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THE

D.S.S.

# Student's Catalogue

OF

# BRITISH PLANTS.

ARRANGED ACCORDING TO

THE STUDENT'S FLORA OF THE  
BRITISH ISLES,

BY

SIR J. D. HOOKER, K.C.S.I., C.B., &c.

COMPILED BY

REV. GEORGE HENSLOW, M.A., F.L.S., &c.

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THE  
STUDENT'S CATALOGUE OF BRITISH PLANTS.

CLASS I. DICOTYLEDONES.

SUB-CLASS I. ANGIOSPERMÆ.

DIVISION I. POLYPETALÆ.

ORDER I. RANUNCULACEÆ.

TRIBE I. CLEMATIDÆ.

1. CLEMATIS, L. TRAVELLER'S JOY.

1. *Vitalba*, L. *Old Man's Beard*.

TRIBE II. ANEMONEÆ.

2. THALICTRUM, L. MEADOW-RUE.

× 1. *alpinum*, L.

✓ 2. *minus*, L.

Sub-sp. *MINUS* proper.—VAR. 1, *maritimum*.—VAR. 2, *montanum*, Wallroth (sp.); *calcareum*, Jord.

Sub-sp. *MAJUS*, Jacq; *minus*, L. Herb.; × *flexuosum*, Bernh.

Sub-sp. *KOCHII*, Fries (sp.).

Sub-sp. *SAXATILE*, Schleich (sp.).

× 3. *flavum*, L.—VAR. 1, *sphaerocarpum*, Bosw.—VAR. 2, *riparium*, Jord. (sp.).—VAR. 3, *Morisonii*, Gmel. (sp.).

3. ANEMONE, L.

✓ 1. *Pulsatilla*, L. *Pasque-flower*.

× 2. *nemorosa*, L. *Wood Anemone*.

3. *APENNINA*, L.

3\*. ADONIS, L. PHEASANT'S EYE.

✓ 1. *AUTUMNALIS*, L.

4. MYOSURUS, L. MOUSE-TAIL.

× 1. *minimus*, L.

TRIBE III. RANUNCULÆ.

5. RANUNCULUS, L. BUTTERCUP, CROWFOOT.

SECTION 1. *Batrachium*.

× 1. *aquatilis*, L.

Sub-sp. *HETEROPHYLLUS*, Auct. (sp.).—

VAR. 1, *pellatus*, Fries (sp.).—VAR. 2,

*fissifolius*, Schrank.—VAR. 3, *floribundus*, Bab. (sp.).—VAR. 4, *confusus*, Godron (sp.).—VAR. 5, *Baudotii*, Godron (sp.).—Aquat: var. *Symeii*, Hook. and Arn.—VAR. 6, *heterophyllus*, proper, Fries (sp.).—VAR. 7, *pseudo-fruitans*, Bosw. (sp.); *penicillatus*, VAR. *rivulare*, Schur.

Sub-sp. *PANTOTHRIX*, Broteri (sp. in part).

VAR. 1, *Drouctii*, Schultz (sp.).—VAR.

× 2, *trichophyllus*, Chaix (sp.).—VAR. *Godronii*, Gren. (sp.)

Sub-sp. *CIRCINATUS*, Sibthorp, (sp.); *divaricatus*, Schrank.

Sub-sp. *FLUITANS*, Lamk. (sp.); *Bachii*, Wirtg.

Sub-sp. *TRIPARTITUS*, DC. (sp.).

2. *Lenormandi*, Schultz; *cenosus*, Gren and Godr.

~ 3. *hederaceus*, L.; *cenosus*, Gussone. *Ivy-leaved Ranunculus*.

SECTION 2. *Hecatonia*.

× 4. *Lingua*, L. *Spear-wort*.

× 5. *Flammula*, *Lesser Spear-wort*.

Sub-sp. *FLAMMULA* proper.

Sub-sp. *REPTANS*, L. (sp.).

6. *ophioglossifolius*, Villars.

7. *auricomus*, L. *Goldilocks*. (VAR. *depauperatus*.)

✓ 8. *sceleratus*, L.

~ 9. *acris*, L.—VAR. 1, *vulgatus*, Jord. (sp.).—VAR. 2, *Borceanus*, Jord. (sp.).—VAR. 3, *tomophyllus*, Jord. (sp.).

10. *repens*, L.

✓ 11. *bulbosus*, L.

12. *chærophyllus*, L.

SECTION 3. *Echinella*.

13. *hirsutus*, Curtis; *Philonotis*, Ehr.

×14. *arvensis*, L. \*

15. *parviflorus*, L.

SECTION 4. *Ficaria*, *Dillen*. (gen.)

×16. *Ficaria*, L.; *Lesser Celandine*. —  
VAR. 1, *divergens*, F. Schultz — VAR. 2,  
*incumbens*, F. Schultz.

TRIBE IV. **HELTEVOREÆ.**

6. **CALTHA**, L. MARSH MARIGOLD.

× 1. *palustris*, L. \*

Sub-sp. *PALUSTRIS* proper; VAR. 1, *vul-*  
*garis*, Schott (sp.). — VAR. 2, *Guerangerii*,  
Boreau (sp.). — VAR. 3, *minor*, Bosw.  
Sub-sp. *RADICANS*, *Forster* (sp.).

7. **TROLLIUS**, L. GLOBE-FLOWER.

× 1. *europæus*, L. . . \*

8. **HELLEBORUS**, L. HELLEBORE.

×1. *viridis*, L. \*

×2 *foetidus*, L. \*

8\*. **ERANTHIS**, *Salisbury*. WINTER  
ACONITE.

1. *HYEMALIS*, *Salisb*.

9. **AQUILEGIA**, L. COLUMBINE.

× 1. *vulgaris*, L. \*

9\* **DELPHINIUM**, L. LARKSPUR.

1. *AJACIS*, *Reich*. *D. Consolida*, *Brit.*  
*Fl.*

9\*\* **ACONITUM**, L. MONKSHOOD,  
WOLFSBANE.

- 1. *NAPELLUS*, L. \*

10. **ACTÆA**, L. BANE-BERRY.

×1. *spicata*, L. \*

ORDER II. **BERBERIDEÆ.**

1. **BERBERIS**, L. BARBERRY.

×1. *vulgaris*, L. \*

ORDER III. **NYMPHÆACEÆ.**

1. **NUPHAR**, *Smith*. YELLOW WATER-  
LILY.

× 1. *luteum*, L.; VAR. 1, *majus*, Bosw.  
— VAR. 2, *minus*, Bosw.

2. *pumilum*, *Smith*.

2. **NYMPHÆA**, L. WHITE WATER-  
LILY.

×1. *alba*, L. \*

ORDER IV. **PAPAVERACEÆ.**

1. **PAPAVÉR**, L. POPPY.

× 1. *hybridum*, L. \*

× 2. *Argemone*, L. \*

3. *dubium*, L.

Sub-sp. *LAMOTTEI*, *Boreau* (sp.).

Sub-sp. *LECOQUII*, *Lamotte* (sp.).

× 4. *Rhœas*, L. . \*

× *SOMNIFERUM*, L. *Opium Poppy*. \*

2. **MECONOPSIS**, *Viguier*. WELSH  
POPPY.

× 1. *cambrica*, *Vig*. \*

3. **CHELIDONIUM**, L. CELANDINE.

× 1. *majus*, L. . \*

4. **GLAUCIUM**, *Juss*. HORNED POPPY.

× 1. *luteum*, L. \*

5. **ROEMERIA**, *DC*.

1. *hybrida*, *DC*; *Gl. violaceum*, *Juss*.

ORDER V. **FUMARIACEÆ.**

1. **FUMARIA**, L. FUMITORY.

× 1. *capreolata*, L. . \*

Sub-sp. *PALLIDIFLORA*, *Jord*. (sp.).

Sub-sp. *BORÆI*, *Jord*. (sp.).

Sub-sp. *CONFUSA*, *Jord*. (sp.); *agraria*,  
*Mitten*.

Sub-sp. *MURALIS*, *Sonder*.

2. *officinalis*, L. . . \*

× 3. *densiflora*, *DC*; *calycina*, *Bab.*  
*micrantha*, *Lagasca*.

4. *parviflora*, *Lamk*.; *tenuisecta*, *Bosw*.

Sub-sp. *parviflora* proper.

Sub-sp. *VAILLANTII*, *Loisel*, (sp.).

2. **CORYDALIS**, *DC*.

× 1. *claviculata*, *DC*. \*

× *LUTEA*, *DC*. \*

*SOLIDA*, *Hook*.; *bulbosa*, *DC*.

ORDER VI. **CRUCIFERÆ.**

TRIBE I. **ARABIDEÆ.**

1. **MATTHIOLA**, *Br*. STOCK.

1. *incana*, *Br*.

× 2. *sinuata*, *Br*. \*

1\* **CHEIRANTHUS**, L. WALLFLOWER

× *CHEIRI*, L. . \*



OF BRITISH PLANTS.

2. **NASTURTIUM**, *Br*

- 1. *officinale*, *Br.*; *Watercress*.—**VAR.**  
1. *officinale* *proper*.—**VAR.** 2, *siifolium*,  
*Reich*, (sp.).
- 2. *sylvestre*, *Br.*
- 3. *palustre*, *DC.*; *terrestre*, *Sm.*
- 4. *amphibium*, *Br.*; *Armoracia*, *Koch.*

3. **BARBAREA**, *Br.* WINTER-CRESS,

- 1. *vulgaris*, *Br.*

Sub-sp. **VULGARIS** *proper*.

Sub-sp. **ARCUATA**, *Reich.*

Sub-sp. **STRICTA**, *Andrz.* (sp.).

Sub-sp. **INTERMEDIA**, *Borcut* (sp.).

✓ **PRÆCOX**, *Br.* *American Cress.*

4. **ARABIS**, *L.* ROCK-CRESS.

- ✓ 1. *petræa*, *Lamk.*; *hispida*, *L.* *Cardamine hastulata*, *Sm.*
- 2. *stricta*, *Huds.*
- 3. *ciliata*, *Br.*—**VAR.** 1, *ciliata* *proper*.  
**VAR.** 2, *hispida*, *Bosw.*
- 4. *hirsuta*, *Br.*; *sagittata*, *D.C.*; *Turritis hirsuta*, *L.*—**VAR.** 1, *hirsuta* *proper*.—**VAR.** 2, *glabrata*, *Bosw.*
- ✓ 5. *perfoliata*, *Lamk.*; *Turritis glabra*,  
*L.*  
*TURBITA*, *L.*

5. **CARDAMINE**, *L.* BITTER-CRESS.

- 1. *hirsuta*, *L.*
- Sub-sp. **HIRSUTA** *proper*.
- Sub-sp. **FLEXUOSA**, *Withering* (sp.); *sylvatica*, *Link.*
- 2. *pratensis*, *L.* *Lady's Smock*, *Cuckoo-flower*.
- 3. *amara*, *L.*
- 4. *impatiens*, *L.*

6. **DENTARIA**, *L.* CORAL-ROOT.

- 1. *bulbifera*, *L.*

TRIBE II. **SISYMBRIÆ.**

7. **SISYMBRIUM**, *L.* HEDGE-MUSTARD.

- 1. *Thaliana*, *Hook.* *Thale-cress*.
  - 2. *Irio*, *L.* *London Rocket*.
  - 3. *Sophia*, *L.* *Flixweed*.
  - 4. *officinale*, *L.* *Hedge-mustard*.
  - 5. *Alliaria*, *Scopoli*; *Garlic-mustard*.  
*Erysimum*, *L.*; *Alliaria*, *Andrz.*
- POLYCRATIUM**, *L.*

8. **ERYSIMUM**, *L.* TREA-CLE-MUSTARD.

- 1. *cheiranthoides*, *L.*

8\*. **HESPERIS**, *L.* DAME'S VIOLET.  
**MATRONALIS**, *L.*

TRIBE III. **BRASSICÆ.**

9. **BRASSICA**, *L.* CABBAGE, &c.

SECTION 1. *Brassica* *proper*.

- 1. *oleracea*, *L.* *Wild Cabbage*.
  - 2. *campestris*, *L.*; *polymorpha*, *Bosw.*
- Sub-sp. 1. **CAMPESTRIS** *proper*, (*Linn Herb.*)  
—**VAR.** 1, *oleifera*, *DC.* (yields rape and colza).—**VAR.** 2, *Napo-brassica*, *DC.*  
*Rutabaga*, *DC.*—(*Swedish Turnip*).

Sub-sp. 2. **RAPA**, *L.* (sp.); **VAR.** 1, *rapifera*,  
*Koch* (*turnip*).—**VAR.** 2, *campestris*, *Koch.*  
—**VAR.** 3, *sylvestris*, *Lond. Cat.* (*navew*).

3. *monensis*, *Huds.*

Sub-sp. **MONENSIS** *proper*.

Sub-sp. **CHEIRANTHUS**, *Villars* (sp.).

SECTION 2. *Sinapis*, *L.* (Gen.).

- 4. *nigra*, *Koch.* *Black Mustard*.
- 5. *adpressa*, *Boiss*; *Sinapis incana*, *L.*
- 6. *Sinapistrum*, *Boiss.*; *Sinapis arvensis*, *L.* *Charlock*.
- 7. *alba*, *Boiss*; *Sinapis*, *L.* *White mustard*.

10. **DIPLTAXIS**, *DC.* ROCKET.

- 1. *muralis*, *DC.*; *Sisymbrium*, *L.*  
*Brassica brevipes*, *Bosw.*
- Sub-sp. **MURALIS** *proper*.—**VAR.** 1, *muralis* *proper*.—**VAR.** 2, *Babingtonii*, *Bosw.*
- 2. *tenuifolia*, *DC.* *Sisymbrium*, *L.*;  
*Sinapis*, *Sm.*; *Brassica*, *Boiss.*

TRIBE IV. **ALYSSINÆ.**

11. **DRABA**, *L.* WHITLOW-GRASS.

- 1. *aizoides*, *L.*
- 2. *rupestris*, *Br.*
- 3. *incana*, *L.*; *confusa*, *Ehrh.*
- 4. *muralis*, *L.*

12. **EROPHILA**, *DC.* VERNAL WHITLOW-GRASS.

- 1. *verna*, *L.*
- Sub-sp. **VERNA** *proper*.  
Sub-sp. **BRACHYCARPA**, *Jord.* (sp.).  
Sub-sp. **INFLATA**, *Watson*; *Draba verna*,  
*b.* *Hook.*

12\*. *ALYSSUM*, L.

CALYGINUM, L.  
MARITIMUM, L.; *Königa*, Br.; *Lobularia*, Desv.; *Glyce*, Lindl.

## 13. COCHLEARIA, L. SCURVY-GRASS.

1. officinalis, L.; *polymorpha*, Bosw.

Sub-sp. OFFICINALIS proper; VAR. *littoralis*, Lond. Cat.

Sub-sp. ALPINA, *Watson*; *grænlandica*, Sm.

Sub-sp. DANICA, L. (sp.).

2. anglica, L.; —VAR. 1. *gemina*, Hort; —VAR. 2, *Hortii*, Bosw.

ARMORACIA, L. *Horse-radish*.

## TRIBE V. CAMELINEÆ.

## 13\*. CAMELINA, Crantz. GOLD OF PLEASURE.

SATIVA, L.

## 14. SUBULARIA, L. AWL-WORT.

1. aquatica, L.

## TRIBE VI. LEPIDINEÆ.

## 15. CAPSELLA, Manch. SHEPHERD'S PURSE.

1. Bursa-Pastoris, DC.

## 16. SENEBIERA, DC. WART-CRESS.

1. Coronopus, *Poiret*; *C. Ruellii*, Gaert.

2. DIDYMA, *Persoon*; *Coronopus*, Sm.

## 17. LEPIDIUM, L. CRESS.

SECTION 1. *Nasturtiastrum*, *Gren.* and *Godr.*

1. latifolium, L. *Dittander*.

2. ruderale, L.

SECTION 2. *Lepia*, DC.

3. campestre, Br. *Pepperwort*.

4. *Smithii*, *Hook*; *hirtum*, Sm. in part.

SECTION 3. *Cardaria*, DC.

DRABA, L.

## TRIBE VII. THLASPIDÆ.

## 8. THLASPI, L. PENNY CRESS.

1. arvense, L.; *Mithridate Mustard*.

2. perfoliatum, L.

3. alpestre, L.

Sub-sp. SYLVESTRE, *Jord.* (sp.).

Sub-sp. OCCITANUM, *Jord.* (sp.).

Sub-sp. VIRENS, *Jord.* (sp.).

## 19. IBERIS, L. CANDY-TUFT.

1. amara, L.

## 20. TEESDALIA, Br.

1. nudicaulis, Br.

## 21. HUTCHINSIA, Br.

1. petræa, Br.

## TRIBE VIII. ISATIDÆ.

21\*. ISATIS, L. WOAD.

TINCTORIA, L.

## TRIBE IX. CAKILINEÆ.

## 22. CRAMBE, L. SEA-KALE.

1. maritima, L.

## 23. CAKILE, Gaertn. SEA ROCKET.

1. maritima, L.

## TRIBE X. RAPHANÆ.

## 24. RAPHANUS, L. RADISH.

1. Raphanistrum, L. *Wild Radish*.

2. maritimus, L.

## ORDER VII. RESEDACEÆ.

## 1. RESEDA, L. MIGNONETTE.

1. Luteola, L. *Dyer's Weed*, *Weld*.

2. lutea, L.

ALBA, L.; *suffruticulosa*, L., and *fruticulosa*, L.

## ORDER VIII. CISTINEÆ.

## 1. HELIANTHEMUM, Tourn. ROCK-ROSE.

SECTION 1. *Helianthemum* proper.

1. vulgare, Gaertn. *Surrejanum*, Eng. Bot.; *Cistus tomentosus*, Sm.

2. polifolium, Pers.

SECTION 2. *Tuberaria*.

3. guttatum, Miller.

Sub-sp. GUTTATUM proper.

Sub-sp. BREWERI, *Planchon* (sp.).

SECTION 3. *Pseudo-cistus*.

4. canum, *Dunal*; *Cistus marifolius*, and *C. anglicus*, L. —VAR. 1, *canum* proper. —VAR. 2, *vineale*, Pers. (sp.)

## ORDER IX. VIOLACEÆ.

1. VIOLA, L. VIOLET, PANSY,  
HEARTSEASE.

## SECTION 1. Nominium.

1. palustris, L.
2. odorata, L. Sweet Violet.—VAR 1, permixta, Jord. (sp.).—VAR. 2, sepicola, Jord. (sp.).
3. hirta, L.;—VAR. 1, calcarea, Bab.
4. canina, L. Dog-violet.

Sub-sp. CANINA proper; flavicornis, Sm.; pumila, Hook and Arn.

Sub-sp. LACTEA, Sm. (sp.).

Sub-sp. STAGNINA, Kitaib. (sp.).

Sub-sp. SYLVATICA, Fries (sp.).—VAR. 1, Riviniana, Reich. (sp.).—VAR. 2, Reich-  
enbachiana, Boreau (sp.).

Sub-sp. ARENARIA, DC. (sp.).

## SECTION 2. Melanium.

5. tricolor, L. Heartsease or Pansy.

Sub-sp. TRICOLOR proper.

Sub-sp. ARVENSIS, Murray (sp.).

Sub-sp. CURTISII, Forster (sp.); sabulosa Boreau.—VARS. Mackenzii, Symei and Forsteri.

Sub-sp. LUTEA, Huds, (sp.);—VAR. amana.

## ORDER X. POLYGALÆÆ.

## 1. POLYGALA, L. MILKWORT.

1. vulgaris, L.

Sub-sp. VULGARIS proper.—VAR. 1;—VAR. 2, grandiflora, Bosw.

Sub-sp. OXYPTERA, Reich. (sp.);—VAR. ciliata.

Sub-sp. DEPRESSA, Wenderoth (sp.).

2. calcarea, F. Schultz; amara, Don.

- 3 amara, L.; uliginosa, Fries.; austriaca, Crantz.

## ORDER XI. FRANKENIACÆÆ.

## 1. FRANKENIA, L. SEA-HEATH.

1. lævis, L.

## ORDER XII. CARYOPHYLLÆÆ.

## TRIBE I. SILENEÆÆ.

## 1. DIANTHUS. PINK and CARNATION.

1. Armeria, L. Deptford Pink.
2. prolifer, L.

3. deltoides, L. Maiden Pink;—VAR. 1, deltoides proper.—VAR. 2, glaucus, L. (sp.).

4. cæsius, Sm. Cheddar Pink.

CARYOPHYLLUS, L. Wild Carnation,  
Clove Pink.

PLUMARIUS, L. Wild Pink.

## 1\*. SAPONARIA, L. SOAPWORT, FULLER'S HERB.

1. OFFICINALIS, L. VAR. hybrida, L.

## 2. SILENE, L. CATCHFLY.

1. inflata, Sm.; Cucubalus Behen, L. VAR. puberula,

2. maritima, L.

3. conica, L.

4. anglica, L.;—VAR. 1, gallica, Koch (sp.).—VAR. 2, quinquevulvera, L. (sp.).

5. acaulis, L. Moss Campion.

6. Otites, L.

7. nutans, L. Nottingham Catchfly.

8. noctiflora, L.

## 3. LYCHNIS, L. CAMPION.

1. Flos-cuculi, L. Ragged Robin.

2. Viscaria, L.

3. alpina, L.

