

THE SUBFAMILIAL, TRIBAL AND SUBTRIBAL NOMENCLATURE OF THE RUBIACEAE*

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Summary

Recent renewed interest in the suprageneric classification of the Rubiaceae has made a clarification of the subfamilial, tribal, and subtribal nomenclature an urgent necessity. Presented here is a list of all suprageneric names published within the Rubiaceae, with an indication of their nomenclatural status; names of segregate families are also included. Attention is drawn to various problems concerning the interpretation of the *International Code of Botanical Nomenclature* with regard to the names of taxa published between the ranks of family and genus. Three subfamilial and ten tribal names are validated with Latin descriptions or diagnoses.

The Rubiaceae are one of the largest and most easily recognized angiosperm families, yet within this relative uniformity at the familial level is considerable generic diversity. Nearly all concerned taxonomists, commencing principally with de Jussieu (1789), grouped the genera into infrafamilial taxa, the number of which has varied from a traditional ten or thirteen to the twenty-five proposed by Hooker (1873), or more. The last comprehensive treatment of the entire family at the generic level is that of K. Schumann (1891), whose classification does not differ significantly from that of Hooker; it ultimately has its origins in the systematic scheme proposed by de Candolle (1830), A. Richard (1830), Endlicher (1838), and others. Only recently have the traditional criteria for the classification of the Rubiaceae been called into question by Verdcourt (1958) and Bremekamp (1966), the work of these two authors having stimulated considerable new interest in the suprageneric taxonomy of the Rubiaceae.

This new interest has meant an increased use of names published at the ranks of subfamily, tribe, and subtribe. Unfortunately, earlier workers were somewhat less than careful in the use of such names, with the predictable results that many names commonly employed for taxa at the ranks below family and above genus are invalid or illegitimate. Especially disturbing are the facts that many modern authors persist in taking up incorrect names and in proposing new names without validly publishing them under the existing *Code*. The purpose of this study is to present in as compact a form as possible the nomenclatural status of all names published at those ranks under the Rubiaceae. It is a task made particularly difficult by the fact that such names are not accounted for in such compendia as *Index Kewensis*, a situation which makes considerable bibliographic work necessary. Consequently, a nomenclatural survey of this kind cannot in any way be definitive, since the totality of botanical literature cannot be (and has not been) exhaustively searched. It is felt, however, that in the present study

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nearly all of the most likely sources have been examined for publication of infrafamilial-suprageneric names, although it is fully expected that changes will result as more information becomes available.

Another problem concerning nomenclature between the ranks of family and genus is that the *Code* is especially vague concerning such names. Whereas infrageneric and infraspecific names (no doubt due to their more common use) are treated in considerable detail, comparable guidelines for the formation, publication, and use of infrafamilial-suprageneric names are, for the most part, wanting. Many nomenclatural decisions made here, therefore, rely on common sense and analogy with more explicit infrageneric and infraspecific examples. The most important cases requiring a certain amount of interpretation are presented below with a statement as to the policy adopted for this study.

Names becoming correct even if superfluous when published. In the Rubiaceae, a number of tribal names have been superfluously published (and are, therefore, illegitimate under Article 63) because the taxa to which they apply contain the type genera of older legitimate tribal names which should have been taken up. For example, Hooker's (1873) tribe *Mussaendeae* contains the genus *Isertia*, the type genus of de Candolle's (1830) tribe *Isertieae*, and is, consequently, superfluous. Logic dictates that such names become legitimate at a later date if the taxa they denote are given a circumscription which excludes all type genera of older legitimate tribal names. In the above example, if a monotypic tribe including only *Mussaenda* were to be recognized, it would have to be called *Mussaendeae* regardless of the earlier superfluous usage of that name. Considerable bibliographic work is required in order to determine whether or not a superfluous name may have been employed by a later author in a legitimate manner. In this regard, floristic works present a special problem, since the type genera of older legitimate names may well be excluded simply because those genera do not occur in the floristic region being treated. Such exclusion does not seem to be sufficient reason to assume that the authors of such floristic works actually conceived of the tribes in question as having such a "legitimate" circumscription. For this reason (and for the purposes of this study), names of tribes which were originally published as superfluous are considered to remain so unless a later author *specifically excludes* from the tribes to which those names apply all type genera of older legitimate tribal names.

Names of tribes denoted by the term "family." Article 18 of the *Code* states that names intended as names of families but denoted by the terms "ordo" or "ordo naturalis" instead of "family" are to be considered as having been published as names of families. No mention is made, however, of names intended as names of tribes (as now understood), but designated by the term "family." Martius (1835), for example, described six "families" under the "ordo Rubiaceae Juss." If, as provided for by Article 18, Martius's "ordo" is accepted as having been employed in a familial sense, then it seems only logical to accept his "families" as having been published as tribes.

Publication of names with the prefix "Eu." A number of authors have formed names of subtribes containing the type genus of the tribe by adding the prefix "Eu" to the name of the tribe (e.g. *Cinchoneae* subtribe *Eucinchoneae* Endlicher). However, such names are inadmissible because they are not based on legitimate names of included genera, as required by Article 19.

Names published without clear indication of rank. The status of names published without clear indication of rank is unclear under Article 35 of the *Code*. This article states that such names published prior to 1 Jan. 1953 must assume the rank assigned to them by the first author to do so, but the status of these names prior to the assignment of rank is not specified. On one hand, these rankless names may be considered as having been validly published (and as having nomenclatural priority) from the date of their publication, even though their taxonomic position is unknown. Upon assignment of rank at a later date, such names would assume a taxonomic position and exercise their priority over other existing (and possibly well-established) names. This back-dating of priority

does not seem desirable and is here deemed an unacceptable interpretation of Article 35.

An alternative solution, and the one accepted here, is to treat names denoting rankless taxa as validly published from the time of assignment of rank. In such cases, the assignment of rank represents the final condition for valid publication as outlined under Article 45, and the problem of back-dating is avoided. Such names are accredited solely to the author who fulfills this final condition for valid publication.¹

Limits of priority of infrafamilial-suprageneric names. Some subfamilial, tribal, or subtribal names, although based on genera usually placed under the Rubiaceae, were not originally published under that family. This fact raises the question of whether or not the priority of infrafamilial-suprageneric names extends beyond the families under which they have been validly published.

Some recent authors have taken familial and tribal, or familial and subfamilial names as the elements of a nomenclatural "combination." When McNeil (1974), for example, transferred Pax & Gilg's caparaceous subfamily Calypthrothecoideae to the Portulacaceae, the citation was given as "Tribus Calypthrotheceae (Pax & Gilg) Mc Neill *comb. et stat. nov.*" Mc. Neill's name certainly was employed at a new status, but did this interfamilial transfer really constitute a new combination?

