

## THE GENERA OF BRITISH PLANTS.

[The numbers of the Genera do not run exactly in numerical order, as they are intended to correspond with the numbers in the Flora Britannica of Sir J. E. Smith, for the sake of easy reference to that work.]

### CLASS I. MONANDRIA.

#### ORDER I. MONOGYNIA.

Seeds \* naked.

1. SALICORNIA. *Cal.* ventricose, entire. *Cor.* 0. *Stam.* 1 or 2. *Seed* 1, in the bottom of the calyx.
2. HIBURIS. *Cal.* obsolete. *Cor.* 0. *Seed* 1. inferior.

*Valeriana* 1.

Seeds \*\* capsular.

3. CHARA. *Berry* many-seeded. *Style* 0.
4. ZOSTERA. *Caps.* 1-seeded. *Spadix* many-flow. disposed in a double row sheathing. *Stig.* 2.

#### ORDER II. DIGYNIA.

5. CALLITRICHE. *Cal.* 0. *Pet.* 2. *Seeds* 4, naked, marginate on one side. *Fl.* some monoecious.

### CLASS II. DIANDRIA.

#### ORDER I. MONOGYNIA.

*Fl.* inferior, 1-pet. \* regular.

6. LIGUSTRUM. *Cor.* 4-cleft. *Berry* 4-seeded.
7. FRAXINUS. *Cor.* 0. or 4-parted. *Caps.* compressed, 2-seeded. *Fl.* some female.

*Fl.* inferior, 1-pet. \*\* irregular, capsular.

9. VERONICA. *Cor.* 4-parted, rotate. *Caps.* 2-celled.
10. PINGUICULA. *Cor.* ringent, spurred. *Caps.* 1-celled. *Cal.* 5-cleft.
11. UTRICULARIA. *Cor.* ringent, spurred. *Caps.* 1-celled. *Cal.* 2-leaved.

*Fl.* inferior, 1-pet. \*\*\* irregular: seeds naked.

12. LYCOPUS. *Cor.* nearly equal. *Stam.* distant, simple. *Seeds* retuse.
13. SALVIA. *Cor.* ringent. *Filam.* fixed transversely on a pedicel.

\*\*\*\* *Fl.* superior.

8. CIRCEA. *Cor.* 2-pet. *Cal.* 2-leaved. *Caps.* 2-celled. *Seeds* solitary.

*Fl.* apetalous, \*\*\*\*\* or 4-petalled.

*Salicornia* 1. *Fraxinus* 1. *Lepidium* 3. *Coronopus* 2.

#### ORDER II. DIGYNIA.

14. ANTHOXANTHUM. *Cal.* glume 2-valved, 1-flow. *Cor.* glume 2-valved, awned. *Seed* 1.

*Bromus* 10.

## CLASS III. TRIANDRIA.

## ORDER I. MONOGYNIA.

\* *Fl. superior.*

15. VALERIANA. *Cor.* 5-cleft, gibbous at the base. *Seed* 1, naked.  
 16. CROCUS. *Cor.* 6-parted, equal. *Stig.* convolute.  
 17. IRIS. *Cor.* 6-parted, alternate petals reflexed. *Stig.* petaliform.  
*Fl. inferior* \*\* *glumose. Seed* 1. (Grass-like.)  
 18. SCHOENUS. *Glumes* clustered: outer ones barren. *Seed* roundish.  
 19. CYPERUS. *Glumes* 2-rowed, imbricated. *Seed* beardless.  
 20. SCIRPUS. *Glumes* imbricated on every side.  
 21. ERIOPHORUM. *Glumes* imbricated on every side. *Seed* beset with  
 very long wool.  
 22. NARDUS. *Cal.* O. *Cor.* glum. 2-valved.  
*Juncus* 4.

## ORDER II. DIGYNIA.

*Calyxes* 1-flow. \* *scattered.* (True Grasses.)

24. PANICUM. *Cal.* 3-valved; third valve the least. *Cor.* persisting,  
 cartilaginous.  
 26. ALOPECURUS. *Cal.* 2-valved. *Cor.* 1-valved, simple at the apex.  
 25. PHLEUM. *Cal.* 2-valved, truncated, acuminate, sessile.  
 23. PHALARIS. *Cal.* 2-valved; valves keeled, equal, including the co-  
 rolla.  
 27. MILIUM. *Cal.* 2-valved, ventricose, larger than the corolla. *Stig.*  
 villous.  
 28. AGROSTIS. *Cal.* 2-valved; valves acute, shorter than the corolla.  
*Stigm.* plumose.  
 35. DACTYLIS. *Cal.* 2-valved, compressed; larger valve keeled.  
 39. STIPA. *Cal.* 2-valved. *Cor.* awn terminal, jointed at its base.  
 41. LAGURUS. *Cal.* 2-valved, awns villous. *Cor.* outer glume 3-awned.  
*Arundo* 2, 3, 5. *Melica* 1.  
*Calyxes* 2-flow. \*\* *scattered, 2-valved.*  
 29. AIRA. *Florets* without a rudiment between them.  
 31. MELICA. *Rudiment* of a third flow. between the florets.  
 30. HOLCUS. *Floret,* the one male. *Cor.* awned.  
*Calyxes* many-flow. \*\*\* *scattered, 2-valved.*  
 34. BRIZA. *Cor.* ventricose, valves cordate, obtuse. *Seed* depressed,  
 growing to the corolla.  
 35. POA. *Cor.* valves ovate, rather acute, awnless. *Spikel.* rounded at  
 the base.  
 37. FESTUCA. *Spikel.* oblong, somewhat cylindrical: glumes acuminate.  
 38. BROMUS. *Spikel.* oblong; glumes awned beneath the apex; inner-  
 most pectinato-ciliated.  
 40. AVENA. *Cor.* glume almost cylindrical: awn twisted from its back.

## TETRANDRIA MONOGYNIA.

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42. ARUNDO. *Flor.* beset with permanent wool.  
*Dactylis* 2.

*Spiked. common \*\*\*\* receptacle scrobiculate.*

43. LOLIUM. *Cal.* 1-leaved, fixed, many-flow.  
44. ROTTBOLLIA. *Cal.* 1-leaved, sometimes 2-parted, mostly 1-flow.  
*Fl.* alternate, on a jointed rachis.  
47. TRITICUM. *Cal.* 2-valved, solitary, many-flow. *Rachis* flexuose, toothed.  
36. CYNOSURUS. *Cal.* 2-valved, solitary, many-flow. *Recept. proper* unilateral, leafy.  
45. ELYMUS. *Cal.* 2-valved, lateral, aggregate, many-flow.  
46. HORDEUM. *Cal.* 2-valved, lateral, 1-flow. growing 3 together.

## ORDER III. TRIGYNIA.

48. MONTIA. *Cal.* 2-leaved. *Cor.* 1-pet. *Caps.* 3-valved, 3-seeded.  
50. POLYCARPON. *Cal.* 5-leaved. *Pet.* 5. *Caps.* 3-valved, many-seeded.  
49. HOLOSTEUM. *Cal.* 5-leaved. *Pet.* 5, eroded. *Caps.* nearly cylindrical, opening at the apex.  
*Tilcea* 1. *Stellaria* 2.

## CLASS IV. TETRANDRIA.

## ORDER I. MONOGYNIA.

- Fl.* 1-pet. 1-seeded \* superior.  
51. DIPSACUS. *Cal.* common, many-leaved, *proper.* superior, 1-leaved.  
*Pappus.* glass-shaped.  
52. SCABIOSA. *Cal.* common, many-leaved; *proper.* double superior.  
60. SANGUISORBA. *Cal.* 1-flow. inferior. *Cor.* superior.  
*Fl.* 1-pet. 2-seeded \*\* superior.  
56. RUBIA. *Cor.* campanulate, *Fruit* berry-like.  
55. GALIUM. *Cor.* flat. *Fruit* dry.  
54. ASPERULA. *Cor.* tubular. *Fruit* awnless.  
53. SHERARDIA. *Cor.* tubular. *Fruit* crowned. *Seed* 3-toothed.  
*Fl.* 1-pet. many- \*\*\* seeded, inferior.  
57. EXACUM. *Cor.* salver-shaped. *Caps.* 2-celled, opening at the apex.  
58. PLANTAGO. *Cor.* refracted; *Caps.* 2-celled, cut round. *Stam.* very long.  
59. CENTUNCULUS. *Cor.* tubular. *Caps.* 1-celled, cut round. *Stam.* inclosed.  
*Gentiana quadrifida.*  
\*\*\*\* *Fl.* 4-petalled.  
61. EPIMEDIUM. *Nect.* 4, incumbent on the petals, sack-like. *Silique.* many-seeded, superior, 1-celled. *Cal.* caducous.  
62. CORNUS. *Nect.* 0. *Drupe.* an inferior 6-celled nut.  
*Cardamine* 3.