4. diurna, Sibth., dioica a, L. Red Campion.

5. vespertina, Sibth; White Campion; dioica b, L.

4. GITHAGO, Desfontaines. CORN-  
COCKLE.

1. segetum, Desf; Agrostemma Githago, L.

## TRIBE II. ALSINEÆÆ.

## 5. HOLOSTEUM, L.

1. umbellatum, L.

6. CERASTIUM, L. MOUSE-EAR  
CHICKWEED.

SECTION 1. Mœnchia, Ehr. (gen.).

1. quaternellum, Fenzl; Mœnchia erecta, Ehr.

## SECTION 2. Cerastium proper.

2. tetrandrum, Curtis; atrovirens and pedunculatum, Bab.—VAR. pumilum, Curtis (sp.); glutinosum, Fries.

3. semidecandrum, L.

4. glomeratum, Thuillier; vulgatum, L. and viscosum, L. in part.

5. *triviale*, Link; *viscosum* L. of Hook. and Arn.—VAR. 1, *triviale* proper.—VAR. 2, *holosteoides*, Fries (sp.).—VAR. 3, *pentandrum*.—VAR. 4, *alpestre* Lond. Cat. (*alpinum*, Koch).

6. *arvense*, L.; VAR. 1, *pubescens*, Syme.—VAR. 2, *Andrewsii*, Syme.

7. *alpinum*, L.—VAR. 1, *lanatum*, Lamk. (sp.).—VAR. 2, *pubescens*.

8. *latifolium*, Sm. VAR. 1, *Smithii*; *latifolium*, Sm. VAR. 2, *compactum*, Syme.—VAR. 3, *Edmondstonei*, Watson (var. *nigrescens*, Syme).

9. *trigynum*, Villars; *Stellaria cerasoides*, L.

### 7. STELLARIA, L. Stitchwort.

#### SECTION 1. *Malachium*, Fries (gen.).

1. *aquatica*, Scopoli; *Cerastium aquaticum*, L.

#### SECTION 2. *Stellaria* proper.

2. *nemorum*, L.

3. *media*, L. Chickweed. VAR. 1, *media* proper.—VAR. 2, *Borœana*, Jord. (sp.).—VAR. 3, *neglecta*, Weihe (sp.).—VAR. 4, *umbrosa*, Opitz (sp.).

4. *Holostea*, L.

#### SECTION 3. *Larabrea*, St. Hilaire (gen.).

5. *glauca*, Withering.

6. *graminea*, L.; *scapigera*, Willd.

7. *uliginosa*, L.

### 8. ARENARIA, L. SANDWORT.

#### SECTION 1. *Alsine*, Wahl. (gen.).

1. *verna*, L. VAR. 1, *verna* proper.—VAR. 2, *Gerardi*, Willd. (sp.?).

2. *rubella*, Hook.

3. *uliginosa*, Schleich.; *Spergula stricta*, Swartz; *Alsine stricta*, Wahl.

4. *tenuifolia*, L. VAR. 1, *tenuifolia* proper.—VAR. 2, *laxa*, Jord. (sp.).—VAR. 3, *hybrida*; *b viscoza*, Bab.

#### SECTION 2. *Arenaria* proper.

5. *trinervis*, L. *Mœhringia*, Clairv.

6. *serpyllifolia*, L. VAR. 1, *sphærocarpa*, Tenore (sp.).—VAR. 2, *Lloydii*, Jord.—VAR. 3, *leptocladus*, Gussone (sp.).

7. *ciliata*, L.

8. *norvegica*, Gunner.

#### SECTION 3. *Ammodenia*, Gmel. (gen.); *Honckenya*, Ehr.

9. *peploides*, L. *Sea Purslane*.

#### SECTION 4. *Cherleria*, L. (gen.).

10. *Cherleria*, Fenzl (sub *Alsine*).

### 9. SAGINA, L. PEARL-WORT.

1. *apetala*, L.

Sub-sp. *APETALA* proper.

Sub-sp. *CILIATA*, Fries (sp.).

Sub-sp. *MARITIMA*, Don (sp.).—VAR. 1, *maritima* proper.—VAR. 2, *debilis*, Jord. (sp.).—VAR. 3, *densa*, Jord. (sp.).—VAR.

4. *alpina*, Syme.

2. *procumbens*, L.

3. *saxatilis*, Wimmer; *Linnæi*, Presl; *Spergula saginoides*, Sm.

4. *nivalis*, Fries.

5. *subulata*, Wimmer; *Spergula*, Swartz.

6. *nodosa*, L.; *Spergula*, L. *Knotted Spurrey*.

### 10. SPERGULA, L. SPURREY.

1. *arvensis*, L.

### 11. SPERGULARIA, Persoon. SANDWORT-SPURREY.

1. *rubra*, St. Hilaire.

2. *marina*, Cambessedes.

Sub-sp. *MARINA* proper; *Alsine marina*, Wahlb; *Arenaria media*, L.; *A. marginata*, DC.

Sub-sp. *NEGLECTA*, Bosw.—VAR. 1, *neglecta* proper.—VAR. 2, *salina*, Presl (sp.).—VAR. 3, *media*, Fries (sp.).

Sub-sp. *RUPESTRIS*, Lond. Cat.

### TRIBE III. POLYCARPÆ.

### 12. POLYCARPON; L.

1. *tetraphyllum*, L.

### ORDER XIII. PORTULACÆ.

#### 1. MONTIA, L. BLINKS.

1. *fontana*, L.; VAR. 1, *minor* Gmelia (sp.).—VAR. 2, *rivularis* Gmel. (sp.).

#### 1\* CLAYTONIA, L.

1. *PERFOLIATA*, Don.

2. *ALSINOIDES*, Sims.

## ORDER XIV. PARONYCHIEÆ.

1. **CORRIGIOLA**, *L.* STRAPWORT.
  1. *littoralis*, *L.*
2. **HERNIARIA**, *L.* RAPTUREWORT.
  1. *glabra*, *L.* VAR. *ciliata*, Bab. (sp.).
3. **ILLECEBRUM**, *L.*
  1. *verticillatum*, *L.*
4. **SCLERANTHUS**, *L.* KNAWEI.
  1. *annuus*, *L.* VAR. 1, *annuus*, proper. —VAR. 2, *biennis*, Reuter (sp.).
  2. *perennis*, *L.*

## ORDER XIV\*. TAMARISCINEÆ.

- TAMARIX**, *L.* TAMARISK.  
*GALLICA*, *L.*

## ORDER XV. ELATINEÆ.

1. **ELATINE**, *L.* WATERWORT.
  1. *hexandra*, DC.; *tripetala*, Sm;
  2. *Hydropiper*, *L.*

## ORDER XVI. HYPERICINEÆ.

1. **HYPERICUM**, *L.* St JOHN'S WORT.

## SECTION 1.

1. **Androsæmum**, *L.* *Tutsan*.  
*CALYCINUM*, *L.*

## SECTION 2.

2. *perforatum*, *L.*
  3. *quadrangulum*, *L.*
- Sub-sp. **DUBIUM**, *Leers* (sp.).  
Sub-sp. **TETRAPTERUM**, *Fries* (sp.).  
Sub-sp. **UNDULATUM**, *Schousb.* (sp.);  
*bæticum*, Boiss.
4. *humifusum*, *L.*
  5. *linarifolium*, *Vahl*, DC., &c.
  6. *pulchrum*, *L.*
  7. *hirsutum*, *L.*
  8. *montanum*, *L.*

## SECTION 3.

9. *elodes*, *L.*

## ORDER XVII. MALVACEÆ.

1. **ALTHÆA**, *L.* MARSH-MALLOW.
  1. *officinalis*, *L.* *Guimauve*.  
*HIRSUTA*, *L.*
2. **MALVA**, *L.* MALLOW.
  1. *sylvestris*, *L.* *Common Mallow*.
  2. *rotundifolia*, *L.*
  3. *moschata*, *L.* *Musk Mallow*.
3. **LAVATERA**, *L.* TREE-MALLOW.
  1. *arborea*, *L.*

## ORDER XVIII. TILIACEÆ.

1. **TILIA**, *L.* LIME-TREE OF LINDEN.
  1. *parviflora*, *L.*  
*INTERMEDIA*, DC. *Common Lime*.  
*GRANDIFOLIA*, *Ehrhart*; VAR. *corallina*. *Large-leaved Lime*.

## ORDER XIX. LINEÆ.

1. **LINUM**, *L.* FLAX.
  1. *catharticum*, *L.* *Purging Flax*.
  2. *perenne*, *L.*
  3. *augustifolium*, *L.*  
*USITATISSIMUM*, *L.* *Common Flax*.
2. **RADIOLA**, Gmelin. ALL-SEED.
  1. *Millegrana*, Sm.

ORDER XX. GERANIACEÆ  
(including OXALIDEÆ and BALSAMINEÆ.)

## TRIBE 1. GERANIEÆ.

1. **GERANIUM**, *L.* CRANE'S-BILL.
  1. *sanguineum*, *L.*
  2. *sylvaticum*, *L.*
  3. *pratense*, *L.*
  4. *pyrenaicum*, *L.*  
*PHÆUM*, *L.*
  5. *molle*, *L.*
  6. *rotundifolium*, *L.*
  7. *pusillum*, *L.*
  8. *columbinum*, *L.*
  9. *dissectum*, *L.*

10. **Robertianum**, *L.* *Herb-Robert*.—VAR. 1, *Robertianum* proper.—VAR. 2, *Raii*, Lindl. (sp.); *modestum*, Jord.—VAR. 3, *purpureum* Jord. (sp.).

11. **lucidum**, *L.*

2. **ERODIUM**, *L'Héritier.* STORK'S-BILL.

1. **cicutarium**, *L.*—VAR. 1, *vulgatum*, Bosw.—VAR. 2, *charophyllum*, DC. (sp.).

2. **maritimum**, *L.*

3. **moschatum**, *L.*

TRIBE II. **OXALIDEÆ.**

3. **OXALIS**, *L.* WOOD-SORREL.

1. **Acetosella**, *L.* *Wood-sorrel*.  
**CORNICULATA**, *L.*  
**STRICTA**, *L.*

TRIBE III. **BALSAMINEÆ.**

4. **IMPATIENS**, *L.* BALSAM.

1. **Noli-me-tangere**, *L.* *Yellow Balsam*.  
**FULVA**, *Nuttall*.  
**PARVIFLORA**, DC.

ORDER XXI. **ILICINEÆ** or **AQUI-FOLIACEÆ.**

1. **ILEX**, *L.* HOLLY.

1. **Aquifolium**, *L.*

ORDER XXII. **EMPETRACEÆ.**

1. **EMPETRUM**, *L.* CROWBERRY.

1. **nigrum**, *L.*

ORDER XXIII. **CELASTRINEÆ.**

1. **EUONYMUS**, *L.* SPINDLE-TREE.

1. **europæus**, *L.*

ORDER XXIV. **RHAMNEÆ.**

1. **RHAMNUS**, *L.* BUCKTHORN.

1. **catharticus**, *L.*

2. **Frangula**, *L.* *Berry-bearing Alder*.

ORDER XXV. **SAPINDACEÆ**; *Tribe ACERINEÆ.*

1. **ACER**, *L.* MAPLE.

1. **campestre**, *L.* *Common or Small-leaved Maple*.

**PSEUDOPLATANUS**, *L.* *Great Maple*.  
*Sycamore*, *Plane* of Scotland.

ORDER XXVI. **LEGUMINOSÆ.**

Sub-order **PAPILIONACEÆ.**

TRIBE I. **GENISTEÆ.**

1. **GENISTA**, *L.*

1. **tinctoria**, *L.* *Dyer's Greenweed*.

2. **pilosa**, *L.*

3. **anglica**, *L.* *Needle Furze*.

2. **ULEX**, *L.* *FURZE*, *WHIN*, *GORSE*.

1. **europæus**, *L.* VAR. 1, *europæus* proper.—VAR. 2, *strictus*, Mackay (sp.). *Irish Furze*.

2. **nanus**, *Forster*.

Sub-sp. **NANUS** proper.

Sub-sp. **GALLII**, *Planchon* (sp.).

3. **CYTISUS**, *L.* BROOM.

1. **scoparius**, *Link*; *Spartium*, *L.*; *Sarothamnus*, *Koch*.

TRIBE II. **TRIFOLIEÆ.**

4. **ONONIS**, *L.* REST-HARROW.

1. **arvensis**, *L.*; *Wild Liquorice*.

2. **spinosa**, *L.*; *campestris*, *Koch*.  
**RECLINATA**, *L.*

5. **TRIGONELLA**, *L.* FENUGREEK.

1. **ornithopodioides**, *DC.*; *Trifolium*, *L.* *Aporanthus Trifoliumstrum*, *Bromfield*.

6. **MEDICAGO**, *L.* MEDICK.

1. **falcata**, *L.*

Sub-sp. **FALCATA** proper.

Sub-sp. **SYLVESTRIS**, *Fries* (sp.).

**SATIVA**, *L.* *Purple Medick*, *Lucern*.

2. **lupulina**, *L.* *Black Medick*,

3. **denticulata**, *Willd.* VAR. 1, *denticulata* proper.—VAR. 2, *apiculata* Willd. (sp.).—VAR. 3, *lappacea*, *Lamk.* (sp.).

4. **maculata**, *Sibthorp*.

5. **minima**, *L.*

7. **MELILOTUS**, *Tournefort.* MELILOT.

1. *officinalis*, L.
2. *alba*, Lamk ; *vulgaris* Willd ; *leucantha*, Koch. *White Melilot*.

ARVENSIS, Wallroth.

8. **TRIFOLIUM**, L. **TREFOIL**, CLOVER.

1. *subterraneum*, L.
  2. *arvense*, L. *Hare's-foot Trefoil*.
  3. *Bocconi*, Savi.
  4. *incarnatum*, L. *Crimson Clover*.
- Sub-sp. *incarnatum* proper.
- Sub-sp. **MOLINERII**, Balbis (sp.).
5. *ochroleucum*, L.
  6. *pratense*, L. *Red Clover*.
  7. *medium*, L. *Meadow Clover*.
  8. *maritimum*, Hudson.
  9. *striatum*, L.
  10. *scabrum*, L.
  11. *glomeratum*, L.
  12. *suffocatum*, L.
  13. *strictum*, L.

HYBRIDUM, L. *Alsike Clover*. VAR. 1, *hybridum* proper.—VAR. 2, *elegans*, Savi (sp.).

14. *repens*, L. *White or Dutch Clover*.
15. *fragiferum*, L.
16. *procumbens*, L. *agrarium*, Huds. *Hop Trefoil*.
17. *minus*, Sm. ; *procumbens*, Huds. ; *filiforme* of foreign authors.
18. *filiforme*, L.

TRIBE III. **LOTEÆ**.

9. **ANTHYLLIS**, L. **KIDNEY-VETCH**.

1. *Vulneraria*, L. VAR. 1, *Vulneraria* proper.—VAR. 2, *Dillenii*, Schultz. (sp.).

10. **LOTUS**, L. **BIRD'S-FOOT TREFOIL**.

1. *corniculatus*, L.
- Sub-sp. **CORNICULATUS**, proper. VAR. 1, *vulgaris*.—VAR. 2, *crassifolius*.—VAR. 3, *villosus*.
- Sub-sp. **TENUIS**, Kitaibel (sp.). ; *tenuifolius*, Reich. ; *decumbens*, Forst.
2. *major*, Scop.
  3. *angustissimus*, L.—VAR. 1, *diffusus*, Smith (sp.).—VAR. 2, *hispidus*, Desf. (sp.).

TRIBE VI. **GALEGEÆ**.

11. **ASTRAGALUS**, L. **MILK-VETCH**

1. *glycyphyllos*, L.
2. *hypoglottis*, L.
3. *alpinus*, L. ; *Phaca astragalina*, DC.

12. **OXYTROPIS**, DC.

1. *uralensis*, DC. ; *Halleri*, Bunge.
2. *campestris*, DC.

TRIBE V. **HEDYSARÆÆ**.

13. **ORNITHOPUS**, L. **BIRD'S-FOOT**.

1. *perpusillus*, L.
2. *ebracteatus*, Brot. ; *Arthrolobium ebracteatum*, DC.

14. **HIPPOCREPIS**, L. **HORSESHOE-VETCH**.

1. *comosa*, L.

15. **ONOBRYCHIS**, Tournefort. **SAINFOIN**.

1. *sativa*, Lamk.

TRIBE VI. **VICIEÆ**.

16. **VICIA**, L. **VETCH**, TARE.

SECTION 1. **Ervum**, L. (gen.).

1. *tetrasperma* Mæench.

Sub-sp. **TETRASPERMA** proper.

Sub-sp. **GRACILIS**, Loisel. (sp.).

2. *hirsuta*, Koch. *Common Tare*..

SECTION 2. **Cracca**.

3. *Cracca*, L.

4. *Orobus*, DC. ; *Orobus Sylvaticus*, L. *Bitter Vetch*.

5. *sylvatica*, L. *Wood-vetch*.

SECTION 3. **Vicia** proper.

6. *sepium*, L.

7. *lutea*, L.

Sub-sp. **LEVISATA**, Sm. (sp.).

8. *sativa*, L. *Vetch*.

Sub-sp. **SATIVA** proper.

Sub-sp. **ANGUSTIFOLIA**, Roth (sp.). VAR. 1, *segetalis*, Koch (sp.).—VAR. 2, *Bobartii*, Forst. (sp.). ; *angustifolia*, Sm.

9. *lathyroides*, L.

10. *bithynica*, L.—VAR. 1, *latifolia*, Bosw.—VAR. 2, *angustifolia*, Bosw.

d

17. **LATHYRUS**, *L.* EVERLASTING  
PEA.SECTION 1. **Aphaca**.

- 1.
- Aphaca**
- ,
- L.*

SECTION 2. **Nissolia**.

- 2.
- Nissolia**
- ,
- L.*

SECTION 3. **Lathyrus**, proper.

- 3.
- hirsutus**
- ,
- L.*

- 4.
- pratensis**
- ,
- L.*

TUBEROSUS, *L.*

- 5.
- sylvestris**
- ,
- L.*

- 6.
- palustris**
- ,
- L.*

- 7.
- maritimus**
- ,
- Bigelow*
- ;
- Pisum mari-  
timum*
- ,
- L.*
- VAR. 1,
- maritimus*
- proper.
- 
- VAR. 2,
- acutifolius*
- ,
- Bab.*

SECTION 4. **Orobus**, *L.*, (gen.).

- 8.
- macrorrhizus**
- ,
- Wimmer*
- ;
- Orobus*
- ,
- 
- L.*
- VAR. 1,
- macrorrhizus*
- proper;
- 
- Orobus tuberosus*
- ,
- L.*
- VAR. 2,
- tenui-  
folius*
- ,
- Roth.*
- (sp.).

- 9.
- niger**
- ,
- Wimmer*
- ;
- Orobus*
- ,
- L.*

ORDER XXVII. **ROSACEÆ.**TRIBE I. **PRUNÆÆ.**1. **PRUNUS**, *L.* PLUM and CHERRY.SECTION 1. **Prunus**, proper.

- 1.
- communis**
- ,
- Huds.*

Sub-sp. **SPINOSA**, *L.* (sp.). *Stoe*, *Black-  
thorn.*Sub-sp. **INSITITIA**, *L.* (sp.). *Bullace.*Sub-sp. **DOMESTICA**, *L.* (sp.). *Wild  
Plum.*SECTION 2. **Cerasus**.

- 2.
- Cerasus**
- ,
- L.*
- Wild Cherry*
- ;
- Dwarf  
Cherry.*

- 3.
- Avium**
- ,
- L.*
- Gean.*

SECTION 3. **Laurocerasus**.

- 3.
- Padus**
- ,
- L.*
- Bird Cherry.*

TRIBE II. **SPIRÆÆÆ.**2. **SPIRÆA**, *L.*

- 1.
- Ulmaria**
- ,
- L.*
- Meadow-sweet.*

- 2.
- Filipendula**
- ,
- L.*
- Dropwort.*

SALICIFOLIA, *L.*TRIBE III. **RUBEÆÆ.**3. **RUBUS**, *L.* BRAMBLE, RASPBERRY,  
&c.

