

**CLASSES AND ORDERS OF LINNAEUS' SEXUAL SYSTEM**

Classes 1—20 have perfect flowers

**Classes 1-11** have 1-19 stamens:

*Monandria* (1), *Diandria* (2), *Triandria* (3), *Tetrandria* (4, of equal height),  
*Pentandria* (5), *Hexandria* (6, of equal height), *Heptandria* (7), *Octandria* (8),  
*Nonandria* (9), *Decandria* (10), *Dodecandria* (11-19)

**Class 12: *Icosandria*** (20+, episepalous)

**Class 13: *Polyandria*** (20+, axial)

Classes 1-13 may have the following orders (based on the number of styles):

*Monogynia* (1), *Digynia* (2), *Trigynia* (3), *Tetragynia* (4), *Pentagynia* (5),  
*Hexagynia* (6), *Heptagynia* (7), *Octagynia* (8), *Decagynia* (10), *Polygynia* (>10)

**Class 14: *Didynamia*** (2 long + 2 short) with orders (based on fruit types):

*Gymnospermia* (4 nutlets), *Angiospermia* (capsules)

**Class 15: *Tetradynamia*** (4 long + 2 short) with orders (based on fruit types):

*Siliculosa* (silicles), *Siliquosa* (siliques)

**Class 16: *Monadelphica*** (filaments united in an unbroken cylinder)

**Class 17: *Diadelphica*** (filaments united in 2 bundles)

**Class 18: *Polyadelphica*** (filaments united in 3+ bundles)

Classes 16-18 may have the following orders (based on the number of stamens in each bundle):

*Pentandria*, *Hexandria*, *Octandria*, *Decandria*, *Icosandria*, *Polyandria*

**Class 19: *Syngenesia*** (5, anthers united, filaments free) with orders:

*Polygamia* (flowers in capitula)[with suborders *Aequalis*, *Superflua*, *Frustranea*,  
*Necessaria*], *Monogamia* (flowers individuated)

**Class 20: *Gynandria*** (stamens inserted on pistil) with orders:

*Diandria*...*Hexandria*, *Decandria*, *Polyandria*

Classes 21—24 have unisexual flowers, or none at all

**Class 21: *Monoecia*** (flowers unisexual, both sexes on one plant)

**Class 22: *Dioecia*** (plants unisexual)

Classes 21-22 may have orders corresponding to and named after Classes 1-20.

**Class 23: *Polygamia*** (plants with unisexual and perfect flowers), orders:

*Monoecia* (on 1 plant), *Dioecia* (on 2 plants), *Polyoecia* (on 3+ plants)

**Class 24: *Cryptogamia*** (no flowers) with orders:

*Filices* (ferns and fern-allies), *Musci* (mosses), *Algae* (liverworts, lichens & algae), *Fungi* (fungi)

**Unclassed: *Palmae*** (palms & cycads) with orders:

*Flabellifoliae* (fan palms), *Pennatifoliae* (feather "palms"), *Bipennatifoliae* (fishtail palm)