- \*\*\*\*\* *Fl. apetalous.*  
 63. PARIETARIA. *Cal.* 4-cleft. *Seed.* covered with the elongated calyx.  
*Stam.* elastic. *Fl.* some female, whose calyx remains  
 unchanged.  
 64. ALCHEMILLA. *Cal.* 8-cleft. *Seed* naked.

## ORDER II. DIGYNIA.

65. BUFFONIA. *Cor.* 4-pet. *Caps.* 2-valved, 2-seeded.

## ORDER III. TETRAGYNIA.

66. ILEX. *Cor.* 1-pet. rotate. *Berry* 4-seeded, *Style* 0. *Fl.* some male.  
 69. SAGINA. *Pet.* 4. *Caps.* 1-celled. *Cal.* 4-leaved.  
 71. RADIOLA. *Pet.* 4. *Caps.* 8-celled, 8-valved. *Cal.* many-cleft.  
 70. TILLEA. *Pet.* 3-5. *Caps.* many, many-seeded.  
 67. POTAMOGETON. *Pet.* 4. *Cal.* 0. *Seeds* 4, naked, sessile.  
 68. RUFFIA. *Pet.* 0. *Cal.* 0. *Seeds* 4, pedicelled.  
*Cerastium* 4.

## CLASS V. PENTANDRIA.

## ORDER I. MONOGYNIA.

*Fl.* 1-pet. inferior \* 4-seeded. (Rough-leaved.)

81. ECHIUM. *Cor.* throat naked, irregular. *Stig.* 2-parted.  
 76. PULMONARIA. *Cor.* throat naked, funnel-shaped. *Cal.* prismatic.  
 73. LITHOSPERMUM. *Cor.* throat naked, funnel-shaped. *Cal.* 5-parted.  
 77. SYMPHYTUM. *Cor.* throat toothed, ventricose.  
 78. BORAGO. *Cor.* throat toothed, rotate.  
 80. LYCOPSIS. *Cor.* throat arched, funnel-shaped, tube curved.  
 79. ASPERUGO. *Cor.* throat arched, funnel-shaped. *Cal.* of the fruit  
 compressed, lamellæ sinuated.  
 75. CYNOGLOSSUM. *Cor.* throat arched, funnel-shaped. *Seed* depressed,  
 fixed laterally.  
 74. ANCHUSA. *Cor.* throat arched, funnel-shaped, prismatic at the base.  
*Seed* hollowed out at the base.  
 72. MYOSOTIS. *Cor.* throat arched, salver-shaped: lobes slightly emar-  
 ginate.  
*Fl.* 1-pet. inferior, \* seeds capsular.  
 87. ANAGALLIS. *Caps.* 1-celled, cut round. *Cor.* rotate. *Stam.* hirsute.  
 86. LYSIMACHIA. *Caps.* 1-celled, 10-valved, globose. *Cor.* rotate.  
 83. CYCLAMEN. *Caps.* 1-celled, pulpy within. *Cor.* rotate, reflexed.  
*Stig.* acute.  
 82. PRIMULA. *Caps.* 1-celled, mouth 10-cleft. *Cor.* throat pervious,  
 tube cylind. *Stig.* globose.  
 85. HOTTONIA. *Caps.* 1-celled. *Cor.* salver-shaped. *Stam.* standing on  
 the throat. *Stig.* globose. *Cal.* 5-parted.

84. MENYANTHES. *Caps.* 1-celled. *Cor.* hirsute. *Stig.* 2-cleft.  
 98. DATURA. *Caps.* 2-celled, 4-valved. *Cor.* funnel-shaped. *Cal.* deciduous.  
 99. HYOSCYAMUS. *Caps.* 2-celled, covered with a lid. *Cor.* funnel-shaped. *Stig.* capitate.  
 97. VERBASCUM. *Caps.* 2-celled. *Cor.* rotate, irregular. *Stig.* simple. *Stam.* declining, bearded.  
 102. CHIRONIA. *Caps.* 2-celled. *Cor.* salver-shaped. *Anth.* at length spiral. *Style* declining.  
 89. CONVULVULUS. *Caps.* 2 or 3-celled. *Seeds* 2. *Cor.* campanulate, plaited. *Stig.* 2.  
 90. POLEMONIUM. *Caps.* 3-celled. *Cor.* 5-parted. *Stam.* standing on the valves.  
 88. AZALEA. *Caps.* 5-celled. *Cor.* campanulate. *Stam.* inserted into the receptacle. *Stig.* obtuse.  
 112. VINCA. *Follicles* 2, erect. *Cor.* salver-shaped, twisted. *Seed* naked.  
 101. SOLANUM. *Berry* 2-celled. *Cor.* rotate. *Anth.* with 2-pores.  
 100. ATROPA. *Berry* 2-celled. *Cor.* campanulate. *Stam.* distant, incurved.

*Fl.* 1-pet. \*\*\* superior.

103. SAMOLUS. *Caps.* 1-celled, 5-valved at the apex. *Cor.* salver-shaped, 5-cleft, with intermediate scales.  
 93. JASIONE. *Caps.* imperfectly 2-celled, opening at the apex. *Cor.* rotate, 5-parted. *Stig.* club-shaped. *Anth.* united at the base.  
 92. PHYTUMA. *Caps.* 2 or 3-celled, perforated. *Cor.* rotate, 5-parted. *Stig.* 2 or 3-cleft.  
 94. LOBELIA. *Caps.* 2 or 3-celled. *Cor.* irregular slit. *Stig.* simple.  
 91. CAMPANULA. *Caps.* 3 or 5-celled, perforated. *Cor.* campanulate. *Stig.* 3-cleft.  
 104. LONICERA. *Berry* 2-celled, many-seeded. *Cor.* irregular.  
*Rubia* 1.

*Fl.* 5-pet. \*\*\*\* inferior.

105. RHAMNUS. *Berry* 3-celled. *Cal.* urceolate, bearing the corolla.  
 106. EUONYMUS. *Caps.* 5-celled. *Seed* calyptrate. *Cal.* flat.  
 95. IMPATIENS. *Caps.* 5-celled, elastic. *Cal.* 2-leaved. *Cor.* irregular.  
 96. VIOLA. *Caps.* 1-celled, 3-valved. *Cal.* 5-leaved, spurred. *Cor.* irregular.

*Fl.* 5-pet. \*\*\*\*\* superior.

107. RIBES. *Berry* many-seeded. *Cal.* bearing the corolla. *Style* 2-cleft.  
 108. HEDERA. *Berry* 5-seeded, surrounded by the calyx. *Style* simple. *Pet.* broad at the base.

\*\*\*\*\* *Fl.* incomplete.

110. GLAUX. *Caps.* 5-seeded, superior. *Cal.* coloured, 1-leaved.

109. ILLECEBRUM. *Caps.* 1-seeded, superior. *Cal.* 5-leaved, cartilaginous.  
 111. THESIUM. *Seed* 1, corticated, inferior. *Cal.* stamiferous.  
*Polygonum* 1.

