

A catalogue of British plants, arranged according to the natural system, with the synonyms of De Candolle, Smith, Lindley, and Hooker / by J.S. Henslow.

Contributors

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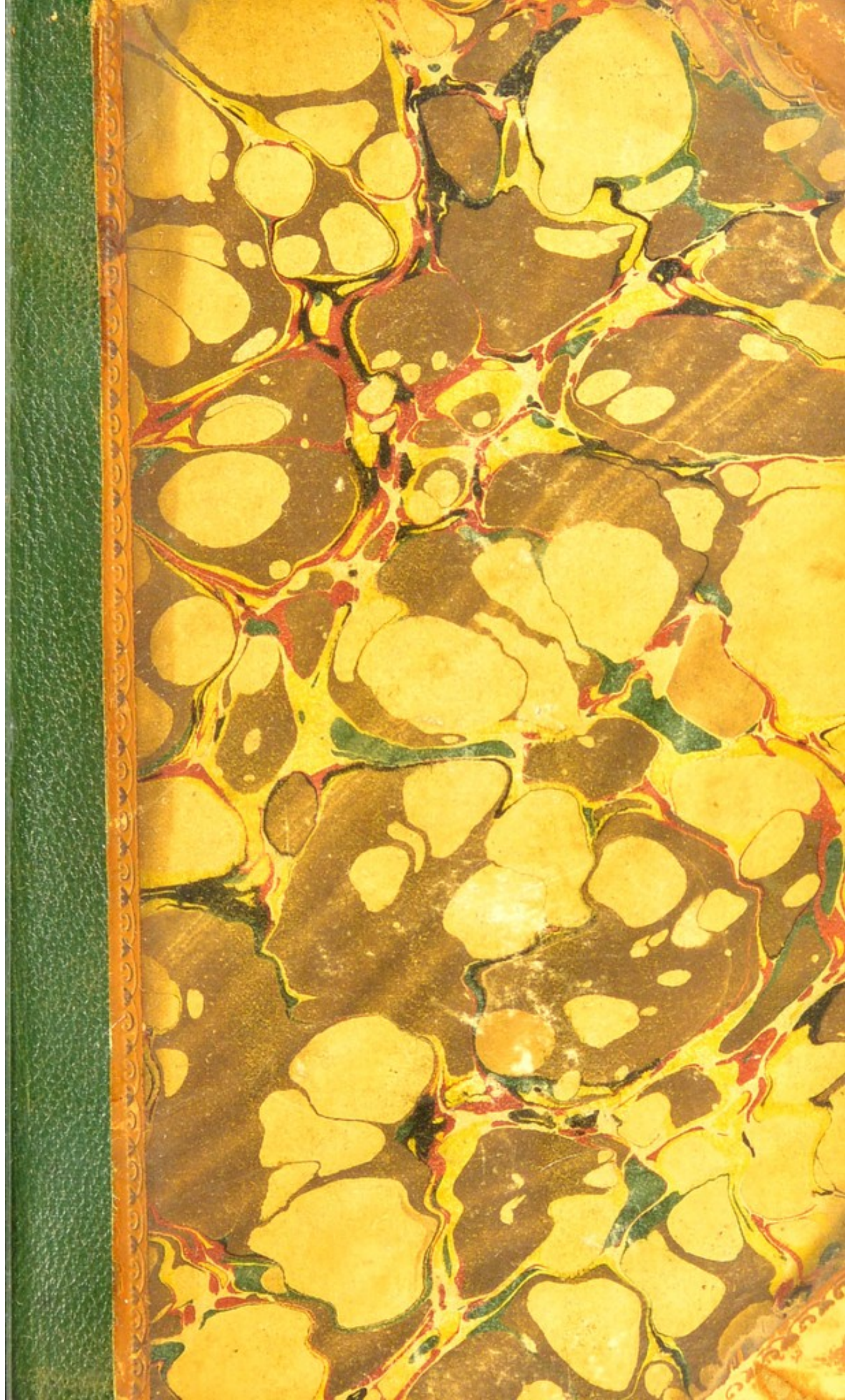
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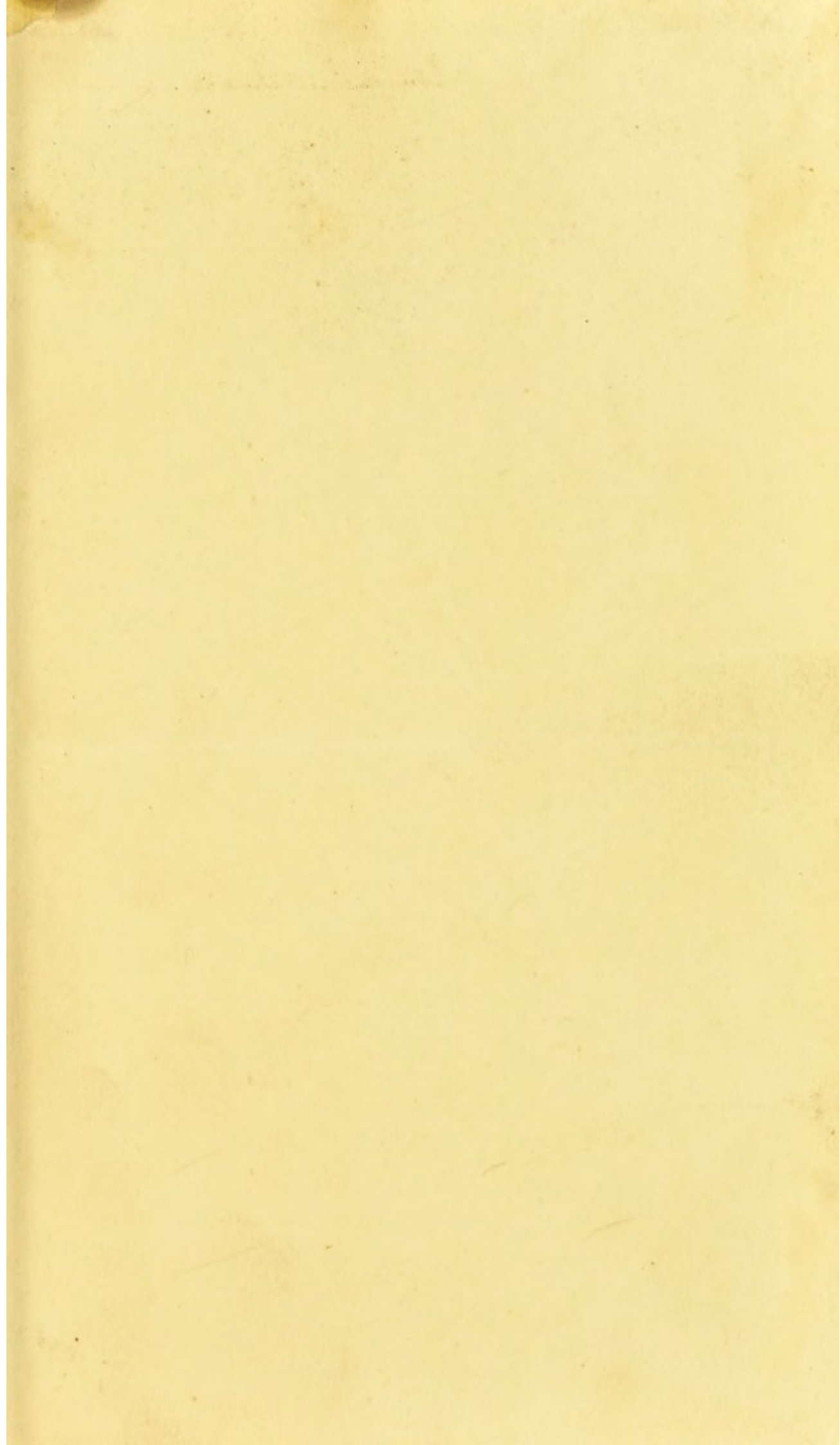


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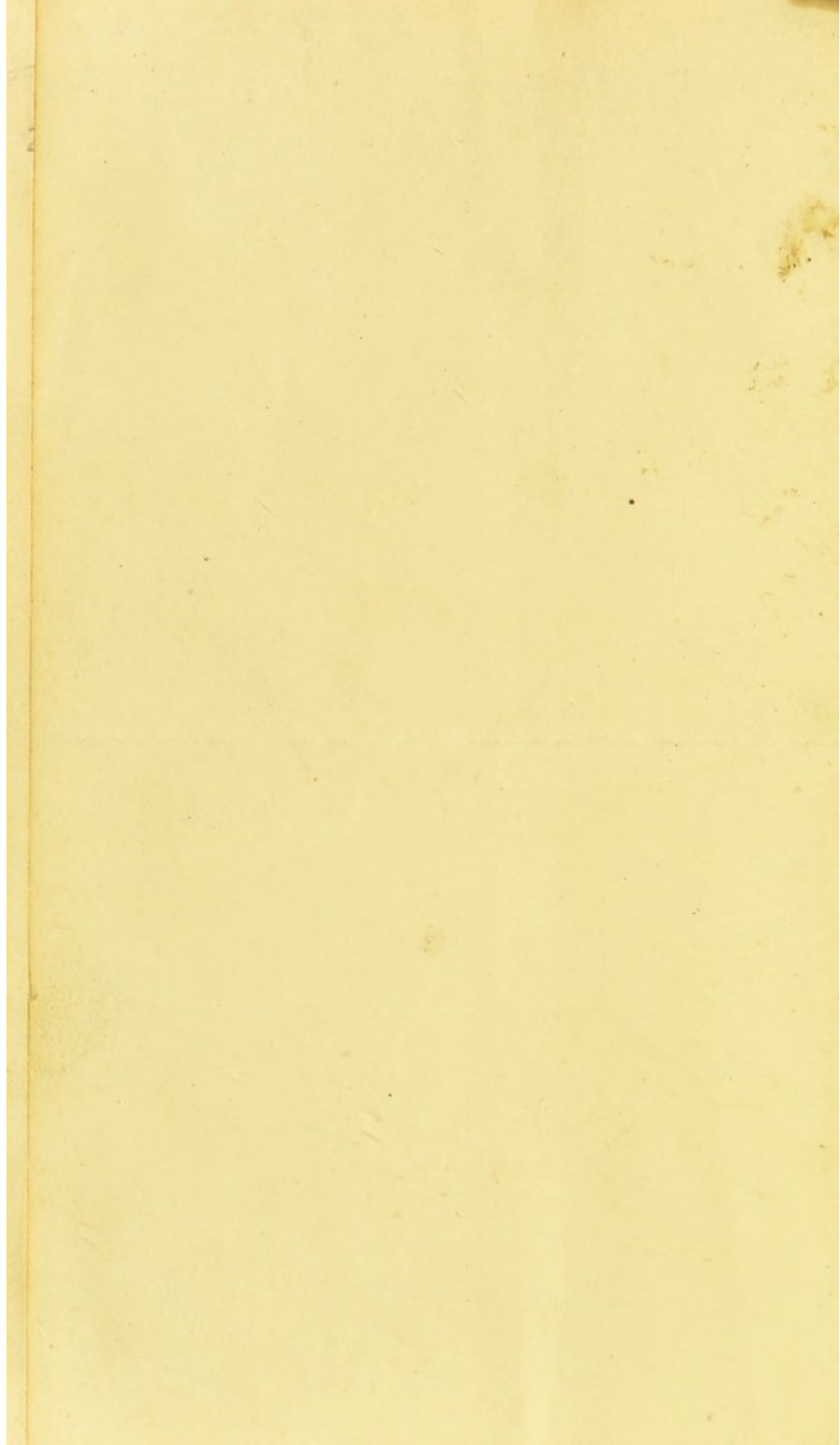
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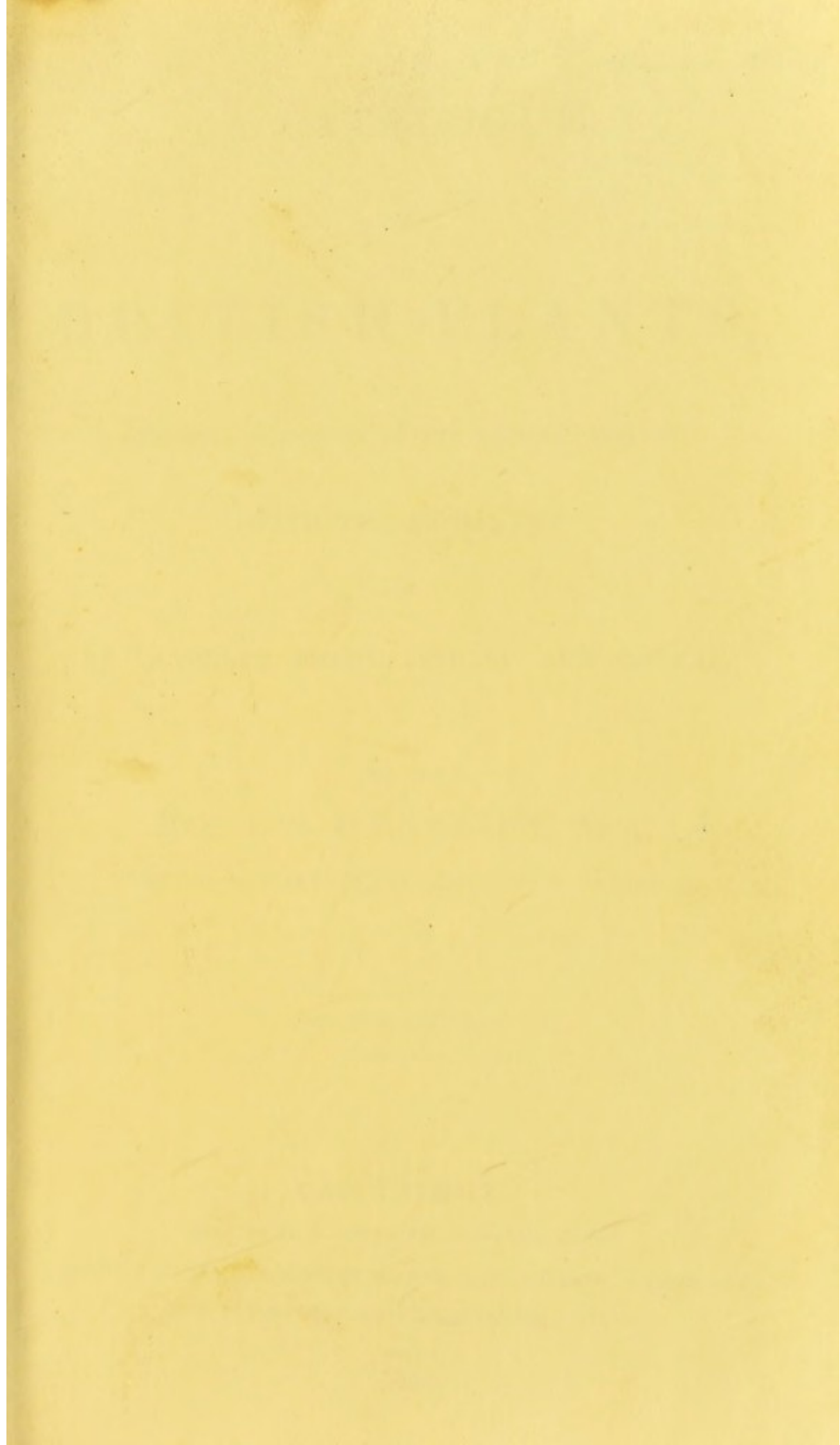
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banis bell.

A CATALOGUE
OF
BRITISH PLANTS,

ARRANGED ACCORDING TO THE NATURAL SYSTEM,
WITH THE SYNONYMS
OF
DE CANDOLLE, SMITH, LINDLEY, AND HOOKER.

BY THE
REV. J. S. HENSLOW, M.A.
PROFESSOR OF BOTANY IN THE UNIVERSITY OF CAMBRIDGE.