The definition of "combination" given under Article 6 of the *Code* restricts this term to ranks below that of genus, and, with reference to infrafamilial-suprageneric names, does not indicate that they are anything but monomials. Like all other names, their priority is restricted to the ranks at which they have been validly published, but there is no specific restriction of priority to the families under which each has been validly published.

For the purposes of this study, names of subfamilies, tribes, and subtribes based on genera included in the Rubiaceae are considered to have priority from the date of their first valid publication even if such publication was not under the Rubiaceae *per se*. Especially pertinent are subfamilial names published by Rafinesque (1820), many of which were arranged under segregate families but predate names of the same rank published under the Rubiaceae. Infrafamilial-suprageneric names have also been employed by Lindley (1836, 1846, 1847, 1853) and Schmidt (1865) under the segregate family Cinchonaceae. All these names, however, had been previously published under other families.

AVAILABLE NAMES AND PERTINENT SYNONYMS

The object of this study is to present a summary of all valid infrafamilial-suprageneric names which should be utilized by the taxonomist who seeks a valid name for a taxon at one of these ranks. In accordance with the type method, the adoption of a name will depend upon the inclusion of its type genus within the circumscription given to the taxon in question. In the following list, therefore, names are arranged alphabetically according to the type genus of each. Names considered to be available for adoption are listed first and appear in boldface type. Earlier names based (or presumably based) on the same genus follow with an indication as to why each was passed over – the most common reasons being that they either have an inadmissible form (are not Latin words), or are designated as to rank by a "misplaced term" (Article 33).

In addition to names commonly used under the Rubiaceae, the names of

¹ Revision of Article 35 has been undertaken recently by the Nomenclature Section of the 12th International Botanical Congress (Leningrad). By a complicated rewording of this Article, the problem of back-dating is now avoided, but rankless names are considered to be validly published and to have a partial priority for the purposes of homonymy. This action does not necessitate any changes in the list of names presented here except, possibly, in the parenthetical citation of authorities responsible for earlier rankless publication of a name.

families based on genera which have been or are sometimes included within the Rubiaceae are also listed. Omitted, however, are such names as Baillon's (1880) tribes Adoxeae, Sambuceae, Lonicereae, and others based on genera which are today almost always excluded from the Rubiaceae.

Unless otherwise indicated, all infrafamilial names listed here were originally published under the family Rubiaceae or its equivalent. Such equivalent families are those which include the genus *Rubia*, but were given a different name (e.g. Aparinaceae Post & Kuntze, *nom. illeg.*).

Names employed within the Rubiaceae but not based on generic names (invalid under Article 19) are treated in a separate section of this study. Names which are validated are those which are likely to be taken up by future authors. It should be stressed that throughout this study the opinions expressed are entirely nomenclatural and completely divorced from any taxonomic considerations.

Type genus: ACRANTHERA Arnott ex Meisner, *nom. cons.*

Tribe Acranthereae Bremekamp ex S. Darwin, tribus Rubiacearum nova.

Herba ovariis bilocularibus, in quoque loculo placentis 2 elongatis prope axem per totam longitudinem dissepimenti affixis; in aestivatione corollae lobis valvatis et reduplicatis; staminibus corollae tubi basim versus insertis; fructibus baccatis raro plus minusve capsularibus; seminibus parvis endospermio carnoso, testae cellularum parietibus valde punctatis.

The connection of the stamens to the top of the style by means of the projecting tips of the connectives is a feature said by Bremekamp (1966) to be entirely unparalleled in the Rubiaceae.

Acranthereae Bremekamp (as "tribe") 1966: 24, *sine descr. lat.*

Type genus: ALBERTA E. Meyer

Tribe Alberteae J. D. Hooker (also as "Albertieae") 1873: 9, 22.

Type genus: ANTHOCEPHALUS A. Richard

Anthocephalidae Haviland (as "subtribus") 1897: 21, *nom. illeg.* (incl. *Sarcocephalus*).

Type genus: ANTHOSPERMUM Linnaeus

Tribe Anthospermeae Chamisso & Schlechtendal ex de Candolle 1830: 343, 578.

Subtribe Anthosperminae Bentham ("Anthospermeae") 1867: 401, 429.

Anthospermeae Chamisso & Schlechtendal (as "sectio") 1828: 309.

Anthospermea Bartling 1830: 209, *stat. non indic.*

Anthospermeae Reichenbach 1837: 180, *stat. non indic.*

Anthospermeae Chamisso & Schlechtendal ex Spach (as "section") 1839: 377.

Anthospermeae Chamisso ex Reichenbach 1841: 74, *stat. non indic.*

Type genus: ANTIRHEA Commerson ex Jussieu

Subfamily Antirheoideae Rafinesque ("Antirhidia" as "sous-famille") 1820: 86.

Type genus: APARINE Guettard

Aparineae Hoffmannsegg & Link (as "ordo") 1820: 38, *nom. illeg.* (incl. *Rubia*).

Aparinia Rafinesque (as "famille") 1820: 84, *nom. illeg.* (incl. *Rubia*).

Aparineae Link ex Post & Kuntze (as "tribe") 1904: 700, *nom. illeg.* (incl. *Rubia*).

Type genus: ARGOSTEMMA Wallich

Tribe Argostemmatideae Bremekamp ex Verdcourt ("Argostemmateae") 1958: 281.

Argostemmeae Bremekamp (as "tribe") 1952: 18, *sine descr. lat.*

Argostemmatideae Bremekamp (as "tribu") 1954: 114, *nomen.*

Type genus: ASPERULA Linnaeus

Aspérulées A. Richard (as "tribu") 1829: 3, *nom. inadmiss.*

Asperuleae A. Richard ex Dumortier (as "tribus") 1829: 33, *nom. illeg.* (incl. *Rubia*).

Asperuleae A. Richard (as "tribus") 1830: 46, *nom. illeg.* (incl. *Rubia*).

Asperuleae Brongniart 1843: 48, *nom. illeg.* (incl. *Rubia*), & *nomen.*

Asperuleae Brongniart 1850: 98, *nom. illeg.* (incl. *Rubia*), & *nomen.*

Type genus: BERTIERA Aublet

Subtribe Bertierinae K. Schumann ("Bertiereeae") 1891: 73.

Bertiérées A. Richard (as "tribu") 1829: 4, *nom. inadmiss.*

Bertiereeae Benthham (as "form" or "subtribu") 1849: 378, *nom. alt. & provis.*

Type genus: BOBEA Gaudichaud

Subtribe Bobeinae Miquel ("Bobeeae") 1857: 260.

Type genus: CATESBAEA Linnaeus

Tribe Catesbaeae J. D. Hooker 1873: 8, 17.