## ORDER II. DIGYNIA.

- Fl.* 1-pet. \* inferior.  
 119. SWERTIA. *Caps.* 1-celled. *Cor.* rotate, with nectariferous pores at the base of each segment.  
 120. GENTIANA. *Caps.* 1-celled. *Cor.* tubular at the base, destitute of nectariferous pores.  
 118. CUSCUTA. *Caps.* 2-celled. *Cor.* campanulate.  
*Fl.* 5-pet. \*\* inferior.  
*Staphylea* 1.  
 \*\*\* *Fl.* incomplete.  
 116. SALSOLA. *Seed* 1. cochleate, covered.  
 114. CHENOPodium. *Seed* 1, lenticular, superior.  
 115. BETA. *Seed* 1, reniform, immersed in a fleshy calyx.  
 113. HERNIARIA. *Caps.* 1-seeded, corticated. *Filam.* 5, barren.  
 117. ULMUS. *Caps.* 1-seeded, membranous, compressed.  
*Fl.* 5-pet. superior \*\*\*\* 2-seeded. Umbelliferous.  
 A. *Involucre* universal & partial  
 121. ERYNGIUM. *Fl.* capitate. *Recept.* chaffy. *Seed* muricated.  
 122. HYDROCOTYLE. *Umbel* simple. *Seed* compressed. *Pet.* entire.  
 125. SANICULA. *Umbels* somewhat capitate: Florets of the disk abortive. *Seed* with hooked prickles.  
 135. HERACLEUM. *Fl.* radiate, abortive. *Invol.* deciduous. *Seed* membranous, compressed.  
 141. OENANTHE. *Fl.* radiate: those of the disk barren. *Seed* crowned, sessile, suberose-corticated.  
 125. ECHINOPHORA. *Fl.* radiate, abortive: central ones female. *Seed* immersed in the involucre.  
 127. CAUCALIS. *Fl.* radiate, abortive. *Invol.* simple. *Seed* muricated.  
 128. DAUCUS. *Fl.* radiate, abortive. *Invol.* pinnate. *Seed* muricated.  
 126. TORDYLIUM. *Fl.* radiate, fertile. *Invol.* simple. *Seed* crenate at the margin.  
 142. CORIANDRUM. *Fl.* radiate, abortive. *Involucells* halved. *Fruit* spherical.  
 133. PEUCEDANUM. *Fl.* flosculous, abortive. *Invol.* simple. *Seed* compressed, winged, striated.  
 150. CONIUM. *Fl.* flosculous, fertile. *Pet.* cordate. *Seed* gibbous, ribbed and furrowed. *Involucells* halved.  
 129. BUNIUM. *Fl.* flosculous, fertile. *Pet.* cordate. *Involucells* setaceous.  
 132. ATHAMANTA. *Fl.* flosculous, fertile. *Pet.* cordate. *Seed* convex, striated.  
 124. BUPLEURUM. *Fl.* flosculous, fertile. *Pet.* involute. *Seed* compressed, striated.

139. SIUM. *Fl.* flosculous, fertile. *Pet.* cordate. *Seed* almost ovate, striated.
131. SELINUM. *Fl.* flosculous, fertile. *Pet.* cordate. *Seed* compressed, striated in the middle.
134. CRITHMUM. *Fl.* flosculous, fertile. *Pet.* broad at the base. *Invol.* horizontal. *Cal.* entire.
137. LIGUSTICUM. *Fl.* flosculous, fertile. *Pet.* involute. *Invol.* membranous. *Cal.* 5-toothed.
136. MEUM. *Fl.* flosculous, fertile. *Pet.* inflexed, *Invol.* incised. *Cal.* obsolete.
138. ANGELICA. *Fl.* flosculous, fertile. *Pet.* incurved. *Umbellets* globose. *Seed* hemispherical, 3-winged.
140. SISON. *Fl.* flosculous, fertile. *Pet.* inflexed. *Umbel* of few rays. *Seed* ovate, striated.  
B. *Involucres* partial, universal none.
145. AETHUSA. *Fl.* somewhat radiate, fertile. *Involucells* halved.
147. CHEROPHYLLUM. *Fl.* somewhat radiate, abortive. *Involucells* reflexed, concave, 5-leaved.
146. SCANDIX. *Fl.* radiate, abortive. *Fruit* subulate.
143. PHELLANDRUM. *Fl.* flosculous, fertile. *Fruit* crowned.
148. IMPERATORIA. *Fl.* flosculous, fertile. *Umbel* expanding flat. *Fruit* compressed, marginate.
144. CICUTA. *Fl.* flosculous, fertile. *Fruit* nearly ovate, furrowed.  
*Bupleurum* 1. *Caucalis* 4. *Angelica* 2. *Sium* 3. *Oenanthe* 1, 3.  
C. *Invol.* none: scarcely universal: never partial.
154. APIUM. *Involucrum* 1-leaved. *Fl.* flosculous, fertile. *Fruit* ribbed. *Pet.* inflexed.
153. PIMPINELLA. *Fl.* flosculous, fertile. *Fruit* striated. *Stig.* nearly globular.
155. AEGOPODIUM. *Fl.* flosculous, fertile. *Fruit* ovate, striated. *Stig.* simple.
151. ANETHUM. *Fl.* flosculous, fertile. *Fruit* somewhat compressed: 3-ribbed on both sides.
149. PASTINACA. *Fl.* flosculous, fertile. *Fruit* compressed flat.
150. SMYRNIUM. *Fl.* flosculous, abortive. *Seed* reniform, angular.
152. CARUM. *Fl.* flosculous, abortive. *Seed* gibbous, striated.

## ORDER III. TRIGYNIA.

\* *Fl.* superior.

156. VIBURNUM. *Cor.* 5-cleft. *Berry* 1-seeded.
157. SAMBUCUS. *Cor.* 5-cleft. *Berry* 3-seeded.
160. ALSINE. *Cal.* 5-leaved. *Pet.* 5. equal. *Caps.* 1-celled, 3-valved.

\*\* *Fl.* inferior.

158. STAPHYLEA. *Cor.* 5-pet. *Caps.* 2 or 3, inflated.
159. TAMARIX. *Cor.* 5-pet. *Caps.* 3-valved. *Seed* pappous.
160. CORRIGIOLA. *Cor.* 5-pet. *Seed* 1, triangular.  
*Stellaria* 2.

## ORDER IV. TETRAGYNIA.

161. PARNASSIA. *Nect.* ciliated with bristles, terminated by globules.  
*Caps.* 4-valved.

## ORDER V. PENTAGYNIA.

163. LINUM. *Pet.* 5. *Caps.* 10-celled.  
164. SIBBALDIA. *Pet.* 5. *Seed* 5, naked. *Cal.* 10-cleft.  
162. STATICE. *Pet.* 5. *Seed* 1, clothed with the funnel-shaped calyx.  
*Cerastium* 3. *Spergula*.

## ORDER VI. HEXAGYNIA.

165. DROSERA. *Pet.* 5. *Caps.* 2-valved, many-seeded.

## ORDER VII. POLYGYNIA.

166. MYOSURUS. *Pet.* 5. with nectariferous tubular claws. *Seed* naked.  
*Cal.* appendiculate at the base.  
*Ranunculus* 14.

## CLASS VI. HEXANDRIA.

## ORDER I. MONOGYNIA.

*Fl.* calycted, \* furnished with calyx and corolla.

182. FRANKENIA. *Cor.* 5-pet. *Cal.* 1-leafed, inferior. *Caps.* 1-celled,  
many-seeded.  
181. BERBERIS. *Cor.* 6-pet. *Cal.* 6-leaved, inferior. *Berry* 2-seeded.  
183. PEPLIS. *Cor.* 6-pet. *Cal.* 10-cleft. *Caps.* 2-celled.  
*Lythrum* 2.  
\*\* *Fl.* with a spathe.  
168. LEUCOJUM. *Cor.* superior, 6-pet. campanulate. *Stam.* equal.  
167. GALANTHUS. *Cor.* superior, 6-pet.; 3 inner petals shorter, emar-  
ginate.  
169. NARCISSUS. *Cor.* superior, 6-pet. *Nect.* campanulate, bearing the  
petals, inclosing the stamina.  
170. ALLIUM. *Cor.* inferior, 6-pet.; petals ovate, sessile.  
\*\*\* *Fl.* naked.  
178. CONVALLARIA. *Cor.* inferior, 6-cleft. *Berry* 3-celled. *Stig.* 3-  
cornered.  
177. ASPARAGUS. *Cor.* inferior, 6-parted. *Berry* 3-celled. *Stig.* 3.  
175. ANTHERICUM. *Cor.* inferior, 6-pet. spreading. *Seeds* angular.  
176. NARTHECIUM. *Cor.* inferior, 6-pet. spreading. *Seeds* appendiculate.  
*Stam.* hirsute.  
173. ORNITHOGALUM. *Cor.* inferior, 6-pet. *Stam.* dilated at the base.  
174. SCILLA. *Cor.* inferior, 6-pet. *Stam.* filiform.  
171. FRITILLARIA. *Cor.* inferior, ovate, 6-pet. with a nectariferous  
hollow at the base.



172. TULIPA. *Cor.* inferior, campanulate, 6-pet. *Style* 0. *Seeds* flat.  
 179. ACORUS. *Cor.* inferior, 6-pet. *Spatix* many-flow.  
 \*\*\*\* *Fl. incomplete.*  
 180. JUNCUS. *Cal.* 6-leaved. *Caps.* superior, 3-valved, many-seeded.  
*Peplis* 1. *Polygona.*

## ORDER II. TRIGYNIA.

187. COLCHICUM. *Cal.* a spathe. *Cor.* 6-petaloid.  
 186. TRIGLOCHIN. *Cal.* 3-leaved. *Pet.* 3. *Caps.* opening at the base.  
 184. RUMEX. *Cal.* 3-leaved. *Pet.* 3. *Seed* 1, 3-cornered.  
 185. TOFIELDIA. *Cal.* 3-cleft. *Pet.* 6. *Caps.* 3, many-seeded.  
 83. SCHEUCHZERIA. *Cal.* 0. *Pet.* 6. *Stig.* sessile, lateral. *Caps.* 3 superior. *Seeds* 1. and 2. *Anth.* linear.