SECOND EDITION.

CAMBRIDGE:

PRINTED BY W. METCALFE, ST. MARY'S STREET;
SOLD BY J. AND J. J. DEIGHTON, AND T. STEVENSON, CAMBRIDGE;
AND RIVINGTONS AND HATCHARDS, LONDON.

1835.

A CATALOGUE

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BRITISH PLANTS,

ARRANGED ACCORDING TO THE NATURAL SYSTEM,

WITH THE SYNONYMS



THE CAMBRIDGE SMITH AND WOODWARD.

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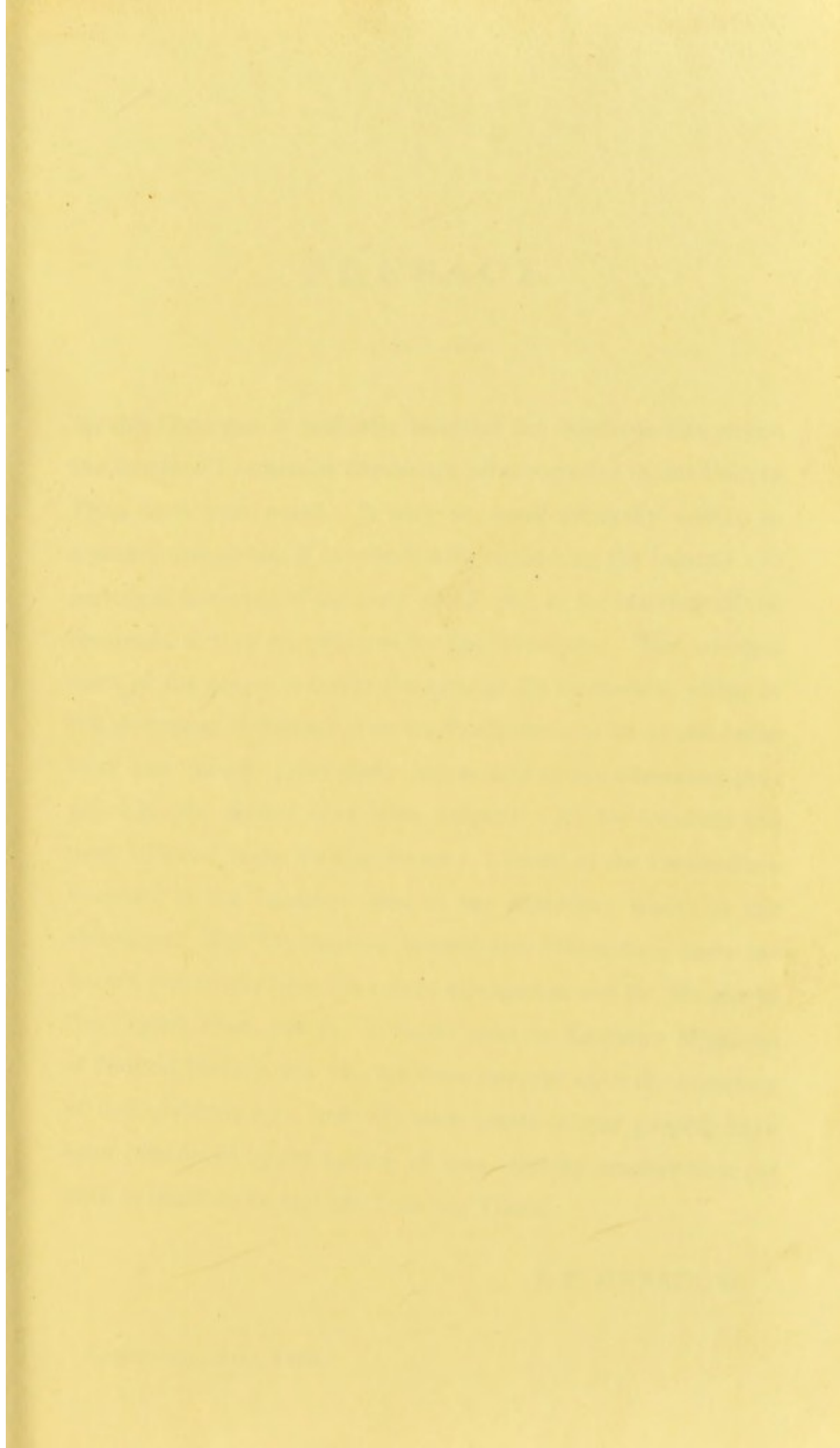
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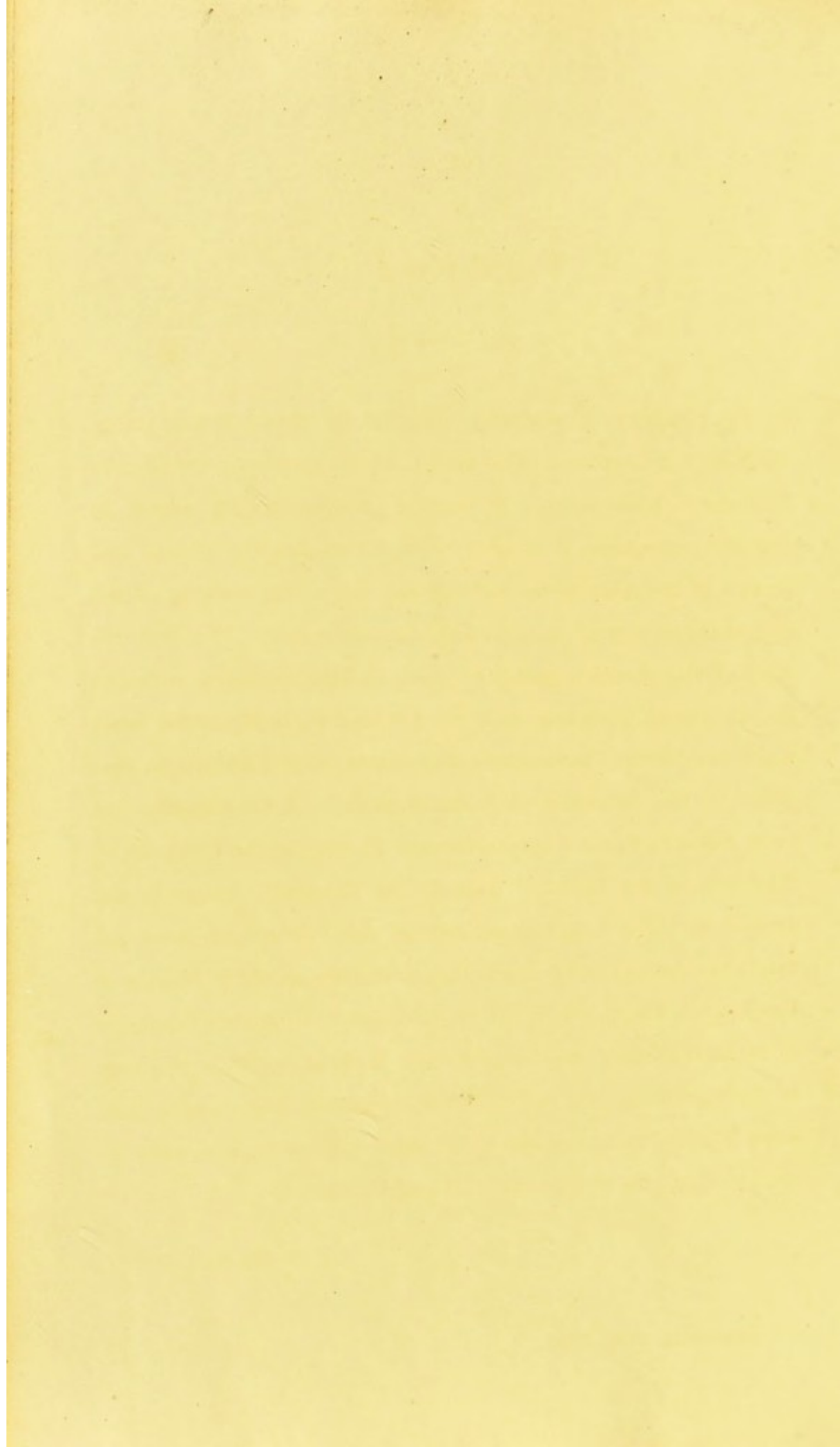
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1865.



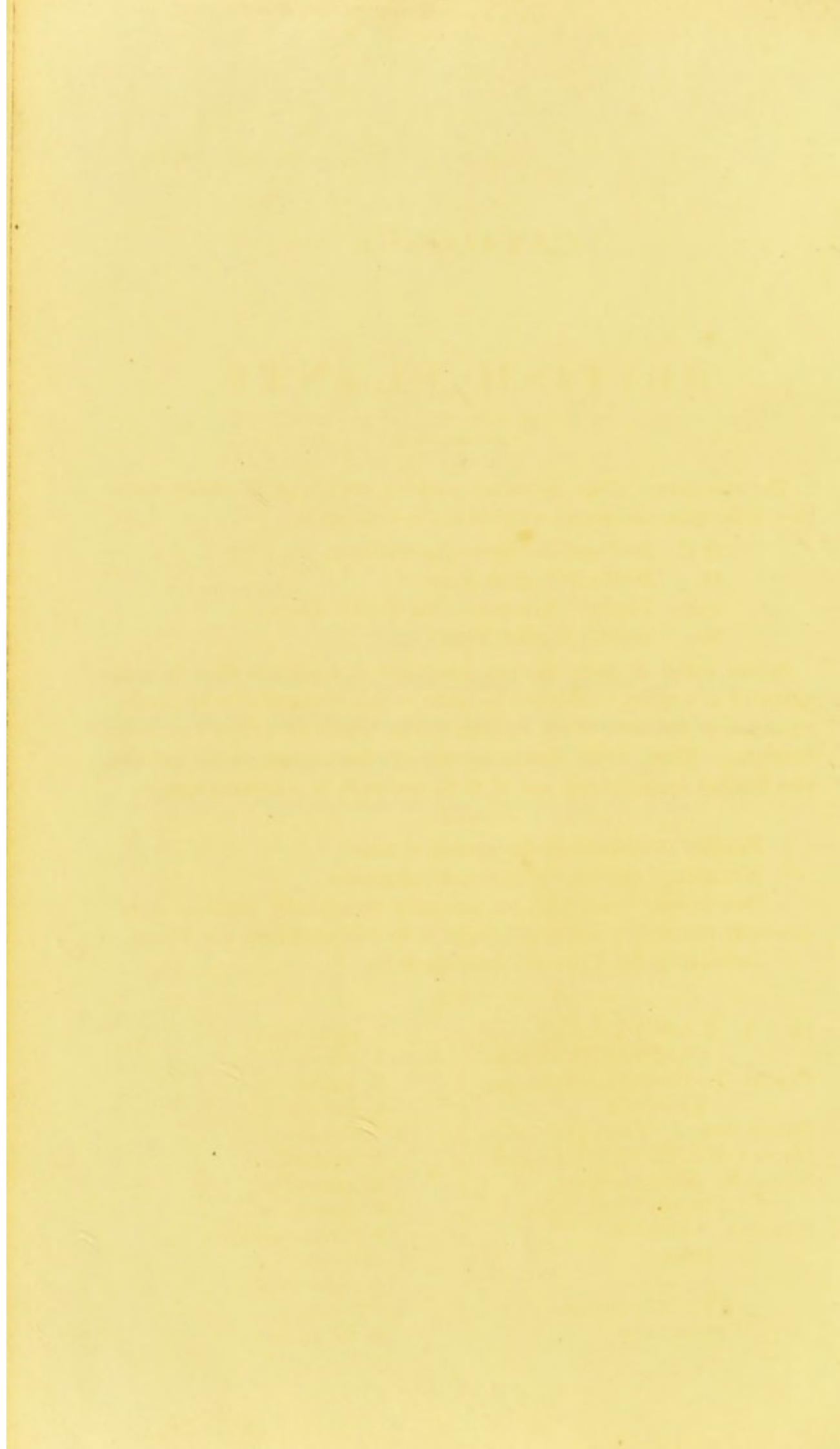


P R E F A C E.

As this Catalogue is primarily intended for Students who attend the Botanical Lectures at Cambridge, all the species in our County Flora have been noted. It may be made generally useful, as a pocket companion, if interleaved for registering the habitats and periods of flowering of the rarer plants, &c. or for marking off the specimens as they are prepared for the herbarium. The arrangement of the genera is nearly the same as De Candolle's, either in the *Botanicon Gallicum*, or in his *Prodromus*, so far as this latter work has hitherto proceeded: but several of the alterations proposed by Mr. Arnott have been adopted. Al. De Candolle has been followed in the *Campanulaceæ*; Lessing in the *Compositæ*; Bentham in the *Labiataæ*; Don in the *Ericineæ*; Kunth in the *Gramineæ*. The *Cryptogamæ* beyond the *Filices* have been extracted exclusively from the recent arrangements of Dr. Hooker in the *English Flora*, vol. v. I would refer to Loudon's *Magazine of Natural History*, vol. vii., for some remarks upon the propriety of distinguishing by a note (†) such plants as may *possibly* have been introduced by the agency of man, and by another note (o) such as ought to be rejected from our Floras.

J. S. HENSLOW.

CAMBRIDGE, *June*, 1835.



CATALOGUE

OF

BRITISH PLANTS.

The synonymes of the following authors are given in *italics* when they differ from the names adopted in the catalogue.

- D. C.* De Candolle, *Botanicon Gallicum*.
H. Hooker's *English Flora*.
Lind. Lindley's *Synopsis of the British Flora*.
Sm. Smith's *English Flora*.

Where either of these authors considers as a species what is here admitted as a variety, reference is made to this circumstance by placing a line before the name of the variety, and including the author's name in brackets. Thus, under *Rubus cæsius*,—*β. dumetorum* (*Lind.*), shows that Lindley considers our var. *β.* of *R. cæsius* to be a distinct species.

- † Possibly introduced by the agency of man.
 * Naturalized species, *certainly* not indigenous.
 ° Occasionally found wild, but not even naturalized, extinct, or erroneously introduced, and which ought to be excluded from our Floras.
 c Included in the Flora of Cambridgeshire.

Div. I. VASCULARES <i>setc</i>		1. alpinum.	
COTYLEDONEÆ.		2. minus.	c
CLASSIS I. DICOTYLEDONES <i>seu</i>		3? majus.	
EXOGENÆ.		4. flavum.	c
SUB-CLASSIS I. THALAMIFLORÆ.		3. ANEMONE.	
ORDO. I. RANUNCULACEÆ. ✓		1. pulsatilla.	c
Sub-ordo. Ranunculineæ.		*2. apennina.	
(Tribus Clematideæ.) ✓		3. nemorosa.	c
GENUS 1. CLEMATIS.		4. ranunculoides.	
1. vitalba.	c	4. ADONIS.	
		*1. autumnalis.	
(Tr. Anemoneæ.)		5. MYOSURUS.	
2. THALICTRUM.		1. minimus.	c

(Tr. Ranunculeæ.)

6. RANUNCULUS.

1. hederaceus. c
 ✓ 2. aquatilis. c
 a. hispidus. c
 b. glaber.
 a. heterophyllus. c
 β. pantothrix.
 capillaceus. D.C.
 γ. fluviatilis. c
 peucedanifolius. D.C.
 δ. circinatus. c
 cæspitosus. D.C.
 ε. stagnalis.
 ✓ 3. ficaria. c
Ficaria ranunculoides. D.C.
 4. alpestris.
 °5. gramineus.
 6. lingua. c
 7. flammula. c
 β. reptans.
 γ. serrata.
 ✓ 8. auricomus. c
 9. sceleratus. c
 10. acris. c
 β. sylvaticus.
 11. repens. c
 ✓ 12. bulbosus. c
 13. hirsutus. c
 philonotis. D.C: Lind.
 β. parvulus.
 †14. arvensis. †c
 15. parviflorus. c

(Tr. Helleboreæ.)