Type genus: CEPHAELIS Swartz

Subfamily Cephaelidoideae Rafinesque ("Cephelidia" as "sous-famille" under "Cephalantia") 1820: 86.

Subtribe Cephaelidinae de Candolle ("Cephaelideae") 1830: 342, 532.

Cephaelideae Reichenbach (as "gruppe") 1827: xxxi, *nomen.*

Cephaelideae Reichenbach 1828: 96, *nomen & stat. non indic.*

Cephaelideae Chamisso & Schlechtendal (as "sectio") 1829: 133.

Cephaelideae Reichenbach (as "gruppe") 1833: lxx, *nomen.*

Cephaelideae Reichenbach 1837: 180, *stat. non indic.*

Cephaelideae Chamisso ex Reichenbach 1841: 75, *stat. non indic.*

Type genus: CEPHALANTHUS Linnaeus

Family Cephalanthaceae Rafinesque ("Cephalantia") 1820: 86.

Subtribe Cephalanthinae de Candolle ("Cephalantheae") 1830: 343, 538.

Cephalantheae Humboldt, Bonpland, & Kunth (as "sectio") 1819: 379.

Cephalanthidae Dumortier (as "familia") 1822: 57, *nomen.*

Cephalantheae Kunth (as "sectio") 1824: 37.

Cephalantheae Kunth ex Sweet (as "sectio") 1826: 199.

Cephalantheae Chamisso & Schlechtendal (as "sectio") 1829: 147.

Cephalanthea Bartling 1830: 212, *stat. non indic.*

Cephalantheae Kunth ex Sweet (as "sectio") 1830: 263.

Cephalantheae Reichenbach 1837: 180, *nomen & stat. non indic.*

Cephalantheae de Candolle ex Reichenbach 1841: 75, *stat. non indic.*

Cephalantheae Brongniart (as section?) 1843: 49, *nomen.*

Cephalantheae Brongniart (as section?) 1850: 99, *nomen.*

Type genus: CHASSALIA Commerson ex Poiret

Subtribe Chassaliinae Miquel ("Chasalieae") 1857: 279.

Type genus: CHIMARRHIS Jacquin

Subfamily Chimarrhidoideae Rafinesque ("Chimarhidia" as "sous-famille") 1820: 84.

Chimarrheae Bremekamp (as "tribu") 1934: 253, *nomen.*

Type genus: CHIOCOCCA P. Browne

Tribe Chiococceae J. D. Hooker 1873: 9, 21.

Subtribe Chiococcinae Grisebach ("Chiococceae") 1861: 336.

Type genus: CINCHONA Linnaeus

Family Cinchonaceae Batsch ("Cinchoneae") 1802: 234.

Subfamily Cinchonoideae Rafinesque ("Cinchonaria" as "sous-famille" under "Dilarnia") 1820: 81.

Tribe Cinchoneae de Candolle ("Cinchonaceae") 1807: 217.

Subtribe Cinchoninae de Candolle ("Cinchoneae") 1830: 342, 349.

Cinchoneen Sprengel (as "ordnung") 1818: 605, *nom. inadmiss.*

Cinchoneae Humboldt, Bonpland, & Kunth 1820: 393, *stat. non indic.*

Cinchoneae Kunth 1824: 47, *stat. non indic.*

Cinchoneae Kunth ex Sweet (as "sectio") 1826: 198.

Cinchoneae Reichenbach (as "gruppe") 1827: xxxi, *nomen.*

Cinchoneae Reichenbach 1828: 95, *nomen & stat. non indic.*

Cinchoneae Chamisso & Schlechtendal (as "sectio") 1829: 178.

- Cinchonea* Bartling 1830: 211, *stat. non indic.*
Cinchoneae Kunth ex Sweet (as "sectio") 1830: 262.
Cinchoneae Kunth (as "gruppe") 1831: 469.
Cinchoneae Reichenbach (as "gruppe") 1833: lxx, *nomen.*
Cinchoneae Reichenbach 1834: 29, *stat. non indic.*
Cinchoneae Reichenbach 1837: 180, *stat. non indic.*
Eucinchoneae Endlicher (as "subtribus") 1838: 554 (and other authors), *nom. inadmiss.*
& superfl.
Cinchoneae A. Richard ex Spach (as "section") 1839: 371, 379.
Cinchoneae A. Richard ex Reichenbach 1841: 76, *stat. non indic.*
Cinchoninae K. Schumann 1891: 16, *stat. non indic.*

Type genus: COCCOCYPSELUM P. Browne corr. Schreber, *nom. cons.*

Tribe Coccocypseleae Bremekamp 1934: 253.

Coccocypseleae Chamisso & Schlechtendal (as "sectio") 1829: 138.

Type genus: COFFEA Linnaeus

Family Coffeaceae Batsch 1802: 233.

Tribe Coffeae de Candolle ("Coffeaceae") 1807: 217.

Subtribe Coffeinae de Candolle ("Coffeae") 1830: 342, 472.

Coffeaceae Sprengel (as "Ordnung") 1818: 600, *nom. inadmiss.*

Coffeaceae Humboldt, Bonpland, & Kunth (as "sectio") 1819: 352.

Coffearia Rafinesque (as "sous-famille") 1820: 85, *nom. illeg.* (incl. *Rubia*).

Coffeaceae Kunth (as "sectio") 1824: 20.

Coffeaceae Kunth ex Sweet (as "sectio") 1826: 199.

Coffeaceae Reichenbach (as "Gruppe") 1827: xxxi, *nomen.*

Coffeaceae Reichenbach 1828: 94, *nomen & stat. non indic.*

Coffeaceae Kunth ex Sweet (as "sectio") 1830: 263.

Coffeaceae Kunth (as "Gruppe") 1831: 468.

Coffeaceae Reichenbach (as "Gruppe") 1833: lxx, *nomen.*

Coffeariae Reichenbach 1837: 180, *stat. non indic.*

Coffeinae Reichenbach 1837: 180, *stat. non indic.*

Coffeaceae Endlicher (as "subordo") 1838: 251 (and other authors), *nom. illeg.* (incl. *Rubia*).

Coffeaceae de Candolle ex Spach (as "section") 1839: 376, 435.

Coffeariae Reichenbach 1841: 74, *stat. non indic.*

Coffeinae Reichenbach 1841: 75, *stat. non indic.*

Coffeatae Batsch ex Post & Kuntze (as "subfamilia") 1904: 699, *nom. illeg.* (incl. *Antirhea*).

Type genus: CONDAMINEA de Candolle

Tribe Condamineeae J. D. Hooker ("Condaminieae") 1873: 8, 12.

Subtribe Condamineinae Verdcourt 1958: 281.