## ORDER III. POLYGYNIA.

188. ALISMA. *Cal.* 3-leaved. *Pet.* 3. *Caps.* numerous, aggregate, 1-seeded.

## CLASS VII. HEPTANDRIA.

## ORDER I. MONOGYNIA.

189. TRIENTALIS. *Cal.* 7-leaved. *Cor.* 7-parted, equal, flat. *Berry* 1-celled, juiceless.

## CLASS VIII. OCTANDRIA.

## ORDER I. MONOGYNIA.

\* *Fl. complete.*

195. ACER. *Pet.* 5. *Cal.* 5-cleft, inferior. *Caps.* 1-seeded, winged.  
 190. EPILOBIUM. *Pet.* 4. *Cal.* 4-cleft, superior. *Caps.* 4-celled. *Seeds* pappous.  
 191. CHLORA. *Cor.* 8-parted. *Cal.* 8-leaved, inferior. *Caps.* 1-celled.  
 192. VACCINIUM. *Cor.* 1-pet. *Cal.* 4-toothed, superior. *A Berry.*  
 193. ERICA. *Cor.* 1-pet. *Cal.* 4-leaved, inferior. *A Capsule.*  
*Monotropa* 1.

\*\* *Fl. incomplete.*

194. DAPHNE. *Cal.* corolla-like, 4-cleft, inferior. *Berry* 1-seeded.  
 (DIGYNIA.)

*Polygona. Chrysosplenium. Scleranthus.*

## ORDER III. TRIGYNIA.

196. POLYGONUM. *Cal.* 5-parted, corolla-like, inferior. *Cor.* 0. *Seed* 1, naked.

## ORDER IV. TETRAGYNIA.

198. ADOXA. *Cal.* half-inferior. *Cor.* superior, 4 or 5-cleft. *Caps.* covered with the calyx.

## OCTANDRIA TETRAGYNIA.

197. PARIS. *Cal.* 4-leaved. *Pet.* 4. *Berry* superior.  
 199. ELATINE. *Cal.* 3 or 4-leaved. *Pet.* 3 or 4. *Caps.* superior, 3 or 4-celled.

## CLASS IX. ENNEANDRIA.

## ORDER VI. HEXAGYNIA.

200. BUTOMUS. *Cal.* 0. *Pet.* 6. *Caps.* 6, many-seeded.

## CLASS X. DECANDRIA.

## ORDER I. MONOGYNIA.

- \* *Fl.* many-petalled.  
 201. MONOTROPA. *Pet.* 10 ; 5 outer ones gibbous at the base.  
 204. PYROLA. *Pet.* 5. *Antheræ* with 2-pores.  
 \*\* *Fl.* 1-pet. equal.  
 202. ANDROMEDA. *Cor.* ovate. *Caps.* 5-celled.  
 203. ARETUS. *Cor.* ovate, pellucid at the base. *Berry* 5-celled.  
*Vaccinium* 1, 2.

## ORDER II. DIGYNIA.

207. SCLERANTHUS. *Cor.* 0. *Cal.* 1-leaved. *Seeds* 2.  
 205. CHRYSOSPLENIUM. *Cor.* 0. *Cal.* coloured. *Caps.* 2-beaked, many-seeded.  
 206. SAXIFRAGA. *Pet.* 5. *Cal.* 5-parted. *Caps.* 2-beaked, many-seeded.  
 208. SAPONARIA. *Pet.* 5. *Cal.* 1-leaved, naked at the base. *Caps.* oblong.  
 209. DIANTHUS. *Pet.* 5. *Cal.* 1-leaved, scaly at the base. *Caps.* oblong.

## ORDER III. TRIGYNIA.

213. ARENARIA. *Caps.* 1-celled. *Pet.* entire, spreading.  
 212. STELLARIA. *Caps.* 1-celled. *Pet.* 2-parted, spreading.  
 214. CHERLERIA. *Caps.* 1-celled. *Nectariferous Glands* 5 at the base of the stamina. *Pet.* 0.  
 210. CUCUBALUS. *Berry* 1-celled. *Pet.* 2-cleft, unguiculate.  
 211. SILENE. *Caps.* imperfectly 3-celled. *Pet.* 2-cleft, unguiculate. *Cal.* 1-leaved.

## ORDER IV. PENTAGYNIA.

215. COTYLEDON. *Caps.* 5 nectariferous scales at the base. *Cor.* 1-pet.  
 216. SEDUM. *Caps.* 5 nectariferous scales at the base. *Cor.* 5-pet.  
 217. OXALIS. *Caps.* 5-celled, angular. *Seeds* 2, arilled. *Pet.* united at the base.  
 219. LYCHNIS. *Caps.* 5 or 1-celled, many-seeded. *Cal.* tubular membranous.  
 218. AGROSTEMMA. *Caps.* 1-celled. *Cal.* tubular, coriaceous.  
 220. CERASTIUM. *Caps.* 1-celled. *Pet.* 2-cleft. *Cal.* 5-leaved.  
 221. SPERGULA. *Caps.* 1-celled. *Pet.* entire. *Cal.* 5-leaved.  
*Stellaria* 6, 7.

## CLASS XI. DODECANDRIA.

## ORDER I. MONOGYNIA.

222. ASARUM. *Cor.* 0. *Cal.* 3-cleft, superior. *Caps.* 6-celled.  
 223. LYTHRUM. *Pet.* 6. *Cal.* 12-cleft, inferior.

## ORDER II. DIGYNIA.

224. AGRIMONIA. *Pet.* 5, inserted in the calyx. *Seeds* 2, in the bottom of the calyx.

## ORDER III. TRIGYNIA.

225. RESEDA. *Pet.* many-cleft. *Caps.* 1-celled, gaping.  
 226. EUPHORBIA. *Nect.* peltate. *Caps.* 3-grained, pedicelled.

(TETRAGYNIA.)

*Tormentilla* 1.

## ORDER V. DODECAGYNIA.

227. SEMPERVIVUM. *Pet.* 12. *Cal.* 12-parted. *Caps.* 12.

## CLASS XII. ICOSANDRIA.

## ORDER I. MONOGYNIA.

228. PRUNUS. *Cal.* inferior, 5-cleft. *Pet.* 5. *Drupa* with an entire nucleus.  
*Mespilus* 1.  
 (DIGYNIA,)  
 229. CRATÆGUS. *Cal.* superior, pentifid. *Cor.* 5-petal. *Drupa* 2-seeded.

## ORDER IV. PENTAGYNIA.

229. MESPILUS. *Cal.* superior, 5-cleft. *Pet.* 5. *Drupa* with 2-5. 2-seeded nuts.  
 230. SORBUS. *Cal.* superior, 5-cleft. *Cor.* 5-petalled. *Berry* 5-seeded.  
*Pyrus. Smith's Fl. Brit.*  
 230. PYRUS. *Cal.* superior, 5-cleft. *Pet.* 5. *Pome* 2-5 celled, 2-seeded.  
 231. SPIRÆA. *Cal.* inferior, 5-cleft. *Pet.* 5. *Caps.* 2-valved, many-seeded.

## ORDER V. POLYGYNIA.

232. ROSA. *Cal.* 5-cleft, urceolate, at length berried, many-seeded.  
 233. RUBUS. *Cal.* 5-cleft. *Berry* superior, compound, granules 1-seeded.  
 236. TORMENTILLA. *Cal.* 8-cleft. *Pet.* 4. *Seeds* naked, awnless.  
 238. DRYAS. *Cal.* 8-10-cleft. *Pet.* 5 or 8. *Seeds* tailed, plumose.  
 234. FRAGARIA. *Cal.* 10-cleft. *Seeds* naked, smooth, fixed to a berry-like, deciduous receptacle.  
 235. POTENTILLA. *Cal.* 10-cleft. *Seeds* naked, rugose, awnless.  
 237. GRUM. *Cal.* 10-cleft. *Seeds* with a geniculate awn. *Recept.* columnar.  
 239. COMARUM. *Cal.* 10-cleft. *Seeds* naked, smooth; fixed upon an ovate, spongy, villous, permanent, receptacle.  
*Spiræa* 2, 3.