7. CALTHA.

1. palustris. c
 —*β. radicans. (Sm.)*
 8. TROLLIUS.
 1. europæus.
 9. HELLEBORUS.
 1. viridis. †c
 2. foetidus. †c
 10. AQUILEGIA.
 1. vulgaris. †c
 11. DELPHINIUM.
 †1. consolida. †c

12. ACONITUM.

- *1. napellus.

Sub-ordo. Cimicifugeæ.

13. ACTÆA.

1. spicata.

Sub-ordo. Pæonieæ.

14. PÆONIA.

- †1. corallina.

II. BERBERIDEÆ.

1. BERBERIS.

1. vulgaris. c

2. EPIMEDIUM.

- °1. alpinum.

III. NYMPHÆACEÆ.

1. NYMPHÆA.

1. alba. c

2. NUPHAR.

1. lutea. c

- 2? pumila.

IV. PAPAVERACEÆ.

1. PAPAVER.

- °1. nudicaule.

- †2. hybridum. †c

- †3. argemone. †c

- †*β. maritimum.*

- †4. dubium. †c

- †5. rhæas. †c

- *6. somniferum. *c

2. MECONOPSIS.

Papaver. Sm.

1. cambrica.

3. RÆMERIA.

Glaucium. Sm. H.

- †1. violacea. †c

hybrida. D.C: Lind.

4. GLAUCIUM.

1. luteum. c

flavum. D.C.

- °2. phæniceum.

corniculatum. D.C: Lind.

5. CHELIDONIUM.

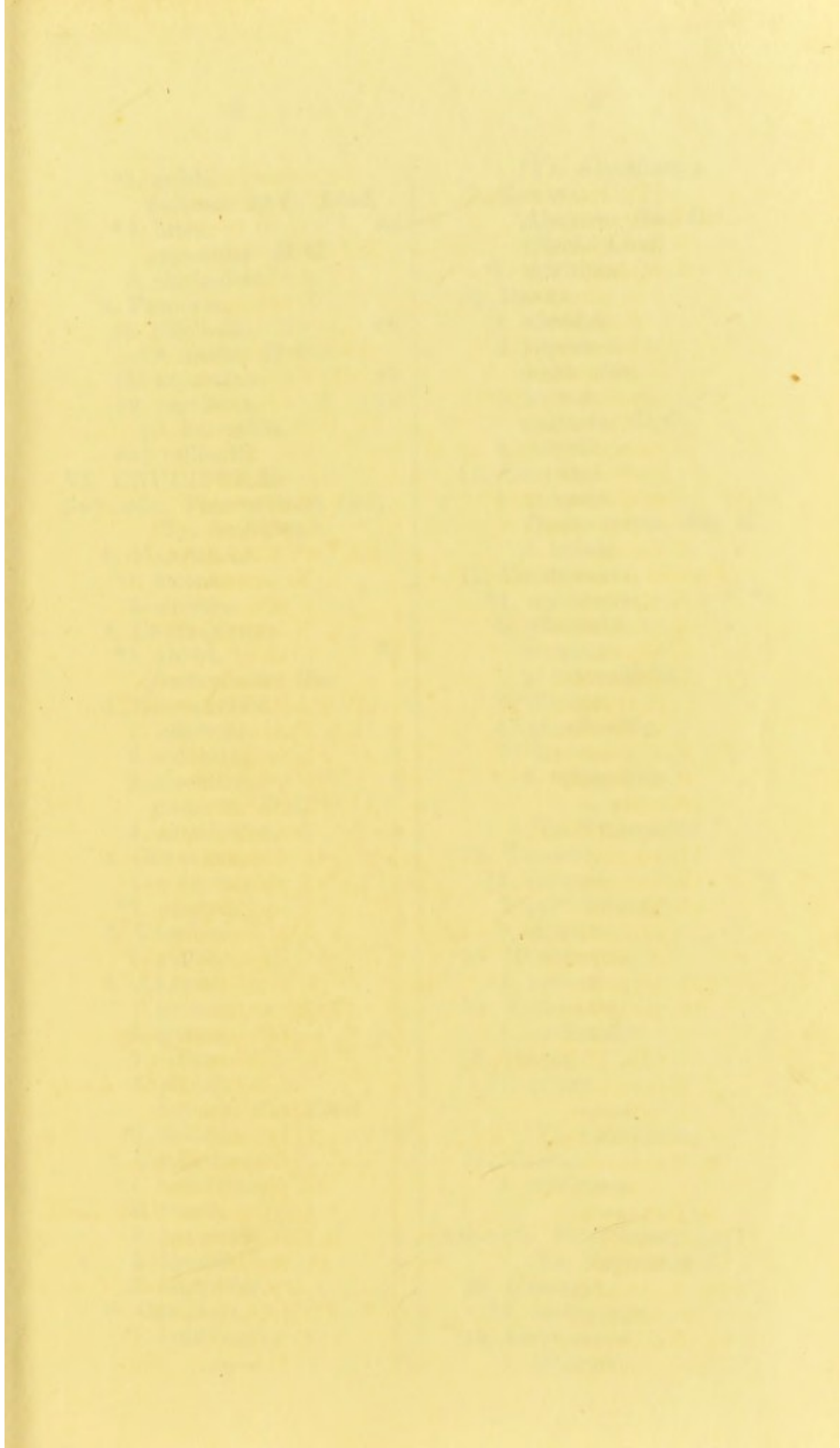
- †1. majus. †c

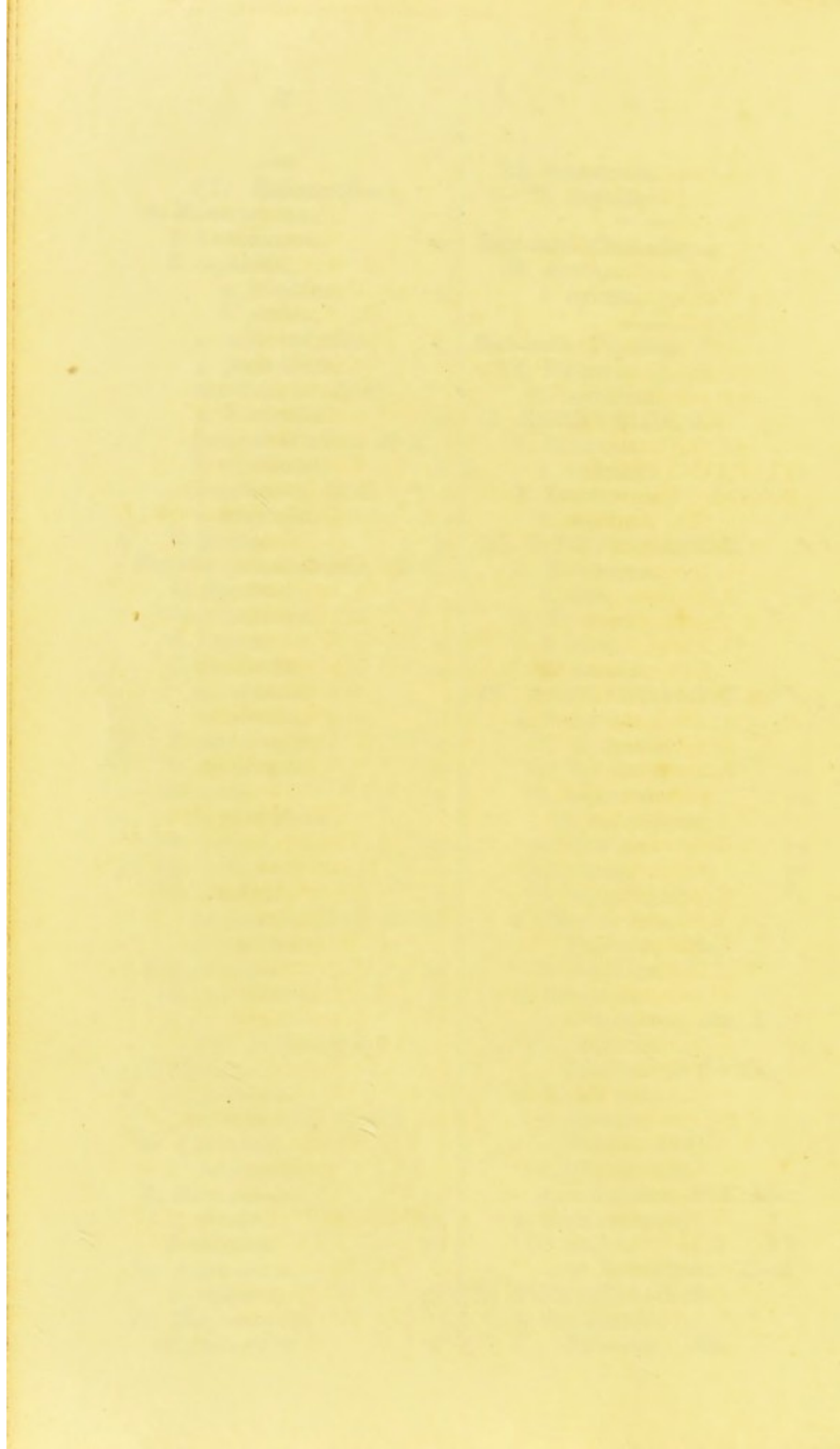
—*β. laciniatum. (Lind.)*

V. FUMARIACEÆ.

1. CORYDALIS.

Fumaria. Sm.





- *1. *solida*.
bulbosa. D.C: Lind.
 *2. *lutea*. °c
capnoides. D.C.
 3. *claviculata*.
 2. FUMARIA.
 †1. *officinalis*. †c
 —†β. *media*. D.C.
 †2? *capreolata*. †c
 †3. *parviflora*. †c
 †β. *leucantha*.
 †4? *vaillantii*.
 VI. CRUCIFERÆ.
 Sub-ordo. Pleurorhizæ. (o=).
 (Tr. Arabideæ.)
 1. MATTHIOLA.
 °1. *incana*.
 2. *sinuata*.
 2. CHEIRANTHUS.
 *1. *cheiri*. *c
fruticulosus. Sm.
 3. NASTURTIUM.
 1. *officinale*. c
 2. *sylvestre*. c
 3. *terrestre*. c
palustre. D.C.
 4. *amphibium*. c
 4. BARBAREA.
 1. *vulgaris*. c
 *2. *præcox*.
 5. TURRITIS.
 1. *glabra*.
 6. ARABIS.
 1. *hirsuta*. c
 2. *stricta*.
 3. *ciliata*.
 4. *petræa*.
hispida. Sm. Lind.
 †5. *turrita*. *c
 7. CARDAMINE.
 °1. *bellidifolia*.
 2. *amara*.
 ✓ 3. *pratensis*. c
 ✓ 4. *hirsuta*. c
 5. *impatiens*.
 8. DENTARIA.
 1. *bulbifera*.

- (Tr. Alyssineæ.)
 9. KONIGA.
Alyssum. Sm. D.C.
Glyce. Lind.
 °1. *maritima*.
 10. DRABA.
 1. *aizoides*.
 2. *rupestris*.
hirta. Sm.
 3. *incana*.
contorta. D.C.
 4. *muralis*.
 11. EROPHILA.
 1. *vulgaris*. c
Draba verna. Sm. H.
 β. *inflata*.
 12. COCHLEARIA.
 *1. *armoracia*. *c
 2. *officinalis*.
 β. *minor*.
 γ. *rotundifolia*.
 3? *anglica*. c
 4? *grœnlandica*.
 5? *danica*.
 β. *integrifolia*.
 (Tr. Thlaspideæ.)
 13. THLASPI.
 †1. *arvense*. *c
 2. *perfoliatum*.
 3. *alpestre*.
 14. HUTCHINSIA.
 1. *petræa*.
 15. TEESDALIA.
 1. *nudicaulis*. c
 16. IBERIS.
 *1. *amara*.
 (Tr. Cakilineæ.)
 17. CAKILE.
 1. *maritima*.
 Sub-ordo. Notorhizæ. (o||)
 (Tr. Sisymbreæ.)
 18. HESPERIS.
 *1. *matronalis*.
 19. SISYMBRIUM.
 1. *officinale*.

2. irio. c
3. sophia. c
4. thalianum. c
Arabis thal: Sm. Lind. D. C.
20. ALLIARIA.
1. officinalis. c
Erysimum alliaria. Sm. H.
21. ERYSIMUM.
1. cheiranthoides. †c
†2. orientale.
perfoliatum. D. C.

(Tr. Camelinae.)

22. CAMELINA.
*1. sativa. *c

(Tr. Subularieae.)

23. SUBULARIA.
1. aquatica.

(Tr. Lepidineae.)

24. CORONOPUS.
Senebiera. D. C.
1. didyma.
S. pinnatifida. D. C.
2. ruellii. c
S. coronopus. D. C.
25. CAPSELLA.
Thlaspi. Sm.
1. bursa-pastoris. c
26. LEPIDIUM.
1. campestre.
α. vulgaris. *c
β. glabrum.
γ. hirtum.
2. smithii.
hirtum. Sm. D. C. Lind.
3. ruderale. †c
4. latifolium. †c
*5. draba.

(Tr. Isatideae.)

27. ISATIS.
*1. tinctoria. °c

Sub-ordo. Orthoploceae. (o>>>)
(Tr. Brassiceae.)
28. BRASSICA.

1. oleracea.
2. campestris. c
*3. rapa. *c
*4. napus. *c
5. monensis.
29. SINAPIS.
1. nigra. c
2. arvensis. c
3. alba. c
30. DIPILOTAXIS.
Sinapis. Sm. H.
†1. tenuifolia.
*2. muralis.

(Tr. Velleæ.)
31. CARRICHTERA.
°1. vellæ.
Vella annua. Sm.

(Tr. Raphaneæ.)
32. CRAMBE.
1. maritima.
33. RAPHANUS.
†1. raphanistrum. †c
2. maritimus.
VII. RESEDACEÆ.
1. RESEDA.
1. lutea. c
2. luteola. c
°3. fruticulosa.
VIII. CISTINEÆ.
1. HELIANTHEMUM.
Cistus. Sm.
1. guttatum.
°2. ledifolium.
3. canum.
marifolium. Sm.
4. vulgare. c
C. helianthemum. Sm.
β. tomentosum.
—γ. surrejanum. (Sm.
Lind.)
5. polifolium.
apenninum. Lind.
IX. VIOLARIEÆ.
1. VIOLA.
1. palustris.
2. hirta. c

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- β . parvula. c
 3. odorata. c
 β . imberbis.
 ✓ 4. canina. c
 ✓ — β . flavicornis. (*Sm.*) c
 — γ . lactea. (*Sm.*) c
montana. γ . *D.C.*
 5. lutea.
sudetica α . *D.C.*
 β . amœna.
 6. tricolor.
 α . degener. c
 β . arvensis. c
 γ ? curtisii.

X. DROSERACEÆ.
 (Tr. Drosereæ.)

1. DROSERA.
 1. rotundifolia. c
 2. longifolia. °c
 3. anglica. °c

———
 (Tr. Parnassieæ.)
 (*Saxifrageæ* pars. *Lind.*)

2. PARNASSIA.
 1. palustris. c

XI. POLYGALÆÆ.

1. POLYGALA.
 ✓ 1. vulgaris. c
 — β . amara. (*E. Bot.*)

XII. FRANKENIACEÆ.

1. FRANKENIA.
 °1. pulverulenta.
 2. lævis c

XIII. CARYOPHYLLÆÆ.
 (Tr. Sileneæ.)

1. DIANTHUS.
 1. prolifer.
 2. armeria.
 *3. caryophyllus. °c
 4. deltoides. °c
 β . glaucus.
 5. cæsius.
 2. SAPONARIA.
 †1. officinalis. *c
 † β . hybrida.
 3. CUCUBALUS.
 °1. bacciferus.
 4. SILENE.