Eucondaminieae J. D. Hooker (as "subtribus") 1873: 12, *nom. inadmiss.*

Type genus: COPROSMA J. R. & G. Forster

Coprosmeae Reichenbach 1837: 180, *stat. non indic.*

Coprosmeae Reichenbach 1841: 74, *stat. non indic.*

Type genus: COPTOSAPELTA Korthals

Tribe Coptosapelteae Bremekamp ex S. Darwin, tribus Rubiacearum nova.

Plantae in aestivatione corollae lobis contortis; stipulis brevibus; in quoque loculo ovulis multis; fructibus capsularibus subglobosis; receptaculo pollinis ixoroideo e pilis brevibus constato.

Coptosapelteae Bremekamp (as "tribe") 1952: 17, *sine descr. lat.*

Coptosapelteae Bremekamp (as "tribu") 1954: 114, *nomen.*

Coptosapelteae Bremekamp (as "tribe") 1966: 24, *sine descr. lat.*

Type genus: CORDIERA A. Richard

Tribe Cordiereae A. Richard ex de Candolle 1830: 342, 445.

Subtribe *Cordierinae* K. Schumann ("Cordierieae") 1891: 72.

Cordiereae A. Richard ex Spach (as "section") 1839: 374.

Cordiereae A. Richard ex Reichenbach 1841: 76, *stat. non indic.*

Type genus: *COUSSAREA* Aublet

Tribe *Coussareae* J. D. Hooker 1873: 9, 24.

Type genus: *CRATERISPERMUM* Bentham

Tribe *Craterispermeae* Verdcourt ("Craterospermeae") 1958: 281.

Type genus: *CREMASPORA* Bentham

Tribe *Cremsporeae* Bremekamp ex S. Darwin, tribus *Rubiacearum* nova.

Plantae in aestivatione corollae lobis contortis; ovariis bilocularibus, in quoque loculo ovulo pendulo solitario; receptaculo pollinis ixoroideo.

Subtribe *Cremspordinae* Verdcourt 1958: 281.

Cremsporeae Bremekamp 1952: 17, *stat. non indic. & sine descr. lat.*

Cremsporeae Bremekamp (as "tribu") 1954: 114, *nomen.*

Cremsporeae Bremekamp (as "tribe") 1966: 25, *sine descr. lat.*

Type genus: *CRUCKSHANKSIA* Hooker & Arnott, *nom. cons.*

Tribe *Cruckshanksiae* J. D. Hooker 1873: 9, 20.

Type genus: *DIALYPETALANTHUS* Kuhlmann

Family *Dialypetalanthaceae* Rizzini & Occhioni 1949: 253, *nom. cons.*

Type genus: *DIPLOSPORA* de Candolle

Subtribe *Displosporinae* Miquel ("Diplosporeae") 1857:237.

Type genus: *DISODEA* Persoon

Subfamily *Disodeoideae* Rafinesque ("Disodinia" as "sous-famille" under "Sambucidia") 1820: 80.

Type genus: *GAERTNERA* Lamarck, *nom. cons.*

Tribe *Gaertnereae* Bremekamp ex S. Darwin, tribus *Rubiacearum* nova.

Plantae a Loganiaceis raphidum et pilorum mucilaginosorum in stipularibus praesentia, phloematis inter xylema absentia differt; a Psathureis ovario fere supero ac etiam stipularum in vagina longa cylindrica conjunctione differt.

Gaertnereae Bremekamp (as "tribe") 1966: 31, *sine descr. lat.*

Type genus: *GALIUM* Linnaeus

Galeae Humboldt, Bonpland, & Kunth (as "sectio") 1819: 335, *nom. illeg.* (incl. *Rubia*).

Galeae Kunth (as "sectio") 1824: 10, *non illeg.* (incl. *Rubia*).

Galeae Kunth ex Sweet (as "sectio") 1826: 201, *nom. illeg.* (incl. *Rubia*).

Galieae Dumortier (as "tribus") 1829: 33 (and other authors), *nom. illeg.* (incl. *Rubia*).

Galeae Kunth ex Sweet (as "sectio") 1830: 265, *nom. illeg.* (incl. *Rubia*).

Galieae Kunth (as "gruppe") 1831: 468, *nom. illeg.* (incl. *Rubia*).

Galiaceae Lindley (as "order") 1836: 249, *nom. alt. & illeg.* (incl. *Rubia*).

Galiaceae Lindley (as "order") 1846: 768, *nom. illeg.* (incl. *Rubia*).

Galiaceae Lindley (as "order") 1847: 768, *nom. illeg.* (incl. *Rubia*).

Galiaceae Lindley (as "order") 1853: 768, *nom. illeg.* (incl. *Rubia*).

Type genus: *GARDENIA* Ellis, *nom. cons.*

Family *Gardeniaceae* Dumortier 1829: 29.

Tribe *Gardenieae* A. Richard ex de Candolle ("Gardeniaceae") 1830: 342, 367.

Subtribe *Gardeniinae* de Candolle ("Gardenieae") 1830: 342, 368.

Gardeniaceae Humboldt, Bonpland, & Kunth (as "sectio") 1820: 407.

Gardenieae Salisbury ex Sweet (as "sectio") 1826: 197.

Gardeniaceae Chamisso & Schlechtendal (as "sectio") 1829: 197.

Gardeniea Bartling 1830: 211, *stat. non indic.*

Gardenieae Salisbury ex Sweet (as "sectio") 1830: 260.

Gardenieae Kunth (as "gruppe") 1831: 469.

Gardenieae Reichenbach 1837: 180, *stat. non indic.*
Eugardenieae de Candolle ex Endlicher (as "subtribus") 1838: 558 (and other authors),
nom. inadmiss.
Gardenieae A. Richard ex Spach (as "section") 1839: 372, 401.
Gardeniariae Reichenbach 1841: 77, *stat. non indic.*
Gardenieae Reichenbach 1841: 78, *stat. non indic.*
Gardenieae genuinae Reichenbach 1841: 78, *nom. inadmiss. & stat. non indic.*
Gardeniaceae Schimper (as "famille") 1872: 879, *nomen.*
Gardeninae K. Schumann 1891: 16, *stat. non indic.*

Type genus: *GENIPA* Linnaeus

Subfamily *Genipoideae* Rafinesque ("Geniparia" as "sous-famille" under "Dilarnia")
1820: 81.

Genipeae Baillon (as "tribu ou série") 1880: 366, 433, *nom. illeg.* (incl. *Cordiaera*,
Gardenia, *Hamelia*, & *Isertia*).

Type genus: *GLEASONIA* Standley

Subfamily *Gleasonioideae* Bremekamp 1957a: 363.

Tribe *Gleasonieae* Bremekamp 1957a: 363.

Type genus: *GUETTARDA* Linnaeus

Family *Guettardaceae* Batsch ("Guettardeae") 1802: 235.