## CLASS XIII. POLYANDRIA.

## ORDER I. MONOGYNIA.

243. PAPAVER. *Cal.* 2-leaved. *Caps.* 1-celled, opening with pores under the crown of the stigma. \* 4-petalled.
241. CHELIDONIUM. *Cal.* 2-leaved. *Siliqua* 1-celled. *Seeds* crested.
242. GLAUCIUM. *Cal.* 2-leaved. *Siliqua* 2-celled. *Seeds* dotted.
240. ACTÆA. *Cal.* 4-leaved. *Berry* 1-celled. *Seeds* flat, placed in a double order.  
*Cistus* 1.  
\*\* 5-petalled.
246. CISTUS. *Caps.* 3-valved, opening at the apex. *Cal.* 5-leaved. 2-leaflets smaller.
245. TILIA. *Caps.* 5-valved, opening at the base, coriaceous. *Cal.* 5-parted, deciduous.  
*Delphinium* 1.  
\*\*\* Many-petalled.
244. NYMPHÆA. *Berry* many-celled with a bark-like coat. *Cal.* larger than the petals.
245. NUPHAR. *Cal.* 5 or 6-leaved. *Pet.* numerous, inserted into the receptacle. *Stig.* with radiated furrows, sessile. *Berry* superior, many-celled. *Seeds* numerous.

## ORDER III. TRIGYNIA.

247. DELPHINIUM. *Cal.* 0. *Pet.* 5; uppermost horn-shaped. *Nect.* 2-cleft, sessile.

*Reseda* 1. *Helleborus*.

## ORDER V. PENTAGYNIA.

248. AQUILEGIA. *Cal.* 0. *Pet.* 5. *Nect.* 5, horn-shaped below.

## ORDER VI. HEXAGYNIA.

249. STRATIOTES. *Spatha* 2-leaved. *Perianthium* superior, 3-cleft. *Pet.* 3. *Berry* 6-celled.

## ORDER VII. POLYGYNIA.

252. THALICTRUM. *Cal.* 0. *Pet.* 4-5. *Seeds* tailless.
251. CLEMATIS. *Cal.* 0. *Pet.* 4-6. *Seeds* tailed. *Recept.* capitate.
250. ANEMONE. *Cal.* 0. *Pet.* 5-9. *Seeds* numerous.
256. HELLEBORUS. *Cal.* 0. *Pet.* 5. persisting. *Nect.* tubular, 2-lipped.
257. CALTHA. *Cal.* 0. *Pet.* 5. *Nect.* 0.
255. TROLLIUS. *Cal.* 0. *Pet.* 14. *Nect.* flattened.
254. RANUNCULUS. *Cal.* 5-leaved. *Pet.* 5, with a nectariferous claw. *Seeds* numerous, naked.
253. ADONIS. *Cal.* 5-leaved. *Pet.* 5-10, destitute of nectaries. *Seeds* numerous, naked.

## CLASS XIV. DIDYNAMIA.

## ORDER I. GYMnosPERMIA.

\* *Calyxes mostly 5-cleft.*

271. LEONURUS. *Antheræ* sprinkled with bony dots.  
 263. GLECOMA. *Anth.* each pair forming a cross.  
 262. MENTHA. *Filaments* distant, straight. *Cor.* almost equal.  
 259. TEUCRIUM. *Cor.* upper lip 2-parted beyond the base.  
 258. AJUGA. *Cor.* upper lip very small.  
 267. BETONICA. *Cor.* upper lip flat, ascending, tube cylindrical. *Stam.*  
 as long as the throat.  
 264. LAMIUM. *Cor.* throat toothed on both sides.  
 265. GALEOPSIS. *Cor.* lower lip with two teeth above.  
 266. GALEODOLON. *Cor.* lower lip 3-cleft, segments acute.  
 268. STACHYS. *Cor.* lower lip reflexed at the sides. *Stam.* reflected to  
 the sides, when defflorate.  
 260. NEPETA. *Cor.* lower lip crenate; throat with the margin reflexed.  
 269. BALLOTA. *Cal.* 10-striated. *Cor.* upper lip arched  
 270. MARRUBIUM. *Cal.* 10-striated. *Cor.* upper lip straight, 2-cleft.  
 261. VERBENA. *Cal.* 1-tooth truncated. *Cor.* nearly equal, curved.

\*\* *Calyxes 2-lipped.*

276. SCUTELLARIA. *Cal.* when in fruit covered with a lid.  
 274. THYMUS. *Cal.* throat closed with hairs.  
 277. PRUNELLA. *Filaments* all 2-forked at the apex.  
 273. ORIGANUM. *Strobile* collecting the calyces.  
 272. CLINOPODIUM. *Involucrum* many-bristled, collecting the calyces.  
 275. MELISSA. *Cal.* larger than the tube of the corolla. *Cor.* upper lip  
 flat. *Anth.* crossed.

## ORDER II. ANGIOSPERMIA.

\* *Calyxes 4-cleft.*

282. LATHRÆA. *Caps.* 1-celled. *Gland* under the germen.  
 278. BARTSIA. *Caps.* 2-celled. *Seeds* angular.  
 279. RINANTHUS. *Caps.* 2-celled. *Seeds* compressed flat, imbricated.  
 281. MELAMPYRUM. *Caps.* 2-celled. *Seeds* 2, gibbous, shining.  
 280. EUPHRASIA. *Caps.* 2-celled. *Seeds* striated. *Anth.* spinous.

\*\* *Calyxes 5-cleft.*

289. LIMOSELLA. *Caps.* imperfectly 2-celled. *Cor.* campanulate, nearly  
 equal.  
 285. SCROPHULARIA. *Caps.* 2-celled. *Cor.* reversed. *Lip* with the inter-  
 mediate segment more inward.  
 288. SIBTHORPIA. *Caps.* 2-celled, dissepiment transverse. *Cor.* nearly  
 rotate. *Stam.* each pair approximate.  
 286. DIGITALIS. *Caps.* 2-celled. *Cor.* campanulate, ventricose beneath.  
 284. ANTIRRHINUM. *Caps.* 2-celled. *Cor.* personate, with a prominent  
 nectary beneath.

283. PEDICULARIS. *Caps.* 2-celled. *Seeds* mucronate. *Cor.* personate; helmet compressed.  
 287. LINNÆA. *Berry* 5-celled, div. *Cor.* campanulate. *Cal.* superior.  
     \*\*\* *Cal. subdiphyllous.*  
 290. OROBANCHE. *Cal.* leaflets lateral, lobed. *Caps.* 1-celled.

## CLASS XV. TETRADYNAMIA.

## ORDER I. SILICULOSA.

293. DRABA. *Silicle* entire; valves flattish, parallel to the dissepiment.  
 292. SUBULARIA. *Silic.* entire; valves ovate, concave, contrary to the dissepiment.  
 291. VELLA. *Silic.* dissepiment projecting; twice as long as the valves.  
 300. ISATIS. *Silic.* deciduous, 2-valved, 1-seeded.  
 302. CRAMBE. *Silic.* deciduous, valveless, 1-seeded, coriaceous.  
 301. BUNIAS. *Silic.* deciduous, valveless, acutely quadrangular.  
 294. ALYSSUM. *Silic.* nearly entire, marginate; valves concave, parallel to the dissepiment.  
 297. COCHLEARIA. *Silic.* nearly entire, turgid, wrinkled, 2-valved, many-seeded.  
 298. CORONOPUS. *Silic.* nearly entire, compressed, wrinkled, valveless, 2-seeded.  
 295. LEPIDIUM. *Silic.* emarginate, elliptical, valves keeled.  
 296. THRASPI. *Silic.* emarginate, obcordate, valves marginate, keeled.  
 299. IBERIS. *Silic.* emarginate, obcordate, *Pet.* 2, outermost larger.

## ORDER II. SILIQUOSA.

- \* *Cal. closed; leaflets converging longitudinally.*  
 313. RAPHANUS. *Siliqua* torose, somewhat jointed.  
 306. ERYSIMUM. *Siliqua* 4-cornered.  
 307. CHEIRANTHUS. *Germen* marked with a gland on both sides. *Seed* flat.  
 308. HESPERIS. *Glands* within the shorter stamens. *Pet.* oblique.  
 309. ARABIS. *Glands* 4, reflected. *Siliqua* linear, torulose.  
 310. TURRITIS. *Siliqua* straight, somewhat angular. *Cor.* erect.  
 311. BRASSICA. *Siliqua* nearly cylindrical. *Seed* globular.  
 303. DENTARIA. *Siliqua* bursting elastically, valves revolute. *Stig.* emarginate.  
     \*\* *Calyx* gaping; leaflets distant above.  
 304. CARDAMINE. *Siliqua* bursting elastically, valves revolute. *Stig.* entire. *Cal.* rather gaping.  
 305. SISYMBRIUM. *Siliqua* opening, valves straightish. *Cal.* spreading.  
 312. SINAPIS. *Siliqua* nearly cylindrical, dissepiment prominent. *Cal.* spreading horizontally.

