Euasterids II - Campanulids | |
| Viburnaceae | Dipsacales | Asteridae | | = Adoxaceae /Dipsacales | Asterids: Euasterids II - Campanulids | |
| Apocynaceae | Gentianales | Asteridae | | Gentianales | Asterids: Euasterids I - Lamiids | Apocynaceae |
| Asclepiadaceae | Gentianales | Asteridae | | = Apocynaceae /Gentianales | Asterids: Euasterids I - Lamiids | xx Asclepiadaceae |
| Gelsemiaceae | = Loganiaceae / Gentianales | Asteridae | | Gentianales | Asterids: Euasterids I - Lamiids | x Loganiaceae |
| Gentianaceae | Gentianales | Asteridae | | Gentianales | Asterids: Euasterids I - Lamiids | |
| Loganiaceae | Gentianales | Asteridae | | Gentianales | Asterids: Euasterids I - Lamiids | Loganiaceae |
| Boraginaceae | Lamiales | Asteridae | x | not allocated / nicht zugeordnet | Asterids: Euasterids I - Lamiids | |
| Gesneriaceae | Lamiales | Asteridae | | Lamiales | Asterids: Euasterids I - Lamiids | |
| Labiatae/ Lamiaceae | Lamiales | Asteridae | | Lamiales | Asterids: Euasterids I - Lamiids | Labiatae |
| Lentibulariaceae | Lamiales | Asteridae | | Lamiales | Asterids: Euasterids I - Lamiids | |
| Phrymaceae | Lamiales | Asteridae | | Lamiales | Asterids: Euasterids I - Lamiids | |

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|----------------------------|-----------------|---------------------------|----|----------------------------------|----------------------------------|------------------|
| Verbenaceae | Lamiales | Asteridae | | Lamiales | Asterids: Euasterids I - Lamiids | |
| Plantaginaceae | Plantaginales | Asteridae | x | Lamiales | Asterids: Euasterids I - Lamiids | |
| Rubiaceae | Rubiales | Asteridae | x | Gentianales | Asterids: Euasterids I - Lamiids | Rubiaceae |
| Acanthaceae | Scrophulariales | Asteridae | x | Lamiales | Asterids: Euasterids I - Lamiids | |
| Bignoniaceae | Scrophulariales | Asteridae | x | Lamiales | Asterids: Euasterids I - Lamiids | |
| Orobanchaceae | Scrophulariales | Asteridae | x | Lamiales | Asterids: Euasterids I - Lamiids | |
| Pedaliaceae | Scrophulariales | Asteridae | x | Lamiales | Asterids: Euasterids I - Lamiids | |
| Scrophulariaceae | Scrophulariales | Asteridae | x | Lamiales | Asterids: Euasterids I - Lamiids | Scrophulariaceae |
| Convolvulaceae | Solanales | Asteridae | | Solanales | Asterids: Euasterids I - Lamiids | |
| Hydrophyllaceae | Solanales | Asteridae | xx | not allocated / nicht zugeordnet | Asterids: Euasterids I - Lamiids | |
| Menyanthaceae | Solanales | Asteridae | x | Asterales | Asterids: Euasterids I - Lamiids | |
| Oleaceae | Solanales | Asteridae | x | Gentianales | Asterids: Euasterids I - Lamiids | |
| Polemoniaceae | Solanales | Asteridae | xx | Ericales | Asterids | |
| Solanaceae | Solanales | Asteridae | | Solanales | Asterids: Euasterids I - Lamiids | Solanaceae |

Literature:

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(state of websites: 30.1.2013)

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