1. acaulis.
 2. inflata. c
 α . vulgaris. c
 β . hirsuta. c
 γ . maritima.
 3. otites. c
 †4. conica.
 5. anglica. c
 6. quinquevulnera.
 7. nutans.
 †8. italica.
viscosa. *Eng. Bot.*
 9. noctiflora. c
 °10. armeria.

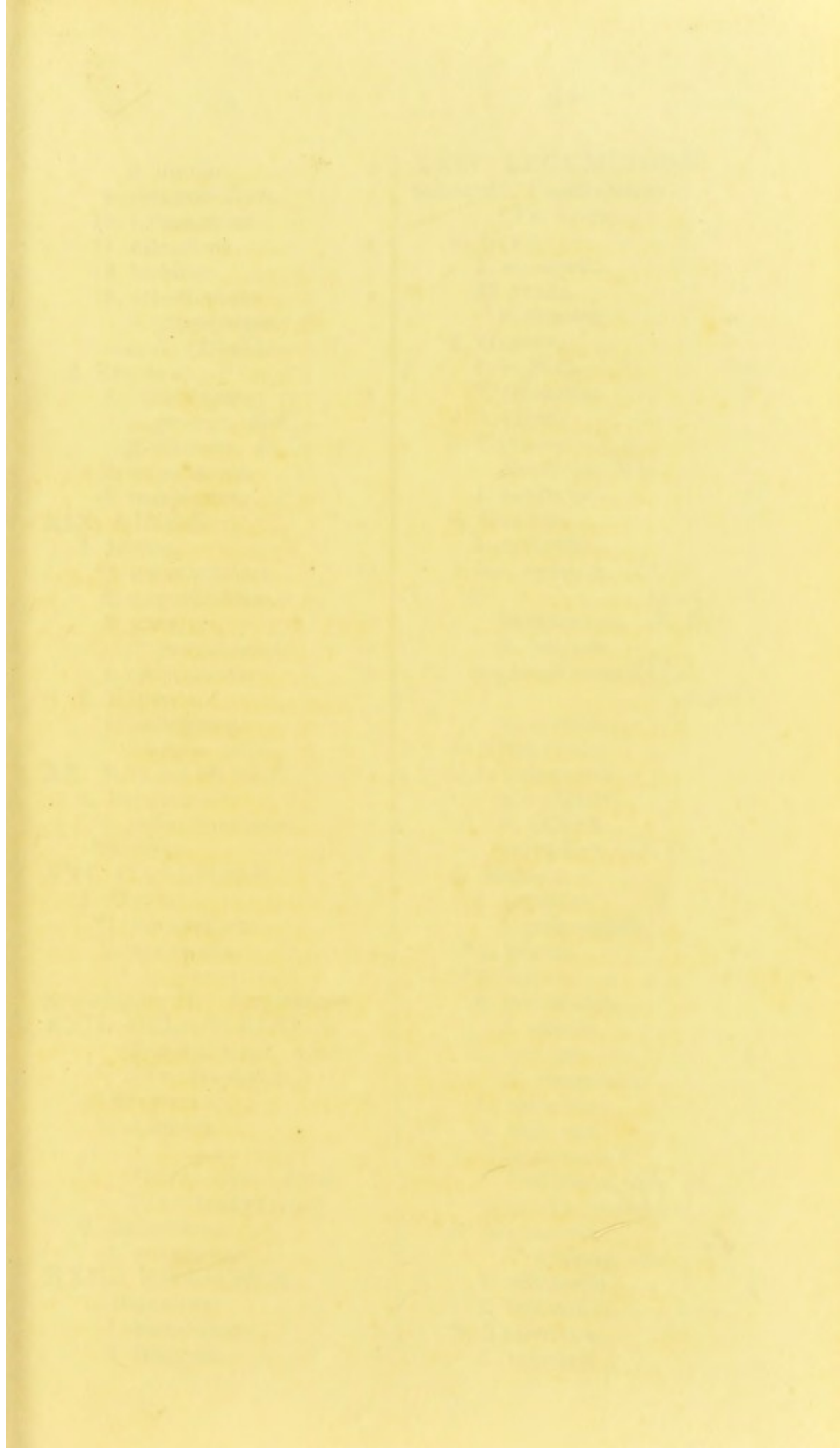
5. LYCHNIS.
 1. viscaria.
 2. dioica.
 α . diurna. c
 — β ? sylvestris. (*D.C.*)
 3. flos-cuculi. c
 4. alpina.
 †5. githago. †c
Agrostemma gith : *Sm. H.*

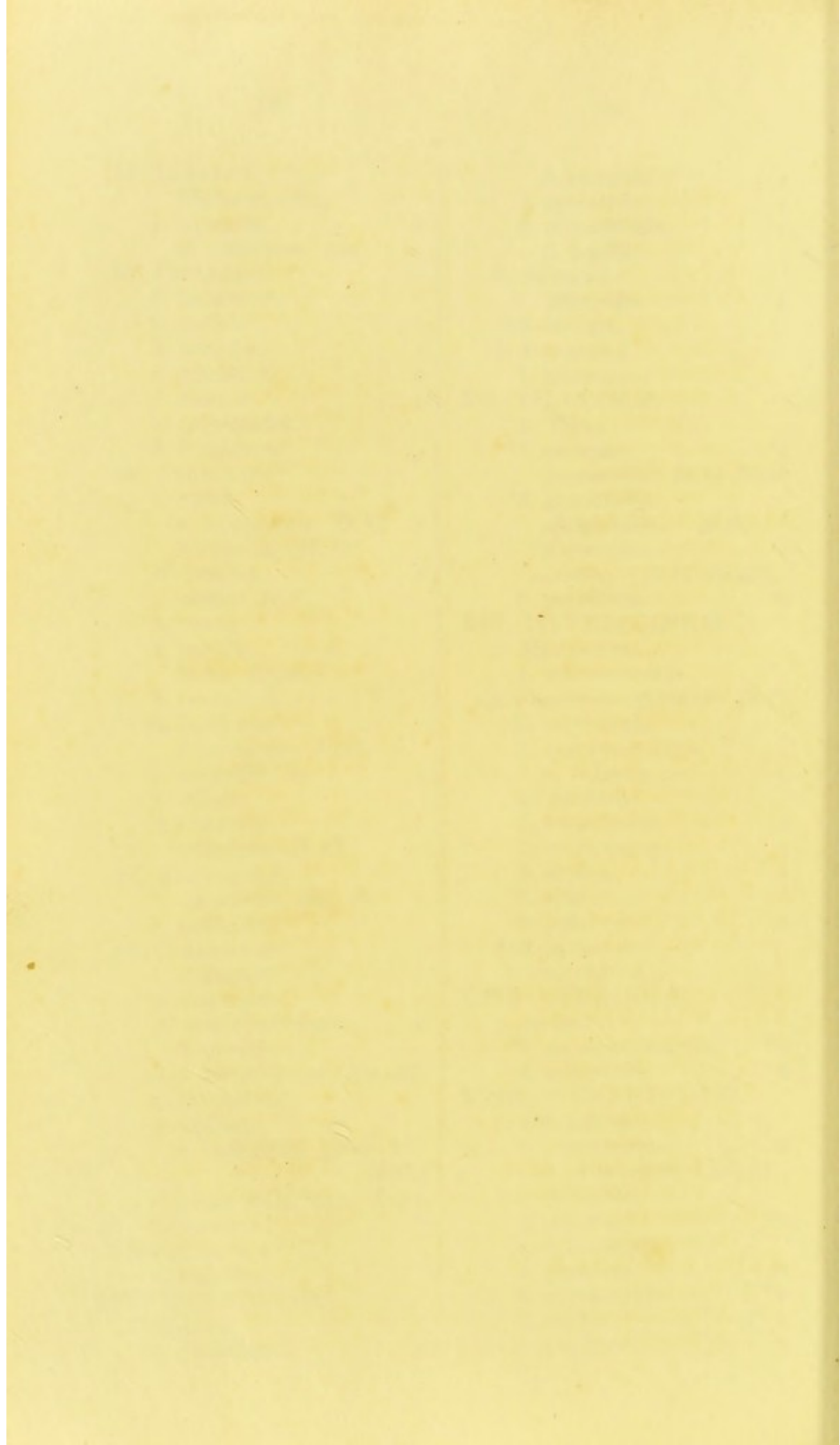
———
 (Tr. Alsineæ.)

6. BUFFONIA.
 °1. annua.
 tenuifolia. *Sm. Lind.*
 7. SAGINA.
 1. procumbens. c
 2. maritima.
 3. apetala. c
 8. MÆNCHIA.
 Sagina. *D.C.*
 1. erecta. c
 glauc. *Lind.*
 9. ELATINE.
 1. hexandra.
 tripetala. *Sm.*
 2. hydropiper.
 10. HOLOSTEUM.
 1. umbellatum.
 11. SPERGULA.
 1. arvensis. c
 2. nodosa. c
 3. saginoides.
 4. subulata.
 β . pentandra.

12. LARBRÆA.
Stellaria. Sm.
 1. aquatica. c
S. uliginosa. Sm.
13. STELLARIA.
 1. nemorum.
 2. media c
 3. holostea. c
 4. graminea. c
 5. glauca. c
 6. cerastoides.
 7. scapigera.
14. ARENARIA.
 1. rubra.
α. campestris. D. C. c
β. marina. D. C.
 2? marina. c
media. D. C.
 3. verna.
 4. rubella.
hirta. Lind. c
 5. tenuifolia.
 6. fastigiata.
fasciculata. Lind.
 7. serpyllifolia. c
 8. ciliata.
 9. trinervis.
trinervia. D. C.
15. ADENARIUM.
Arenaria. Sm. H.
 1. peploides.
16. CERASTIUM.
 1. vulgatum. c
 2. viscosum. c
 3? semidecandrum. c
β. pumilum.
—γ. tetrandrum. (Sm. H.)
 4. aquaticum.
 5. alpinum.
—β. latifolium. (Sm. H. D. C.)
piloso-pubescens. Lind.
 7. arvense.
17. CHERLERIA.
 1. sedoides.
- XIV. MALVACEÆ.
 1. MALVA.
 1. moschata. c

- β. laciniata.* c
 2. sylvestris. c
 3. rotundifolia. c
β. pusilla.
2. ALTHÆA.
 1. officinalis. c
 *2. hirsuta.
3. LAVATERA.
 1. arborea.
- XV. TILIACEÆ.
 1. TILIA.
 °1. europæa. °c
intermedia. D. C. Lind.
 °2. grandifolia.
platyphylla. D. C.
 °β. corallina.
—rubra. (D. C. Lind.) °c
 3. parvifolia. °c
- XVI. HYPERICINEÆ.
 1. HYPERICUM.
 1. androsæmum.
Androsæmum officinale. D. C.
 °2. calycinum.
 3. quadrangulum.
α. vulgare. c
 4? dubium.
 5. humifusum. c
 6. perforatum. c
 7. elodes. c
 8. hirsutum. c
 9. pulchrum. c
 °10. barbatum.
 11. montanum.
- XVII. ACERINEÆ.
 1. ACER.
 *1. pseudo-platanus. *c
 2. campestre. c
- XVIII. GERANIACEÆ.
 1. GERANIUM.
 1. sanguineum. c
—β. prostratum. (Lind.)
 2. nodosum.
 3. phæum. °c
 4. sylvaticum.
 5. pratense. c
 6. pyrenaicum. *c
 7. molle. c
 8. pusillum. c