- 1.
- Chamæmorus**
- ,
- L.*
- Cloudberry.*

- 2.
- saxatilis**
- ,
- L.*

- 3.
- Ideus**
- ,
- L.*
- Raspberry.*

- 4.
- fruticosus**
- ,
- L.*
- Blackberry, Bram-  
ble.*

Sub-sp. **SUBERECTUS**, *Anderson* (sp.);  
*umbrosus*, *Lees.*—VAR. *plicatus*, *W.* and  
*N.* (sp.).—VAR. *fissus*, *Lindl.*—VAR.  
*affinis*, *W.* and *N.* (sp.), (*lentiginosus*,  
*Lees*, a form).Sub-sp. **RHAMNIFOLIUS**, *W.* and *N.* (sp.).  
—VAR. *Lindleianus*, *Lees*; *nitidus*, *Bell  
Salter.*—VAR. *cordifolius*, *W.* and *N.*—  
VAR. *incurvatus*, *Bab.* (sp.).—VAR. *im-  
bricatus*, *Hort.*—VAR. *Grabowskii*,  
*Weibe.*—VAR. *Colemanni*, *Bloxam.*—  
VAR. *macrophyllus*, *var. glabratus*, *Bab.*  
—VAR. *ramosus*, *Blox.*Sub-sp. **CORYLIFOLIUS**, *Smith.* (sp.);  
*Subulstris*, *Lees*; *purpureus*, *Bab.*—VAR.  
*Balfourianus*, *Blox.* (sp.).—VAR. *althæi-  
folius*, *Bab.*—VAR. *latifolius*, *Bab.*—  
VAR. *Wahlbergii*, *Arrh.* (*conjugens*,  
*Bab.* a form).Sub-sp. **CÆSIUS**, *L.* (sp.). *Dewberry*,  
*tenuis*, *Bell Salter.*—VARS. *ulmifolius*,  
*intermedius*, *hispidus.* HYBRID (?  
*pseudo-ideus*, *Lejeune.*Sub-sp. **DISCOLOR**. *W.* and *N.*—VAR.  
*thyrsoides*, *Wimmer.*Sub-sp. **LEUCOSTACHYS**, *Smith* (sp.); *ves-  
titus*, *Weibe*; *Leightonianus*, *Bab.*Sub-sp. **VILICAULIS**, *Weibe* (sp.); *car-  
pinifolius*, *Bab*; *pampinosus*, *Lees*; *vul-  
garis*, *W.* and *N.*; *adscitus*, *Genev*;  
*devasus*, *Muell.*Sub-sp. **RUBEOLUS**, *Weibe* (sp.); *Salteri*,  
*Bab*; *calvatus*, *Blox.*Sub-sp. **UMBROSUS**, *Arrh.* (sp.); *macro-  
phyllus*. var. *umbrosus*, *Bab.*; *carpini-  
folius.*Sub-sp. **MACROPHYLLUS**, *Weibe* (sp.);  
*Schlechtendahlii*, *Weibe*; *amplificatus*,  
*Lees.*Sub-sp. **MUCRONULATUS**, *Boreau* (sp.);  
*mucronatus*, *Blox.*Sub-sp. **SPRENGELII**, *Weibe* (sp.); *Borreri*,  
*Salter*; *rubicolor*, *Blox.*Sub-sp. **DUMETORUM**, *Weibe* (sp.); *ne-  
morosus* of many; VARS. *tuberculatus*,  
*Bab*; *diversifolius*, *Lindl.*, *Bab.*; *con-  
cinnus*, *Baker.*Sub-sp. **RADULA**, *Weibe* (sp.).—VARS.  
*rudis*, *Weibe*, *Bab.*; *Leightoni*, *Lees*



*denticulatus*, Bab., *mutabilis*, Genev., *obliquus*, Wirtg.

Sub-sp. **BLOXAMI**, Lees (sp.); VARS. *scaber*, Weihe (*Babingtonii*, (Salter); *fuscater*, Weihe; *Briggsii*, Blox.

Sub-sp. **KOHLERI**, Weihe (sp.).—VAR. *infestus* Weihe.

Sub-sp. **HYSTRIX**, Weihe (sp.); VARS. *Lejeunii*, Weihe; *rosaceus*, Weihe.

Sub-sp. **PALLIDUS**, Weihe (sp.). VARS. *humifusus*, Weihe; *foliosus*, Weihe; *hirtus*, Weihe (*fuscus*, Lees); *pygmaeus*, Weihe and *Reuteri*, Merc.

Sub-sp. **GLANDULOSUS**, Bell (sp.); *Bellardi*, Weihe, (*dentatus*, Blox.); *rotundifolius*, Blox.

Sub-sp. **GUNTHERI**, Weihe, (sp.).

Sub-sp. **PYRAMIDALIS**, Bab. (sp.).

TRIBE IV. **POTENTILLEÆ.**

4. **DRYAS**, L.

1. *octopetala*, L. *depressa*, Bab.

5. **GEUM**, L. **AVENS.**

1. *urbanum*, L.

2. *rivale*, L. **HYBRID**, *intermedium*, Ehr.

6. **FRAGARIA**, L. **STRAWBERRY.**

1. *vesca*, L. *Wild Strawberry.*

*ELATIOR*, Ehr. *Haut-bois.*

7. **POTENTILLA**, L. **CINQUEFOIL.**

SECTION 1. **Trichothalamus**, Lehm. (gen.).

1. *fruticosa*, L.

SECTION 2. **Comarum**, L. (gen.).

2. *Comarum*, Nestl. *Comarum palustre*, L.

SECTION 3. **Sibbaldia**, L. (gen.).

3. *procumbens*, Clairv. *Sibbaldia procumbens*, L.

SECTION 4. **Potentilla** proper.

4. *Tormentilla*, Sibthorp. *Tormentilla officinalis*, Curtis. VAR. 1, *erecta*, L. (sp.); *sylvestris*, Necker.—VAR. 2, *procumbens*, Sibth. (sp.); *mixta*, Neck; *Tormentilla reptans*, L.

5. *reptans*, L. *memoralis*, Nestl.

6. *verna*, L.

7. *salisburgensis*, Haenke; *alpestris*, Hall, f.; *aurea*, Sm.; *maculata*, Pour.

8. *anserina*, L. *Silver Weed.*

9. **Fragariastrum**, Ehr. *Fragaria sterilis*, L.

10. *rupestris*, L.

11. *argentea*, L.

TRIBE V. **POTERIEÆ.**

8. **ALCHEMILLA**, L. **LADY'S MANTLE.**

SECTION 1. **Aphanes**, L.

1. *arvensis*, Lamk. *Aphanes*, L.

SECTION 2. **Alchemilla**, proper.

2. *vulgaris*, L. VAR. *montana*, Willd. (sp.); *hybrida*, Pers.

3. *alpina*, L. VAR. *conjuncta*, Bab. (sp.); *argentea*, Don.

9. **AGRIMONIA**, L. **AGRIMONY.**

1 *Eupatoria*, L.

Sub-sp. **EUPATORIA** proper.

Sub-sp. *ODORATA*, Mill. (sp.).

10. **POTERIUM**, L.

1. *Sanguisorba*, L. *Salad Burnet.*

*MURICATUM*, Spach.

2. *officinale*, Hook. f.; *Sanguisorba officinalis*, L. *Great Burnet.*

TRIBE VI. **ROSEÆ.**

11. **ROSA**, L. **ROSE.**

1. *spinossissima*, L.; *pimpinellifolia*, L. *Scotch Rose*, *Burnet Rose.*

2. *villosa*, L.

Sub-sp. **POMIFERA**, Herm. (sp.).

Sub-sp. **MOLLIS**, Sm. (sp.); *mollissima*, Willd, Sm.; *heterophylla*, Woods.—VAR.

1, *cœrulea*, Baker.—VAR. 2, *pseudorubiginosa*, Lejeune (sp.).

Sub-sp. **TOMENTOSA**, Sm. (sp.).—VAR.

1, *subglobosa* Sm. (sp.) (Sherardi, Davies). VAR. 2, *farinosa*, Raw. (sp.).—VAR. 3, *scabriuscula*, Sm. (sp.).—VAR. 4, *sylvestris*, Woods (*Jundzilliana*, Baker; *Britannica*, Deseg.).—VAR. 5, *obovata*, Baker.

3. *involuta*, Smith.—VAR. 1, *Sabini*, Woods (sp.); *gracilis*, Woods; *nivalis*, Don; *coronata*, Crep.—VAR. 2, *Doniana*, Woods (sp.).—VAR. 3, *gracilicens*, Baker.—VAR. 4, *Robertsoni*, Baker.—VAR. 5, *Smithii*, Baker; *involuta*, Sm.—VAR. 6, *lævigata*, Baker.—VAR. 7, *Moorei*, Baker.—VAR. 8, *occidentalis*, Baker.—VAR. 9, *Wilsoni*, Borrer (sp.).

4. *rubiginosa*, L.

Sub-sp. **RUBIGINOSA** proper; *Eglanteria*, Woods. *Sweet-briar*.—VAR. 1, *permixta*, Deseg. (sp.).—VAR. 2, *sylvicola*, Deseg. and Ripart. (A).

Sub-sp. *MICRANTHA*, *Smith* (sp.).—VAR. 1, *Briggsii*, *Baker*.—VAR. 2, *Hystrix*, *Leman* (sp.).

Sub-sp. *SEPIUM*, *Thuill.* (sp.).—VAR. 1, *Bilietii*, *Puget* (sp.); *sepium*, *Borrer*, *E. B. S.*—VAR. 2, *inodora*, *Fries*. (sp.); *pulverulenta*, *Lindl.*—VAR. 3, *cryptopoda*, *Baker*.

5. *hibernica*, *Smith*.—VAR. 1, *glabra*, *Baker*.—VAR. 2, *cordifolia*, *Baker*.

6. *canina*, *L.* *Dog Rose*.

**SERIES 1. Ecristatæ.**

VAR. 1, *lutetiana*, *Leman* (sp.).—VAR. 2, *sarcidiosa*, *Woods* (sp.).—VAR. 3, *sphærica*, *Gren.* (sp.).—VAR. 4, *senticosæ*, *Ach.* (sp.).—VAR. 5, *dumalis*, *Bechst.* (sp.); *sarmentacea*, *Sm.*; *glaucophylla*, *Winch.*—VAR. 6, *biserrata* *Merat* (sp.) *vinacea*, *Baker*.—VAR. 7, *ur-bica*, *Leman* (sp.); *collina*, *Woods*; *Forsteri*, *Smith*; *platyphylla*, *Bau.*—VAR. 8, *frondosa*, *Steven* (sp.); *dumetorum*, *Woods.*—VAR. 9, *arvatica*, *Baker.*—VAR. 10, *dumetorum*, *Thuill.* (sp.); *uncinella*, *Besser.*—VAR. 11, *pruinosa*, *Baker*; *casia*, *Borrer.*—VAR. 12, *incana*, *Woods* (sp.); *canescens*, *Baker.*—VAR. 13, *tomentella*, *Leman* (sp.); *inodora*, *Hook. Fl. Lond*; *obtusifolia*, *Desv.*—VAR. 14, *Andevagensis*, *Bast.* (sp.).—VAR. 15, *verticillacantha*, *Merat.*—VAR. 16, *collina*, *Jacq.* (sp.).—VAR. 17, *casia*, *Smith* (sp.).—VAR. 18, *concinna*, *Baker.*—VAR. 19, *decipiens*, *Dumort.*

**SERIES 2. Subcristatæ.** VAR. *sclerophyllea*, *Scheutz.* (sp.); *monticola*, *Rep.*—VAR. 20, *Reuteri*, *Godet* (sp.); *nuda*, *Woods*; *Crepiniana*, *Deseg.*—VAR. 21, *subcristata*, *Baker.*—VAR. 22, *Hailstonei*, *Baker.*—VAR. 23, *implexa*, *Gren.* (sp.).—VAR. 24, *coriifolia*, *Fries* (sp.); *bractescens*, *Woods.*—VAR. 25, *Watsoni*, *Baker.*—VAR. 26, *celerata*, *Baker.*

**SERIES 3. Subrubiginosæ.**

VAR. 27, *Borreri*, *Woods* (sp.); *dumetorum*, *Eng. Bot.*—VAR. 28, *Bakeri*, *Deseg.* (sp.).—VAR. 29, *marginata*; *Blondeana*, *Ripart.*

7. *arvensis*, *L.*

Sub-sp. *ALVENSIS* proper; *repens*, *Scopoli.*—VAR. 1, *bibracteata*, *Bast.* (sp.).

Sub-sp. *STYLOSA*, *Bast.* (sp.).—VAR. 1, *stylosa* proper.—VAR. 2, *systyla*, *Bast.*; *collina*, *Engl. Bot.*; *leucochroa*, *Desv.*—

VAR. 3, *opaca*, *Baker.* VAR. 4, *gallucoides*, *Baker.*—VAR. 5, *Monsonia*, *Lindl.*—VAR. 6, *fastigiata*, *Bast.* (sp.).

**TRIBE VII. POMEÆ.**

**12. PYRUS, L. PEAB, APPLE SERVICE, &c.**

**SECTION 1. Pyrus proper.**

1. *communis*, *L.* *Wild Pear.*—VAR. 1, *Pyraster*, *L.*—VAR. 2, *Achras*, *Gærtn.* (sp.).—VAR. 3, *cordata*, *Desv.* (sp.) *Briggsii*, *Bosw.*

2. *Malus*, *L.* *Wild or Crab-apple.* VAR. 1, *acerba*, *DC.* (sp.).—VAR. 2, *mitis.*

**SECTION 2. Sorbus, L. (gen.).**

3. *torminalis*, *Ehr.* *Wild Service.*

4. *Aria*, *L.* *White Beam.*

**Sub-sp. ARIA proper.**

Sub-sp. *RUPICOLA*, *Bosw.*

Sub-sp. *LATIFOLIA*, *Pers.*

Sub-sp. *SCANDICA*, *Fries* (sp.), *P. fennica*, *Fries* (*pignatifida*, *Sm.* in part) is a *HYB.* acc. to *Bosw.* bet. *scandica* and *Aucuparia.*

5. *Aucuparia*, *Gærtn.* *Mountain Ash, Rowan-tree.*

**SECTION 3. Mespilus, L. (gen.).**

*GERMANICA*, *L.* (*Mespilus*). *Medlar.*

**13. CRATÆGUS, L. HAWTHORN, WHITETHORN, MAY.**

1. *Oxyacantha*, *L.*

Sub-sp. *OXYACANTHOIDES*, *Thuill.* (sp.).

Sub-sp. *MONOGYNA*, *Jacquin* (sp.).

**14. COTONEASTER, Lindl.**

1. *vulgaris*, *Lindl.*

**ORDER XXVIII. SAXIFRAGÆ.**

**TRIBE I. SAXIFRAGÆÆ, proper.**

1. *Saxifraga*, *L.* *SAXIFRAGE.*

**SECTION I. Porphyrium, Tausch.**

1. *oppositifolia*, *L.*

**SECTION 2. Micranthes, Haw. (gen.).**

2. *nivalis*, *L.*

**SECTION 3. Hydaticea and Arabadea, Haw. (gen.).**

3. *stellaris*, L. — VAR. *integrifolia*, Hook.

4. *umbrosa*, L.

Sub-sp. UMBROSA proper. — VAR. 1, *umbrosa* proper. *London Pride*, *St. Patrick's Cabbage*. — VAR. 2, *punctata*, Haw. (sp.). — VAR. 3, *serratifolia*, Mackay (sp.). — VAR. *duplicato-serrata*, Lond. Cat. 1867, *serrata*, L. C. 1874.

Sub-sp. GEUM, L. (sp.). — VAR. 1, *serrata*, Bosw. — VAR. 2, *elegans* Mack. (sp.). — VAR. 3, *crenata*, Bosw. — VAR. 4, *gracilis*, Mack. (M. S. sp.).

Sub-sp. HIRSUTA, L. (sp.).

ANDREWSII, Harvey; *Guthriana*, Hort.

SECTION 4. *Hirculus*, Haw. (gen.).

5. *Hirculus*, L.

6. *aizoides*, L.; VAR. *autumnalis*, L.

SECTION 5. *Nephrophyllum*, Gaud.

7. *tridactylites*, L.

8. *rivularis*, L.

9. *granulata*, L.

10. *cernua*, L.

SECTION 6. *Dactyloides*, Fausch.

11. *cæspitosa*, L.

12. *hypnoides*, L.

Sub-sp. HYPNOIDES proper. VAR. 1, *platyptala*, Sm. (sp.); *elongella*, Sm.; *condensata*, Gmel. — VAR. 2, *gemmifera*, Bosw; *leptophylla*, Haw.

Sub-sp. DECIPIENS, Ehr. (sp.); *cæspitosa*, Koch; *palmata*, Sm.

Sub-sp. HIRTA, Don (sp.). — VAR. 1, *hirta* proper, Bosw; *Sternbergii*, Willd. — VAR. 2, *affinis*, Don. (sp.); *sponhemica*, Gmel. — VAR. *incurvifolia*, Don. (sp.).

2. **CHRYSOSPLENIUM**, L. GOLD-EN SAXIFRAGE.

1. *alternifolium*, L.

2. *oppositifolium*, L.

3. **PARNASSIA**, L. GRASS OF PARNASSUS.

1. *palustris*, L.

4. **RIBES**, L. CURRANT, GOOSEBERRY.

SECTION 1. *Grossularia*.

1. *Grossularia*, L. *Wild Gooseberry*. VAR. 1, *Grossularia* proper. — VAR. 2, *Uva-crispa*, L. (sp.).

SECTION 2. **Ribesia**.

2. *alpinum*, L.

3. *rubrum*, L. *Wild Currant*. — VAR. 1, *sylvestre*, Reich — VARS *Smithianum* and *Bromfieldianum*, Bosw. *petraeum*, Sm. — VAR. 2, *spicatum*, Robson (sp.). — VAR. 3, *sativum*, Rich.

4. *nigrum*, L. *Black Currant*.

ORDER XXIX. CRASSULACEÆ.

1. **TILLÆA**,

1. *muscosa*, L.

2. **COTYLEDON**, L. PENNYWORT.

1. *Umbilicus*, L.

3. **SEDUM**, L. ORPINE, STONECROP.

SECTION 1. *Telephium*.

1. *Rhodiola*, DC.; *Rhodiola rosea*, L. *Rose-root*.

2. *Telephium*, L. *Orpine*. — VAR. 1, *purpurascens*, Koch (sp.). — VAR. 2, *Fabaria*, Koch (p.).

SECTION 2. *Cepæa*.

3. *villosum*, L.

SECTION 3. *Sedum* proper.

4. *album*, L. — VAR. 1, *teretifolium*, Haw. (sp.). — VAR. 2, *micranthum*, Bast.

5. *anglicum*, L.

DASYPHYLLUM, L.

6. *acre*, L. *Biting Stone-crop*, *Wall-pepper*.

7. *rupestre*, Huds.

Sub-sp. ELEGANS, Lej. — VAR. 1, *majus*. — VAR. 2, *minus*.

Sub-sp. FORSTERIANUM, Sm. (sp.); Vars. *glaucescens* and *virescens*

SEXANGULARE, L.

REFLEXUM, L. — VAR. 1, *reflexum* proper. — VAR. 2, *albescens*, Haw. (sp.); *glaucum*, Sm.

3.\* **SEMPERVIVUM**, L. HOUSE-LEEK TECTORUM, L.

ORDER XXX. DROSERACEÆ.

1. **DROSERA**, L. SUN PEW.

1. *rotundifolia*, L.
2. *intermedia*, Hayne; *longifolia*, L. in part.
3. *anglica*, Huds.; *longifolia*, L. in part; *obovata*, Mert. and Koch., a hybrid? between this and *rotundifolia*.

## ORDER XXXI. HALORAGACEÆ.

## 1. HIPPURIS, L. MARE'S-TAIL.

1. *vulgaris*, L.

## 2. MYRIOPHYLLUM, L. WATER MILFOIL.

1. *verticillatum*, L.—VAR. *pectinatum*, DC. (sp.).
2. *alterniflorum*, DC.
3. *spicatum*, L.

## 3. CALLITRICHE, L. WATER STARWORT.

1. *verna*, L.

Sub-sp. *VERNALIS*, Kuetzing (sp.); *aquatica*, Sm.

Sub-sp. *PLATYCARPA*, Kuetz. (sp.); *stagnalis*, Kuetz.

Sub-sp. *HAMULATA*, Kuetz. (sp.).

Sub-sp. *OBTUSANGULA*, Leg. (sp.); *Lachii*, Warren, MSS.

Sub-sp. *PEDUNGULATA*, DC. (sp.).

2. *autumnalis*, L.—VAR. 1, *autumnalis* proper.—VAR. 2, *truncata*, Guss. (sp.).

## ORDER XXXII. ONAGRARIÆ.

## 1. EPILOBIUM, L. WILLOW-HERB.

## SECTION 1. Chamænerion.

1. *angustifolium*, L. *Rose-bay* or *French Willow*.—VAR. *brachycarpum*, Leighton (sp.).

## SECTION 2. Lysimachion.

2. *hirsutum*, L. *Codlins and Cream*.
3. *parviflorum*, Schreb.—VAR. 1, *riculare*, Wahl. (sp.).—VAR. 2, *intermedium*, Mérat (sp.).
4. *montanum*, L.
5. *lanceolatum*, Sebast and Maur.
6. *roseum*, Schreb.
7. *tetragonum*, L.

Sub-sp. *TETRAGONUM* proper.

Sub-sp. *OPSCURUM*, Schreb. (sp.); *virgatum*, Gren. and Godr.

8. *palustre*, L.—VAR. *ligulatum*, Baker.

9. *alsinifolium*, Villars.

10. *alpinum*, L.—VAR. *anagallidifolium*, Lamk. (sp.).

## 2. LUDWIGIA, L.

1. *palustris*, Elliot; *Isardia*, L.

## 2\* OENOTHERA, L. EVENING PRIMROSE.

BIENNIS, L.

ODORATA, Jacq.

## 3. CIRCÆA, Tourn. ENCHANTER'S NIGHTSHADE.

1. *lutetiana*, L.
2. *alpina*, L.

## ORDER XXXIII. LYTHRACEÆ.

## 1. LYTHRUM, L. LOOSESTRIFE.

1. *Salicaria*, L.
2. *hyssopifolia*, L.

## 2. PEPLIS, L. WATER-PURLANE.

1. *Portula*, L.