Tribe *Guettardeae* de Candolle ("Guettardaceae") 1807: 217.

Subtribe *Guettardinae* de Candolle ("Guettardeae") 1830: 342, 450.

Guettardeen Sprengel (as "ordnung") 1818: 612, *nom. inadmiss.*

Guettardeae Humboldt, Bonpland, & Kunth (as "sectio") 1820: 419.

Guettardeae Kunth (as "sectio") 1824: 67.

Guettardeae Kunth ex Sweet (as "sectio") 1826: 196.

Guettardeae Reichenbach (as "gruppe") (1827: xxxi, *nomen.*

Guettardeae Reichenbach 1828: 96, *nomen & stat. non indic.*

Guettardeae Chamisso & Schlechtendal (as "sectio") 1829: 181.

Guettardea Bartling 1830: 211, *stat. non indic.*

Guettardeae Kunth ex Sweet (as "sectio") 1830: 260.

Guettardeae Kunth (as "gruppe") 1831: 469.

Guettardeae Reichenbach (as "gruppe") 1833: lxx, *nomen.*

Guettardeae Reichenbach 1834: 29, *stat. non indic.*

Guettardeae Reichenbach 1837: 180, *stat. non indic.*

Enguettardeae de Candolle ex Endlicher (as "subtribus") 1838: 539 (and other authors),
nom. inadmiss. & superfl.

Guettardaceae Kunth ex Spach (as "section") 1839: 375, 425.

Guettardeae Humboldt, Bonpland, & Kunth ex Reichenbach 1841: 76, *stat. non indic.*

Guettardeae genuinae Reichenbach 1841: 76, *nom. inadmiss.*

Guettardinae K. Schumann 1891: 16, *stat. non indic.*

Guettardoideae Bremekamp (as "subfamily") 1952: 17, *sine descr. lat.*

Guettardoideae Bremekamp (as "sous-famille") 1954: 113, *sine descr. lat.*

Guettardoideae Bremekamp ex Verdcourt (as "subfamily") 1958: 280, *nom. illeg.*
incl. *Antirhea*).

Guettardoideae Bremekamp (as "subfamily") 1966: 18, 24, *nom. illeg.* (incl. *Antirhea*).

Type genus: *HAMELIA* Jacquin

Subfamily *Hamelioideae* Rafinesque ("Hamellidia" as "sous-famille" under "Polarnia")
1820: 82.

Tribe *Hamelieae* de Candolle 1830: 342, 438.

Subtribe *Hameliinae* Grisebach ("Hamelieae") 1861: 319.

Hameliaceae Humboldt, Bonpland, & Kunth (as "sectio") 1820: 413.

Hameliaceae Kunth (as "sectio") 1824: 63.

Hameliaceae Kunth ex Sweet (as "sectio") 1826: 196.

Hameliaceae Reichenbach 1828: 96, *nomen & stat. non indic.*

Hameliaceae Chamisso & Schlechtendal (as "sectio") 1829: 191.

Hamelieae Nees von Esenbeck & Fuhlrott (as "tribus") 1829: 167, *nomen.*

Hamelieaceae Kunth ex Sweet (as "sectio") 1830: 260.
Hamelieae Kunth (as "gruppe") 1831: 469.
Hamelieae Reichenbach 1834: 29, *stat. non indic.*
Hamelieae de Candolle ex Spach (as "section") 1839: 374, 422.
Hamelieae de Candolle ex Reichenbach 1841: 77, *stat. non indic.*
Hamelieae Benthham (as "form" or "subtribe") 1849: 378, *nom. alt. & provis.*

Type genus: HEDYOTIS Linnaeus

Tribe Hedyotideae Chamisso & Schlechtendal ex de Candolle 1830: 342, 401.

Subtribe Hedyotidinae de Candolle ("Hedyoteae") 1830: 342, 419.

Hedyotideae Humboldt, Bonpland, & Kunth 1819: 383, *stat. non indic.*

Hedyotideae Dumortier (as "familia") 1822: 57, *nomen.*

Hedyotideae Kunth 1824: 40, *stat. non indic.*

Hedyotideae Kunth ex Sweet (as "sectio") 1826: 198.

Hedyotideae Chamisso & Schlechtendal (as "sectio") 1829: 150.

Hedyotideae Nees von Esenbeck & Fuhlrott (as "tribus") 1829: 166, *nomen.*

Hedyotideae Bartling 1830: 210, *stat. non indic.*

Hedyotideae Kunth ex Sweet (as "sectio") 1830: 262.

Hedyotideae Reichenbach 1837: 180, *stat. non indic.*

Hedyotideae Chamisso & Schlechtendal ex Spach (as "section") 1839: 373, 418.

Hedyotideae Chamisso ex Reichenbach 1841: 76, *stat. non indic.*

Hedyoteae de Candolle ex Reichenbach 1841: 76, *stat. non indic.*

Type genus: HEINSENIA K. Schumann

Subtribe Heinseniinae Verdcourt 1958: 281.

Type genus: HEINSIA de Candolle

Tribe Heinsieae Verdcourt 1976: 183.

Subtribe Heinsiinae Verdcourt 1958: 281.

Type genus: HENRIQUEZIA Spruce ex Benthham

Family Henriqueziaceae Bremekamp 1957a: 371.

Tribe Henriquezieae J. D. Hooker 1873: 8, 12.

Type genus: HILLIA Jacquin

Subfamily Hillioideae Bremekamp ex S. Darwin, subfamilia Rubiacearum nova.

Plantae cum Rubioideis raphidum praesentia congruentes sed aestivatione contorta differt; a Rubiaceis omnibus aliis seminibus apicem versus cum pilorum caespite differt.

Tribe Hillieae Bremekamp ex S. Darwin, Tribus Rubiacearum nova.

Plantae characteribus ut in subfamilia Hillioidearum.

Subtribe Hilliinae J. D. Hooker ("Hillieae") 1873: 11.

Hillieae Bremekamp (as "tribu") 1954: 114, *sine descr. lat.*

Hillioideae Bremekamp (as "subfamily") 1966: 19, 32, *sine descr. lat.*

Hillieae Bremekamp (as "tribe") 1966: 32, *sine descr. lat.*

Type genus: HYPOBATHRUM Blume

Subtribe Hypobathrinae Miquel ("Hypobathreae") 1857: 236.

Type genus: ISERTIA Schreber

Tribe Isertieae A. Richard ex de Candolle 1830: 342, 435.

Isertieae A. Richard ex Spach (as "section") 1839: 374.

Isertieae A. Richard ex Reichenbach 1841: 77, *stat. non indic.*

Type genus: IXORA Linnaeus

Subfamily Ixoroideae Rafinesque ("Ixorinia" as "sous-famille" under "Larnospermia") 1820: 84.