## CLASS XVI. MONADELPHIA.

## ORDER II. PENTANDRIA.

314. ERODIUM. *Pistil* 1. *Fruit* 5-grained, beaked; beak spirally twisted, bearded on the inside.  
*Linum. Geranium* 8.

## ORDER V. DECANDRIA.

315. GERANIUM. *Pistil* 1. *Fruit* 5-grained, beaked; beak recurved, naked.  
*Oxalis. Spartium. Genista. Anthyllis. Ulex. Ononis.*

## ORDER VIII. POLYANDRIA.

318. LAVATERA. *Pistils* many. *Cal.* outer 3-cleft. *Caps.* verticillate, 1-seeded.  
317. MALVA. *Pistils* many. *Cal.* outer 3-leaved. *Caps.* verticillate, 1-seeded.  
316. ALTHEA. *Pistils* many. *Cal.* outer 9-cleft. *Caps.* verticillate, 1-seeded.

## CLASS XVII. DIADELPHIA.

## ORDER II. HEXANDRIA.

319. FUMARIA. *Cal.* 2-leaved. *Cor.* ringent, gibbous at the base, nectariferous. *Filam.* with 3 anthers.

## ORDER III. OCTANDRIA.

320. POLYGALA. *Cal.* 2 segments wing-like. *Cor.* standard cylindrical. *Legume* obcordate, 2-celled.

## ORDER IV. DECANDRIA.

\* *Stam.* all connected, or monadelphous; tube oftentimes cleft from above.

321. SPARTIUM. *Filam.* adhering to the germen. *Stig.* adnate, villous.  
322. GENISTA. *Pistillum* depressing the keel, standard reflexed.  
323. ULEX. *Cal.* 2-leaved. *Legumes* scarcely longer than the calyx.  
325. ANTHYLLIS. *Cal.* turgid, inclosing the legume.  
324. ONONIS. *Cal.* 5-parted. *Legumes* rhomboid, sessile. *Standard* striated.

\*\* *Stigma pubescent.* (without the marks of the first division.)

327. OROBUS. *Style* linear, almost cylindrical, villous above.  
326. PISUM. *Style* keeled, and villous above.  
328. LATHYRUS. *Style* flat, and villous above.  
329. VICIA. *Style* bearded under the stigma.  
330. ERVUM. *Stigma* capitate, pubescent on every part.  
\*\*\* *Legumes* 2-celled (without the marks of the 1st and 2d division.)

334. ASTRAGALUS. *Legume* 2-celled, gibbous.

\*\*\*\* *Legume* about 1-seeded. (without the marks of the former divisions).

335. TRIFOLIUM. *Legume* scarcely longer than the calyx; 1 or many-seeded, not opening, deciduous. *Flw.* capitate.

\*\*\*\*\* *Legume* somewhat jointed. (without the marks of the former divisions).

333. HEDYSARUM. *Legume* joints compressed, 1-seeded. *Keel* very obtuse.
331. ORNITHOPUS. *Legume* jointed, bowed, cylindrical.
332. HIPPOCREPIS. *Legume* compressed, membranous; one suture, with many curved notches.
337. MEDICAGO. *Legume* spiral, membranaceo-compressed: *Pistillum* pressing down the keel.
- \*\*\*\*\* *Legume* 1-celled, many-seeded (without the marks of the former divisions).
336. LOTUS. *Legume* cylindrical, stuffed. *Wings* converging longitudinally upwards.

## CLASS XVIII. POLYADELPHIA.

## ORDER IV. POLYANDRIA.

338. HYPERICUM. *Cal.* 5-parted, inferior. *Pet.* 5. *Filam.* in 3 or 5 sets, united at the base. *Caps.* many-seeded.

## CLASS XIX. SYNGENESIA.

## ORDER I. POLYGAMIA ÆQUALIS.

\* *Semifloscular* of Tournefort; *Corollulæ* all ligulate.

349. HYPOCHERIS. *Receptacle* chaffy. *Pappus* plumose. *Cal.* somewhat imbricated.
351. CICHORIUM. *Recept.* somewhat chaffy. *Pappus* chaffy, shorter than the seeds. *Cal.* calyced.
347. CREPIS. *Recept.* rather hispid. *Pappus* simple, mostly stipitate. *Cal.* calyced, scales deciduous, at length torulose.
346. HIERACIUM. *Recept.* nakedish, dotted. *Pappus* simple, sessile. *Cal.* imbricated, ovate.
345. HEDYNOIS. *Recept.* naked, dotted. *Pappus* plumose, sessile, unequal, *Cal.* imbricated, calyced.
340. PICRIS. *Recept.* naked. *Pappus* plumose. *Seed* transversely furrowed. *Cal.* double; inner equal; outer lax.
339. TRAGOPOGON. *Recept.* naked. *Pappus* stipitate, plumose. *Cal.* simple, many-leaved.
344. LEONTODON. *Recept.* naked. *Pappus* stipitate, simple. *Cal.* imbricated; scales rather lax.
342. LACTUCA. *Recept.* naked. *Pappus* stipitate, simple. *Cal.* imbricated, cylindrical; margin membranous.
343. PRENANTHES. *Recept.* naked. *Pappus* nearly sessile, simple. *Cal.* calyced. *Florets* in a single row.
341. SONCHUS. *Recept.* naked. *Pappus* simple, sessile. *Cal.* imbricated, ventricose.
348. HYOSERIS. *Recept.* naked. *Pappus* simple or obsolete. *Cal.* nearly equal.



350. LAPSANA. *Recept.* naked. *Pappus* 0. *Cal.* calyced; inner leaflets equal, channelled.  
 \*\* *Capitate. Corollulæ* all tubular, divaricate-spreading at the apex.  
 356. CARLINA. *Cal.* ventricose; outer scales spinous; inner coloured, scariose, radiant. *Recept.* chaffy. *Pappus* plumose.  
 352. ARCTIUM. *Cal.* globular; scales inflected, hooked at the apex.  
 354. CARDUUS. *Cal.* ventricose, imbricated; scales spinous. *Recept.* hairy. *Pappus* deciduous.  
 355. ONOPORDUM. *Cal.* ventricose; scales spreading, spinous. *Recept.* honey-combed, somewhat chaffy.  
 353. SERRATULA. *Cal.* nearly cylindrical, imbricated; scales unarmed. *Pappus* persisting.  
*Centaurea* 1.  
 \*\*\* *Discoid. Corollulæ* all tubular, erecto-parallel, dense, flattish at the apex.  
 358. EUPATORIUM. *Recept.* naked. *Pappus* rough. *Cal.* oblong, imbricated. *Style* semibifid, projecting.  
 357. BIDENS. *Recept.* chaffy. *Pappus* rough backwards. *Cal.* many-leaved. *Cor.* sometimes radiated.  
 359. SANTOLINA. *Recept.* chaffy. *Pappus* 0. *Cal.* imbricated, hemispherical.  
*Tanacetum. Senecio* 1. *Aster* 1. *Anthemis* 2.

## ORDER II. POLYGAMIA SUPERFLUA.

- \* *Discoid. Corollulæ* of the radius obsolete.  
 360. TANACETUM. *Recept.* naked. *Seeds* crowned. *Cal.* hemispherical, imbricated. *Florets* of the radius 3-cleft, obsolete, sometimes none.  
 363. CONYZA. *Recept.* naked, *Pappus* rough. *Cal.* imbricated, roundish. *Florets* of the radius 3-cleft.  
 362. GNAFHALIUM. *Recept.* naked. *Pappus* rough or plumose. *Cal.* imbricated; scales scariose, coloured. *Florets* of the radius subulate, entire.  
 361. ARTEMISIA. *Recept.* naked or villous. *Pappus* 0. *Cal.* imbricated, scales rounded, converging. *Florets* of the radius subulate, entire.  
*Tussilago* 2, 3.  
 \*\* *Radiate. Corollulæ* of the radius ligulate.  
 372. BELLIS. *Recept.* naked, conical. *Pappus* 0. *Cal.* hemispherical, scales equal. *Seeds* obovate.  
 375. MATRICARIA. *Recept.* naked, cylindraco-conical. *Pappus* 0. *Cal.* flattish, imbricated with scales, scariose at the margin.  
 373. CHRYSANTHEMUM. *Recept.* naked. *Pappus* 0. *Cal.* hemispherical; imbricated with dilated scales, membranous at the margin.  
 374. PYRETHRUM. *Recept.* naked. *Pappus* marginate. *Cal.* hemispherical.