## ORDER XXXIV. CUCURBITACEÆ.

Tribe CUCUMERINÆ.

## 1. BRYONIA, L. BRYONY.

1. *dioica*, L.

## ORDER XXXV. UMBELLIFERÆ.

## SERIES 1. HETEROSCIADIEÆ.

## TRIBE I. HYDROCOTYLEÆ.

## 1. HYDROCOTYLE, L. PENNYWORT.

1. *vulgaris*, L.

## TRIBE II. SANICULEÆ.

## 2. ERYNGIUM, L. ERYNGO.

1. *maritimum*, L. *Sea Holly*.

2. **CAMPESTRE**, *L.*
- 2\* **ASTRANTIA**, *L.*  
MAJOR, *L.*
3. **SANICULA**, *L.* SANICLE.  
1. *europæa*, *L.*
- SERIES 2. HAPLOZYGIEÆ.  
TRIBE III. **AMMINEÆ.**
- SECTION I. Smyrniæ.
4. **PHYSOSPERMUM**, *Cusson.*  
BLADDER-SEED.  
1. *cornubiense*, *DC.*
5. **CONIUM**, *L.* HEMLOCK.  
1. *maculatum*, *L.*
6. **SMYRNIUM**, *L.* ALEXANDERS.  
1. *Olusatrum*, *L.*
- SECTION 2. Ammineæ proper.
7. **BUPLEURUM**, *L.* HARE'S-EAR.  
1. *rotundifolium*, *L.*  
2. *falcatum*, *L.*  
3. *tenuissimum*, *L.*  
4. *aristatum*, *Bartl*; *Odontites*, *Sm.*
8. **TRINIA**, *Hoffmann.* HONEWORT.  
1. *vulgaris*, *DC.*
9. **APIUM**, *L.* (and *Helosciadium*,  
*Koch*), CELERY.  
SECTION 1. *Apium* proper.  
1. *graveolens*, *L.* *Wild Celery.*
- SECTION 2. *Helosciadium*, *Koch* (gen.).  
2. *nodiflorum*, *Reich.*—VAR. 1, *nodiflorum* proper.—VAR. 2, *repens*, *Koch* (sp.); *Sium repens* *Sm.*  
3. *inundatum*, *Reich.*
10. **CARUM**, *L.* CARAWAY.  
SECTION 1. *Carum* proper.  
1. *verticillatum*, *L.*  
*CARUI*, *L.* *Caraway.*
- SECTION 2. *Petroselinum*, *Hoffm.* (gen.).  
2. *segetum*, *Benth.* *Corn Parsley.*  
**PETROSELINUM**, *Benth.*; *P. sativum*.  
*Hoffm.* *Common parsley.*
- SECTION 3. *Bunium*, *L.* (gen.).  
3. *Bulbocastanum*, *Koch.*
11. **SISON**, *L.*  
1. *Amomum*, *L.*
12. **CICUTA**, *L.* WATER-HEMLOCK,  
COWBANE.  
1. *virosa*, *L.*
13. **SIUM**, *L.* WATER-PARSNIP.  
1. *latifolium*, *L.*  
2. *angustifolium*, *L.*
14. **ÆGOPODIUM**, *L.* GOAT-, GOUT-  
OR BISHOP'S-WEED.  
1. *Podagraria*, *L.* *Herb Gerard.*
15. **PIMPINELLA**, *L.* BURNET-  
SAXIFRAGE.  
1. *Saxifraga*, *L.*  
2. *magna*, *L.*
- SECTION 3. Scandicines.
16. **CONOPODIUM**, *Koch.* EARTH-  
NUT.  
1. *denudatum*, *Koch*; *Bunium flexuosum*, *With.*
17. **MYRRHIS**, *Scop.* CICELY.  
1. *odorata*, *Scopoli.*
18. **SCANDIX**, *L.* SHEPHERD'S  
NEEDLE.  
1. *Pecten-Veneris*, *L.*
19. **CHÆROPHYLLUM**, *L.* CHER-  
VIL.  
1. *temulum*, *L.*; *temulentum*, *Sm.*
20. **ANTHRISCUS**, *Hoffm.* BEAKED-  
PARSLEY.  
1. *vulgaris*, *Pers.*; *Scandix Anthriscus*,  
*L.*; *Chærophyllum Anthriscus*,  
*Lamb.*  
2. *sylvestris*, *Hoffm.* *Chærophyllum*  
*sylvestre*, *L.*  
**CEREFOLIUM**, *Hoffm.*; *Scandix*, *L.*;  
*chærophyllum*, *sativum*, *Gærtn.* *Cher-*  
*vil.*
- TRIBE IV. **SESELINEÆ.**  
SUB-TRIBE 1. *Seselineæ* proper.
21. **SESELI**, *L.*  
1. *Libanotis*, *Koch*; *Athamanta*, *L.*
22. **FENICULUM**, *Adanson.* FEN-  
NEL.  
1. *vulgare*, *Gærtn.*  
Sub-tribe 2. *Coriandree.*

**22\*. CORIANDRUM, L. CORIANDER.**Sub-tribe 3. *Cachrydeæ*.**23. CRITHMUM, L. SAMPHIRE.**

- 1.
- maritimum, L.*

Sub-tribe 4. *Ænantheæ*.**24. CENANTHE, L. WATER DROP-WORT.**

1. *fistulosa, L.*
2. *pimpinelloides, L.*
3. *Lachenalii, Gmelin; pimpinelloides, Sm.*
4. *silaifolia, Bieberstein; peucedani-folia, Sm.; Smithii, Watson.*
5. *crocata, L.*
6. *Phellandrium, Lamk.; Phellandrium aquaticum, L.*

Sub-sp. *PELLANDRIUM* proper.Sub-sp. *FLUVIATILE, Coleman (sp.).***25. ÆTHUSA, L. FOOL'S PARSLEY.**

- 1.
- Cynapium, L.*

Sub-tribe 5. *Schultzieæ*.**26. SILAUS, Besser. PEPPER SAXIFRAGE.**

- 1.
- pratensis, Besser.*

Sub-tribe 6. *Selineæ*.**27. MEUM, Jacquin. MEU, BALDMONEY. SPIGNEI.**

- 1.
- athamanticum, Jacq.*

**28. LIGUSTICUM, L. LOYAGE.**

- 1.
- scoticum, L.; Haloscias, Fries.*

Sub-tribe 7. *Angeliceæ*.**29. ANGELICA, L. ANGELICA.**

- 1.
- sylvestris, L.*

**TRIBE V. PEUCEDANEÆ.****30. PEUCEDANUM, L. Hog's-FENNEL.**SECTION 1. *Peucedanum* proper.

1. *officinale, L. Sulphur-wort.*
2. *palustre. Mönch. Milk Parsley.*

SECTION 2. *Imperatoria, L. (gen.).**Ostruthium, Koch, Master-wort.*SECTION 3. *Pastinaca, L. (gen.).*3. *sativum, Benth. Wild Parsnip.***31. HERACLEUM, L. COW-PARSNIP, HOGWEED.**

- 1.
- Spondylium, L.*

**32. TORDYLIUM, L.**

- 1.
- maximum, L.*

SERIES 3. *DIPLOZYGIEÆ.***33. DAUCUS, L. CARROT.**

1. *Carota, L.—VAR. 1, Carota proper.—VAR. 2, gummifer, Lamk (sp.); maritimus, With.*

**34. CAUCALIS, L.**SECTION 1. *Caucalis, proper. Bur-Parsley.*

- 1.
- daucoides, L.*

SECTION 2. *Turgenia, Hoffm. (gen.).**LATIFOLIA L.*SECTION 3. *Torilis, L. (gen.). Hedge Parsley.*

2. *Anthriscus, Huds.*
3. *infesta, Curtis.*
4. *nodosa, Scop.*

**ORDER XXXVI ARALIACEÆ.****1. HEDERA, L. IVY.**

- 1.
- Helix, L. VAR. Hodgensii.*

**ORDER XXXVII. CORNACEÆ.****1. CORNUS, L. CORNEL, DOGWOOD.**

1. *sanguinea, L. Dogwood, Dog-berry, Prickwood.*
2. *suecica, L.*

**DIVISION II. MONOPETALÆ.****ORD. XXXVIII. CAPRIFOLIACEÆ.****TRIBE I. SAMBUCEÆ.****1. VIBURNUM, L.**

1. *Lantana, L. Wayfaring-tree.*
2. *Opulus, L. Guelder-rose.*

**2. SAMBUCUS, L. ELDER.**

- 1.
- Ebulus, L. Dwarf Elder, Dane-wort.*

2. *nigra*, L. *Elder*.
3. **ADOXA**, L. *MOSCHATL*.
1. *Moschatellina*, L.
4. **LONICERA**, L. *HONEYSUCKLE*.
1. *Periclymenum*, L. *Woodbine* or *Honeysuckle*.
- CAPRIFOLIUM*, L.
- XYLOSTEMUM*, L.
5. **LINNÆA**, *Gronovius*.
1. *borealis*, *Gronov*.

## ORDER XXXIX. RUBIACEÆ.

Tribe. STELLATÆ.

1. **RUBIA**, L. *MADDER*.
1. *peregrina*, L.
2. **GALIUM**, L. *BEDSTRAW*.
1. *verum*, L. *Lady's Bedstraw*.—VAR. 1, *verum* proper.—VAR. *luteum*, *Bosw.*—VAR. 2, *ochroleucum*, *Bosw.*
2. *Cruciata*, *Scopoli*; *cruciatum*, *With.* *Valantia Cruciata*, L. *Crosswort*.
3. *palustre*, L.—VAR. 1, *palustre* proper.—VAR. 2, *elongatum*, *Presl*. (sp.)—VAR. 3, *Witheringii*, *Sm.* (sp.).
4. *uliginosum*, L.
5. *saxatile*, L.
6. *sylvestre*, *Poll.*—VAR. 1, *montanum*, *Vill.* (sp.)—VAR. 2, *nitidulum*, *Thuill.* (sp.); *commutatatum*, *Bab.*
7. *Mollugo*, L.
- Sub-sp. *ERECTUM*, *Huds.* (sp.); *aristatum*, *Sm.*
- Sub-sp. *SCABRUM*, *With.* (sp.); *elatum*, *Thuill.*; *insubricum*, *Gaud.*—VAR. *Bakeri*, *Bosw.*
8. *boreale*, L.
9. *Aparine*, L. *Goose grass*, *Cleavers*.
- Sub-sp. *APARINE* proper.
- Sub-sp. *VAILLANTII*, *DC.* (sp.).
10. *tricornis*, *With.*
11. *pariense*, L.; Sub-sp. *ANGLICUM*, *Huds.* (sp.).

3. **ASPERULA**; L.

1. *odorata*, L. *Wood-ruff*.
2. *cynanchica*, L. *Squinancy-wort*.
4. **SHERARDIA**, *Dillen*. *FIELD-MADDER*.
1. *arvensis*, L.

## ORDER XL. VALERIANEÆ.

1. **VALERIANA**, L. *VALERIAN*.
1. *dioica*, L.
2. *officinalis*, L. *Cat's-Valerian*, *All-heal*.—VAR. 1, *officinalis* proper.—VAR. 2, *sambucifolia*, *Mikan* (sp.). *PYRENAICA*, L.
- 1\*. **CENTRANTHUS**, *DC.* *SPUR-VALERIAN*.
- RUBER*, *DC.*
2. **VALERIANELLA**, *Tournef*; *Fedia*, *Vahl*. *CORN SALAD*.
1. *olitoria*, *Mænoch*; *Valeriana Locusta*, L. in pt. *Lamb's Lettuce*.
- CABINATA*, *Loisel*.
2. *auricula*, *DC.*; *F. tridentata*, *Stev.*
3. *dentata*, *Poll.*; *Morisonii*, *DC.*—VAR. 1, *dentata* proper.—VAR. 2, *mixta*, *Desv.* (sp.); *F. eriocarpa*, *R and S.*—VAR. 3, *eriocarpa*, *Desv.*

## ORDER XLI. DIPSACEÆ.

1. **DIPSACUS**, *Tournef*. *TEASEL*.
1. *sylvestris*, L. *Wild Teasel*.—cult. form *Fullonum*, L. (*Faller's Teasel*).
2. *pilosus*, L.
2. **SCABIOSA**, L.
- SUB-GEN. I. *Scabiosa* proper.
1. *succisa*, L. *Devil's-bit-Scabious*.
2. *Columbaria*, L.
- SUB-GEN. II. *Knautia*, *Coulter* (gen.).
3. *arvensis*, L.

## ORDER XLII. COMPOSITÆ.

## SERIES 1. TUBULIFLOREÆ.

f

9. *campestris*, DC. ; *Cineraria integrifolia*, With.

SERIES 2. LIGULIFLOREÆ.

TRIBE X. CICHORACEÆ.

29. **LAPSANA**, L. NIPPLEWORT.

1. *communis*, L.

30. **ARNOSERIS**, Gærtn. LAMB'S  
OR SWINE'S SUCCORY.

1. *pusilla*, Gærtn.

31. **CICHORIUM**, L. CHICORY.

1. *Intybus*, L.

32. **HYPOCHÆRIS**, L. CAT'S-EAR.

1. *glabra*, L.—VAR. 1, *glabra* proper.  
—VAR. 2, *Balbisii*, Lois (sp.).

2. *radicata*, L.

3. *maculata*, L. ; *Achyrophorus maculatus*, Scop.

33. **HELMINTHIA**, Juss. OX-  
TONGUE.

1. *echioides*, Gærtn.

34. **TRAGOPOGON**, L.

1. *pratensis*, L. Goat's-beard.—VAR.  
1, *pratensis* proper.—VAR. 2, *minor*,  
Fries (sp.).—VAR. 3, *grandiflorus*,  
Bosw.

PORRIFOLIUS, L. Salsify.

35. **PICRIS**, L.

1. *hieracioides*, L.—VAR. 1, *hieracioides* proper.—VAR. 2, *arvalis*, Jord.  
(sp.).

36. **LEONTODON**, L. HAWKBIT.

SUB-GEN. 1. *Thrinchia*, Roth (gen.).

1. *hirtus*, L. ; *Hedynois*, Sm.

SUB-GEN. 2. *Apargia*, Willd. (gen.).

2. *hispidus*, L. ; *Hedynois*, Sm.

SUB-GEN. 3. *Oporinia*, Don (gen.).

1. *autumnalis*, L. ; *Apargia*, Willd.  
—VAR. 1, *autumnalis* proper.—VAR.  
2, *pratensis*, Koch (sp.) ; *Hedynois*  
*Taraxici*, Sm.

37. **LACTUCA**, L. LETTUCE.

1. *virosa*, L.

2. *Scariola*, L.

3. *saligna*, L.

4. *muralis*, Friesen ; *Prenanthes muralis*, L.

38. **TARAXICUM**, Juss. DANDE-  
LION.

1. *officinale*, Wiggers ; *Leontodon Taraxicum*, L.—VAR. 1, *Dens-leonis*, Desf. (sp.).—VAR. 2, *erythrospermum*, Andrz. (sp.).—VAR. 3, *levigatum*, DC. (sp.).—VAR. 4, *palustre*, DC. (sp.).

39. **CREPIS**, L. HAWK'S-BEARD.

SUB-GEN. 1. *Crepis* proper.

1. *virens*, L. ; *tectorum*, Sm.

2. *biennis*, L.

3. *hieracioides*, Waldst. and Kit. ; *succisæfolia*, Tausch. ; *Hieracium molle*, Sm.

SUB-GEN. 2. *Barkhausia*, Mærch (gen.).

4. *foetida*, L.

5. *taraxifolia*, Thuill.

SETOSA, Haller fil.

SUB-GEN. 3. *Aracium*, Monn. (gen.).

6. *paludosa*, Mærch ; *Hieracium paludosum*, L.

40. **SONCHUS**, L. SOWTHISTLE.

1. *arvensis*, L.

2. *palustris*, L.

3. *oleraceus*, L.

Sub-sp. *OLEBRACIUS* proper.

Sub-sp. *ASPER*, Hoffm. (sp.).

41. **MULGEDIUM**, Cassini. BLUE  
SOWTHISTLE.

1. *alpinum*, Less. ; *Sonchus alpinus*,  
L. ; *cæruleus*, Sm.

42. **HIERACIUM**, L. HAWKWEEB.

SECTION 1. *Piloselloidia*.

1. *Pilosella*, L. Mouse-ear Hawk-  
weed.—VAR. *Peleterianum*, Mer. (sp.) ;  
*pilosissimum*, Fries.

AURANTIACUM, L.

SECTION 2. *Pulmonarea*.

2. *alpinum*, L.—VAR. 1, *melanocephalum*, Tausch. (sp.) ; *alpinum*,  
Backh.—VAR. 2, *holosericeum*, Backh.  
(sp.).—VAR. 3, *eximium*, Backh (sp.) ;  
*tenellum*, L. C.—VAR. 4, *calenduli-  
florum*, Backh. (sp.).



3. *nigrescens*, Willd.—VAR. 1, *pulmonarium*, Sm. (sp.); *nigrescens*, Backh.—VAR. 2, *gracilentum*, Backh. (sp.).—VAR. 3, *globosum*, Backh. (sp.).—VAR. 4, *chrysanthum*, Backh. (sp.); *rupestre*, Bab.; *microcephalum*, L.C.—VAR. 5, *senescens*, Backh. (sp.).—VAR. 6, *lingulatum*, Backh. (sp.); *saxifragum*, Bab.; *divaricatum*, Don.

4. *Lawsoni*, Sm.

Sub-sp. *ANGLICUM*, Fries (sp.); *cerinthoides*, Backh.; *b. amplexicaule* and *c. acutifolium* L.C.

Sub-sp. *IRICUM*, Fries (sp.); *Lapeyrousii*, Bab.

5. *murorum*, L.

Sub-sp. *MURORUM* proper.—VAR. 1, *nitidum*, Backh. (sp.).—VAR. 2, *aggregatum*, Backh. (sp.).

Sub-sp. *PALLIDUM*, Backh. (sp.).—VAR. 1, *cinerascens*, Jord. (sp.); *lasiophyllum*, Backh.—VAR. 2, *argenteum*, Fries. (sp.).

Sub-sp. *CÆSIUM*, Backh. (sp.).—VAR. 1, *Gibsoni*, Backh. (sp.); *hypochaeroides*, Gibson.—VAR. 2, *stoculosum*, Backh. (sp.); *stelligerum*, Backh.—VAR. 3, *obtusifolium*, Backh. (sp.); *cæsium*, var. *obtusifolium*, Bab.

6. *sylvaticum*, Sm.

Sub-sp. *VULGATUM*, Fries (sp.); *maculatum*, Sm.—VAR. 1, *cinereum*, Backh.—VAR. 2, *rubescens*, Backh.; *nemorosum*; *montanum*; *macrocephalum*.

Sub-sp. *GOETHICUM*, Fries (sp.); *latifolium*, L. C.

Sub-sp. *TRIDENTATUM*, Fries (sp.).

SECTION 3. *Accipitrina*.

7. *preanthoides*, Villars; *denticulatum*, Sm.; *strictum*, Fries.

8. *umbellatum*, L.; *canadense*, Fries.—VAR. *filifolium*, Backh.

9. *crocatum*, Fries; *juratum*, Fries (*Borreri*, Bosw.)

Sub-sp. *INULOIDES*, Tausch. (sp.).

Sub-sp. *CORYMBOSUM*, Fries (sp.). *rigidum*, Backh.

10. *boreale*, Fries; *sabadum*, Sm.; *heterophyllum*, Bladon.

ORDER XLIII. **CAMPANULACEÆ**  
(including **LOBELIACEÆ**).

SUB-ORDER I. *Lobelieæ*.

1. **LOBELIA**.

1. *Dortmanna*, L.

2. *urens*, L.

SUB-ORDER II. *Campanuleæ*.

2. **CAMPANULA**, L.

SUB-GEN. 1. *campanula* proper.

1. *rotundifolia*, L. *Hare-bell*. VAR. 1, *rotundifolia* proper.—VAR. 2, *montana*, Bosw.

2. *Rapunculus*, L.

3. *patula*, L.

*PERSICIFOLIA*, L.

4. *latifolia*, L.

5. *rapunculoides*, L.

6. *Trachelium*, L. *Nettle-leaved Campanula*.

7. *glomerata*, L.

SUB-GEN. 2. *Wahlenbergia*, Schrad. (gen.).

8. *hederacea*, L.

SUB-GEN. 3. *Specularia*, Heist. (gen.).

9. *hybrida*, L.

3. **PHYTEUMA**, L. *RAMPION*.

1. *orbiculare*, L.

2. *spicatum*, L.

4. **JASIONE**, L. *SHEEP'S-BIT*.

1. *montana*, L.

ORDER XLIV. **ERICACEÆ**.

SUB-ORDER 1. *Vaccinieæ*.

1. **VACCINIUM**, L.

1. *Myrtillus*, L. *Whortle-berry*, *Bilberry*.

2. *uliginosum*, L.

3. *Vitis-Idæa*, L. *Cowberry*.

2. **OXYCOCCOS**, Tournef. *CRANBERRY*.

1. *palustris*, Pers.; *Vaccinium Oxycoccus*, L.

SUB-ORDER II. *Ericææ*.

TRIBE I. **ARBUTEÆ**.

3. **ARBUTUS**, L.