Ixoreae Benthham (as "subtribe") 1849: 379, *nom. provis.*

Ixoreae A. Gray (as "tribe") 1858: 39, *nom. illeg.* (incl. *Pavetta*).

Ixoreae Grisebach (as "subtribe") 1861: 337 (and other authors), *nom. illeg.* (incl. *Coffea*).

Ixoreae J. D. Hooker (as "tribus") 1873: 9, 22 (and other authors), *nom. illeg.* (incl. *Coffea*).

- Type genus: *KNOXIA* Linnaeus
 Tribe *Knoxieae* J. D. Hooker 1873: 9, 21.
- Type genus: *LATHRAEOCARPA* Bremekamp
 Tribe *Lathraeocarpeae* Bremekamp 1975b: 165.
- Type genus: *LIPPAYA* Endlicher
 Family *Lippayaceae* Meisner ("Loppayaceae" as "ordo") 1838a: 157; 1838b: 112.
- Type genus: *LYGISTUM* P. Browne
 Subfamily *Lygistoideae* Rafinesque ("Lygistidia" as "sous-famille" under "Larnospermia") 1820: 83.
- Type genus: *LYGODISODEA* Ruiz & Pavon
 Family *Lygodisodeaceae* Bartling ("Lygodysodeaceae" as "ordo") 1830: 207.
Lygodisodeae Bartling ex Post & Kuntze (as "tribus") 1904: 699, *nom. illeg.* (incl. *Paederia*).
- Type genus: *MACHAONIA* Humboldt & Bonpland
 Tribe *Machaonieae* A. Richard ex Dumortier 1829: 33.
Machaoniées A. Richard (as "tribu") 1829: 4, *nom. inadmiss.*
- Type genus: *MANETTIA* Mutis ex Linnaeus, *nom. cons.*
 Tribe *Manettieae* Bremekamp 1934: 253.
Manettieae Chamisso & Schlechtendal (as "sectio") 1829: 168.
- Type genus: *MITCHELLIA* Linnaeus
Mitchelleen Sprengel (as "ordnung") 1818: 616, *nom. inadmiss.*
- Type genus: *MITRAGYNA* Korthals, *nom. cons.*
 Subtribe *Mitragyninae* Haviland ("Mitragyneae") 1897: 21.
- Type genus: *MORINDA* Linnaeus
 Tribe *Morindeae* Miquel 1857: 239, 241.
 Subtribe *Morindinae* de Candolle ("Morindeae") 1830: 342, 446.
Morindeae de Candolle ex Reichenbach 1841: 76, *stat. non indic.*
Morindaceae Schimper (as "famille") 1872: 874, *nomen*.
- Type genus: *MUSSAENDA* Linnaeus
Mussaendeae J. D. Hooker (as "tribus") 1873: 8, 15 (and other authors), *nom. illeg.* (incl. *Isertia*).
- Type genus: *NAUCLEA* Linnaeus
 Family *Naucleaceae* Wernham 1912: 255.
 Subfamily *Naucleoideae* Rafinesque ("Nauclidia" as "sous-famille" under "Cephalantia") 1820: 86.
 Tribe *Naucleae* de Candolle ex Miquel 1856: 130, 132.
 Subtribe *Naucleinae* de Candolle ("Naucleae") 1830: 342, 343.
Eunaucleae J. D. Hooker (as "subtribus") 1873: 10, *nom. inadmiss. & superfl.*
- Type genus: *OLDENLANDIA* Linnaeus
Oldenlandieae Baillon (as "tribu ou série") 1880: 367, 460, *nom. illeg.* (incl. *Hedyotis*).
Oldenlandieae K. Schumann 1891: 21, *stat. non indic.* (tribus?) & *nom. illeg.* (incl. *Hedyotis*).
- Type genus: *OPERCULARIA* Gaertner
 Family *Operculariaceae* Dumortier ("Opercularinae") 1822: 57 (cf. Jussieu 1804: 418, *descr. sine nomen*).
 Tribe *Opercularieae* A. Richard ex de Candolle 1830: 343, 614.
 Subtribe *Operculariinae* Bentham ("Opercularieae") 1867: 401, 431.
Operculaires Jussieu ex de Candolle (as "famille") 1819: 246, *nom. inadmiss.*
Opercularieae Nees von Esenbeck & Fuhlrott (as "tribus") 1829: 167, *nomen*.
Operculariea Bartling 1830: 213, *stat. non indic.*

Opercularinae Reichenbach 1837: 180, *stat. non indic.*
Opercularieae A. Richard ex Spach (as "section") 1839: 378.
Operculariae Jussieu ex Reichenbach 1841: 74, *stat. non indic.*

Type genus: OPHIORRHIZA Linnaeus

Tribe *Ophiorrhizeae* Bremekamp ex Verdcourt 1958: 281.

Ophiorrhizeae Bremekamp (as "tribe") 1952: 22, *sine descr. lat.*

Ophiorrhizoideae Bremekamp (as "sous-famille") 1954: 113, *sine descr. lat.*

Ophiorrhizeae Bremekamp (as "tribu") 1954: 113, *nomen.*

Type genus: PAEDERIA Linnaeus, *nom. cons.*

Tribe *Paederieae* de Candolle 1830: 342, 470.

Subtribe *Paederiinae* Miquel ("Paederieae") 1857: 257.

Paederieae de Candolle ex Spach (as "section") 1839: 376, 434.

Type genus: PAURIDIANTHA J. D. Hooker

Tribe *Pauridiantheae* Bremekamp ex S. Darwin, tribus Rubiacearum nova.

Plantae floribus bisexualibus heterostylis; ovario plerumque biloculari raro 4- vel 5-loculari, quoque locule cum pseudodisseppimento ab apice deorsum extenso; placentis axillaribus pseudodisseppimento apice incisus et in forma obcordatis; stigmatibus cohaerentibus vel liberis haud effusis.

Pauridiantheae Bremekamp (as "tribe") 1966: 22, *sine descr. lat.*

Type genus: PAVETTA Linnaeus

Tribe *Pavetteae* A. Richard ex Dumortier 1829: 33.

Pavettées A. Richard (as "tribu") 1829: 4, *nom. inadmiss.*

Type genus: PERAMA Aublet

Tribe *Perameae* Bremekamp ex S. Darwin, tribus Rubiacearum nova.

Plantae a Spermacoeis foliorum venis parallelis, stipulis rudimentariis, ovulorum insertione ad basim disseppimenti, et calyce bilobo differt.

Perameae Bremekamp (as "tribe") 1952: 14, *sine descr. lat.*

Perameae Bremekamp (as "tribe") 1966: 30, *sine descr. lat.*

Type genus: PINCKNEYA Michaux

Subtribe *Pinckneyinae* J. D. Hooker ("Pinkneyeae") 1873: 12.