- rical, imbricated with sharpish scales, scariosæ at the margin.
371. DORONICUM. *Recept.* naked, *Pappus* simple. *Seeds* of the radius awnless. *Cal.* scales in a double order, equal, longer than the disk.
369. INULA. *Recept.* naked, *Pappus* simple. *Cal.* imbricated. *Cor.* of the radius linear, very numerous. *Antheræ* with 2 bristles at the base.
364. ERIGERON. *Recept.* naked, *Pappus* simple. *Cal.* imbricated, *Cor.* of the radius linear, very narrow, numerous.
368. SOLIDAGO. *Recept.* naked, scrobiculate. *Pappus* simple. *Cal.* imbricated with converging scales. *Florets* of the radius about 5.
367. ASTER. *Recept.* naked, *Pappus* simple. *Cal.* imbricated, lowermost scales spreading. *Florets* of the radius more than ten.
366. SENECIO. *Recept.* naked, *Pappus* simple. *Cal.* cylindrical, many-leaved, equal, calyced; scales dead at the apex.
365. TUSSILAGO. *Recept.* naked, *Pappus* simple. *Cal.* simple, many-leaved, equal, somewhat membranous, ventricose at the base.
370. CINERARIA. *Recept.* naked, *Pappus* simple. *Cal.* simple, many-leaved, equal, cylindrical.
376. ANTHEMIS. *Recept.* chaffy. *Pappus* scarcely marginate. *Cal.* hemispherical; scales nearly equal. *Florets* of the radius more than 5, oblong.
377. ACHILLEA. *Recept.* chaffy, *Pappus* 0. *Cal.* ovate, imbricated, unequal. *Florets*, of the radius 5-10, roundish or obcordate.

*Bidens* 2.

#### ORDER III. POLYGAMIA FRUSTRANEA.

378. CENTAUREA. *Recept.* bristly. *Pappus* simple. *Cor.* of the radius funnel-shaped, irregular, longer than those of the disk.

### CLASS XX. GYNANDRIA.

#### ORDER I. DIANDRIA.

*Stamina* inserted in the *Pistil*, above the *germen*.

379. ORCHIS. *Nect.* horn-shaped.
380. SATYRIUM. *Nect.* shaped like a double purse.
381. OPHRYS. *Nect.* somewhat keeled, deflexed.
382. MALAXIS. *Nect.* cordate, erect, embracing the organs of fructification.
384. SERAPIAS. *Nect.* ovate, gibbous, with an ovate lip.
383. CYPRIPEDIUM. *Nect.* 2-lipped: lower lip ventricose, inflated.

#### ORDER V. HEXANDRIA.

385. ARISTOLOCHIA. *Stig.* 6. *Cal.* 0. *Cor.* monopetalous. *Caps.* 6-celled.

## CLASS XXI. MONOECIA.

## ORDER I. MONANDRIA.

*Male and Female Flowers on the same plant.*

386. ZANNICHELLIA. M. *Cal.* 0. *Cor.* 0.  
Fem. *Cal.* 1-leafed. *Cor.* 0. *Pist.* 4. *Seeds* 4.  
*Callitriche Chara?*

## ORDER II. DIANDRIA.

387. LEMNA. M. *Cal.* 1-leafed. *Cor.* 0.  
Fem. *Cal.* 1-leafed. *Cor.* 0. *Style* 1. *Caps.* many-seeded.

## ORDER III. TRIANDRIA.

391. ERIOCAULON. *Cal.* common many-leaved: *proper* 2 or 3-leaved.  
*Corollulae* 2 or 3-parted.  
M. fl. in the middle of the disk,—Fem. in the  
radius. *Stig.* 2 or 3. *Caps.* 2 or 3-grained.  
*Seed* solitary.
389. SPARGANIUM. M. *Cal.* 3-leaved. *Cor.* 0.  
Fem. *Cal.* 3-leaved. *Cor.* 0. *Drupe* juiceless, 1-  
seeded.
390. CAREX. M. *Ament* imbricated. *Cal.* glume 1-valved. *Cor.* 0.  
Fem. *Ament* imbricated. *Cal.* glume 1-valved. *Cor.* 0.  
*Stig.* 2 or 3. *Seed* clothed with a ventricose aril.
388. TYPHA. M. *Ament* cylindrical, hairy. *Anth.* about 3 on each  
filament.  
Fem. *Ament.* cylindrical. *Seed* 1. *Pedicel* pappous.

## ORDER IV. TETRANDRIA.

392. LITTORELLA. M. *Cal.* 4-leaved. *Cor.* 4-cleft. *Stam.* very long.  
Fem. *Cal.* 0. *Cor.* unequally 3-cleft. *Style* very long.  
*Nut* 1-celled.
395. URTICA. M. *Cal.* 4-leaved. *Cor.* 0. Rudiment of a *germen* cup-  
shaped.  
Fem. *Cal.* 2-leaved. *Cor.* 0. *Seed* 1, superior, polished.
394. BUXUS. M. *Cal.* 3-leaved. *Pet.* 2. Rudiment of a *germen*.  
Fem. *Cal.* 4-leaved. *Pet.* 3. *Styles* 3. *Caps.* 3-beaked,  
3-celled. *Seeds* 2.
393. BETULA. M. *Cal.* Scale of an ament, 1-leafed, 3-cleft, 3-flor. *Cor.*  
4-parted.  
Fem. *Cal.* scale of an ament, 1-leafed, subtrifid, 2-  
flowered. *Styles* 2. *Seeds* compressed.  
*Eriocaulon.* *Myrica Gale.*

## ORDER V. PENTANDRIA.

396. XANTHIUM. M. *Cal.* common imbricated. *Cor.* monopetalous,  
funnel-shaped, 5-cleft. *Recept.* chaffy.  
Fem. *Cal.* 2-leaved, 2-flowered. *Cor.* 0. *Drupe* dry,  
muricated, bifid. *Nut* 2-celled.

397. AMARANTHUS. M. *Cal.* 3-leaved. *Cor.* 0. *Stam.* 3 or 5.  
Fem. *Cal.* 3-leaved. *Cor.* 0. *Styles* 3. *Caps.* 1-  
celled, cut round. *Seed* 1.  
398. BRYONIA. M. *Cal.* 5-toothed. *Cor.* 5-cleft. *Filam.* 3. *Anth.* 5.  
Fem. *Cal.* 5-toothed. *Cor.* 5-cleft. *Style* 3-cleft.  
*Berry* inferior, many-seeded.  
*Fagus sylvatica. Quercus. Atriplex portulacoides.*

## ORDER VI. HEXANDRIA.

*Rumices. Quercus.*

## ORDER VIII. POLYANDRIA.

400. MYRIOPHYLLUM. M. *Cal.* 4-leaved. *Pet.* 4. *Stam.* 8.  
Fem. *Cal.* 4-leaved. *Pet.* 4. *Stig.* 4, sessile. *Seeds*  
4, corticated.  
403. POTERIUM. M. *Cal.* 4-leaved. *Cor.* 4-parted. *Stam.* 30 to 40.  
Fem. *Cal.* 4-leaved. *Cor.* 4-parted. *Pist.* 2. *Nut* 2-  
celled, corticated.  
401. SAGITTARIA. M. *Cal.* 3-leaved. *Pet.* 3. *Stam.* nearly 24.  
Fem. *Cal.* 3-leaved. *Pet.* 3. *Pist.* numerous. *Caps.*  
numerous, ventricose, 1-seeded.  
399. CERATOPHYLLUM. M. *Cal.* many-parted. *Cor.* 0. *Stam.* 16 to 20.  
Fem. *Cal.* many-parted. *Cor.* 0. *Stig.* almost  
sessile. *Seed* 1, corticated.  
405. FAGUS. M. *Cal.* campanulate 5-cleft. *Cor.* 0. *Stam.* 5 to 12.  
Fem. *Cal.* 4-cleft. *Cor.* 0. *Styles* 2 or 3, 3-cleft. *Seeds*  
2 or 3, invested with the coriaceous muricated calyx.  
404. QUERCUS. M. *Cal.* campanulate, commonly 5-cleft. *Cor.* 0.  
*Stam.* 5 to 10.  
Fem. *Cal.* campanulate, very entire, rough. *Cor.* 0.  
*Style* 1. *Stig.* 3. *Nut* superior, coriaceous, 1-  
seeded.  
407. CORYLUS. M. *Cal.* scale of an ament, 3-cleft. *Cor.* 0. *Stam.* 8.  
Fem. *Cal.* bifid, torn. *Cor.* 0. *Styles* 2. *Nut* ovate,  
smooth, 1-celled: invested with the coriaceous  
calyx.  
406. CARPINUS. M. *Cal.* scale of an ament, roundish. *Cor.* 0. *Stam.*  
8 to 20.  
Fem. *Cal.* scale of an ament, oblong. *Cor.* 0. *Germ.*  
2. *Styles* 2 on each germ. *Nut* angular, 1-celled.  
402. ARUM. *Spathe* 1-leaved. *Cor.* 0. *Spadix* androgynous, bearing  
*stamens* in the middle, and *germens* at the base.  
*Berries* 1-celled.