1. *Unedo*, L. *Strawberry-tree*.

4. **ARCTOSTAPHYLOS**, *Adanson*,  
BEARBERRY.

1. *alpina*, *Spreng.*
2. *Uva-ursi*, *Spreng.*

TRIBE II. **ANDROMEDEÆ.**

5. **ANDROMEDA**, *L.*

1. *polifolia*, *L.*

TRIBE III. **ERICINEÆ**

6. **ERICA**, *L.* HEATH.

1. *Tetralix*, *L.* *Cross-leaved Heath.*

Sub-sp. **TETRALIX** proper.

Sub-sp. **MACKAYI**, *Hook.* (sp.); *Mack-  
aiana*, *Bab.*

2. *cinerea*, *L.*
3. *ciliaris*, *L.*
4. *vagans*, *L.* *Cornish Heath.*
5. *mediterranea*, *L. m.*, var. *hiber-  
nica*, *Hook*; *hibernica*, *Syme.*

7. **CALLUNA**, *Salisbury.* LING.

1. *vulgaris*, *Salisb.*

TRIBE IV. **RHODOREÆ.**

8. **DABEOCIA**, *Don.* ST. DABEOC'S  
HEATH.

1. *polifolia*, *Don.*

9. **PHYLLODOCE**, *Salisbury.*

1. *cærulea*, *Bab.*; *taxifolia*, *Salisb.*; *Menziesia*, *Swartz.*

10. **LOISELEURIA**, *Desvoux.*

1. *procumbens*, *Desv.*; *Azalea*, *L.*

TRIBE V. **PYROLEÆ.**

11. **PYROLA**, *Tournef.* WINTER-  
GREEN.

Sub-gen. 1. **Pyrola** proper.

1. *minor*, *Sw.*
2. *media*, *L.*
3. *rotundifolia*, *L.*—VAR. 1, *rotun-  
difolia* proper. — VAR. 2, *arenaria*,  
*Koch*; *maritima*, *Kenyon.*
4. *secunda*, *L.*

Sub-gen. 2. **Moneses**, *Salisb.* (gen.).

5. *uniflora*, *L. M. grandiflora*, *Sal-  
isb.*

SUB-ORDER III. **Monotropeæ.**

12. **MONOTROPA**, *L.* BIRD'S-NEST.

1. *Hypopithys*, *L.*; *H. glabra*, *DC.*  
VAR. *glabra*, *Berth.*—VAR. *hirsuta*,  
*Roth.*

ORDER XLV. **OLEINEÆ.**

1. **LIGUSTRUM**, *Tournef.* PRIVET.

1. *vulgare*, *L.*

2. **FRAXINUS**, *Tournef.* ASH.

1. *excelsior*, *L.*; VAR. *heterophylla*,  
*Vahl.*

ORDER XLVI. **APOCYNÆÆ.**

*VINCA*, *L.* PERIWINKLE.

1. *minor*, *L.*

MAJOR, *L.*

ORDER XLVII. **GENTIANEÆ.**

SUB-ORDER I. **Gentianeæ.**

1. **CHLORA**, YELLOW-WORT, YELLOW  
CENTAURY.

1. *perfoliata*, *L.*

2. **MICROCALA**, *Link et Hoffm.*

1. *fliformis*, *Link*; *Exasum*, *Sm.*

3. **CICENDIA**, *Adans.*

1. *pusilla*, *Griseb.*

4. **ERYTHRÆA**, *Pers.* CENTAURY.

1. *Centaurium Pers.*

Sub-sp. **CENTAURIUM** proper; *latifolia*,  
*E. B.*; *Chironia Centaurium*, *Sm.*—VAR.  
*littoralis*, *Fries* (sp.).

Sub-sp. **LATIFOLIA**, *Sm.* (sp.).

Sub-sp. **PULCHELLA**, *Fries* (sp.).

5. **GENTIANA**, *L.* GENTIAN.

1. *campestris*, *L.*

2. *amarella*, *L.*

Sub-sp. **AMARELLA** proper.

Sub-sp. **GERMANICA**, *Willd.* (sp.).

3. *Pneumonanthe*, *L.*

4. *verna*, *L.*

5. *nivalis*, *L.*

SUB-ORDER II. **Menyantheæ.**

6. **MENYANTHES**, *Tournef.* BUCK-  
OR BOG-BEAN.

1. *trifoliata*, *L.*

7. **LIMNANTHEMUM**, *Link.*

1. *nymphæoides*, *Link.*; *Villarsia nymphæoides*, *Vent.*

ORDER XLVIII. **POLEMONIACEÆ.**

1. **POLEMONIUM**, *L.* JACOB'S LAD-  
DER.

1. *cæruleum*, *L.* *Greek Valerian.*

ORDER XLIX. **CONVOLVULACEÆ.**

SUB-ORDER I. **Convolvuleæ** proper.

1. **CONVOLVULUS**, *L.* BINDWEED.

Sub-gen. 1. **Convolvulus** proper.

1. *arvensis*, *L.* *Small Bindweed.*

SUB-GEN. 2. **Calystegia**, *Br.* (gen.).

2. *sepium*, *L.*

3. *Soldanella*, *L.*

SUB-ORDER II. **Cuscutææ** (*Presl*, order).

2. **CUSCUTA**, *Tournef.* DODDER.

1. *europæa*, *L.*

2. *Epithymum*, *Murr.*; VAR. *Tri-  
folii*, *Bab.* (sp.).

- EPILINUM*, *Weihe.*

ORDER L. **BORAGINEÆ.**

TRIBE I. **ECHIEÆ.**

1. **ECHIUM**, *Tournef.* BUGLOSS.

1. *vulgare*, *L.*; *italicum*, *Huds.* *Viper's Bugloss.*

2. *plantagineum*, *L.*; *violaceum*,  
*Brit. Fl.*

TRIBE II. **ANCHUSEÆ.**

1\*. **BORAGO**, *Tournef.* BORAGE.

- OFFICINALIS, *L.*

2. **SYMPHYTUM**, *Tournef.* COM-  
FREY.

1. *officinale*, *L.*; VAR. 1, *officinale*  
proper. — VAR. 2, *patens*, *Sibthorp*  
(sp.).

2. *tuberosum*, *L.*

3. **ANCHUSA**, *L.* ALKANET.

SECTION 1. **Lycopsis**, *L.* (gen.).

1. *arvensis*, *Bieb.* *Bugloss.*

SECTION 2. **Anchusa** proper.

- OFFICINALIS, *L.*

SECTION 3. **Caryolopha**, *Fisch et Traut.*  
(gen.).

- SEMPERVIRENS.

TRIBE III. **LITHOSPERMEÆ.**

4. **LITHOSPERMUM**, *Tournef.*  
GROMWELL.

1. *officinale*, *L.*

2. *arvense*, *L.*

3. *purpureo-cæruleum*, *L.*

5. **MERTENSIA**, *Roth.*

1. *maritima*, *Don.*

6. **PULMONARIA**, *Tournef.* LUNG-  
WORT.

1. *augustifolia*, *L.*

- OFFICINALIS, *L.*

7. **MYOSOTIS**, *L.* SCORPION-GRASS.

SECTION 1. (Perennial).

1. *palustris*, *With.* *Forget-me-not.*  
VAR. 1, *palustris* proper.—VAR. 2,  
*strigulosa*, *Reich.* (sp.).

2. *lingulata*, *Lehm.*; *cæspitosa*,  
*Schulz.*

3. *repens*, *Don.*

SECTION 2. (Annual or biennial).

4. *sylvatica*, *Hoffm.*

Sub-sp. **ALPESTRIS**, *Schmidt* (sp.).

5. *arvensis*, *Hoffm.*; VAR. 1, *arven-  
sis* proper.—VAR. 2, *umbrosa*, *Bab.*

6. *collina*, *Hoffm.* VAR. *Mitteni.*

7. *versicolor*, *Reich.*

TRIBE IV. **CYNOGLOSSEÆ.**

7\*. **ASPERUGO**, *Tournef.* MADWORT  
(MADDERWORT.)

- PROCUMBENS, *L.*

8. **CYNOGLOSSUM**, *Tournef.*  
HOUND'S-TONGUE.

1. *officinale*, *L.*

2. *montanum*, *Lamk.*; *sylvaticum*,  
*Haenke.*

## ORDER LI. SOLANEÆ.

1. **HYOSCYAMUS**, *Tournef.* HEN-BANE.
  1. *niger*, *L.*
2. **SOLANUM**, *Tournef.* NIGHT-SHADE.
  1. *Dulcamara*, *L.* *Bittersweet* or *Woody Nightshade*. — VAR. 1, *marinum*, *Syme.*
  2. *nigrum*, *L.* — VAR. 1, *nigrum* proper. — VAR. 2, *miniatum*, *Bernh.* (sp.).
3. **ATROPA**, *L.* DWALE.
  1. *Belladonna*, *L.* *Deadly Nightshade*.

## ORDER LII. PLANTAGINEÆ.

1. **PLANTAGO**, *L.* PLANTAIN, RIB-GRASS.
  1. *major*, *L.*
  2. *media*, *L.*
  3. *lanceolata*, *L.*; VAR. 1, *lanceolata* proper. — VAR. 2, *Timbali*, *Jord.* (sp.).
  4. *maritima*, *L.*
  5. *Coronopus*, *L.*
2. **LITTORELLA**, *L.* SHORE-WEED.
  1. *lacustris*, *L.*

## ORDER LIII. SCROPHULARINEÆ.

## SUB-ORDER I. Antirrhinidæ.

## TRIBE I. VERBASCEÆ.

1. **VERBASCUM**, *L.* MULLEIN.
  1. *Thapsus*, *L.*
  2. *Lychnitis*, *L.*
  3. *pulverulentum*, *Vill.*
  4. *nigrum*, *L.*
  5. *Blattaria*, *L.*

Sub-sp. *BLATTARIA* proper.Sub-sp. *VIRGATUM*, *With.* (sp.).

## TRIBE II. ANTIRRHINEÆ.

2. **LINARIA**, *Tournef.* TOAD-FLAX.

SECTION 1. *Cymbalaria*, *Chav.**CYMBALARIA*, *Mill.* *Ivy-leaved Toad-flax*.SECTION 2. *Elatinoides*, *Chav.*

1. *spuria*, *Mill.* *Male Fluellen*.
2. *Elatine*, *Mill.*

SECTION 3. *Linariastrum*, *Chav.*

3. *vulgaris*, *Mill.* VAR. 1, *vulgaris* proper. — VAR. 2, *latifolia*, *Bab.*; *speciosa*, *Bromf.*
4. *Pelisseriana*, *Mill.*
5. *repens*, *Ait.*

SECTION 4. *Chænorrhinum*, *DC.*

6. *minor*, *Desf.*

3. **ANTIRRHINUM**, *Tournef.* SNAP-DRAGON

1. *Orontium*, *L.*

MAJUS, *L.*

## TRIBE III. CHELONEÆ.

4. **SCROPHULARIA**, *Tournef.* FIG-WORT.SECTION 1. *Scrophularia* proper.

1. *nodosa*, *L.*

Sub-sp. *ALATA*, *Gilib.* (sp.); *umbrosa*, *Dumort.*; *Ehrharti*, *Stev.*

2. *aquatica*, *L.*; *Balsisii*, *Hornem.*
3. *Scorodonia*, *L.*

SECTION 2. *Ceramanthe*, *Reich.*VERNALIS, *L.*

## TRIBE IV. GRATIOLEÆ.

4\*. **MIMULUS**, *L.*LUTEUS, *L.*SUB-ORDER II. *Rhinanthidæ*.

## TRIBE V. SIBTHORPIEÆ.

5. **LIMOSELLA**, *L.* MUDWORT.

1. *aquatica*, *L.*

6. **SIBTHORPIA**, *L.*

1. *europæa*, *L.*

## TRIBE VI. DIGITALEÆ.

7. **DIGITALIS**, *Tourn.* FOXGLOVE.

1. *purpurea*, *L.*

## TRIBE VII. VERONICEÆ.

8. **VERONICA**, *Tourn.* SPEEDWELL.SECTION 1. *Omphalospora*.

1. *agrestis*, *L.*

Sub-sp. *AGRESTIS* proper.

- sp. **POLITA**, *Fries* (sp.).  
**Buxbaumii**, *Ten.*  
**hederæfolia**, *L.*
- CTION 2. **Veronicastrum**.  
**triphyllos**, *L.*  
**arvensis**, *L.*  
**verna**, *L.*  
**serpyllifolia**, *L.* VAR. *humifusa*, *Dicks* (sp.).  
**alpina**, *L.*  
**saxatilis**, *L.*
- CTION 3. **Chamædrys**.  
**officinalis**, *L.* VAR. *hirsuta*, *Hopkirk* (sp.).

0. **Chamædrys**, *L.*  
 1. **montana**, *L.*  
 2. **scutellata**, *L.*
- CTION 4. **Beccabunga**.  
 3. **Beccabunga**, *L.* *Brooklime*.  
 4. **Anagallis**, *L.*
- CTION 5. **Pseudo-Lysimachia**.  
 15. **spicata**, *L.* VAR. 1, *spicata* proper. —VAR. 2, *hybrida*, *L.* (sp.).

TRIBE VIII. **EUPHRASIEÆ.**

- BARTSIA**, *L.*  
 SUB-GEN. 1. **Bartisia** proper.  
 1. **alpina**, *L.*
- SUB-GEN. 2. **Eufragia**, *Griseb.* (gen.).  
 2. **viscosa**, *L.*
- SUB-GEN. 3. **Odontites**, *Persoon* (gen.).  
 3. **Odontites**, *Huds.*; *Euphrasia Odontites*, *L.* VAR. 1, *verna*, *Reich.* (sp.). —VAR. 2, *serotina*, *Reich.* (sp.). —VAR. 3, *rotundata*, *Ball* (sp.). —VAR. 4, *divergens*, *Jord.* (sp.).

0. **EUPHRASIA**, *Tournef.* EYEBRIGHT.  
 1. **officinalis**, *L.* VAR. 1, *officinalis* proper. —VAR. 2, *gracilis*, *Fries* (sp.). —VAR. 3, *maritima*.

11. **RHINANTHUS**, *L.* YELLOW-BATTLE.  
 1. **Crista-galli**, *L.*  
 Sub-sp. **MAJOR**, *Ehr.* (sp.). VAR. *apterus*, *Fries*.

Sub-sp. **MINOR**, *Ehr.* (sp.).

12. **PEDICULARIS**, *Tournef.* LOUSEWORT.

1. **palustris**, *L.*  
 2. **sylvatica**, *L.*

13. **MELAMPYRUM**, *Tournef.* COWWHEAT.

1. **pratense**, *L.* VAR. 1, *pratense* proper. —VAR. 2, *latifolium*. —VAR. 3, *montanum*, *Johnst.* (sp.). —VAR. 4, *erictorum*, *D. Oliv.*  
 2. **sylvaticum**, *L.* VAR. *pallidiflora*.  
 3. **arvense**, *L.*  
 4. **cristatum**, *L.*

ORDER LIV. **OROBANCHEÆ.**

1. **OROBANCHE** *L.* BROOM-ROPE.

SUB-GEN. 1. **Orobanche** proper.

1. **major**, *L.*; *Rapum*, *Thuill.*  
 2. **elatior**, *Sutt.*  
 3. **caryophyllacea**, *Sm.*; *Galii*, *Duby.*  
 4. **rubra**, *Sm.*; *epithymum*, *DC.*  
 5. **minor**, *Sutt.*

Sub-sp. **MINOR** proper.

Sub-sp. **AMETHYSTEA**, *Thuill* (sp.); *Eryngii*, *Duby.*

Sub-sp. **PICRIDIS**, *F. Schultz* (sp.).

Sub-sp. **HEDERÆ**, *Duby* (sp.); *barbata*, *E. B. Suppl.*

Sub-gen. 2. **Phelipæa**, *Tournef.* (gen.).

6. **cærulea**, *Vill.*
2. **LATHRÆA**, *L.* TOOTHWORT.  
 1. **squamaria**, *L.*

ORDER LV. **LABIATÆ.**

TRIBE I. **SATUREINEÆ.**

1. **MENTHA**, *L.* MINT.  
 1. **sylvestris**, *L.* VAR. 1, *sylvestris* proper. VAR. 2, *nemorosa*, *Willd.* (sp.). —VAR. 3, *mollissima*, *Bork.* (sp.). —VAR. 4, *alopecuroides*, *Hull.* (sp.).  
 2. **rotundifolia**, *L.*  
**VIRIDIS**, *L.* *Spear-mint.*

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3. **piperita**, *Huds. Peppermint*. VAR. 1, *officinalis*, *Hull* (sp.).—VAR. 2, *vulgaris*, *Sole*.
4. **aquatica**, *L.*
- Sub-sp. PUBESCENS, *Willd.* (sp.).—VAR. 1, *palustris* *Sole* (sp.).—VAR. 2, *hircina*, *Hull* (sp.).
- Sub-sp. HIRSUTA, *L.* (sp.).—VAR. 1, *hirsuta* proper.—VAR. 2, *subglabra*, *Baker*.—VAR. 3, *citratata*, *Ehr.* (sp.). *Bergamot Mint*.
5. **sativa**, *L.*
- Sub-sp. SATIVA proper.—VAR. 1, (separate whorls and foliaceous bracts).—VAR. 2, *paludosa*, *Sole* (sp.).—VAR. 3, *subglabra*, *Baker*.
- Sub-sp. RUBRA, *Sm.* (sp.).
- Sub-sp. GRACILIS, *Sm.* (sp.).—VAR. 1, *gracilis* proper.—VAR. 2, *cardiaca*, *Baker*.
- Sub-sp. PRATENSIS, *Sole* (sp.).
- Sub-sp. GENTILIS, *L.* (sp.).—VAR. 1, *gentilis* proper.—VAR. 2, *Wirtgeniana* *F. Schultz.* (sp.).—VAR. 3, *Pauliana*, *F. Schultz.* (sp.).
6. **arvensis**, *L.*—VAR. 1, *arvensis* proper.—VAR. 2, *nummularia*, *Schreb.* (sp.).—VAR. 3, *agrestis*, *Sole* (sp.).—VAR. 4, *præcox*, *Sole* (sp.).—VAR. 5, *Allionii*, *Boreau* (sp.).—VAR. 6, *parietariaefolia*, *Beck* (sp.).
7. **Pulegium**, *L. Penny-royal*. VAR. *erecta*, *L. C.*
2. **LYCOPUS**, *Tournef. GIPSY-WORT.*
1. *europæus*, *L.*
3. **ORIGANUM**, *Tournef. MARJOBAM.*
1. *vulgare*, *L.*
4. **THYMUS**, *L. THYME.*
1. *Serpyllum*, *L.*
- Sub-sp. SERPYLLUM proper.
- Sub-sp. CHAMÆDRYS, *Fries* (sp.).
5. **CALAMINTHA**, *Moench.*
- SUB-GEN. 1. *Calamintha* proper.
1. *officinalis*, *Moench. Calamint.*
- Sub-sp. MENTHIFOLIA, *Host* (sp.).—VAR. *Briggsii*, *Syme.*
- Sub-sp. NEPETA, *Clairv.* (sp.).
- Sub-sp. SYLVATICA, *Bromf.*

SUB-GEN 2. *Clinopodium*, *L.* (gen.).

2. *Clinopodium*, *Benth.*; *Clinopodium vulgare*, *L. Wild Basil.*

SUB-GEN. 3. *Acinos*, *Moench* (gen.).

3. *Acinos*, *Clairv.*; *Thymus Acinos*, *L. Basil Thyme.*

5\* **MELISSA**, *Tournef. BALM.*

OFFICINALIS, *L.*

TRIBE II. **MONARDEÆ.**

6. **SALVIA**, *L. SAGE.*

1. *Verbenaca*, *L. Clary.* — VAR. *clandestina*, *Lim.* (sp.).

2. *pratensis*, *L.*

TRIBE III. **NEPETEÆ.**

7. **NEPETA**, *L.*

SUB-GEN. 1. *nepeta* proper.

1. *Cataria*, *L. Cat-Mint.*

SUB-GEN. 2. *Glechoma*, *L.* (gen.).

2. *Glechoma*, *Benth.*; *Glechomahederacea*, *L. Ground Ivy.* — VAR. 1, *Glechoma* proper.—VAR. 2, *parviflora*, *Benth.* — VAR. 3, *hirsuta*, *Waldst.* and *Kit.* (sp.).

TRIBE IV. **STACHYDEÆ.**

8. **PRUNELLA**, *L. SELF-HEAL.*

1. *vulgaris*, *L.*; *Brunella*, *Tournef.*

9. **SCUTELLARIA**, *L. Skull-cap.*

1. *galericulata*, *L.*

2. *minor*, *L.*

10. **MELITTIS**, *L. BASTARD-BALM.*

1. *Melissophyllum*, *L.*; *grandiflora*, *Sm.*

11. **MARRUBIUM**, *L. WHITE HOREHOUND.*

1. *vulgare*, *L.*

12. **STACHYS**, *L. WOUNDWORT.*

SUB-GEN. 1. *Stachys* proper.

1. *sylvatica*, *L.*

2. *palustris*, *L.*

*ambigua*, *Sm.* (sp.), *HYB.* bet. 1 and 2.

3. *germanica*, *L.*

4. *arvensis*, *L.*

SUB-GEN. 2. *Betonica*, *L.* (gen.).