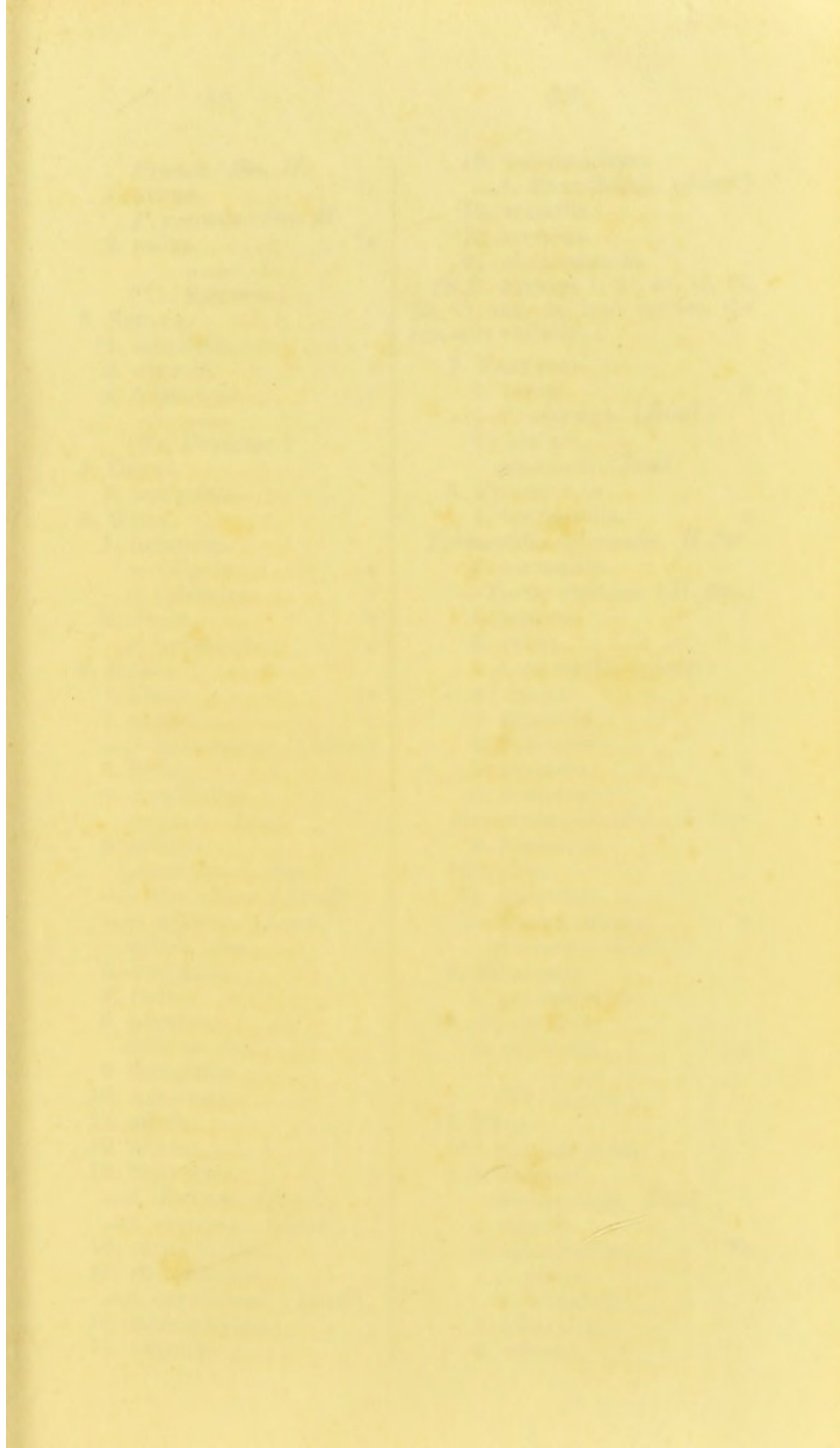


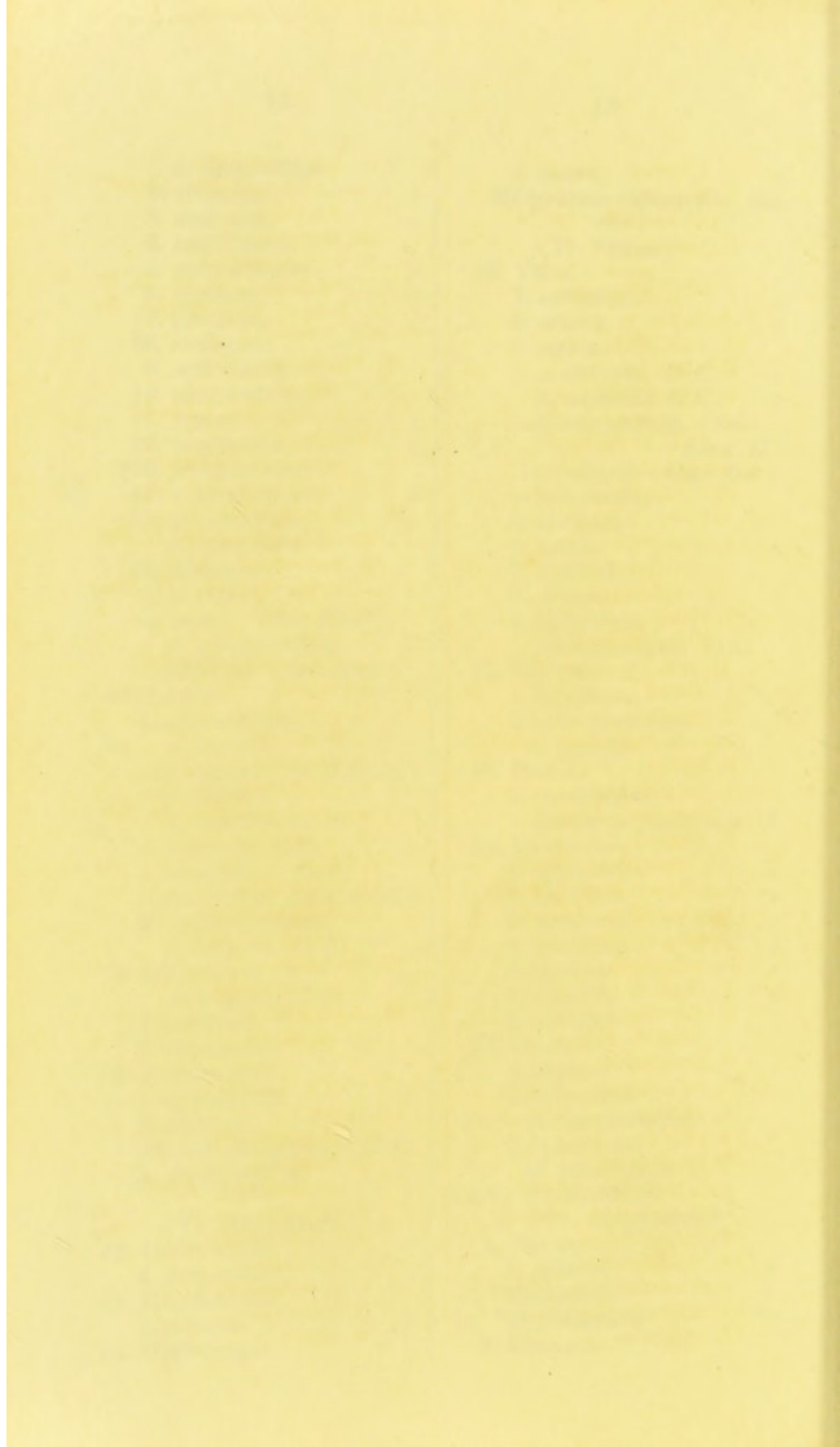
- β. humile. c
 9. rotundifolium. c
 10. columbinum.
 11. dissectum. c
 12. lucidum. c
 13. robertianum. c
 β. purpureum.
 —*raii.* (*Lind.*)
 2. ERODIUM. ✓
 1. cicutarium. c
 α. præcox. *D.C.*
 β. pilosum. *D.C.*
 2. moschatum.
 3. maritimum.
 XIX. LINEÆ.
 1. LINUM.
 °1. usitatissimum. °c
 2. angustifolium.
 3. perenne. c
 β. procumbens. c
 4. catharticum. c
 2. RADIOLA.
 1. millegrana.
 linoides. *D.C.*
 XX. BALSAMINEÆ. ✓
 1. IMPATIENS.
 1. noli-me-tangere.
 *2. fulva.
 XXI. OXALIDEÆ.
 1. OXALIS.
 *1. corniculata.
 2. acetosella. c
 —
 SUB-CLASSIS II. Calycifloræ.
 XXII. CELASTRINEÆ.
 Staphyliaceæ. *Lind.*
 (*Tr. Staphyleæ.*)
 1. STAPHYLEA.
 °1. pinnata.
 —
 Celast. veræ. *Lind.*
 (*Tr. Euonymææ.*)
 2. EUONYMUS.
 1. europæus. c
 XXIII. RHAMNEÆ.
 1. RHAMNUS.
 1. catharticus. c
 2. frangula. c

- XXIV. LEGUMINOSÆ.
 Sub-ordo. Papilionaceæ.
 (*Tr. Loteæ.*)
 1. ULEX.
 1. europæus. c
 2? nanus. c
 β. strictus.
 2. GENISTA. ✓
 1. anglica. c
 2. tinctoria. c
 3. pilosa.
 3. CYTISUS.
 Spartium. *Sm.*
 1. scoparius. c
 4. ONONIS.
 1. arvensis.
 —α. spinosa. (*D.C.*
 Lind.) c
 antiquorum. *E. Bot.*
 β. inermis. c
 —*procurrens.* (*D.C.*
 Lind.)
 γ. repens.
 5. ANTHYLLIS.
 1. vulneraria.
 α. vulgaris. c
 β. dillenii
 rubriflora. *D.C.*
 6. MEDICAGO.
 1. lupulina. c
 β. polycarpus.
 *2. falcata. *c
 *3. sativa. *c
 4. denticulata.
 β. ciliaris.
 5. minima. c
 β. canescens.
 6. maculata. c
 °7. muricata.
 7. TRIGONELLA?
 Trifolium. *Sm. H.*
 1. ornithopodioides.
 8. MELILOTUS.
 Trifolium. *Sm.*
 1. officinalis. c
 2. leucantha.
 9. TRIFOLIUM.
 1. arvense. c

- β. perpusillum.
 2. striatum. c
 3. scabrum. c
 4. maritimum.
 5. ochroleucum. c
 6. medium. c
 7. pratense. c
 †8. stellatum.
 9. suffocatum.
 10. glomeratum.
 11. repens. c
 12. fragiferum. c
 √ †13. resupinatum.
 14. subterraneum c
 15. procumbens. c
 β. campestre.
 16. filiforme.
 α. major. c
 —minus. (Sm. Lind.)
 β. microphyllum. c
 —filiforme. (Sm. Lind.)
 10. LOTUS.
 1. corniculatus.
 α. arvensis.
 —β. major. (Sm. H. Lind.)
 γ. villosus
 δ. crassifolius. D. C.
 —ε. tenuis. (H.)
 tenuifolius. D. C.
 —decumbens. (Sm. Lind.)
 2? angustissimus.
 β. diffusus. D. C.
 11. OXYTROPIS.
 Astragalus. Sm.
 1. uralensis.
 2. campestris.
 12. ASTRAGALUS.
 1. hypoglottis. c
 2. alpinus.
 Phaca astragalina. D. C.
 3. glycyphyllus. c
 (Tr. Hedysareæ.)
 13. ORNITHOPUS.
 1. perpusillus. c
 14. HIPPOCREPIS.
 1. comosa. c
 15. ONOBRYCHIS.

1. sativa. c
Hedysarum onobrychis. Sm.
 (Tr. Vicieæ.)
 16. VICIA.
 1. sylvatica. c
 2. cracca. c
 3. sativa.
 α. obovata. D. C. c
 β. segetalis. D. C. c
 —γ. angustifolia. (Sm. Lind. H.)
 —δ. bobartii. (Eng. Bot.)
 4. lathyroides.
 5. lævigata.
 6. lutea.
 7. hybrida.
 8. sepium. c
 9. bithynica.
 Lathyrus bith: D. C.
 17. ERVUM.
 1. hirsutum. c
 2. tetraspermum. c
 β. gracile.
 18. PISUM.
 1. maritimum.
 Lathyrus pisiformis. H.
 19. LATHYRUS.
 1. sylvestris. c
 †2. latifolius. †c
 3. pratensis. c
 4. palustris. c
 5. aphaca. c
 6. nissolia. c
 7. hirsutus.
 20. OROBUS.
 1. niger.
 2. sylvaticus.
 β. simplicifolius.
 3. tuberosus.
 β. tenuifolius.
 XXV. ROSACEÆ.
 (Tr. Amygdaleæ.)
 1. PRUNUS.
 1. spinosa. c
 √ 2? insititia. c
 √ *3? domestica *c
 2. CERASUS.





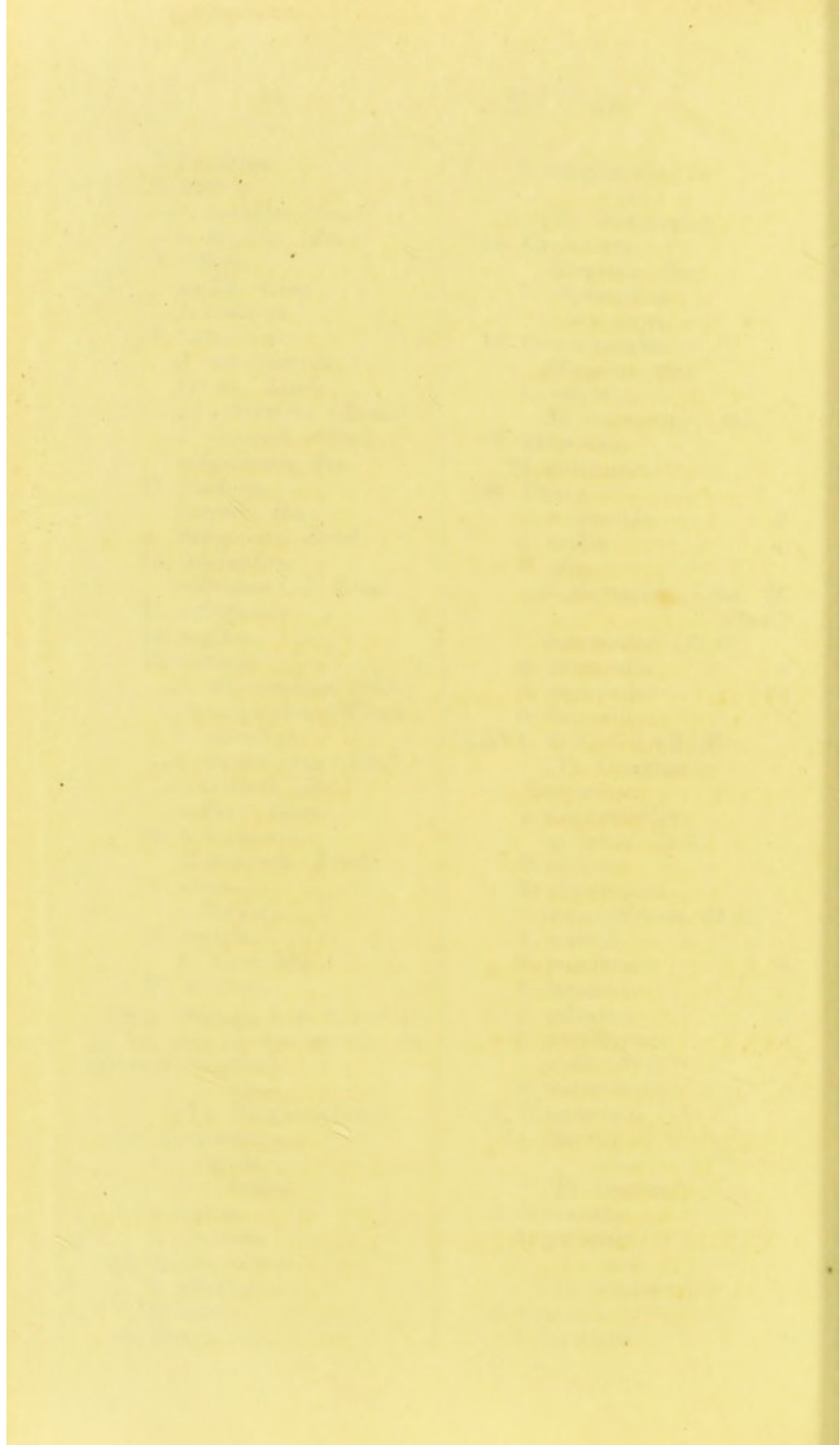
- Prunus. Sm. H.*
 1. avium. *c
P. cerasus. Sm. H.
 2. padus. *c
-
- (Tr. Spirææ.)
 3. SPIRÆA.
 †1. salicifolia.
 2. ulmaria. c
 3. filipendula. c
-
- (Tr. Dryadeæ.)
 4. DRYAS.
 1. octopetala.
 5. GEUM. ✓
 1. urbanum.
 α . vulgare. c
 β . sylvestre. c
 2. rivale. c
 β . hybridum. c
 6. RUBUS.
 1. idæus. †c
 2. cæsius. c
 — β . dumetorum. (*Lind.*)
 3. hirtus.
 4. corylifolius. c
 vulgaris. Lind.
 5. köhleri.
 glandulosus. Sm.
 — β . fusco-ater. (*Lind.*)
 — γ . pallidus. (*Lind.*)
 affinis. Sm.
 6. echinatus.
 7. rudis.
 8. plicatus.
 nitidus. Sm.
 9. fastigiatus.
 10. suberectus.
 11. affinis.
 12. nitidus.
 13. fruticosus. c
 — β . discolor. (*Lind.*)
 — γ . abruptus. (*Lind.*)
 14. carpinifolius.
 15. rhamnifolius.
 — β . cordifolius. (*Lind.*)
 16. macrophyllus.
 17. vulgaris.

18. leucostachys.
 — β . diversifolius. (*Lind.*)
 19. saxatilis.
 °20. arcticus.
 21. chamæmorus.
 [N.B. Perhaps 1, 2?, 4?, 13, 19,
 20, 21, may be true species, the
 rest only varieties.]
 7. FRAGARIA.
 1. vesca. c
 — β . calycina. (*Lind.*)
 2? elatior.
 moschata. Lind.
 8. POTENTILLA.
 1. tormentilla. c
Tormentilla officinalis. H. Sm.
 β . nemoralis.
 —*Torm: reptans. (H. Sm.)*
 2. reptans. c
 3. verna. c
 — β . alpestris. (*Auct.*)
 4? opaca.
 5. argentea. c
 6. fruticosa.
 7. anserina. c
 8. comarum. c
Comarum palustre. H. Sm.
 9. rupestris.
 °10. alba.
 11. tridentata.
 12. fragariastrum. c
 fragaria. D.C.
 9. SIBBALDIA.
 1. procumbens.
 10. AGRIMONIA.
 1. eupatoria. c
-
- (Tr. Roseæ.)
 11. ROSA.
 °1. cinnamomea.
 2. dicksoni.
 dicksoniana. Lind.
 3. rubella.
 4. spinosissima. *c
 β . pilosa.
 γ . islandica.
 5. hibernica.
 6. wilsoni.