## ORDER IX. MONADELPHIA.

*Filaments coalescing below into one body.*

408. PINUS. M. *Scale* of an ament, peltate. *Cor.* 0. *Antheræ* sessile  
adhering to the scales.

Fem. Scale of an ament, 2-flowered. *Cor.* 0. *Pist.* 1.  
*Nut* winged. *Typha?*

## CLASS XXII. DIOECIA.

## ORDER I. MONANDRIA.

*Male and Female Flowers on distinct Plants.*  
*Salix purpurea* & *Helix.*

## ORDER II. DIANDRIA.

409. SALIX. M. *Cal.* scale of an ament. *Cor.* 0. a nectariferous gland at the base. *Stam.* 1 to 5.  
 Fem. *Cal.* scale of an ament. *Cor.* 0. *Stig.* 2. *Caps.* superior, 1-celled, 2-valved. *Seeds* pappous.

## ORDER III. TRIANDRIA.

410. EMPETRUM. M. *Cal.* 3-parted. *Pet.* 3. *Stam.* capillary, 3 to 9.  
 Fem. *Cal.* 3-parted. *Pet.* 3. *Stig.* 9. *Berry* superior, 9-seeded.  
 411. RUSCUS. M. *Cal.* 6-leaved, *Cor.* 0. *Nect.* ovate, tubular, bearing the stamina within.  
 Fem. *Cal.* *Cor.* and *Nect.* as in the male, *Stam.* 0, *Style* 1. *Berry* superior, 3-celled. *Seeds* in pairs,  
*Valeriana dioica.* *Salix triandria* & *amygdalina.*

## ORDER IV. TETRANDRIA.

413. HIPPOPHAE. M. *Cal.* 2-parted. *Cor.* 0.  
 Fem. *Cal.* tubular, 2-cleft. *Style* 1. *Berry* superior, 1-seeded. *Seed* invested with a double aril.  
 414. MYRICA. M. *Cal.* scale of an ament, concave. *Cor.* 0.  
 Fem. *Cal.* scale of anament, concave. *Cor.* 0. *Styles* 2. *Berry* 1-seeded.  
 412 VISCUM. M. *Cal.* 0. *Pet.* 4. dilated and cohering at their base, resembling a calyx. *Anth.* sessile, fixed to the petals.  
 Fem. *Cal.* submarginate. *Pet.* 4. dilated at the base. *Style* 0. *Berry* inferior, 1-seeded.  
*Rhamnus catharticus.* *Urtica dioica.*

## ORDER V. PENTANDRIA.

415. HUMULUS. M. *Cal.* 5-leaved. *Cor.* 0. *Anth.* with 2 pores at the apex.  
 Fem. *Cal.* scale of an ament, oblique, entire. *Cor.* 0. *Styles* 2. *Seed* 1, coated, winged with the calyx.  
*Ribes alpinum.* *Pimpinella dioica.* *Bryonia dioica.* *Salix pentandra.*

## DIOECIA PENTANDRIA.

## ORDER VI. HEXANDRIA.

416. TAMUS. M. *Cal.* 6-parted. *Cor.* 0.  
Fem. *Cal.* 6-parted. *Cor.* 0. *Style* 3-cleft. *Berry* inferior,  
3-celled. *Seeds* 2 together.

## ORDER VII. OCTANDRIA.

418. RHODIOLA. M. *Cal.* 4-parted. *Pet.* 4. *Nect.* 4. emarginate.  
Fem. *Cal.* 4-parted. *Pet.* 4. emarginate. *Pist.* 4.  
*Caps.* 4. many-seeded.
417. POPULUS. M. *Cal.* scale of an ament, torn. *Cor.* turbinate, ob-  
lique, entire.  
Fem. *Cal.* scale of an ament, torn, *Cor.* turbinate, en-  
tire. *Stig.* 4. *Caps.* superior, 2-celled, 2-valved.  
*Seeds* pappous.

## ORDER VIII. ENNEANDRIA.

419. MERCURIALIS. M. *Cal.* 3-parted. *Cor.* 0. *Stam.* 9 to 12. *Anth.*  
globose, double.
420. HYDROCHARIS. M. *Cal.* 3-cleft. *Pet.* 3. *Filam.* 3. interior appen-  
diculate.  
Fem. *Cal.* 3-cleft. *Pet.* 3. *Styles.* 6. *Caps.* 6-  
celled, many-seeded, inferior.  
*Empetrum nigrum.*  
*Silene Otites.* *Lychmis dioica.*

## ORDER XI. ICOSANDRIA.

*Stamina* numerous, inserted in the calyx.  
*Rubus Chamaemorus.*

## ORDER XII. POLYANDRIA.

*Stamina* numerous, inserted in the receptacle.  
*Stratiotes aloides.* *Populus nigra.*

## ORDER XIII. MONADELPHIA.

*Filaments* coalescing below into one body.

421. JUNIPERUS. M. *Cal.* scales of an ament. *Cor.* 0. *Stam.* 3.  
Fem. *Cal.* scales of an ament, fewer, at length fleshy;  
united into a *Berry* with 3 *Seeds*.
422. TAXUS. M. *Cal.* 0. *Cor.* 0. *Stam.* numerous. *Anth.* peltate,  
8-cleft.  
Fem. *Cal.* pitcher-shaped, very entire. *Style* 0. *Seed* 1.  
standing on the berried calyx.  
*Salix fissa, rubra?* and *Croweana.*

## CLASS XXIII. POLYGAMIA.

## ORDER I. MONOECIA.

*Flowers hermaphrodite, and male or female on the same plant.*

423. *ATHRIPEX*. Herm. Cal. 5 parted, inferior. Cor. 0. Stam. 5.  
 Style 2-parted. Seed 1, depressed.  
 Fem. Cal. 2-leaved. Cor. 0, Style 2-parted. Seed  
 1, compressed.

## CLASS XXIV. CRYPTOGAMIA FILICES.

*Fructification in spikes.*

424. *EQUISETUM*. Calkin ovate, with peltate valves opening inwards.  
 Seeds numerous, naked.  
 425. *OPHIOCLOSSUM*. Spike jointed. Fruct. opening horizontally all  
 round.  
 426. *OSMUNDA*. Spike branched. Fruct. 2-valved, naked.  
 427. *LYCOPodium*. Spikes oblong, imbricated. Fruct. axillary, reni-  
 form, 2-valved, elastic.

*Fructification on Fronds.*

428. *POLYPODIUM*. Fruit in distinct circular dots on the disk of the  
 pinnæ. Invol. none.  
 429. *ASPIDIUM*. Fruit in roundish dots on the margin of the leaflets.  
 Invol. targeted.  
 430. *ASPLENIUM*. Fruit in small lines scattered on the disk.  
 431. *SCOLOPENDRIUM*. Fruct. in lines, dispersed between the veins of  
 the frond. Invol. superficial, the edges folding over  
 each other.  
 432. *BLECHNUM*. Fruct. in lines parallel to the spine of the leaflet and  
 placed near to it.  
 433. *PTERIS*. Fruct. in lines along the circumference of the frond, and  
 curved by the reflexed margin.  
 434. *ADIANTUM*. Fruct. in distinct dots along the circumference of the  
 frond.  
 435. *CYATHEA*. Fruct. in roundish dots, scattered. Invol. hemispherical.  
 436. *HYMENOPHYLLUM*. Fruct. solitary, placed on the margin of the  
 frond. Invol. bivalved.  
*Fructification on or near the roots.*  
 437. *PILULARIA*. Fruct. on a round receptacle, 4-celled.  
 438. *ISOETES*. Fruct. male within the base of the inner leaves, Fem.  
 within the base of the inner leaves. Seeds angular,  
 rough.

CLASS XVII. CONTINUED.

171. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
172. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
173. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
174. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
175. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)

CLASS XVIII. CONTINUED.

176. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
177. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
178. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
179. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
180. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
181. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
182. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
183. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
184. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
185. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
186. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
187. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
188. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
189. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
190. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
191. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
192. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
193. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
194. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
195. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
196. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
197. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
198. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
199. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)  
200. *Asplenium platyneuron*, L. Sp. Pl. 1: 437. t. 130. f. 2. (1788)

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