5. *Betonica*, *Benth.*; *Betonica officinalis*, *L.* *Wood Betony.*

13. **GALEOPSIS**, *L.* HEMP-NETTLE.

1. *Ladanum*, *L.*

Sub-sp. *LADANUM* proper (*L. Herb.*); *intermedia*, *Villars.*

Sub-sp. *ANGUSTIFOLIA*, *Ehrh.* (sp.). — *VAR. 1.* (almost glabrous). — *VAR. 2.* *canescens*, *Schultz* (sp.).

2. *dubia*, *Leers*; *villosa*, *Huds*; *ochroleuca*, *Lamk.*

3. *Tetrahit*, *L.*

Sub-sp. *TETRAHIT* proper. — *VAR. 1.* (cor. twice as long as cal. teeth). — *VAR. 2.* *bifida*, *Boenn.* (sp.).

Sub-sp. *SPECIOSA*, *Miller* (sp.); *versicolor*, *Curt.*

13\*. **LEONURUS**, *L.* MOTHERWORT.

*CARDIACA*, *L.*

14. **LAMIUM**, *L.* DEAD-NETTLE.

SECTION 1. *Lamiopsis.*

1. *purpureum*, *L.*

Sub-sp. *PURPUREUM* proper. — *VAR. 1.* (crenatures shallow). — *VAR. 2.* *decipiens*, *Sonder.*

Sub-sp. *HYBRIDUM*, *Vill* (sp.); *dissectum*, *With.*; *incisum*, *Willd.*

2. *intermedium*, *Fries.*

3. *amplexicaule*, *L.* *Henbit Dead-nettle.*

SECTION 2. *Lamiotypus.*

4. *album*, *L.*

*MACULATUM*, *L.*

SECTION 3. *Galeobdolon*, *Huds.* (gen.).

5. *Galeobdolon*, *Crantz*; *Galeobdolon luteum*, *Huds.* *Yellow Archangel.*

15. **BALLOTA**, *L.* BLACK HORN-HOUND.

1. *nigra*, *L.* *VAR. 1.* *fatida*, *Lamk.* (sp.). — *VAR. 2.* *ruderalis*, *Swartz* (sp.).

TRIBE V. **AJUGOIDEÆ.**

16. **TEUCRIUM**, *L.* GERMANDER.

SECTION 1. *Scorodonia*, *Moench* (gen.).

1. *Scorodonia*, *L.* *Wood Sage.*

SECTION 2. *Scordium*, *Benth.*

2. *Scordium*, *L.* *Water Germander.*

3. *Botrys*, *L.*

SECTION 3. **Chamædrys**, *Benth.*

*CHAMÆDRYS*, *L.*

17. **AJUGA**, *L.* BUGLE.

1. *reptans*, *L.*

2. *pyramidalis*, *L.*; *genevensis*, *var. Benth.*

3. *Chamæpitys*, *Schreber.* *Ground Pine.*

ORDER LVI. **VERBENACEÆ.**

1. **VERBENA**, *L.* VERVAIN.

I. *officinalis*, *L.*

ORDER LVII. **LENTIBULARINEÆ**

1. *Pinguicula*, *Tournef.* BUTTERWORT.

1. *vulgaris*, *L.*

Sub-sp. *VULGARIS* proper.

Sub-sp. *GRANDIFLORA*, *Lamk.* (sp.).

2. *lusitanica*, *L.*

3. *alpina*, *L.*

2. **UTRICULARIA**, *L.*

1. *vulgaris*, *L.*

2. *neglecta*, *Lehm.*

3. *intermedia*, *Hayne.*

4. *minor*, *L.*

ORDER LVIII. **PRIMULACEÆ.**

TRIBE I. **PRIMULEÆ.**

1. **PRIMULA**, *L.*

1. *vulgaris*, *Huds.* *Primrose.* *Vars. acaulis* *Jacq.*, *caulescens* and *intermedia*, (*Hybs?*, *Baker*).

2. *elatior*, *Jacq.* *Oxlip.*

3. *veris*, *L.*; *officinalis*, *Jacq.* *Cowslip*, *Faigle.*

*Hybs. bet. 1 and 3.* *elatior* of older *Bots.* probably *P. veris*, *b. elatior*, *L.*, and *P. variabilis*, *Goupil.*

4. *farinosa*, *Bird's-eye Primrose.*

5. *scotica*, *Hook.*; *VAR. acaulis.*

1\*. **CYCLAMEN**, *Tournef.* SOWBREAD.

*HEDERÆFOLIUM*, *Willd.*; *europæum*, *Sm.*

**2. LYSIMACHIA, L. LOOSE-STRIPE.**SECTION 1. *Lysimastrum, Duby.*

1. *vulgaris, L.*
2. *nemorum, L. Yellow Pimpernel.*
3. *Nummularia, L. Creeping Jenny, Money-wort.*

SECTION 2. *Naumburgia, Moench (gen.).*

4. *thyrsiflora, L.*

**3. TRIENTALIS, L. CHICKWEED-WINTER-GREEN.**

1. *europæa, L.*

**4. GLAUX, Tournef. SEA MILK-WORT.**

1. *maritima, L.*

TRIBE II. **ANAGALLIDÆ.****5. CENTUNCULUS, L. BASTARD PIMPERNEL.**

1. *minimus, L.*

**6. ANAGALLIS, Tournef. PIMPERNEL.**

1. *arvensis, L. Poor Man's weather-glass.*—VAR. 1, *phœnicea, Lamk. (sp.)*.—VAR. 2, *cærulea, Lamk. (sp.)*.
2. *tenella, L. Bog Pimpernel.*

TRIBE III. **HOTTONIÆ.****7. HOTTONIA, L. WATER-VIOLET.**

1. *palustris, L.*

TRIBE IV. **SAMOLEÆ.****8. SAMOLUS, Tournef. BROOK-WEED.**

1. *Valerandi, L.*

ORDER LIX. **PLUMBAGINÆ.****1. ARMERIA, Willd. THRIFT. SEA-PINK.**

1. *vulgaris, Willd.; maritima and alpina, Willd.; pubescens, Link.; pubigera, b scotica, Boissier; duriuscula, Bab.; Statice Armeria, L.*—VAR. *planifolia, Bosw.*
2. *plantaginea, Willd.*

**2. STATICE, L. SEA-LAVENDER.**1. *Limonium, L.*

Sub-sp. *LIMONIUM* proper.—VAR. 1, *Behen, Drejer (sp.)*.—VAR. 2, *serotina, Gren. and Godr. (sp.)*.—VAR. 3, *pyramidalis.*

Sub-sp. *BAHUSIENSIS, Fries (sp.)*; *rari-flora, Drejer.*

2. *auriculæfolia, Vahl; spathulata, Hook; binervosa, G. E. Sm.*—VAR. 1, *occidentalis, Lloyd (sp.)*.—VAR. 2, *intermedia, Syme.*—VAR. 3, *Dodartii, Gir.*

3. *bellidifolia, Gouan; caspia, Willd. ? reticulata, L.*

DIVISION III. **APETALÆ.**ORDER LX. **POLYGONEÆ.****1. POLYGONUM, L.**SECTION 1. *Bistorta, Tournef.*

1. *Bistorta, L. Bistort, Snake-root.*
2. *viviparum, L.*

SECTION 2. *Persicaria, Meissn.*

3. *amphibium, L.*—VAR. 1, *aquatium.*—VAR. 2, *terrestre.*
4. *lapathifolium, L.*

Sub-sp. 1. *LAPATHIFOLIUM* proper.—VAR. 1, *rubrum Gray.*

Sub-sp. 2. *MACULATUM, Dyer and Tri-men; nodosum, Reich; laxum E. B. Sup.*—VAR. 1, *gracile.*—VAR. 2, *densum.*

5. *Persicaria, L. Persicaria.*

Sub-sp. 1. *PERSICARIA* proper.

Sub-sp. 2, *NODOSUM, Pers. (sp.)*.

6. *mite, Schrank.*

7. *Hydropiper, L. Water-pepper.*

8. *minus, Huds.*

SECTION 3. *Avicularia, Meissn.*

9. *Aviculare, L. Knotgrass.*—VAR. 1, *vulgatum.*—VAR. 2, *littorale, Link. (sp.)*.—VARS. *agrestinum, Jord; arenastrum Boreau; microspærum, Jord; ruriagum Jord.*

10. *maritimum, L.*

Sub-sp. *MARITIMUM* proper.

Sub-sp. *RAII, Bab. (sp.)*; *Roberti, Loisel.*



SECTION 4. *Tiniaria*, Meissn.

11. *Convolvulus*, *L.* *Black Bindweed*.—VAR. 1, *Convolvulus* proper.—VAR. 2, *pseudo-dumetorum*, Wats.

12. *dumetorum*, *L.*

2. *RUMEX*, *L.* Dock.SECTION 1. *Lapathum*, Meissn.

1. *obtusifolius*, *L.*—VAR. 1, *Friesii*, Gren. and Gort. (sp.).—VAR. 2, *sylvestris*, Wallr. (sp.).

2. *acutus*, *L.*; *pratensis*, Mert. and Koch.; *conspersus*, Hartm.

3. *pulcher*, *L.* *Fiddle Dock*.

4. *maritimus*, *L.* *Golden Dock*.

Sub-sp. *MARITIMUS* proper.

Sub-sp. *PALUSTRIS*, *Sm.* (sp.); *Steini*, Becker.

5. *crispus*, *L.* VAR. *trigranulatus*, Bosw.—VAR. *subcordatus*, Warren.

6. *sanguineus*, *L.* VAR. *sanguineus* proper.—VAR. *viridis*, Sibth. (sp.); *nemosus*, Schrader.

7. *conglomeratus*, *Murray*; *acutus*, *Sm.* and *L. Herb.* VAR. *rupestris*, *Le Gall* (sp.).

8. *Hydrolapathum*, *Huds.* VAR. *latifolius*, *Borrer*.

9. *aquaticus*, *L.*; *domesticus*, *Hartman*; *longifolius*, *DC.*

*ALPINUS*, *L.* *Monk's Rhubarb*.

SECTION 2. *Acetosa*, *Tournef.*

10. *Acetosa*, *L.* *Sorrel*.

11. *Acetosella*, *L.* *Sheep's Sorrel*.

3. *OXYRIA*, *Hill.* MOUNTAIN SORREL.

1. *reniformis*, *Hook.*

ORDER LXI. *CHENOPODIACEÆ*.

## TRIBE I. (Embryo annular.)

1. *BETA*, *L.* BEET.

1. *maritima*, *L.*

2. *CHENOPODIUM*, *Tournef.* GOOSE-FOOT.SECTION 1. (*Fls.* 5-merous. *Seed* horizontal. *Annual*.)

1. *Vulvaria*, *L.*; *olidum*, *Curtis*.

2. *polyspermum*, *L.*; VAR. 1, *acutifolium*, *Sm.* (sp.).—VAR. 2, *cymo-*

*sum*, *Moq. Tand.*; VAR. *obtusifolium*, *Bosw.*

3. *album*, *L.*; VAR. 1, *candicans*, *Lamk.* (sp.).—VAR. 2, *viride*, *L.* (sp.).—VAR. 3, *paganum*, *Reich.* (sp.). VAR. *virens*. *Lond. Cat.*

4. *ficifolium*, *Sm.*

5. *urbicum*, *L.*—VAR. 1, *deltoidesum*, *Lamk.* (sp.).—VAR. 2, *intermedium*, *Mert. and Koch.* (sp.).

6. *hybridum*, *L.*

7. *murale*, *L.*

SECTION 2. (*lat Fls.* 2-4-merous. *Seed* vertical. *Annual*.)

8. *rubrum*, *L.*

Sub-sp. *RUBRUM* proper.—VAR. 1, (*Leaves* deltoid, serrate, &c.); VAR. 2, *pseudo-botryoides*, *Wats.* (*leaves* rhomboid, almost entire, &c.)

Sub-sp. *BOTRYOIDES*, *Sm.* (sp.).

9. *glaucum*, *L.*

SECTION 3. (*Perennial*.)

10. *Bonus-Henricus*, *L.* *All-good*.

3. *ATRIPLEX*, *Tournef.* ORACHE.SUB-GEN. 1. *Atriplex* proper.

1. *patula*, *L.*

Sub-sp. *PATULA* proper.—VAR. 1, *angustifolia*, *Sm.* (sp.).—VAR. 2, *erecta*, *Huds.* (sp.); VAR. *serrata*, *Eng. Bot. Ed. 3.*

Sub-sp. *HASTATA*, *L.* (sp.). VAR. 1, *hastata*, *Huds.* (sp.); *patula*, *Sm.*; *Smithii*, *Bosw.*—VAR. 2, *triangularis*, *Willd.* (sp.); *prostrata*, *Bab.*; *deltoides*, *Bab.*

Sub-sp. *BABINGTONII*, *Woods* (sp.).

2. *littoralis*, *L.*; VAR. 1, *littoralis* proper.—VAR. 2, *marina*, *L.* (sp.); *serrata*, *Huds.*

3. *laciniata*, *L.* (*Koch*); *arenaria*, *Woods*; *rossa*, *L.?* *farinosa*, *Dumort.*

SUB-GEN. 2. *Obione*, *Gærtn.* (gen.); *Halimus*, *Wallroth*.

4. *portulacoides*, *L.*

5. *pedunculata*, *L.*

## TRIBE II. (Embryo conduplicate.)

4. *SALICORNIA*, *L.*

1. *herbacea*, *L.* VAR. 1, *herbacea* proper.—VAR. 2, *procumbens*, *Sm.* (sp.).—VAR. 3, *ramosissima*, *Woods.*—VAR. 4, *pusilla*, *Woods.*

12. **Lapponum**, *L.*—**VARS.** *arenaria*, Sm. (sp. and *L.* in pt.); *Stuartiana*, Sm. (sp.); *glauca*, Sm. (sp.).
13. **Myrsinites**, *L.*; *retusa*, Dicks.—**VAR.** 1, *procumbens*, Forbes (sp.), (*levis*, Hook.).—**VAR.** 2, *arbutifolia*, Bosw.—**VAR.** 3, *serrata*, Bosw.
14. **Sadleri**, *Bosw.*
15. **Arbuscula**, *L.* Brit. forms *carinata*, Sm.; — *prunifolia*, Sm.; — *venulosa*, Sm.; — *vacciniifolia*, Walker (*livida*, Sm.).
16. **herbacea**, *L.*
17. **reticulata**, *L.*

SECTION 3. **Syndandræ**, *Anders.*

18. **purpurea**, *L.* *Purple Osier.*—**VARS.** 1, *Woolgariana*, Borr. (sp.), and *ramulosa*, Borr. 2, *Lambertiana*, Sm. (sp.) *Hyb. rubra*, Huds. bet. 10 and 18; 1, *rubra* proper; 2, *Forbyana*, Sm. (sp.); 3, *Helix*, *L.* (sp.) *Rose Willow.*—*Doniana*, Sm. (sp.) intermed. bet. 7 and 18.—*Pontederana*, Schleich, *hyb?* bet. 5 (*CINEREA*) and 18.

ORDER LXVIII. **CUPULIFERÆ.**SUB-ORDER I. **Quercinæ.**

1. **QUERCUS**, *Tournef.* OAK.
1. **Robur**, *L.* **VAR.** 1, *Sessiliflora*, Sm. (sp.).—**VAR.** 2, *pedunculata*, Ehr. (sp.).
2. **FAGUS**, *Tournef.* BEECH.
1. *sylvatica*, *L.*

SUB-ORDER II. **Corylæ.**

3. **CORYLUS**, *Tournef.* HAZEL.
1. **Avellana**, *L.*

4. **CARPINUS**, *Tournef.* HORN-BEAM.
1. **Betulus**, *L.*

ORDER LXXIV. **BETULACEÆ.**

1. **BETULA**, *Tournef.* BIRCH.

1. *alba*, *L.*

Sub-sp. **VERRUCOSA**, *Ehr.* (sp.).

Sub-sp. **GLUTINOSA**, *Fries* (sp.).—**VAR.** 1, *denudata*.—**VAR.** 2, *pubescens*.

2. *nana*, *L.*

2. **ALNUS**, *Tournef.* ALDER.

1. *glutinosa*, *L.*

ORDER LXXV. **MYRICACEÆ.**

1. **MYRICA**, *L.* SWEET-GALE, BOG-MYRTLE.

1. *Gale*, *L.*

ORDER LXXVI. **CONIFERÆ.**TRIBE I. **ABIETINÆ.**

1. **PINUS**, *L.* PINE, FR.

1. *sylvestris*, *L.* *Scotch Fir.*

TRIBE II. **CUPRESSINÆ.**

2. **JUNIPERUS**, *L.* JUNIPER.

1. *communis*, *L.* **VAR.** 1, *communis* proper.—**VAR.** 2, *nana*, *Willd.* (sp.).

TRIBE III. **TAXINÆ.**

3. **TAXUS**, *Tournef.* YEW.

1. *baccata*, *L.* **VAR.** *fastigiata*, *Lindl.* (*Irish* or *Florence-court Yew.*)

## CLASS II. MONOCOTYLEDONS.

## DIVISION I. PETALOIDEÆ.

## ORDER I. HYDROCHARIDEÆ.

1. **HYDROCHARIS**, *L.* FROG-BIT.
  1. **Morsus-Ranæ**.
2. **STRATIOTES**, *L.* WATER SOLDIER.
  1. **aloides**, *L.*
- 2.\* **ANACHARIS**, *Rich.* WATER-THYME.
 *CANADENSIS*, *Planch.*; *Alsinastrum*, *Bab.*; *Nuttallii*, *Planch.*; *Udora*, *Nutt.*

## ORDER II. ORCHIDEÆ.

## TRIBE I. OPHRYDEÆ.

1. **ORCHIS**, *L.*

SUB-GEN. 1. *Orchis* proper.

  1. **mascula**, *L.* Purple Orchis.
  2. **laxiflora**, *Lamk.*
  3. **latifolia**, *L.*; *palmata*, *Bosw.* Marsh Orchis.

Sub-sp. **LATIFOLIA** proper.

Sub-sp. **INCAENATA**, *L.* (sp.).

  4. **maculata**, *L.* Spotted Orchis.
  5. **Morio**, *L.* Green-winged Orchis.
  6. **ustulata**, *L.* Dark-winged or Dwarf Orchis.
  7. **purpurea**, *Huds.*; *militaris*, *Sm.*; *fusca*, *Jacq.*
  8. **militaris**, *L.*

Sub-sp. **MILITARIS** proper.

Sub-sp. **SIMIA**, *Lamk.* (sp.);—*tephrosanthos*, *Vill.*

SUB-GEN. 2. *Anacamptis*, *Rich.* (gen.).

  9. **pyramidalis**, *L.*

SUB-GEN. 3. *Himantoglossum*, *Rich.* (gen.).

  10. **hircina**, *L.* Lizard Orchis.
2. **GYMNADENIA**, *Br.*
  1. **Conopsea**, *Br.* Fragrant Orchis.

3. **HABENARIA**, *Br.*

1. **bifolia**, *Br.* Butterfly Orchis.
 

Sub-sp. **BIFOLIA** proper.

Sub-sp. **CHLORANTHA**, *Bab.* (sp.).
2. **viridis**, *Br.* Frog-orchis.
3. **albida**, *Br.*; *Gymnadenia*, *Rich.*
4. **NEOTINEA**, *Reich.* fl.
  1. **intacta**, *Reich.* fl.; *Tinea*, *Bivoni.*
5. **ACERAS**, *Br.* MAN ORCHIS.
  1. **anthropophora**, *Br.*
6. **HERMINIUM**, *Ar.* MUSK ORCHIS.
  1. **Monorchis**, *Br.*
7. **OPHRYS**, *L.*
  1. **apifera**, *Huds.* Bee Orchis.

Sub-sp. **APIFERA** proper; VAR. *Trollii*, *Heg.* (sp.).

Sub-sp. **ARACHNITES**, *Willd.* (sp.).

  2. **aranifera**, *Huds.* Spider Orchis.
 

VAR. 1, *aranifera* proper.—VAR. 2, *fucifera*, *Smith* (sp.).
  3. **muscifera**, *Huds.* Fly Orchis.

## TRIBE II. ARETHUSEÆ.

8. **EPIPOGIUM**, *Gmelin.*
  1. **Gmelini**, *Rich.*; *aphyllum*, *Sw.*

## TRIBE III. NEOTTIDEÆ.

9. **EPIPACTIS**, *Rich.* HELLEBORINE.
  1. **latifolia**, *Sw.*

Sub-sp. **LATIFOLIA** proper (sp.); *viridiflora*, *Hoffm.*; *purpurata*, *Sm.*; *Helleborine*, var. *varians*, *Crantz*; *media*, *Bab.*

Sub-sp. **VRIDANS**; *Helleborine*, var. *viridans*, *Crantz.*

Sub-sp. **RUBIGINOSA**, *Koch* (sp.); *ovalis*, *Bab.*; *media*, *Fries*; *Helleborine*, var. *rubiginosa*, *Crantz.*

2. *palustris*, L.
10. **CEPHALANTHERA**, *Richard.*
1. *grandiflora*, Bab. *White Helleborine.*
  2. *ensifolia*, *Rich.*
  3. *rubra*, *Rich.*, *Red Helleborine.*
11. **NEOTTIA**, L. BIRD'S-NEST ORCHIS.
1. *Nidus-avis*, L.
12. **LISTERA**, Br.
1. *ovata*, Br. *Tway-blade.*
  2. *cordata*, Br. *Lesser Tway-blade.*
13. **GOODYERA**, Br.
1. *repens*, Br.
14. **SPIRANTHES**, *Rich.* LADY'S-TRESSES.
1. *autumnalis*, *Rich.*
  2. *æstivalis*, *Rich.*
  3. *Romanzoviana*, *Cham.*; *cernua*, *Hook.*; *gemmipara*, *Lindl.*
- TRIBE IV. **MALAXIDEÆ.**
15. **MALAXIS**, Sw.
1. *paludosa*, Sw. *Bog Orchis.*
16. **LIPARIS**, *Rich.*
1. *Loeselii*, *Rich.*, *Sturmia*, *Reich.* *Fen Orchis.*
17. **CORALLORHIZA**, *Haller.* CORAL-ROOT.
1. *innata*, Br.
- TRIBE V. **CYPRIPIDEÆ.**
18. **CYPRIPEDIUM**, L. LADY'S SLIPPER.
1. *Calceolus*, L.