7. involuta.
 8. sabini.
 —β. doniana. (*Sm.*)
 —γ. gracilis. (*Sm.*)
 9. villosa. °c
 mollis. Lind.
 β. resinosa.
 10. tomentosa. c
 β. scabrinscula.
 fætida. Lind.
 —γ? sylvestris. (*Lind.*)
 —δ? sherardi. (*Sm.*)
 subglobosa. Sm.
 11. inodora.
 borreri. Sm.
 rubig: var. Lind.
 12. micrantha.
 rubiginosa. β. Lind.
 13. rubiginosa. c
 14. sepium.
 15. canina. c
 —β. sarmentacea. (*Sm.*)
 —glaucophylla. (*Winch.*)
 γ. circulosa.
 —δ. dumetorum. (*Sm.*)
 —ε. forsteri. (*Sm.*)
 collina. Lind.
 16. bractescens.
 dumetorum. Lind.
 17. cæsia.
 β. incana.
 18. systyla.
 β. lanceolata.
 19. arvensis. c
- [N.B. Perhaps 1, 4, 9, 10? 13, 15, 19, may be true species, the rest only varieties.]
- (Tr. Sanguisorbeæ.)
12. ALCHEMILLA.
 1. vulgaris. c
 β. hybrida.
 2. alpina.
 3. arvensis. c
13. SANGUISORBA.
 1. officinalis. c
 2? media.
14. POTERIUM.

- ✓ 1. sanguisorba. c
 —
 (Tr. Pomaceæ.)
15. CRATÆGUS.
 Mespilus. Sm.
 1. oxyacantha. c
 β. eriocarpa.
16. COTONEASTER.
 Mespilus. Sm.
 1. vulgaris.
 M. cotoneaster. Sm.
17. MESPILUS.
 *1. germanica.
18. PYRUS.
 1. communis. °c
 2. malus. c
 3. aria.
 —β. pinnatifida. (*Sm. H. Lind.*)
 intermedia. (D.C.)
 4. torminalis. c
 5. aucuparia. *c
 6. domestica.
- XXVI. ONAGRARIÆ.
 (Tr. Onagreae.)
1. EPILOBIUM.
 1. angustifolium.
 spicatum. D.C.
 2. alpinum.
 3. alsinifolium.
 organifolium. D.C.
 4. roseum.
 5. montanum. c
 6. hirsutum. c
 7. palustre. c
 8. parviflorum. c
 molle. D.C.
 9. tetragonum. c
2. ŒNOTHERA.
 *1. biennis.
- (Tr. Jussieæ.)
3. ISNARDIA.
 1. palustris.
- (Tr. Circææ.)
4. CIRCÆA.
 1. lutetiana. c

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- 2? alpina.
 β. intermedia.
 XXVII. HALORAGÆÆ.
 (Tr. Cercodeæ.)
 1. MYRIOPHYLLUM.
 1. spicatum. c
 2. verticillatum. c
 ———
 (Tr. Hippurideæ.)
 2. HIPPURIS.
 1. vulgaris. c
 ———
 (Tr. Callitricheæ.)
 3. CALLITRICHE.
 1. verna.
 α. vulgaris. c
 β. intermedia. c
 γ. cæspitosa. c
 δ. tenuifolia.
 2. pedunculata.
 3. autumnalis.
 XXVIII. CERATOPHYLLÆÆ.
 1. CERATOPHYLLUM.
 1. demersum. c
 2? submersum.
 XXIX. LYTHRARIÆÆ.
 (Tr. Salicariææ.)
 1. LYTHRUM.
 1. salicaria. c
 2. hyssopifolium. c
 2. PEPLIS.
 1. portula. c
 XXX. TAMARISCINÆÆ.
 1. TAMARIX.
 †1. gallica.
 XXXI. CUCURBITACEÆÆ.
 (Tr. Cucurbiteææ.)
 1. BRYONIA.
 1. dioica. c
 XXXII. PORTULACÆÆÆ.
 1. MONTIA.
 1. fontana. c
 β. major.
 XXXIII. PARONYCHIEÆÆ.
 (Tr. Telephieææ.)
 1. CORRIGIOLA.
 1. littoralis.

- (Tr. Illecebreææ.)
 2. HERNIARIA.
 1. glabra.
 2? hirsuta.
 3. ILLECEBRUM.
 1. verticillatum.
 ———
 (Tr. Polycarpæææ.)
 4. POLYCARPON.
 1. tetraphyllum.
 ———
 (Tr. Scleranthæææ.)
 5. SCLERANTHUS.
 1. annuus. c
 2? perennis.
 XXXIV. CRASSULACEÆÆ.
 (Tr. Crassuleæææ.)
 1. TILLÆA.
 1. muscosa.
 2. COTYLEDON.
 Umbilicus. D. C.
 1. umbilicus.
 U. pendulinus. D. C.
 °2. lutea.
 U. erectus. D. C.
 3. SEDUM.
 1. rhodiola.
 Rhodiola rosea. Sm. H.
 2. telephium. c
 3. anglicum.
 4. villosum.
 5. dasyphyllum. *c
 6. album. *c
 7. acre. c
 8. sexangulare. c
 9. rupestre.
 10. forsterianum.
 11. glaucum.
 albescens. Lind.
 12. reflexum. *c
 4. SEMPERVIVUM.
 °1. tectorum. °c
 XXXV. GROSSULARIÆÆÆ.
 1. RIBES.
 *1. grossularia.
 uva-crispa. D. C.
 *a. sylvestre. *c
 *β. uva-crispa. *c

sativum. D.C.

2. *alpinum.*
3. *spicatum.*
4. *rubrum.* *c
5. *petraeum.*
6. *nigrum.* *c

XXXVI. SAXIFRAGACEÆ.

(Tr. Saxifrageæ.)

1. SAXIFRAGA.
 1. *oppositifolia.*
 2. *muscoïdes.*
 - β. pygmæa. (Lind. Sm.)*
 3. *cæspitosa.*
 - β. palmata.*
 4. *pedatifida.*
 - geranioides. D.C.*
 - ladanifera. D.C.*
 5. *hypnoides.*
 - α. angustifolia.*
 - β. condensata.*
 - γ. platypetala. (Lind.)*
 - leptophylla. (Lind.)*
 - δ. elongella. (Sm.)*
 - affinis. (Lind.)*
 - ε. incurvifolia. (Lind.)*
 - hirta. (Lind.)*
 - villosa. D.C.*
 - ? læte-virens. (Lind.)*
 - ? denudata. (Lind.)*
 6. *tridactylites.* c

Leiogyne. Lind.

7. *granulata.* c
8. *cernua.*
9. *rivularis.*
10. *nivalis.*

Robertsonia. Lind.

11. *stellaris.*
 - β. integrifolia.*
12. *umbrosa.*
 - α. crenata.*
 - β. punctata.*
 - γ. serrata.*
 - serratifolia. D.C.*

- 13? *hirsuta.*
 - Sp. inter 12 et 14 hybrida. W. T. Bree.*

14. *geum.*
 - hirsuta, β. D.C.*
 - β. dentata.*
 - γ. polita.*
 - δ. elegans.*
 - umbrosa, β. Sm.*
 - ε. gracilis.*

Hirculus. Lind.

15. *hirculus.*
 - H. ranunculoides. Lind.*
16. *aizoides.*
 - Leiogyne aiz. Lind.*

2. CHRYSOSPLENIUM.

1. *alternifolium.*
- ✓ 2. *oppositifolium.*

XXXVII. UMBELLIFERÆ.

Sub-ordo. Orthospermæ.

(Tr. Hydrocotyleæ.)

1. HYDROCOTYLE.
 1. *vulgaris.* c

(Tr. Saniculeæ.)

2. SANICULA.
 1. *europæa.* c
3. ERYNGIUM.
 1. *campestre.*
 2. *maritimum.*

(Tr. Ammineæ.)

4. CICUTA.
 1. *virosa.* c
5. APIUM.
 1. *graveolens.* c
6. PETROSELINUM.
 - *1. *sativum.*
 2. *segetum.* c
 - Sison seg: Sm.*

7. TRINIA.
 - Pimpinella. Sm.*
 - 1. *vulgaris.*
 - glaberrima. Lind. H.*
 - P. dioica. Sm.*

8. HELOSCIADIUM.
 - Sium. Sm. H.*
 - 1. *nodiflorum.* c
 - 2. *repens.* c
 - 3. *inundatum.* c

1. The first part of the book is devoted to a general introduction to the subject of the history of the English language. It discusses the various factors which have influenced the development of the language, such as the contact with other languages, the internal changes, and the influence of the social and cultural environment. The author also deals with the question of the standardization of the language and the role of the written word.

2. The second part of the book is a detailed account of the historical development of the English language from its earliest forms to the present day. It traces the lineage of the language from the Indo-European roots, through the Old English, Middle English, and Modern English periods, to the current state of the language. The author examines the changes in vocabulary, grammar, and pronunciation over time.

3. The third part of the book is a study of the English language in its various dialects and accents. It explores the regional variations in the language and the factors which have led to their development. The author also discusses the relationship between the different varieties of the language and the social and cultural differences between the regions.

4. The fourth part of the book is a study of the English language in its various registers and styles. It examines the differences between the language used in formal contexts, such as academic writing and official documents, and the language used in informal contexts, such as colloquial speech and slang. The author also discusses the role of the media in the development of the language.

5. The fifth part of the book is a study of the English language in its various contexts. It examines the language used in different social and cultural settings, such as the language of the workplace, the language of the home, and the language of the media. The author also discusses the role of the language in the construction of social and cultural identity.

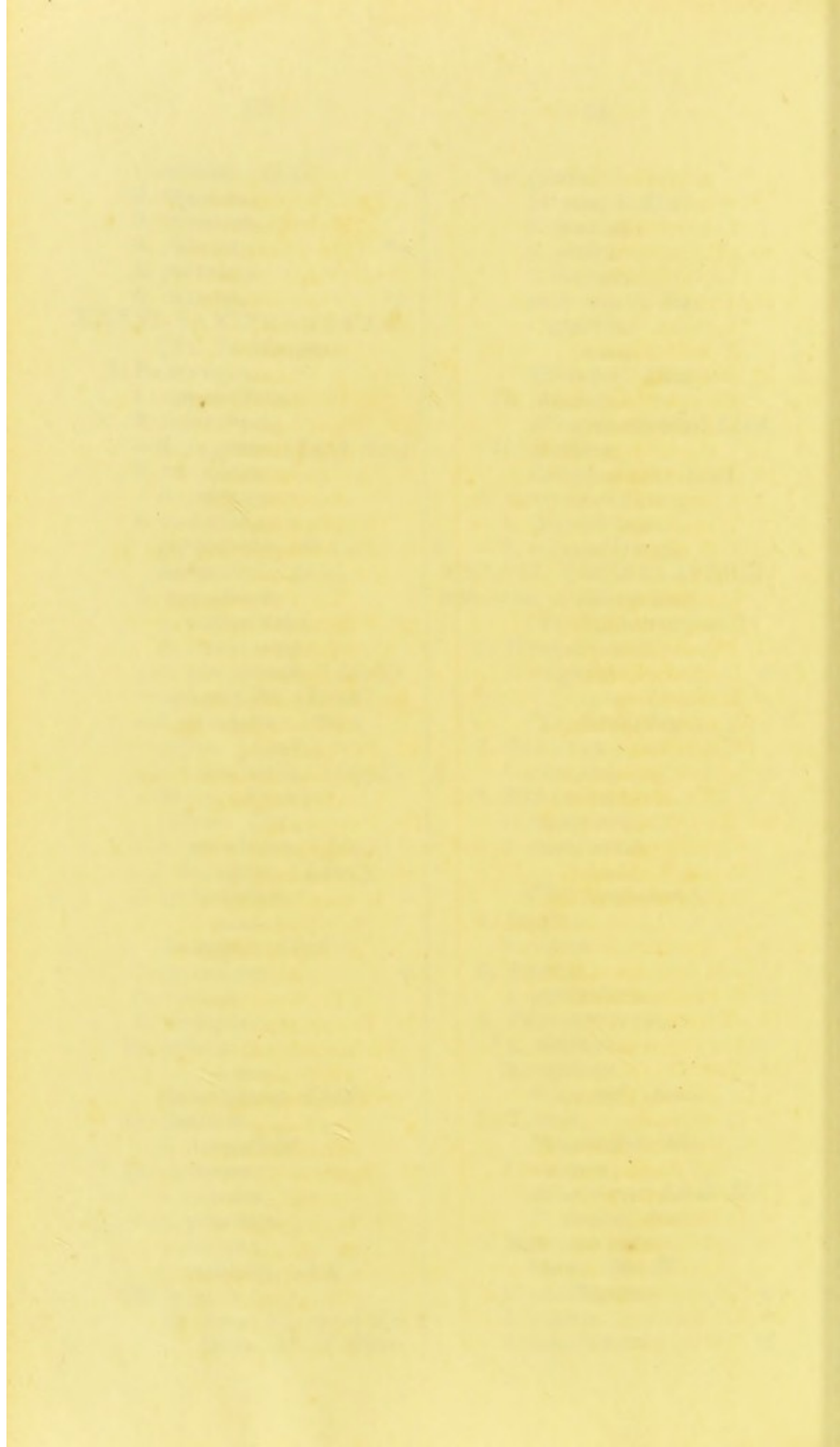
6. The sixth part of the book is a study of the English language in its various functions. It examines the language used in different communicative contexts, such as the language of instruction, the language of persuasion, and the language of information. The author also discusses the role of the language in the construction of social and cultural identity.

7. The seventh part of the book is a study of the English language in its various forms. It examines the language used in different literary and artistic contexts, such as the language of poetry, the language of prose, and the language of drama. The author also discusses the role of the language in the construction of social and cultural identity.

8. The eighth part of the book is a study of the English language in its various uses. It examines the language used in different practical contexts, such as the language of law, the language of medicine, and the language of science. The author also discusses the role of the language in the construction of social and cultural identity.

9. The ninth part of the book is a study of the English language in its various aspects. It examines the language used in different intellectual contexts, such as the language of philosophy, the language of history, and the language of science. The author also discusses the role of the language in the construction of social and cultural identity.

10. The tenth part of the book is a study of the English language in its various dimensions. It examines the language used in different cultural contexts, such as the language of religion, the language of art, and the language of science. The author also discusses the role of the language in the construction of social and cultural identity.



- β. capillaceum.
 9. SISON. c
 1. amomum. c
 10. ÆGOPODIUM. c
 1. podagraria. c
 11. CARUM. °c
 *1. carui. °c
 2. verticillatum.
 12. BUNIUM.
 Conopodium. Lind. H.
 1. flexuosum. c
 denudatum. D.C.
 13. PIMPINELLA.
 1. magna. c
 2. saxifraga. c
 β. nigra.
 14. SIUM.
 1. latifolium. c
 2. angustifolium. c
 15. BUPLEURUM.
 1. tenuissimum. c
 2. odontites.
 †3. rotundifolium. †c
 †4. falcatum.
 —
 (Tr. Seselineæ.)
 16. ŒNANTHE.
 1. fistulosa. c
 2. pimpinelloides. c
 —β. peucedanifolia. (Auct.) c
 3. crocata.
 —β. apiifolia. (D.C.)
 4. phellandrium. c
 17. ÆTHUSA. c
 1. cynapium. c
 18. FENICULUM.
 Meum. Sm.
 1. officinale. †c
 vulgare. Lind. H.
 M. feniculum. Sm.
 19. LIBANOTIS.
 1. vulgaris. c
 Athamanta lib: Sm.
 Seseli. lib: Lind.
 β. pubescens. c
 20. LIGUSTICUM.
 1. scoticum.

21. SILAUS.
 Cnidium. Sm.
 1. pratensis. c
 Cn. silaus. Sm.
 22. MEUM.
 1. athamanticum.
 23. CRITHMUM.
 1. maritimum.
 —
 (Tr. Angeliceæ.)
 24. ANGELICA.
 1. sylvestris. c
 25. ARCHANGELICA.
 Angelica. Sm.
 °1. officinalis.
 An. archangelica. Sm. H.
 —
 (Tr. Peucedaneæ.)
 26. PEUCEDANUM.
 †1. officinale.
 2. palustre. c
 montanum. D.C.
 Selinum pal: Sm.
 27. IMPERATORIA.
 Peucedanum. Sm. Lind.
 1. ostruthium.
 28. PASTINACA.
 1. sativa. c
 29. HERACLEUM.
 1. spondylium.
 α. vulgare. c
 β. angustifolium.
 —
 (Tr. Tordylineæ.)
 30. TORDYLIUM.
 *1. maximum.
 °2. officinale.
 Condyllocarpus off: Lind.
 —
 (Tr. Daucineæ.)
 31. DAUCUS.
 1. carota. c
 2? maritimus.
 —
 Sub-ordo. Campylospermæ.
 (Tr. Caucalineæ.)
 32. CAUCALIS.
 †1. daucoides. *c

33. TURGENIA.

Caucalis. Sm. Lind.