Type genus: POLYPHRAGMON Desfontaines, *nom. rej.*

Subtribe *Polyphragminae* Miquel ("Polyphragmeae") 1857: 234.

Type genus: POMAZOTA Ridley

Subfamily *Pomazotoideae* Bremekamp ex S. Darwin, subfamilia Rubiacearum nova.

Plantae testae cellularum pariete tenui et basi foveis minutis in fasciculis aut plus minusve tuberculato; ovarii loculis pluriovulatis; raphidibus absentibus.

Tribe *Pomazoteae* Bremekamp ex S. Darwin, tribus Rubiacearum nova.

Plantae characteribus ut in subfamilia Pomazotoidearum.

Pomazoteae Bremekamp (as "tribe") 1952: 17, *sine descr. lat.*

Pomazoteae Bremekamp (as "tribu") 1954: 113, *nomen.*

Pomazotoideae Bremekamp (as "subfamily") 1966: 18, 23, *sine descr. lat.*

Pomazoteae Bremekamp (as "tribe") 1966: 23, *sine descr. lat.*

Type genus: PORTLANDIA P. Browne

Subtribe *Portlandiinae* J. D. Hooker ("Portlandieae") 1873: 12.

Portlandieae Baillon (as "tribu ou série") 1880: 367, 469, *nom. illeg.* (incl. *Rondeletia*).

Type genus: PSATHURA Commerson ex Jussieu

Tribe *Psathureae* A. Richard ex Dumortier 1829: 32.

Psathurées A. Richard (as "tribu") 1829: 4, *nom. inadmiss.*

Type genus: PSYCHOTRIA Linnaeus, *nom. cons.*

Psychotriaceae Chamisso & Schlechtendal (as "tribus") 1829: 1, 4, *nom. illeg.* (incl. *Coffea*).

Psychotriées A. Richard (as "tribu") 1829: 4, *nom. inadmiss.*

- Psychotriaceae* A. Richard ex Dumortier (as "tribus") 1829: 33 (and other authors), *nom. illeg.* (incl. *Coffea*).
- Psychotriea* Bartling 1830: 212, *stat. non indic.*
- Psychotriaceae* Reichenbach 1837: 180, *stat. non indic.*
- Psychotriaceae* Chamisso & Schlechtendal ex Meisner (as "subtribus") 1838a: 168; 1838b: 118 (and other authors), *nom. illeg.* (incl. *Coffea*).
- Psychotriaceae* Chamisso ex Reichenbach 1841: 75, *stat. non indic.*
- Psychotriaceae* Bentham (as "subtribe") 1849: 379, *nom. provis. & illeg.* (incl. *Cephaelis*).
- Psychotriaceae* Grisebach (as "subtribe") 1861: 338 (and other authors), *nom. illeg.* (incl. *Cephaelis* & *Morinda*).
- Psychotriaceae* J. D. Hooker (as "tribus") 1873: 9, 24 (and other authors), *nom. illeg.* (incl. *Psathura*).
- Psychotriinae* K. Schumann 1891: 16, *stat. non indic.*
- Type genus: *PUTORIA* Persoon
- Tribe *Putorieae* de Candolle ex Sweet 1839: 325.
- Subtribe *Putoriinae* de Candolle ("Putorieae") 1830: 343, 575.
- Putorieae* Reichenbach 1837: 180, *nomen & stat. non indic.*
- Putorieae* de Candolle ex Reichenbach 1841: 74, *stat. non indic.*
- Putoriées* Brongniart (as section?) 1843: 48, *nomen & nom. inadmiss.*
- Putorieae* Brongniart (as section?) 1850: 99, *nomen.*
- Type genus: *PYROSTRIA* Commerson ex Jussieu
- Subtribe *Pyrostriinae* Miquel ("Pyrostriaceae") 1857: 313.
- Type genus: *RANDIA* Linnaeus
- Subtribe *Randiinae* Miquel ("Randieae") 1857: 196.
- Randieae* Bentham (as "form") 1849: 378, *nom. provis.*
- Type genus: *RETINIPHYLLUM* Humboldt & Bonpland
- Tribe *Retiniphyllae* J. D. Hooker 1873: 9, 20.
- Type genus: *RICHARDIA* Linnaeus
- Subfamily *Richardioideae* Rafinesque ("Richardaria" as "sous-famille" under "Larinospermia" 1820: 84.
- Type genus: *RONDELETIA* Linnaeus
- Tribe *Rondeletieae* de Candolle ex Miquel 1856: 130, 156.
- Subtribe *Rondeletiniae* de Candolle ("Rondeletieae") 1830: 342, 401.
- Rondeletieae* de Candolle ex Reichenbach 1841: 77, *stat. non indic.*
- Type genus: *RUBIA* Linnaeus
- Family *Rubiaceae* Jussieu 1789: 196, *nom. cons.*
- Subfamily *Rubioideae*
- Tribe *Rubieae*
- Subtribe *Rubiinae*
- Type genus: *SABICEA* Aublet
- Tribe *Sabiceae* Bremekamp ("Sabiceae") 1934: 253.
- Subtribe *Sabiceinae* Grisebach ("Sabicieae") 1861: 322.
- Type genus: *SARCOCEPHALUS* Afzelius ex R. Brown
- Subtribe *Sarcocephalinae* de Candolle ("Sarcocephaleae") 1830: 342, 367.
- Sarcocephaleae* de Candolle ex Reichenbach 1841: 78, *stat. non indic.*
- Type genus: *SCHRADERA* Vahl, *nom. cons.*
- Tribe *Schradereae* Bremekamp 1934: 253.
- Schradereae* Reichenbach (as "gruppe") 1827: xxxi, *nomen.*
- Schradereae* Reichenbach (as "gruppe") 1833: lxx, *nomen.*
- Type genus: *SIMIRA* Aublet
- Tribe *Simireae* Bremekamp ex S. Darwin, tribus *Rubiacearum nova.*
- Plantae cum *Rondeletieis* seminibus magnis alatis quoque semine horizontaliter

disposito congruentes, sed ovulis paucioribus in 2 seriebus dispositis differt; a Rubiaceis omnibus aliis alae seminis insertione differt.

Simireae Bremekamp (as "tribe") 1966: 22, *sine descr. lat.*

Type genus: SIPANEA Aublet

Tribe Sipaneeae Bremekamp ("Sipaneae") 1934: 252.

Type genus: SPERMACOCE Linnaeus

Tribe Spermacoceae A. Richard ex Dumortier ("Spermacoceae") 1829: 33

Subtribe Spermacocinae Grisebach ("Spermacoceae") 1861: 348.