ORDER III. **IRIDEÆ.**

1. **ROMULEA**, *Maratti.*
  1. *Columnæ*, *Seb.* and *Maur.*; *Trichonema*, *Reich.*
- 1\*. **SISYRINCHIUM**, L. BLUE-EYED GRASS.

BERMUDIANUM, L.; *anceps*, Bab.

1\*. **CROCUS**, L.

NUDIFLORUS, L.

VERNUS, L. *Purple Crocus.*

2. **IRIS**, L.

1. *Pseudo-acorus*, L. *Yellow Flag.*
2. *foetidissima*, L. *Fetid Iris,* *Roast-beef plant.*

3. **GLADIOLUS**, L.

1. *communis*, L.; var. *illyricus*, *Koch* (sp.); *imbricatus*, Bab.

ORDER IV. **AMARYLLIDEÆ.**

1. **NARCISSUS**, L.

1. *Pseudo-narcissus*, L. *Daffodil,* *Lent Lily.* VAR. 1, *Pseudo-narcissus* proper.—VAR. 2, *Bromfieldii*, *Bosw.* BIFLORUS, *Curt.*

2. **GALANTHUS**, L. SNOWDROP.

1. *nivalis*, L.

3. **LEUCOJUM**, L. SNOW-FLAKE.

1. *æstivum*, L.
2. *vernum*, L.

ORDER V. **DIOSCOREÆ.**

1. **TAMUS**, L. BLACK BRYONY.

1. *communis*, L.

ORDER VI. **ALISMACEÆ.**

TRIBE I. **ALISMEÆ.**

1. **ALISMA**, L.

1. *Plantago*, L. *Water Plantain.*—VAR. 1, *Plantago* proper.—VAR. 2, *lanceolatum*, *With.* (sp).
2. *ranunculoides*, L. VAR. 1, *ranunculoides* proper.—VAR. 2, *repens*, *Daves* (sp).
3. *natans*, L.

2. **ACTINOCARPUS**, Br. STAR-FRUIT.

1. *Damasonium*, Br.; *Damasonium stellatum*, Pers.

**SAGITTARIA, L.***sagittifolia, L. Arrow-head.***TRIBE II. JUNCAGINEÆ.****TRIGLOCHIN, L.***palustre, L.**maritimum, L.***SCHEUCHZERIA, L.***palustris, L.***TRIBE III. BUTOMEÆ.****BUTOMUS, L. FLOWERING RUSH.***umbellatus, L.***ORDER VII. NAIADEÆ.****TRIBE I. POTAMEÆ.****POTAMOGETON, L.**

SECTION 1. (leaves broad, alternate; pules free.)

*natans, L.*-sp. *NATANS* proper.-sp. *POLYGONIFOLIUS, Pourret (sp.); longus, Viviani. VAR. linearis, Bosw.*-sp. *PLANTAGINEUS, Ducros.*-sp. *KIRKII, Bosw.; sparganiiifolius, Bab.**rufescens, Schrad.; fluitans, Sm.**heterophyllus, Schreb.*-sp. *HETEROPHYLLUS* proper; *graminus, Fries and Koch.*-sp. *NITENS, Weber.*-sp. ? *LONCHITIS, Tuckerman (sp.); salicifolius, Wulfg. ?**lanceolatus, Sm.**lucens, L.—VAR. 1, lucens* proper.—*VAR. 2, acuminatus, Schum. (sp.); longifolius, Gay.—VAR. 3, decipiens, Nolte (sp.).**prælongus, Wulf.**perfoliatus, L.**crispus, L.*

SECTION 2. (leaves opposite, exstipulate.)

*densus, L.*

SECTION 3. (leaves narrow, alternate.)

-sp. *COMPRESSUS, L.; zosteræfolius, Schum.; cuspidatus, Sm.*-sp. *COMPRESSUS* proper.-sp. *ACUTIFOLIUS, Link (sp.).*-sp. *obtusifolius, Mert. and Koch. gramineus, Sm.*12. *pusillus, L.—VAR. 1, pusillus* proper.—*VAR. 2, tenuissimus, Fries (sp.). gracilis, Bab.—VAR. 3, mucronatus, Schrad.; compressus, Sm.*13. *trichoides, Cham.*

SECTION 4. (stipules adnate to leaves).

14. *pectinatus, L.*Sub-sp. *PECTINATUS* proper.—*VAR. marinus, Huds.*Sub-sp. *FLABELLATUS, Bab. (sp.); zosteræceus, Bab.*Sub-sp. *FILIFORMIS, Pers. (sp.); marinus, Linn. Herb.***2. RUPPIA, L.**1. *maritima, L.*Sub-sp. *MARITIMA* proper; *spiralis, Hartm.*Sub-sp. *ROSTELLATA, Koch. (sp.).***3. ZANNICHELLIA, L. HORNED POND-WEED.**1. *palustris, L.*Sub-sp. *BRACHYSTEMON, Gay (sp.); palustris E.B.; major, Bonn.*Sub-sp. *PEDUNCULATA, Reich. (sp.); pedicellata, E.B.*Sub-sp. *POLYCARPA, Nolte (sp.).*Sub-sp. *MACROSTEMON, Gay (sp.); palustris, Boreau.***TRIBE II. NAIADEÆ.****4. ZOSTERA, L. GRASSWRACK.**1. *marina, L.—VAR. 1, marina* proper.—*VAR. 2, angustifolia, Bosw.*2. *nana, Roth.***5. NAIAS, L.**1. *flexilis, Rostkov.***ORDER VIII. LILLIACEÆ.**

SERIES 1. (Rootstock creeping. Fruit a berry.)

**TRIBE I. TRILLIDEÆ.****1. PARIS, L. HERB PARIS.**1. *quadrifolia, L.***TRIBE II. ASPARAGINEÆ.****2. ASPARAGUS, L. ASPARAGUS.**1. *officinalis, L.***3. RUSCUS, L. BUTCHER'S BROOM.**

## THE STUDENT'S CATALOGUE

1. *aculeatus*, L.
4. **CONVALLARIA**, L. LILY OF THE VALLEY.
1. *majalis*, L.
5. **POLYGONATUM**, Tournef.
1. *verticillatum*, All.
2. *multiflorum*, All. *Solomon's Seal*.
3. *officinale*, All.

6. **SMILACINA**, Desf.
1. *bifolia*, Desf.; *Maianthemum*, DC.
- SERIES 2. (Root of thick fleshy fibres, Fruit capsular.)

### TRIBE III. ANTHERICEÆ.

7. **SIMETHIS**, Kunth.
1. *bicolor*, Kunth; *planifolia*, Woods.
- SERIES 3. (Root bulbous, Fruit capsular.)

### TRIBE IV. LILIEÆ.

8. **SCILLA**, L. SQUILL.
- SECTION 1. (anthers purple, seeds angular).
1. *verna*, Huds.
2. *autumnalis*, L.
- SECTION 2. (anthers yellow, seeds subglobose.)

3. *nutans*, Sm.; *Agraphis*, Link; *Hyacinthus nonscriptus*, L. *Bluebell*, *Wild Hyacinth*.

9. **MUSCARI**, Tourn. GRAPE HYACINTH.
1. *racemosum*, Miller.

10. **ORNITHOGALUM**, L.
1. *pyrenaicum*, L.
- umbellatum*, L. *Star of Bethlehem*.
- nutans*, L.

11. **ALLIUM**, L.

#### SECTION I. PORRUM.

1. *vineale*, L. *Crow Garlic*. VAR. 1, *vineale* proper.—VAR. 2, *cap-suliferum*, Bosw.—VAR. 3, *compactum*, Thuill. (sp.).
2. *sphærocephalum*, L.
3. *Scorodoprasum*, L.; *arenarium*, Sm. *Sand Leek*.
4. *Ampeloprasum*, L. *Wild Leek*.

- VAR. 1, *Ampeloprasum* proper.—VAR. 2, *bulbiferum*, Bosw.—VAR. 3, *Babingtonii*, Borrer (sp.); *Halleri*, Bab.

#### SECTION 2. Codonoprasum.

5. **Schcenoprasum**, L. *Chives*.—VAR. 1, *Schcenoprasum* proper.—VAR. 2, *sibiricum*, L. (sp.); *arenarium*, Sm.
6. *oleraceum*, L. *Field Garlic*. VAR. 1, *oleraceum* proper.—VAR. 2, *com-planatum*, Fries (*Boreau*, sp.); *carinatum*, Sm.
7. *carinatum*, L.
8. *triquetrum*, L.
9. *ursinum*, L. *Ramsons*.

12. **GAGEA**, Salisb.

1. *lutea*, Ker. *Yellow Star of Bethlehem*.

13. **LLOYDIA**, Salisb.

1. *serotina*, Reich.

14. **FRITILLARIA**, L.

1. *Meleagris*, L. *Snake's Head*.

- 14\*. **TULIPA**, L.

- Sylvestris*, L. *Wild Tulip*.

- 14\*\*. **LILIUM**, L.

- Martagon*, L. *Purple Martagon Lily*.

- SERIES 4. (Rootstock creeping. Fruit capsular.)

### TRIBE V. COLCHICEÆ.

15. **COLCHICUM**, L. MEADOW SAFRON.

1. *autumnale*, L.

### TRIBE VI. VERATREÆ.

16. **TOFIELDIA**, Hudson.

1. *palustris*, Huds.; *borealis*, Wahl.

### TRIBE VII. NARTHECIEÆ.

17. **NARTHECIUM**, Hudson. BOG ASPHODEL.

1. *ossifragum*, Huds.

### ORDER IX. JUNCEÆ.

1. **JUNCUS**, L. RUSH.

#### SECTION 1. Rootstock perennial, Stems not septate.)

1. *communis*, Meyer.—VAR. 1, *effusus*, L. (sp.).—VAR. 2, *conglomeratus*, L. (sp.).
2. *glaucus*, Ehr.

- Sub-sp. ? *DIFFUSUS*, *Hoppe* (sp.).  
 3 *balticus*, *Willd.* ; *arcticus*, *Hook.*  
 4. *filiformis*, *L.*  
 5. *acutus*, *L.*  
 6. *maritimus*, *Sm.*  
 7. *triglumis*, *L.*  
 8. *biglumis*, *L.*  
 9. *castaneus*, *L.*  
 10. *trifidus*, *L.*  
 11. *squarrosus*, *L.*  
 12. *compressus*, *Jacq.* ; *bulbosus*, *L.*

Sub-sp. *COMPRESSUS* proper.

Sub-sp. *GERARDI*, *Loisel.* (sp.) ; *bottnicus*, *Wahl.* ; *cænosus*, *Bich.*

SECTION 2. (Perennial. Stems septate.)

13. *obtusiflorus*, *Ehr.*  
 14. *articulatus*, *L.*

Sub-sp. *ARTICULATUS* proper ; *acutiflorus*, *Ehr.*

Sub-sp. *SUPINUS*, *Moench* (sp.).—VAR. 1, *uliginosus*, *Sibth.* (sp.).—VAR. 2, *subverticillatus*, *Wulf.* (sp.).—VAR. 3, *Kochii*, *Bab.* ; *nigritellus*, *Koch.*

Sub-sp. *LAMPROCARPUS*, *Ehr.*

SECTION 3. (Annual.)

15. *bufonius*, *L.*  
 16. *capitatus*, *Weigel.*  
 17. *pygmæus*, *Rich.*

2. *LUZULA*, *DC.* WOOD-RUSH.

1. *sylvatica*, *Bich.*  
 2. *pilosa*, *Willd.* — VAR. *Borreri*, *Bromf.*  
 3. *Forsteri*, *DC.*  
 4. *campestris*, *Willd.* — VAR. 1, *campestris* proper.—VAR. 2, *congesta*, *Sm.* (sp.) ; *multiflora*, *Lej.* ; *sudetica*, *DC.*  
 5. *spicata*, *DC.*  
 6. *arcuata*, *Hook.*

#### ORDER X. AROIDEÆ.

SUB-ORDER 1. AROIDEÆ proper.

1. *ARUM*, *L.* CUCKOO-PINT, LORDS AND LADIES.

1. *maculatum*, *L.*

2. *italicum*, *Miller.*

SUB-ORDER 2. ORONTIACEÆ.

2. *ACORUS*, *L.* SWEET-FLAG.

1. *calamus*, *L.*

#### ORDER XI. LEMNACEÆ.

1. *LEMNA*, *L.* DUCKWEED.

SUB-GEN. 1. *Lemna* proper.

1. *minor*, *L.*

2. *trisulca*, *L.* Ivy-leaved Duckweed.

SUB-GEN. 2. *Telmatophaea*, *Schleiden* (gen.).

3. *gibba*, *L.*

SUB-GEN. 3. *Spirodela*, *Schleiden* (gen.)

4. *polyrhiza*, *L.*

2. *WOLFFIA*, *Horkel.*

1. *arrhiza*, *Wimm.*

#### ORDER XII. TYPHACEÆ.

1. *SPARGANIUM*, *L.* BUR-REED.

1. *ramosum*, *Hudson.*

2. *simplex*, *Huds.*

3. *natans*, *L.*—VAR. 1, *affine*, *Schn.* (sp.).—VAR. 2, *minimum*, *Fries* (sp.).

2. *TYPHA*, *L.* REED-MACE, CAT'S-TAIL, BULLRUSH.

1. *latifolia*, *L.* ; *media*, *DC.*

2. *angustifolia*, *L.*

#### ORDER XIII. ERIOCAULONEÆ.

1. *ERIOCAULON*, *L.* PIPE-WORT.

1. *septangulare*, *With.*

#### ORDER XIV. CYPERACEÆ.

##### TRIBE I. SCIRPEÆ

1. *SCIRPUS*, *L.*

1. *lacustris*, *L.* Bullrush.

Sub-sp. *LACUSTRIS* proper.

Sub-sp. *TABERNEMONTANI*, *Gmel.* (sp.) ; *glauca*, *Sm.*

Sub-sp. **CARINATUS**, Sm. (sp.).

2. *triqueter*, L.
3. *Rothii*, Hoppe; *pungens*, Vahl.
4. *maritimus*, L.
5. *sylvaticus*, L.

2. **ISOLEPIS**, Br.

1. *setacea*, Br.
2. *Savii*, Schultes.—VAR. *b. monostachys*; *pygmaea*, Kunth.
3. *fluitans*, Br.; *Eleogiton*, Link.
4. *Holoschoenus*, R and S.

3. **ELEOCHARIS**, Br.

1. *palustris*, Br.—VAR. 1, *palustris* proper.—VAR. 2, *uniglumis*, Link (sp.).—VAR. 3, *Watsoni*, Bab. (sp.).
2. *multicaulis*, Sm.
3. *acicularis*, Sm
4. *caespitosa*, Link.
5. *pauciflora*, Link.
6. *parvula*, Hook.

4. **BLYSMUS**, Panzer.

1. *compressus*, Panz.
2. *rufus*, Link.

5. **ERIOPHORUM**, L. COTTON-GRASS.

1. *vaginatum*, L.
2. *alpinum*, L.
3. *polystachyon*, L.

Sub-sp. **ANGUSTIFOLIUM** proper, Roth (sp.); *gracile*, Sm.

Sub-sp. **LATIFOLIUM**, Hoppe (sp.); *pubescens*, Sm.

4. *gracile*, Koch.

TRIBE II. **RHYNCHOSPOREÆ.**

6. **CLADIUM**, P. Brown.

1. *Mariscus*, Br.

7. **RHYNCHOSPORA**, Vahl.

1. *alba*, Vahl.
2. *fusca*, R and S.

TRIBE III. **CYPEREÆ.**

8. **SCHCENUS**, L.

1. *nigricans*, L.

9. **CYPERUS**, L.

1. *longus*, L. *Galingale*.
2. *fuscus*, L.

TRIBE IV. **CARICINEÆ.**

10. **KOBRESIA**, Willd.

1. *caricina*, Willd.

11. **CAREX**, L. SEDGE.

SECTION 1. (*Spikelet solitary, terminal*).

- 1. *pauciflora*, Light.
2. *pulicaris*, L.
3. *dioica*, L.
4. *rupestris*, All.

SECTION 2. (*Spikelets most or all 2-sexual, Stigmas 2.*)

5. *incurva*, Light.
6. *divisa*, Huds.
7. *disticha*, Huds.; *intermedia*, Good.
8. *arenaria*, L.
9. *paniculata*, L.

Sub-sp. **PARADOXA**. Willd. (sp.).

10. *teretiusscula*, Good.
11. *muricata*, L.

Sub-sp. **MURICATA** proper.

Sub-sp. **DIVULSA**, Good. (sp.).

12. *vulpina*, L.
13. *stellulata*, Good.; *echinata*, Murr.
14. *remota*, L.; *tenella*, Sm.
15. *axillaris*, wood.

Hyb? *Banninghauseniana*, Weihe, det. 14 and 15.

16. *leporina*, L.; *ovalis*, Good.
17. *canescens*, L.; *curta*, Good. VAR. 1, *canescens* proper.—VAR. 2, *alpicola*, Wahl.; *vitilis*, Fries.
18. *lagopina*, Wahl.; *leporina*, L. in part.
19. *elongata*, L.

SECTION 3. (*Spikelets, 2-4 lower wholly female, upper male at base only, stigmas 3.*)

20. *Buxbaumii*, Wahl.; *canescens*. Auct.; *polygama*, Schkuhr.
21. *alpina*, Swartz.; *Vahlisii*, Schk.



22. *atrata*, L.SECTION 4. (*Spikelets* mainly 1-sexual,  
lower all or chiefly female.)23. *rigida*, Good.24. *acuta*, L.; *gracilis*, Curtis.25. *stricta*, Good.; *cæspitosa*, Gay.26. *aquatilis*, Wahl.—VAR. 1, *aquatilis* proper.—VAR. 2, *minor*, Boott.  
Var. *Watsoni*, Bosw.27. *vulgaris*, Fries; *cæspitosa*, Sm.;  
*Goodenovii*, Gay.—VAR. ? *Gibsoni*, Bab.  
(sp.).28. *limosa*, L.Sub-sp. *IRRIGUA*, Hoppe, (sp.).29. *rariflora*, Sm.30. *glauca*, Scop.—VAR. 1, *glauca*  
proper; *recurva*, Huds.—VAR. 2,  
*Micheliana*, Sm. (sp.).—VAR. 3, *stictocarpa*,  
Sm. (sp.).31. *pallescens*, L.32. *panicea*, L.33. *vaginata*, Tausch; *salina*, Don;  
*Mielichhoferi*, and *phæostachya*, Sm;  
*scotica*, Spr.; *sparsiflora*, Steud.34. *capillaris*, L.35. *pendula*, Huds.36. *præcox*, Jacq.37. *tomentosa*, L.38. *pilulifera*, L.39. *montana*, L.; *collina*, Willd.40. *ericetorum*, Poll.41. *digitata*, L.42. *ornithopoda*, Willd.43. *humilis*, Leyss; *elandestina*, Good.44. *hirta*, L. Var. *hirtiformis*, Pers.  
var. *ebracteata*.45. *filiformis*, L.46. *extensa*, Good.47. *flava*, L.—VAR. 1, *flava* proper.—  
VAR. 2, *Ederi*, Ehr. (sp.).—VAR. 3,  
*lepidocarpa*, Tausch (sp.).48. *distans*, L.Sub-sp. *DISTANS* proper.Sub-sp. *FULVA*, Good. (sp.).—VAR. 1,  
(bracts long).—VAR. 2, *Hornschuchiana*,  
Hoppe (sp.) (bracts shorter); *spirostachya*,  
Sm.49. *binervis*, Sm.50. *lævigata*, Sm.51. *punctata*, Gaud.52. *frigida*, Allioni.53. *depauperata*, Good.54. *sylvatica*, Huds.55. *strigosa*, Huds.56. *vesicaria*, L.Sub-sp. *VESICARIA* proper.—VAR. *Grahami*,  
Boott. (sp.).Sub-sp. *SAXATILIS*, L. (sp.); *pulla*, Good.;  
*vesicaria* var. *alpigena*, Fries.57. *ampullacea*, Good.58. *Pseudo-cyperus*, L.59. *paludosa*, Good.60. *riparia*, Curtis.