*1. latifolia. *c

34. TORILIS.

1. anthriscus. c

2. infesta. c

helvetica. D. C.

3. nodosa. c

(Tr. Scandicineæ.)

35. SCANDIX.

✓ 1. pecten-veneris. c

36. ANTHRISCUS.

1. sylvestris. c

Chærophyllum syl: Sm.

2. cerefolium.

Chær: sativum. Sm.

3. vulgaris. c

37. CHÆROPHYLLUM.

Myrrhis. Sm.

1. temulentum. c

temulum. D. C.

†2. aureum.

†3. aromaticum.

38. MYRRHIS.

1. odorata.

(Tr. Smyrneæ.)

39. ECHINOPHORA.

°1. spinosa.

40. CONIUM.

1. maculatum. c

41. PHYSOSPERMUM.

Ligusticum. Sm.

1. cornubiense.

commutatum. Lind.

42. SMYRNIUM.

1. olusatrum. *c

Sub-ordo. Cælospermæ.

(Tr. Coriandreæ.)

43. CORIANDRUM.

*1. sativum. °c

XXXVIII. ARALIACEÆ.

1. ADOXA.

1. moschatellina. c

2. HEDERA.

1. helix. c

XXXIX. CORNEÆ.

1. CORNUS.

1. sanguinea. c

2. suecica

XL. LORANTHACEÆ.

1. VISCUM.

1. album. c

XLI. CAPRIFOLIACEÆ.

(Tr. Sambuceæ.)

1. SAMBUCUS.

1. ebulus. c

2. nigra. c

*β. laciniata.

2. VIBURNUM.

1. lantana. c

2. opulus. c

(Tr. Lonicereæ.)

3. LONICERA.

Caprifolium. Lind.

†1. caprifolium. †c

C. perfoliatum. Lind.

2. periclymenum. c

Lonic. veræ Lind.

†3. xylosteum.

4. LINNÆA.

1. borealis.

XLII. RUBIACEÆ.

(Tr. Stellatæ.)

1. SHERARDIA.

°1. arvensis. c

2. ASPERULA.

°1. arvensis.

2. cynanchica. c

3. odorata. c

3. RUBIA.

1. peregrina.

4. GALIUM.

1. pusillum.

læve. D. C.

2. cinereum.

tenuifolium. D. C.

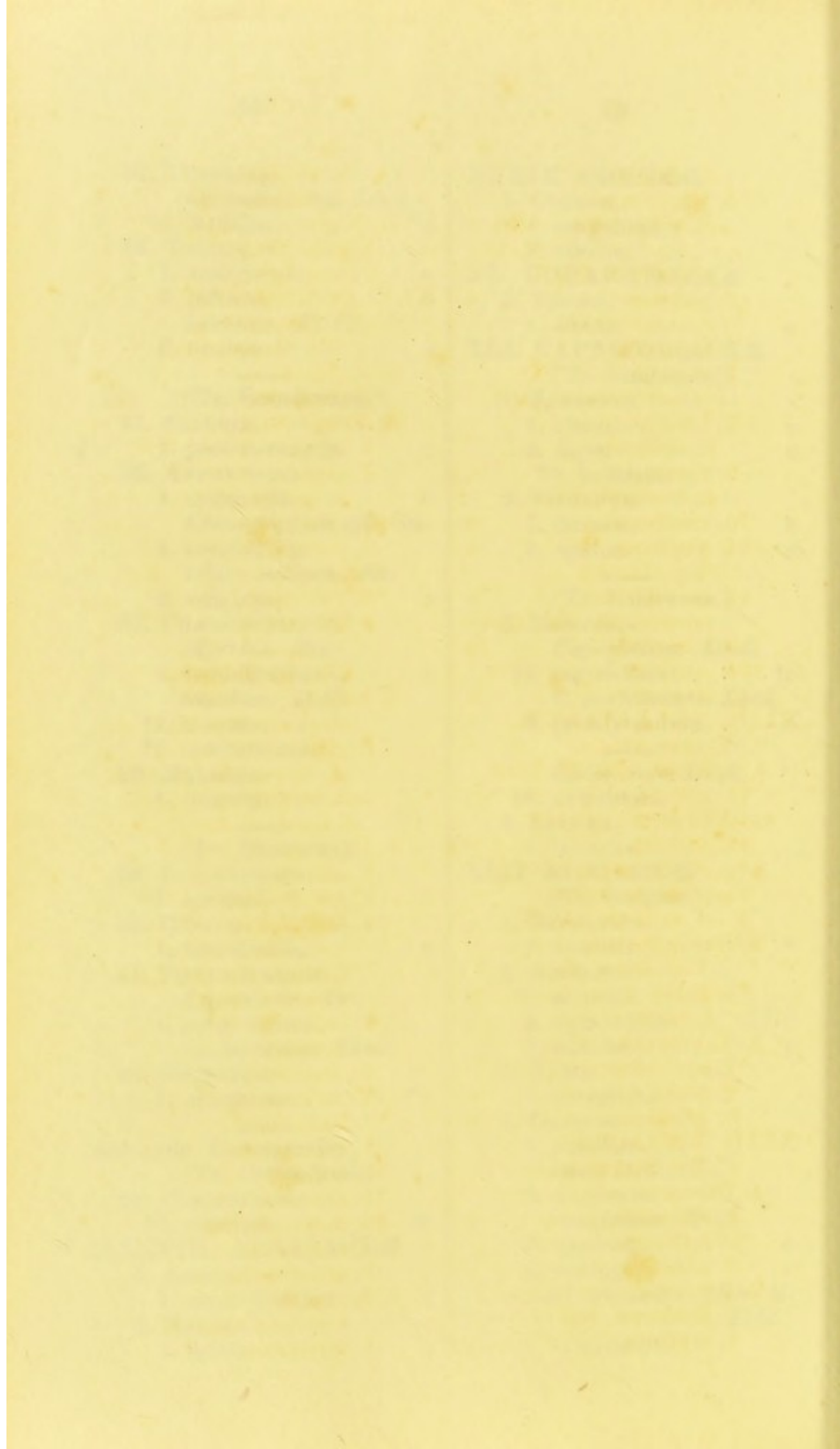
3. erectum. c

4. mollugo. c

—β? aristatum. (Sm. H. Lind.)

γ. scabrum.

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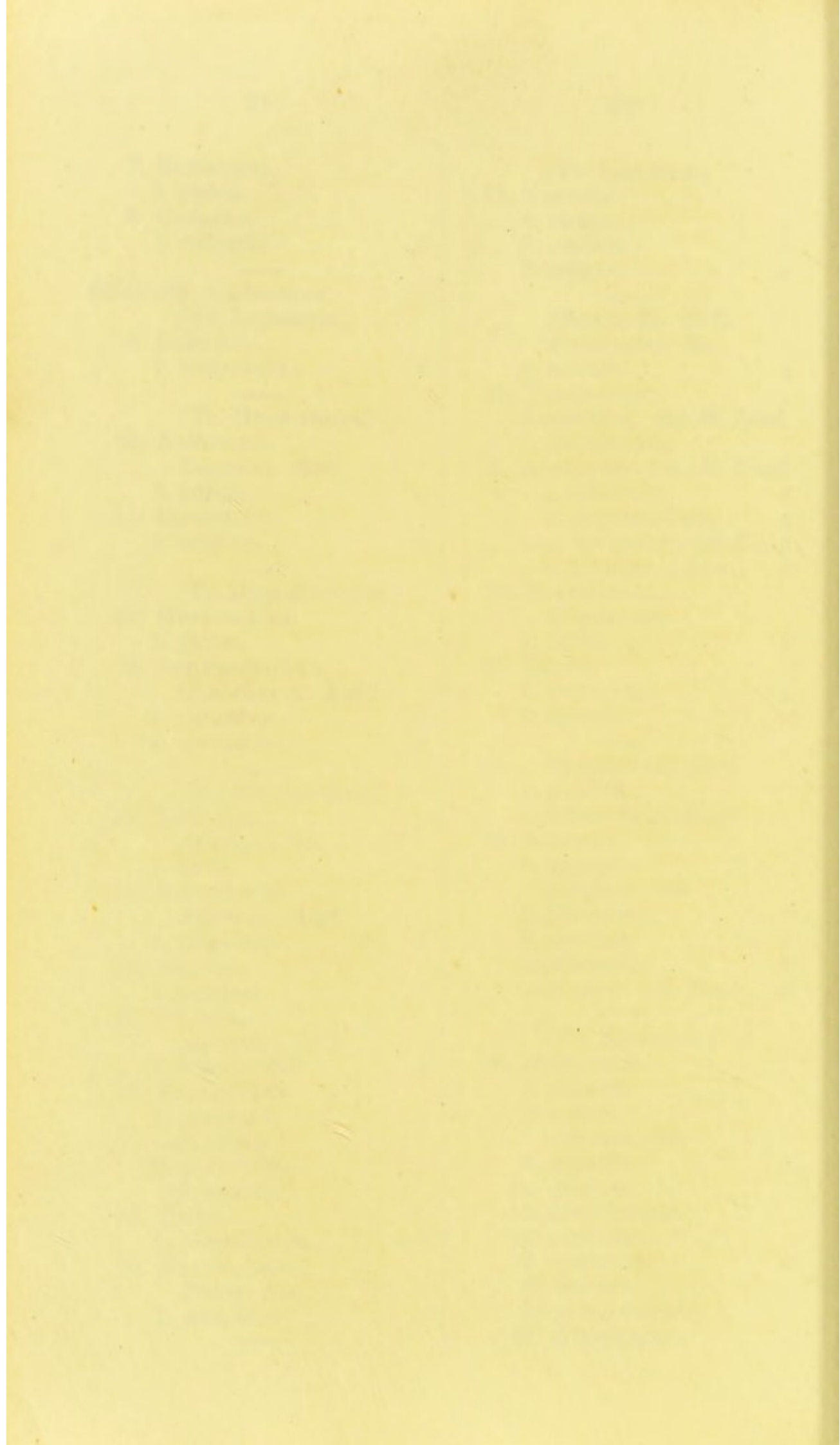
- δ. elatum.
 5. uliginosum. c
 —β. witheringii. (Sm. c
 Lind.)
palustre β. Hook.
 6. palustre. c
 β. constrictum.
 γ. debile.
 7. saxatile. c
 —β. hercynicum. (D.C.)
 8. boreale.
 β. scabrum.
 9. verum. c
 β. trachyphyllum.
 10. cruciatum. c
 11. anglicum. c
 β. parisiense.
 12. saccharatum.
verrucosum. Sm. Lind.
 †13. tricornis. †c
 †14. spurium.
 15. aparine. c
XLIII. VALERIANEÆ.
 1. VALERIANELLA.
Fedia. Sm. H. Lind.
 †1. olitoria. †c
 †—β. carinata. (D.C.)
 †2. dentata. *c
 †—β. eriocarpa. (D.C.)
 †—γ. mixta. (D.C.)
 †—δ. auricula. (D.C.)
 2. CENTRANTHUS.
Valeriana. Sm.
 *1. ruber. °c
latifolius. D.C.
 3. VALERIANA.
 *1. pyrenaica.
 2. dioica. c
 3. officinalis. c
XLIV. DIPSACEÆ.
 (Tr. Scabioseæ.)
 1. DIPSACUS.
 1. sylvestris. c
 °2? fullonum.
 3. pilosus. c
 2. KNAUTIA.
Scabiosa. Sm.
 1. arvensis.

- α. vulgaris. c
 β. collina.
 3. SCABIOSA.
 1. columbaria. c
 2. succisa. c
XLV. COMPOSITÆ.
 Sub-ordo. Cynaroideæ.
 (Tr. Centauriææ.)
 1. SERRATULA.
 1. tinctoria. c
 2. CENTAUREA.
 1. jacea.
 2. nigra. c
 β. radiata.
 †3. cyanus. †c
 4. scabiosa. c
 °5. isnardi.
 *6. solstitialis. °c
 7. calcitrapa. c
 —
 (Tr. Carduineæ.)
 3. LAPPA.
Arctium. Sm. D.C. H.
 1. glabra. c
A. lappa. Sm. D.C. H.
 —β. tomentosa. (Lind.) c
A. bardana. Sm. D.C. H.
 4. CARDUUS.
 1. nutans. c
 2. acanthoides. c
 3. tenuiflorus.
 —
Cnicus. Sm. H. Lind.
Circium. D.C.
 4. palustris. c
 5? forsteri.
 6. pratensis. c
 7? tuberosus.
 8. lanceolatus. c
 9. eriophorus. c
 10. acaulis. c
 11. arvensis. c
 12. heterophyllus.
 5. ONOPORDUM.
 1. acanthium. c
 6. SILYBUM.
Carduus. Sm. H.
 1. marianum. c

7. SAUSSUREA.
1. alpina.
8. CARLINA.
1. vulgaris. c
-
- Sub-ordo. Cichoraceæ.
(Tr. Lapsanææ.)
9. LAPSANA.
1. communis. c
-
- (Tr. Hyoserideæ.)
10. ARNOSERIS.
Lapsana. Auct.
1. pusilla. c
11. CICHORIUM.
1. intybus. c
-
- (Tr. Hypochærideæ.)
12. HYPOCHÆRIS.
1. glabra. c
13. ACHYROPHORUS.
Hypochæris. Auct.
1. radicans. c
2. maculatus. c
-
- (Tr. Scorzonereæ.)
14. THRINIA.
Apargia. Sm.
1. hirta. c
15. LEONTODON.
Apargia. Auct.
1. hispidum. c
16. APARGIA.
1. taraxaci.
17. OPORINA.
Apargia. Auct.
1. autumnalis. c
18. TRAGOPOGON.
1. pratensis. c
—β. major.
†2. porrifolius.
†β. æqualis.
19. PICRIS.
1. hieracioides. c
20. HELMINTHIA.
Picris. Sm.
1. echioides. c
-

- (Tr. Lactuceæ.)
21. LACTUCA.
1. virosa. c
2. scariola. c
3. saligna. c
-
- Chondrilla. D. C.*
Prenanthes. Sm.
4. muralis. c
22. TARAXACUM.
Leontodon. Sm. H. Lind.
1. dens-leonis.
L. taraxacum. Sm. H. Lind.
α. officinale. c
β. angustifolium. c
—γ. lævigatum. (D. C.) c
✓ —δ. palustre. (Auct.) c
23. BARKHAUSIA.
Crepis. Sm.
1. foetida. c
24. CREPIS.
1. tectorum. c
2. biennis.
-
- Prenanthes. Auct.*
3. pulchra.
hieracifolia. Lind.
25. SONCHUS.
1. alpinus.
cæruleus. Sm.
2. palustris. c
3. arvensis. c
4. oleraceus. c
—β. asper. (E. Bot.) c
-
- (Tr. Hieracieæ.)
26. HIERACIUM.
1. alpinum.
2? halleri.
villosum. Sm.
3. pilosella. c
†4. dubium.
†5. aurantiacum.
†6. auricula. c
7. murorum.
8? lawsoni.
9? pulmonarium.
10. sylvaticum.