Spermacoceen Sprengel (as "ordnung") 1818: 598, *nom. inadmiss.*

Spermacoceae Humboldt, Bonpland, & Kunth (as "sectio") 1819: 341.

Spermacoceae Kunth (as "sectio") 1824: 14.

Spermacoceae Kunth ex Sweet (as "sectio") 1826: 200.

Spermacoceae Reichenbach (as "gruppe") 1827: xxxi, *nomen.*

Spermacoceae Chamisso & Schlechtendal (as "sectio") 1828: 309.

Spermacocées A. Richard (as "tribu") 1829: 4, *nom. inadmiss.*

Spermacoceae Nees von Esenbeck & Fuhlrott (as "tribus") 1829: 165, *nomen.*

Spermacocea Bartling 1830: 210, *stat. non indic.*

Spermacoceae Kunth ex Sweet (as "sectio") 1830: 265.

Euspermacoceae de Candolle (as "subtribus") 1830: 343, 540 (and other authors), *nom. inadmiss.*

Spermacoceae Kunth (as "gruppe") 1831: 468.

Spermacoceae Reichenbach (as "gruppe") 1833: lxix, *nomen.*

Spermacoceae Reichenbach 1834: 29, *stat. non indic.*

Spermacoceae Reichenbach 1837: 180, *stat. non indic.*

Euspermacoceae Reichenbach 1837: 180, *nomen & nom. inadmiss. & stat. non indic.*

Spermacoceae Chamisso & Schlechtendal ex Spach (as "section") 1839: 377, 462.

Spermacoceae Reichenbach 1841: 74, *stat. non indic.*

Spermacoceae Brongniart (as section?) 1843: 49, *nomen.*

Spermacoceae Brongniart (as section?) 1850: 99, *nomen.*

Spermacocatae Post & Kuntze (as "subfamilia") 1904: 700, *nom. illeg. (incl. Richardia).*

Type genus: SPIGELIA Linnaeus

Family Spigeliaceae Martius (as "ordo") 1827: 132.

Subtribe Spigeliinae Grisebach ("Spigeliiae") 1861: 331.

Type genus: THELIGONUM Linnaeus

Family Theligonaceae Dumortier ("Theligoneae") 1829: 15, 17, *nom. cons.*

Tribe Theligoneae Wunderlich ex S. Darwin, tribus Rubiacearum nova.

Plantae a Rubiaceis omnibus aliis foliorum distalium dispositione alternata, calycis absentia, floribus stricte unisexualibus et valde dimorphis, ovariis unilocularibus et uniovulatis, stylo laterali gynobasico, et embryo valde curvato differt.

Theligoneae Wunderlich (as "tribus") 1971: 385, *sine descr. lat.*

Type genus: TIMONIUS de Candolle, *nom. cons.*

Timonieae J. D. Hooker (as "tribe") 1870: 56, *nomen.*

Type genus: TRIAINOLEPIS J. D. Hooker

Tribe Triainolepideae Bremekamp 1956: 3.

Type genus: UNCARIA Schreber, *nom. cons.*

Subtribe Uncariinae Haviland ("Uncariae") 1897: 21.

Type genus: URAGOGA Baillon

Uragogae Baillon (as "tribu ou série") 1880: 336, 408, *nom. illeg. (incl. Psathura).*

Type genus: UROPHYLLUM Wallich

Subfamily Urophyloideae Bremekamp ex S. Darwin, subfamilia Rubiacearum nova.

Plantae cum Coccocypseis et Schradereis testae cellularum parietibus crassis et sine foveis magnis congruentes, sed raphidum genuinarum absentia differt.

Tribe *Urophyllaeae* Bremekamp ex Verdcourt 1958: 281.
Urophyllaeae Bremekamp (as "tribe") 1952: 17, *sine descr. lat.*
Urophyllloideae Bremekamp (as "sous-famille") 1954: 113, *sine descr. lat.*
Urophyllaeae Bremekamp (as "tribu") 1954: 113, *nomen.*
Urophyllloideae Bremekamp (as "subfamily") 1966: 17, 22, *sine descr. lat.*

Type genus: *VANGUERIA* Commerson ex Jussieu
Tribe *Vanguerieae* A. Richard ex Dumortier (also as "Vaugnerieae") 1829: 32.
Subtribe *Vangueriinae* Grisebach ("Vanguerieae") 1861: 337.
Vangueriées A. Richard (as "tribu") 1829: 4, *nom. inadmiss.*
Vanguerieae Bentham (as "subtribu") 1849: 379, *nom. provis. & illeg.* (incl. *Morinda*).
Euvanguerieae Miquel (as "subtribus") 1847: 248, *nom. inadmiss.*

Type genus: *VIRECTARIA* Bremekamp
Tribe *Virectariae* Verdcourt 1975: 366.

NAMES NOT BASED ON INCLUDED GENERA

Allodinia Rafinesque (as "sous-famille" under "Sambucidia") 1820: 80, *nom. inadmiss.*
Astrophylla Rafinesque (as "sous-famille") 1820: 85, *nom. inadmiss.*
Congregatae Batsch (as "ordo") 1794: 390, *nom. inadmiss.*
Congregatae Batsch (as "familia") 1802: 236, *nom. inadmiss.*
Pyrenidia Rafinesque (as "sous-famille" under "Larnospermia") 1820: 84, *nom. inadmiss.*
Quinquineae Reichenbach 1837: 180, *stat. non indic. & nom. inadmiss.*
Quinquineae Reichenbach 1841: 77, *stat. non indic. & nom. inadmiss.*
Stellatae Batsch (as "familia") 1802: 231 (and other authors), *nom. inadmiss.*
Stellatae Batsch (as "ordo") 1794: 390 (and other authors), *nom. inadmiss.*
Stellatae de Candolle (as "tribus") 1807: 217 (and other authors), *nom. inadmiss.*
Stellatea Sprengel (as "ordnung") 1818: 597, *nom. inadmiss.*
Stellatae Reichenbach (as "gruppe") 1827: xxxi, *nomen.*
Stellatae Reichenbach 1828: 93, *nomen & stat. non indic.*
Stellatae Chamisso & Schlechtendal (as "sectio") 1828: 220.
Stellatae Bartling 1830: 209, *stat. non indic.*
Stellatae Reichenbach (as "gruppe") 1833: lxxix, *nomen.*
Stellatae Reichenbach 1834: 29, *stat. non indic.*
Stellatae Reichenbach 1837: 179, *stat. non indic.*
Stellatae Linnaeus ex Spach (as "section") 1839: 378, 469.
Stellatae Ray ex Reichenbach 1841: 74, *stat. non indic.*
Stellatae Grisebach (as "subtribu") 1861: 351, *nom. inadmiss.*
Stipulariae D. Don (as "familia") 1825: 134, *nom. inadmiss.*

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