## ORDER XV. GRAMINEÆ.

SERIES I. CLISANTHÆ, Fries.  
(*Spikelets* closed in flower.)

## TRIBE I. PANICEÆ.

1. *PANICUM*, L.SUB-GEN. 1. *Digitaria*, Scop. (gen.).1. *glabrum*, Gaud.; *Digitaria humifusa*,  
Pers.SUB-GEN. 2. *Echinochloa*, Beauv.  
(gen.).

CRUS-GALLI, L.

2. *SETARIA*, Beauv.1. *viridis*, Beauv.

VERTICILLATA, Beauv.

## TRIBE II. PHALARIDÆ.

3. *NARDUS*, L. MAT-WEED.1. *stricta*, L.4. *SPARTINA*, Schreber.1. *stricta*, Roth.Sub-sp. *STRICTA* proper.Sub-sp. *ALTERNIFLORA*, Loisel. (sp.).5. *CHAMAGBOSTIS*, Borkh.1. *minima*, Borkh.; *Sturmi aminima*,  
Hoppe; *Mibora verna*, Adans.; *Knappia*  
*agrostidea*, Sm.6. *PHLEUM*, L. CAT'S-TAIL GRASS.

1. *pratense*, L. *Timothy-grass*.—  
VAR. 1, *pratense* proper.—VAR. 2,  
*nodosum*, L. (sp.).
2. *alpinum*, L.
3. *arenarium*, L.
4. *Boehmeri*, *Wibel*.
7. **ALOPECURUS**, L. FOX-TAIL GRASS.
1. *agrestis*, L.
2. *alpinus*, Sm.—Var. *Watsoni*, Bosw.
3. *pratensis*, L.
4. *bulbosus*, L.
5. *geniculatus*, L.
6. *fulvus*, Sm.
8. **PHALARIS**, L.
- SUB-GEN. 1. *Phalaris* proper.  
CANARIENSIS. *Canary grass*.
- SUB-GEN. 2. *Digraphis*, Trin (gen.).
1. *arundinacea*, L.
9. **ANTHOXANTHUM**, L. VERNAL GRASS.
1. *odoratum*, L.  
FUELI, *Lecoq and Lamotte*.
10. **HIEROCHLOE**, *Gmelin*, HOLY GRASS.
1. *borealis*, R. and S.
11. **SESLERIA**, Scop.
1. *cærulea*, Scop.
- SERIES II. **EURYANTHÆ**. *Fries*.  
(*Spikelets open in flower*.)
- TRIBE III. **POACEÆ**.
- SUB-TRIBE **Agrostideæ**.
12. **AGROSTIS**, L. BENT.
- SUB-GEN. 1. *Trichodium*, Michx. (gen.)
1. *canina*, L.
2. *setacea*, Curt.
- SUB-GEN. 2. *Agrostis* proper.
3. *vulgaris*, *With*.—VAR. 1, *vulgaris* proper.—VAR. 2, *pumila*, L. (sp.).
4. *alba*, L. *Fiorin Grass*. Var. *stolnifera*, L. (*β subrepens*, Bab.)
- SUB-GEN. 3. *Apera*, Beauv. (gen.).
5. *Spica-venti*, L.; *Anemagrostis*, Bosw.
- Sub-sp. SPICA-VENTI proper.  
Sub-sp. INTERRUPTA, L. (sp.).
- SUB-GEN 4. **Gastridium**, Beauv. (gen.)
6. *australis*, L. *Gastridium lendigerum*, Gaud. *Nit-grass*.
13. **MILIUM**, L. MILLET-GRASS.
1. *effusum*, L.
14. **POLYPOGON**, Desf. BEARD-GRASS.
1. *monspeliensis*, Desf.
2. *littoralis*, Sm.
15. **LAGURUS**, L. HARE'S-TAIL GRASS.
1. *ovatus*, L.
16. **PSAMMA**, Beauv. MARREN-GRASS.
1. *arenaria*, R and S; *Ammophila arundinacea*, Host.
2. *baltica*, Roem. and Schultes.
17. **CALAMAGROSTIS**, Adans.
- SUB-GEN. 1. *Calamagrostis* proper.
1. *Epigejos*, Roth.
2. *lanceolata*, Roth.; *Arundo calamagrostis*, L.
- SUB-GEN. 2. *Deyeuxia*, Beauv.
3. *stricta*, Nutt; *lapponica*, Hook.—  
VAR. 1, *stricta* proper.—VAR. 2,  
*Hookeri*, Bosw.
- SUB-TRIBE. **Oryzæ**.
18. **LEERSIA**, Soland.
1. *oryzoides*, Swartz.
- SUB-TRIBE. **Chlorideæ**.
19. **CYNODON**, Rich. DOG'S-TOOTH GRASS.
1. *Dactylon*, Pers. *Doab and Bermuda Grass*.
- SUB-TRIBE. **Avenaceæ**.
20. **AIRA**, L.
- SUB-GEN. 1. *Deschampsia*, Beauv. (gen.).
1. *flexuosa*, L.—VAR. 1, *montana*, L. (sp.).—VAR. 2, *uliginosa* *Weibe*, (sp.); *setacea*, Huds.
2. *cæspitosa*, L.; *major*, Bosw.
- Sub-sp. CÆSPITOSA proper.

Sub-sp. **ALPINA**, L. (sp.); *lavigata*, Sm.

SUB-GEN. 2. **Airopsis**, Desv. (gen.).

3. **caryophyllæa**, L.

4. **præcox**, L.

SUB-GEN. 3. **Corynephorus**, Beauv. (gen.).

5. **canescens**, L.

21. **AVENA**, L. OAT.

SUB-GEN. 1. **Avena** proper.

1. **fatua**, L.

STRIGOSA, Schreb.

2. **pratensis**, L. — VAR. 1, *pratensis* proper. — VAR. 2, *alpina*, Kunth (sp.); *planiculmis*, Sm.

3. **pubescens**, L.

SUB-GEN. 2. **Trisetum**, Pers. (gen.).

4. **flavescens**, L.

SUB-GEN. 3. **Arrhenatherum**, Beauv. (gen.).

5. **elatior**, L.; *Arrhenatherum avenaceum*, Beauv.

22. **HOLCUS**, L.

1. **lanatus**, L.

2. **mollis**, L.

23. **TRIODIA**, Br.

1. **decumbens**, Beauv, *Danthonia*, DC.

SUB-TRIBE Festuceæ.

24. **PHRAGMITES**, Trin. REED.

1. **communis**, Trin.; *Arundo Phragmites*, L.

25. **MELICA**, L.

1. **nutans**, L.

2. **uniflora**, Retz.

26. **DACTYLIS**, L. COCK'S-FOOT GRASS.

1. **glomerata**, L.

27. **KOELERIA**, Pers.

1. **cristata**, Pers.

28. **MOLINIA**, Schrank.

1. **cærulea**, Moench; *Enodium*, Gaud. VAR. 1, *cærulea* proper. — VAR. 2, *depau-perata*, Lindl. (sp.).

29. **POA**, L. MEADOW-GRASS.

1. **annua**, L.

2. **pratensis**, L.; VARS. *subcærulea*, Sm.; *angustifolia*, L. (sp.); *strigosa*, Gaud.

3. **compressa**, L. — VARS. *subcompressa*, Parn.; *polynoda*, Parn.

4. **trivialis**, L. Var. *b. Koeleri* DC. (sp.).

5. **nemoralis**, L. — VAR. 1, *nemoralis* proper. — VAR. 2, *Parnellii*, Bab. (sp.). — VAR. 3, *glauca*, Sm.; *Balfourii*, Parn.; *montana*, Parn.

6. **laxa**, Haenke.

Sub-sp. 1, **LAXA** proper; *flexuosa*, Sm.; *minor*, Bab.

Sub-sp. 2, **STRICTA**, Lind. (sp.); *laxa*, Bab. (ed. vi.)

7. **alpina**, L.

8. **bulbosa**, L.

30. **CATABROSA**, Beauv.

1. **aquatica**, Beauv. — VAR. *littoralis*, Parn.

31. **GLYCERIA**, Br. MANNA GRASS.

SECTION 1. **Glyceria** proper.

1. **aquatica**, Sm.; *spectabilis*, Mert and Koch.

2. **fluitans**, Br.

Sub-sp. **FLUITANS** proper.

Sub-sp. **PLICATA**, Fries. (sp.); *pedicellata*, Towns.

SECTION 2. **Sclerochloa**, Beauv. (gen.)

3. **maritima**, Wahlb.

4. **distans**, Wahlb; *Scl. multiculmis*, Bosw.

Sub-sp. **DISTANS** proper.

Sub-sp. *Borreri*, Bab. (sp.); **CONFERTA**, Fries.

5. **procumbens**, Sm.

6. **rigida**, Sm.

7. **loliacea**, Watson; *Poa*, Huds.; *Sclerochloa*, Woods.

32. **BRIZA**, L. QUAKING GRASS.

1. **media**, L.

2. **minor**, L.

**33. FESTUCA, L. FESCUE GRASS.****SECTION 1. Schenodorus, Beauv.**

1. *elatior, L.*
2. *pratensis, Huds.*—VAR. 1, *pratensis* proper.—VAR. 2, *lohiacea, Huds.* (sp.).
3. *gigantea, Vill.*; Gen. *Bromus, L.*
4. *sylvatica, Vill.*; *Calamaria, Sm.*

**SECTION 2. Festuca proper.**

5. *ovina, L.*

Sub-sp. *OVINA* proper.—VAR. 1, *ovina* proper.—VAR. 2, *tenuifolia, Sibth.* (sp.).  
VAR. 3, *glauca, (sp.)*.—VAR. 4. *major, Bosw.*

Sub-sp. *DURIUSCULA, L. (sp.)*. *cæsia, Sm.*

Sub-sp. *RUBRA, L. (sp.)*.—VAR. *arenaria, Osb. (sp.)*; *sabulicola, Duf.*; *rubra, Sm.*

**SECTION 3. Vulpia, Gmel, (gen.).**

6. *Myurus, L.*

Sub-sp. *MYURUS* proper; *pseudo-myurus, Koch.*—VAR. *ambigua, Le Gall (sp.)*.

Sub-sp. *SCIUROIDES, Roth. (sp.)*; *bromoides, Sm.*

7. *uniglumis, L.*

**34. BROMUS, L. BROME GRASS.****SECTION 1. Bromus proper.**

1. *asper, Murr.*; *ramosus, Huds.*  
VAR. 1, *serotinus, Benek. (sp.)*.—  
VAR. 2, *Benekenii, Bosw.*
2. *erectus, Huds.*
3. *sterilis, L.*
4. *madritensis, L.*—VAR. 1, *madritensis* proper.—Var. *Curtisii, Bab., diandrus, Curt.*—VAR. 2, *rigidus, Roth (sp.)*.

5. *maximus, Desf.*

**SECTION 2. Serrafalcus, Parl.**

6. *mollis, L.* Vars. *glabrescens* and *Lloydianus Bosw. (molliformis, Lloyd.)*.
7. *racemosus, L.*—VAR. 2, *commutatus, Schrad. (sp.)*; *pratensis, Ehr., arvensis, Sm.*
8. *secalinus, L.*  
*ARVENENSIS, L.*

**35. CYNOSURUS, L. DOG'S-TAIL GRASS.**

1. *cristatus, L.*
2. *echinatus, L.*

**SUB-TRIBE Hordeaceæ.****36. BRACHYPODIUM, Beauv.**

1. *sylvaticum, R. and S.*
2. *pinnatum, Beauv.*

**37. TRITICUM, L. WHEAT.**

1. *caninum, Huds.*
2. *repens, L. Couch-grass.*

Sub-sp. 1. *REPENS* proper.—VAR. 1, *repens* proper.—VAR. 2, *barbatum.*—VAR. 3, *obtusum.*

Sub-sp. 2. *PUNGENS, Ræm. and Sch. (sp.)*.—VAR. 1, *pungens* proper.—VAR. 2, *littorale, Reich. (sp.)*.—VAR. 3, *pycnanthum, Gren. and Godon. (sp.)*.

Sub-sp. 3, *ACUTUM, DC. (sp.)*; *lazum, Fries.*

3. *juncum, L.*

**38. LOLIUM, L. RYE-GRASS.**

1. *perenne, L.*; *tenuis, L.*; N.B. CULT. FORMS *italicum, A. Br.*; *multiflorum, Lamk*; *perenne, var. aristatum.*
2. *temulentum, L. Darnel.* VAR. *arvense, With. (sp.)*.

**39. LEPTURUS, Br.**

1. *filiformis, Trin.*—VAR. 1, *filiformis* proper.—VAR. 2, *incurvatus, Trin. (sp.)*.

**40. ELYMUS, L. LYME-GRASS.**

1. *arenarius, L.*

**41. HORDEUM, L. BARLEY.**

1. *sylvaticum, Huds. Elymus europæus, L.*
2. *pratense, Huds.*
3. *marinum, L. Way-bent, Barley-grass.*
4. *maritimum, With.; Squirrel-tail grass.*

## CLASS III. ACOTYLEDONES OR CRYPTOGRAMS.

## DIVISION I. VASCULARES.

## ORDER I. FILICES.

## TRIBE I. HYMENOPHYLLÆ.

1. **HYMENOPHYLLUM**, Sm. FILMY-FERN.

1. *tunbridgense*, Sm.
2. *unilaterale*, Willd.; *Wilsoni*, Hook.

2. **TRICHOMANES**, L. BRISTLE-FERN.

1. *radicans*, Sw.—VAR. 1, *speciosum*, Willd. (sp.); *brevisetum*, Br.; *Hymenophyllum alatum*, Sm.—VAR. 2, *Andrewsii*, Newm. (sp.).

## TRIBE II. POLYPODIEÆ.

3. **ADIANTUM**, MAIDEN-HAIR.

1. *Capillus-Veneris*, L.

4. **PTERIS**, BRAKE OR BRACKEN.

1. *aquilina*, L.

5. **CRYPTOGRAMME**, Br. PAR-SLEY-FERN, ROCK-BRAKE.

1. *crispa*, Br.; Gen. *Allosorus*, Bernh.

6. **LOMARIA**, Willd. HARD-FERN.

1. *Spicant*, Desv.; *Blechnum boreale*, Sw.

7. **ASPLENIUM**, L. SPLEENWORT.SUB-GEN. 1. **Asplenium** proper.

1. *Ruta-muraria*, L.
2. *germanicum*, Weiss; *alternifolium*, Wulf.
3. *septentrionale*, Hull.
4. *Trichomanes*, L.—VAR. *anceps*, Sol. (sp.).
5. *viride*, Huds.
6. *marinum*, L.

7. *lanceolatum*, Huds.8. **Adiantum-nigrum**, L.—VAR. *acutum*, Bory (sp.).—VAR. *obtusum*.SUB-GEN. 2. **Athyrium**, Roth (gen.).9. **Filix-fœmina** Bernh.—VAR. 1 *Filix-fœmina* proper; *Ath. latifolium*, Bab.—VAR. 2, *rheticum*, Roth (sp.). VAR. *convexum*, Newm.—VAR. 3, *molle*, Roth. (sp.).—VAR. 4, *incisum*, Hoffm. (sp.).SUB-GEN. 3. **Ceterach**, Willd. (gen. *Hemidictyum*, Presl.10. **Ceterach**, L. *Cet. officinarum*, Desv.8. **SCOLOPENDRIUM**, Sw. HART'S-TONGUE.

1. *vulgare*, Sm.

9. **WOODSIA**, Br.

1. *hyperborea*, Br.
2. *ilvensis*, Br.

10. **CYSTOPTERIS**, Bernh. BLADDER-FERN.

1. *fragilis*, Bernh.

Sub-sp. 1, **FRAGILIS** proper.—VAR. 1, (sori distant from margin).—VAR. 2, *dentata*, Hook. (sp.).—VAR. 3, *Dickieana*, Sim. (sp.).Sub-sp. 2, **ALPINA**, Desv. (sp.).

2. *montana*, Link.

11. **ASPIDIUM**, Sw. SHIELD-FERN.

1. *Lonchitis*, Sw.
2. *aculeatum*, Sw.

Sub-sp. **LOBATUM**, Sw.—VAR. *lonchitoides*.Sub-sp. **ACULEATUM** proper.Sub-sp. **ANGULARE**, Willd.

12. **NEPHRODIUM**, *Rich.*

1. *Filix-mas*, *Rich.* *Male Fern*. VAR. 1, *Filix-mas* proper.—VAR. 2, *affine*, *Fisch.* (sp.); (var. *incisum*. *Newm.*)—VAR. 3, *Borreri*, *Newm.*—VAR. 4, *abbreviatum*, *DC.* (sp.).
2. *cristatum*, *Rich.*—VAR. *uliginosum*, *Newm.* (sp.).
3. *rigidum*, *Desv.*
4. *spinulosum*, *Desv.*

Sub-sp. SPINULOSUM proper.

Sub-sp. DILATATUM, *Desv.* (sp.).—VAR. 1, *glandulosum*, *Newm.*—VAR. 2, *nanum* *Newm.*—VAR. 3, *Boottii*, *Tuck.* (sp.). *Lastrea collina*, *Newm.*—VAR. 4, *dumetorum*, *Sm.* (sp.).

Sub-sp. REMOTUM, *Braun* (sp.).

5. *æmulum*, *Baker*; *fæniseicii*, *Lowe*; *Lastrea recurva*, *Bree*; *L. amula*, *Brack.*
6. *Thelypteris*, *Desv.*
7. *Oreopteris*, *Desv.*; *montanum*, *Baker.*

13. **POLYPODIUM**, *L.* POLYPODY.

SECTION 1. *Polypodium* proper.

1. *vulgare*, *L.* VAR. *cambricum*, *L.* (sp.).

SECTION 2. *Phegopteris*.

2. *Phegopteris*, *L.*
3. *Dryopteris*, *L.*

Sub-sp. DRYOPTERIS proper.

Sub-sp. ROBERTIANUM, *Hoffm.* (sp.); *calcareum*, *Sm.*

4. *alpestre*, *Hoppe*; (gen.) *Pseudathyrium*, *Newm.*—VAR. 1, *alpestre* proper.—VAR. 3, *humile* (*flexile*, *Moore*) (sp.).

14. **GYMNOGRAMME**, *Desv.*

1. *leptophylla*, *Desv.*

TRIBE III. **OSMUNDEÆ.**

15. **OSMUNDA**, *L.* FERN-ROYAL.

1. *regalis*, *L.*

TRIBE IV. **OPHIOGLOSSÆ.**

16. **OPHIOGLOSSUM**, *L.* ADDER'S-TONGUE.

1. *vulgatum*, *L.*

Sub-sp. VULGATUM proper.—VAR. *ambiguum*, *Coss.* and *Germ.*

Sub-sp. LUSITANICUM, *L.* (sp.).

17. **BOTRYCHIUM**, *Sw.* MOON-WORT.

1. *Lunaria*, *Sw.*—VAR. *rutaceum*, *Sw.* (sp.).

ORDER II. **EQUISETACEÆ.**

1. **EQUISETUM**, *L.* HORSE-TAIL, PADDOCK-PIPES.

1. *arvense*, *L.*
2. *pratense*, *Ehr.*; *umbrosum*, *Willd.*; *Drummondii*, *Hook.*
3. *maximum*, *Lamk.*; *Telmateia*, *Ehr.*; *fluviatile*, *Sm.*
4. *sylvaticum*, *L.*
5. *palustre*, *L.*—VAR. 1, *palustre* proper.—VAR. 2, *polystachyon*; VAR. *alpinum* (or *subnudum*).
6. *limosum*, *L.*—VAR. 1, *limosum* proper.—VAR. 2, *fluviatile*, *L.* (sp.).
7. *hyemale*, *L.* *Dutch Rush*.—VAR. 1, *hyemale* proper.—VAR. 2, *Moorei*, *Newm.* (sp.); *paleaceum*, *Schleich.*
8. *variegatum* *Schleich.*—VAR. 1, *variegatum* proper.—VAR. 2, *arenarium*, *Newm.* (sp.).—VAR. 3, *Wilsoni*, *Newm.*—VAR. 4, *trachyodon*, *Braun* (sp.); *Mac-kaii*, *Newm.*

ORDER III. **LYCOPODIACEÆ.**

1. **LYCOPODIUM**, *L.* CLUB-MOSS.

1. *clavatum*, *L.*
2. *annotinum*, *L.*
3. *alpinum*, *L.*
4. *inundatum*, *L.*
5. *Selago*, *L.*

ORDER IV. **SELAGINELLACEÆ.**

1. **SELAGINELLA**, *Beauv.*

1. *selaginoides*, *Gray*; *spinosa*, *Beauv.*

2. **ISOETES**, *L.* QUILLWORT.

1. *lacustris*, *L.*

Sub-sp. LACUSTRIS proper.

Sub-sp. ECHINOSPOEA, *Durieu* (sp.).

2. *Hystrix*, *Durieu*; *Duriei*, *Hook.*

ORDER V. **MARSILEACEÆ.**

1. **PILULARIA**, *L.* PILLWORT.

1. *globulifera*, *L.*

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# FLORAL DISSECTIONS

ILLUSTRATIVE OF

## TYPICAL GENERA OF THE BRITISH NATURAL ORDERS.

LITHOGRAPHED BY THE

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AT ST. BARTHOLOMEW'S HOSPITAL MEDICAL SCHOOL, AT THE BIRKBECK INSTITUTE,  
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