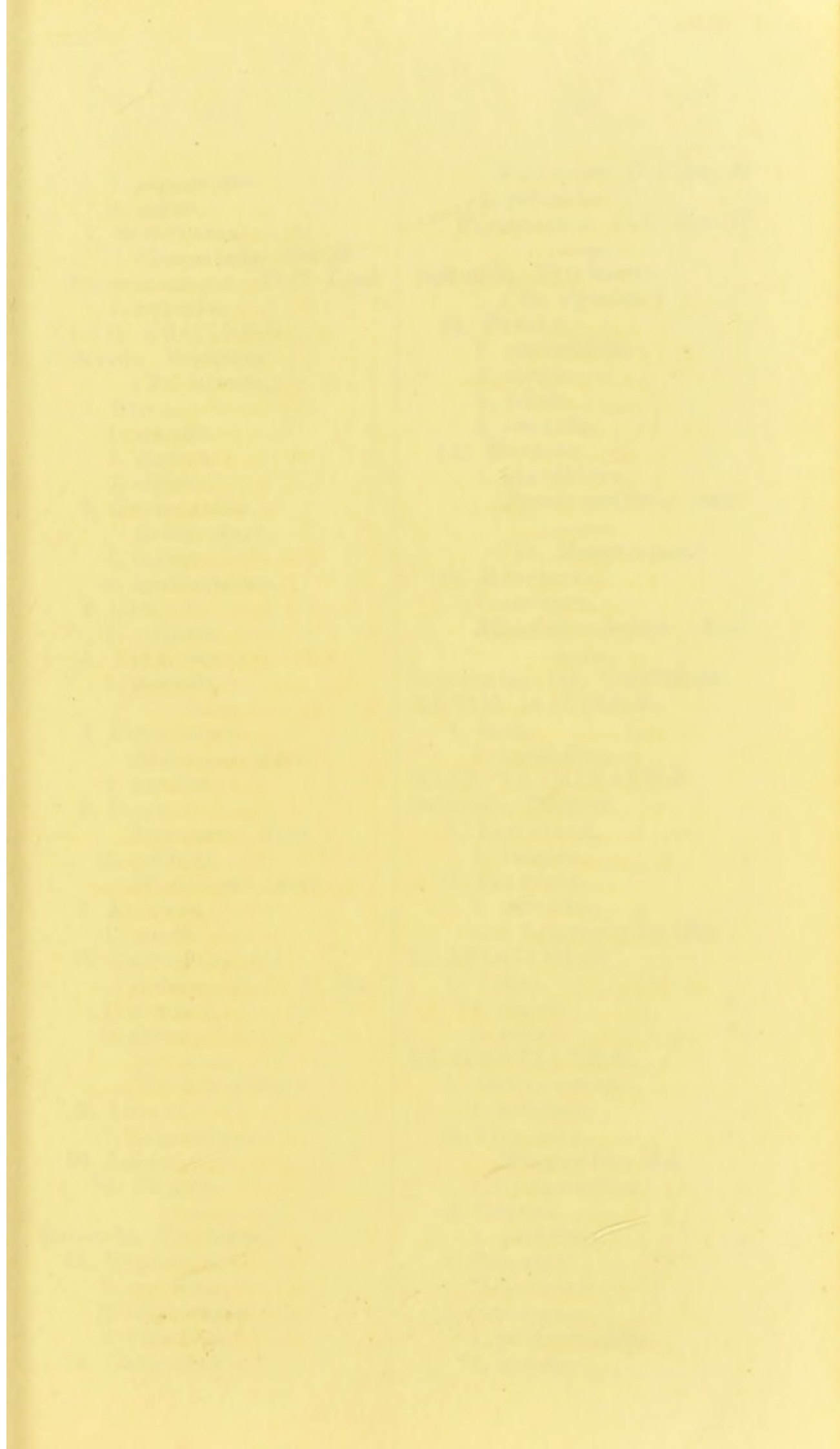


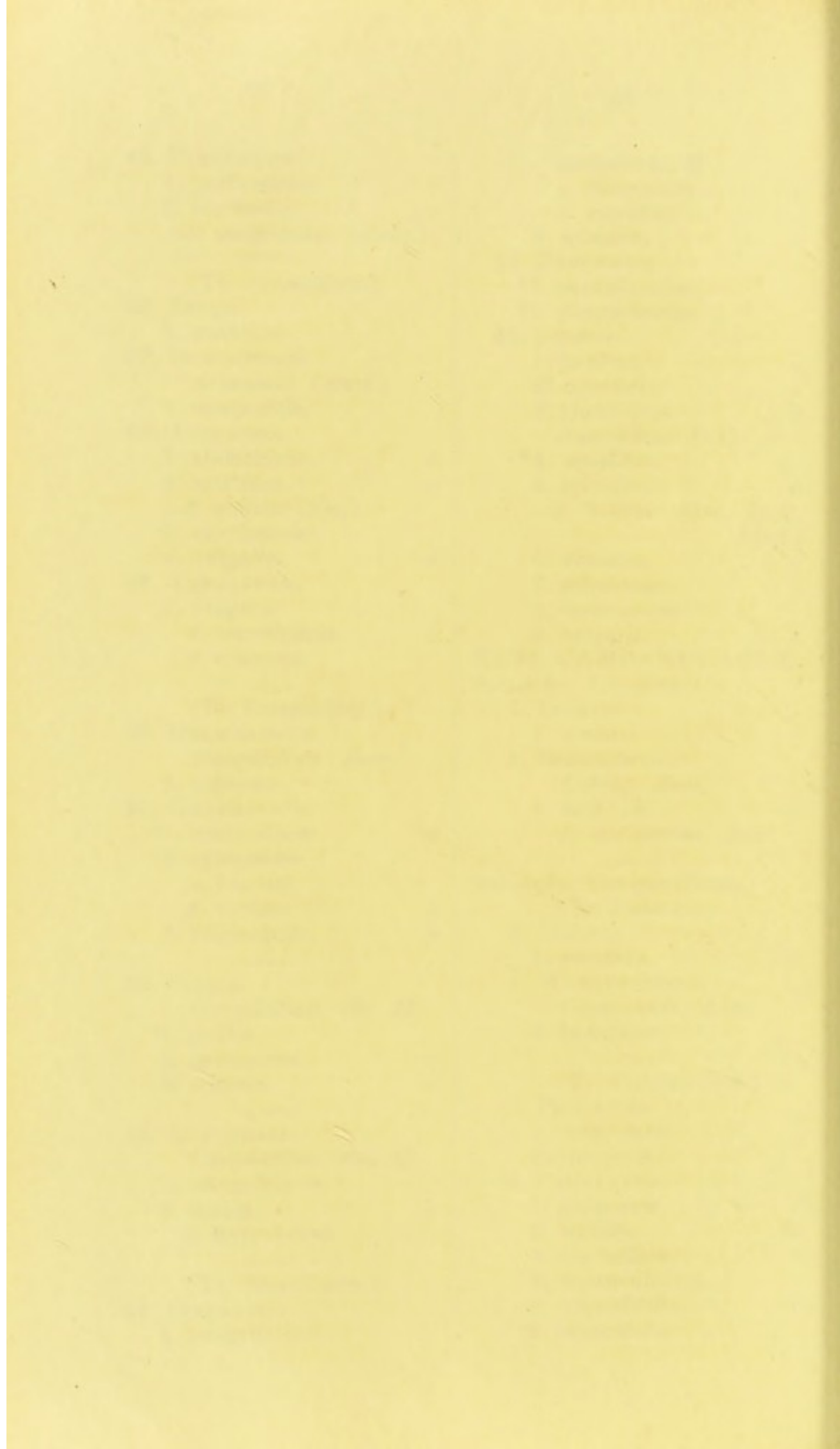
- β. maculatum. (Sm.)*
γ. pictum.
 11. *paludosum.*
 12. *molle.*
 13. *cerinthoides.*
 †14. *amplexicaule.*
 15. *denticulatum.*
 16. *prenanthoides.*
 17. *sabaudum.* c
 18. *umbellatum.* c
-
- Sub-ordo. Eupatoriaceæ.
 (Tr. Eupatorieæ.)
 27. EUPATORIUM.
 1. *cannabinum.* c
-
- (Tr. Tussilagineæ.)
 28. TUSSILAGO.
 1. *farfara.* c
 29. PETASITES.
Tussilago. Sm. Lind.
 1. *vulgaris.* c
T. petasites. Sm. Lind.
β. hybrida.
fœmina. Lind.
-
- Sub-ordo. Asteroideæ.
 (Tr. Astereæ.)
 30. SOLIDAGO.
 1. *virgaurea.*
α. aurea. c
β. cambrica.
 31. ASTER.
 1. *tripolium.*
α. radiata. c
β. discoidea. c
 32. ERIGERON.
 *1. *canadensis.*
 2. *acris.* c
 3. *alpinus.*
 —*β. uniflorus. (Sm.)*
 33. BELLIS.
 √ 1. *perennis.* c
β. discoidea.
 34. CRINITARIA.
Chrysocoma. Auct.
 1. *linosyris.*
-

- (Tr. Inuleæ.)
 35. PULICARIA.
Inula. Sm.
 1. *vulgaris.* c
I. pulicaria. Sm.
 2. *dysenterica.* c
 36. INULA.
 1. *helenium.* c
 2. *crithmoides.*
Limbarda tricuspis. Lind.
Limb : crith : H.
-
- (Tr. Baccharideæ.)
 37. CONYZA.
 1. *squarrosa.* c
-
- Sub-ordo. Senecionideæ.
 (Tr. Ambrosieæ.)
 38. XANTHIUM.
 °1. *strumarium.*
-
- (Tr. Heliantheæ.)
 39. BIDENS.
 1. *tripartita.* c
β. radiata.
 2. *cernua.* c
β. radiata.
-
- (Tr. Chrysanthemeæ.)
 40. ANTHEMIS.
 1. *nobilis.*
 2. *arvensis.* c
 3. *maritima.*
 4. *tinctoria.*
 41. MARUTA.
Anthemis. Sm. H.
 1. *cotula.* c
fœtida. Lind.
 42. ACHILLEA.
 1. *tomentosa.*
 2. *ptarmica.* c
 3. *serrata.*
 4. *millefolium.* c
 43. CHRYSANTHEMUM.
 1. *leucanthemum.* c
 †2. *segetum.* †c
 44. MATRICARIA.
 1. *chamomilla.* c

45. PYRETHRUM.
 1. parthenium. c
 2. inodorum. c
 —β. maritimum. (*Auct.*)
 —
 (Tr. Artemisieæ.)
46. DIOTIS.
 1. maritima.
47. OLIGOSPORUS.
Artemisia. (*Auct.*)
 1. campestris.
48. ARTEMISIA.
 1. absinthium. c
 2. maritima. c
 —β. gallica. (*Sm.*)
 °3. cærulescens.
 4. vulgaris. c
49. TANACETUM.
 1. vulgare.
 α. tenuifolium. c
 β. crispum.
 —
 (Tr. Gnaphalieæ.)
50. HELICHRYSUM.
Gnaphalium. *Auct.*
 1. supinum.
51. GNAPHALIUM.
 °1. luteo-album. °c
 2. sylvaticum.
 α. fuscum. c
 β. rectum. c
 3. uliginosum. c
 —
52. FILAGO.
Gnaphalium. *Sm. H.*
 °1. gallica.
 2. germanica. c
 3? minima. c
 —
53. ANTENNARIA.
Gnaphalium. *Sm. H.*
 †1. margaritacea.
 2. dioica. c
 β. hyperborea.
 —
 (Tr. Senecioneæ.)
54. CINERARIA.
 1. integrifolia.

- campestris.* *H.*
 α. campestris. c
 β. maritima.
 2. palustris. c
55. DORONICUM.
 †1. pardalianches.
 †2. plantagineum.
56. SENECIO.
 1. jacobæa. c
 2? aquaticus. c
 3. tenuifolius. c
erucæfolius. *D.C.*
 *4. squalidus.
 5. sylvaticus. c
 —β. lividus. (*Sm. D.C. Lind.*)
 6. viscosus. c
 7. paludosus. c
 8. saracenicus.
 9. vulgaris. c
- XLVI. CAMPANULACEÆ.
 Sub-ordo. Lobelieæ.
 1. LOBELIA.
 1. urens.
 2. DORTMANNA.
Lobelia. *Auct.*
 1. lacustris.
L. dortmanna. *Auct.*
 —
- Sub-ordo. Campanulineæ.
 (Tr. Jasioneæ.)
 3. JASIONE.
 1. montana. c
 4. WAHLENBERGIA.
Campanula. *Auct.*
 1. hederacea.
 —
 (Tr. Campanuleæ.)
5. PHYTEUMA.
 1. orbiculare.
 2. spicatum.
6. CAMPANULA.
 1. glomerata. c
 2. latifolia. †c
 3. trachelium. c
 4. rapunculoides.
 5. rotundifolia. c
 °6. persicifolia.





7. rapunculus.
8. patula.
7. SPECULARIA.
 Campanula. Sm. H.
 Prismatocarpus. D.C. Lind.
 1. hybrida. c
XLVII. ERICINEÆ.
Sub-ordo. Ericaceæ.
 (Tr. Ericææ.)
1. ERICA.
 1. tetralix. c
 2. cinerea. c
 3. ciliaris.
2. GYPSOCALLIS.
 Erica. Auct.
 1. vagans.
 2. mediterranea.
3. CALLUNA.
 1. vulgaris. c
4. ANDROMEDA.
 1. polifolia.
 —
5. PHYLLODOCE.
 Menziesia. Auct.
 1. cœrulea.
6. DABECIA.
 Menziesia. Auct.
 1. polifolia.
 M. dabeoci. Auct.
7. ARBUTUS.
 1. unedo.
8. ARCTOSTAPHYLOS.
 Arbutus. D.C. H, Sm.
 1. uva-ursi.
 2. alpina.
 —
 (Tr. Rhodoreæ.)
9. AZALEA.
 1. procumbens.
10. LEDUM.
 °1. palustre.
 —
Sub-ordo. Vaccinieæ.
11. VACCINIUM.
 1. myrtillus.
 2. uliginosum.
 3. vitis-idaea.
12. OXYCOCCOS.

- Vaccinium. D.C. Sm. H.*
 1. palustris. c
 V. oxycoccos. D.C. Sm. H.
 —
Sub-ordo. Pyroleaceæ.
 (Tr. Pyroleæ.)
13. PYROLA.
 1. rotundifolia.
 2. media.
 3. minor.
 4. secunda.
14. MONESES.
 1. grandiflora.
 Pyrola uniflora. Auct.
 —
 (Tr. Monotropeæ.)
15. HYPOPITYS.
 1. europæa. c
 Monotropa hypop: Auct.
 —
SUB-CLASSIS III. Corollifloræ.
XLVIII. ILICINEÆ.
 1. ILEX.
 1. aquifolium. c
XLIX. JASMINACEÆ.
Sub-ordo. Oleineæ.
 1. LIGUSTRUM.
 1. vulgare. c
 2. FRAXINUS.
 1. excelsior. c
 —β. heterophylla. (Sm.)
L. APOCYNEÆ.
 1. VINCA.
 ✓ *1. major. *c
 ✓ 2. minor. *c
LI. GENTIANEÆ.
 1. MENYANTHES.
 1. trifoliata. c
 2. VILLARSIA.
 Menyanthes. Sm.
 1. nymphæoides. c
 3. CHLORA.
 1. perfoliata. c
 4. SWERTIA.
 °1. perennis.
 5. GENTIANA.
 1. pneumonanthe.
 °2. acaulis.

3. verna.
 4. nivalis.
 5. amarella.
 α . autumnalis. c
 β . vernalis.
 6. campestris.
 6. ERYTHRÆA.
 1. centaurium. c
 2? pulchella. c
 3? littoralis.
 4? latifolia.
 7. EXACUM.
 1. filiforme.
 LII. POLEMONIACEÆ.
 1. POLEMONIUM.
 1. cæruleum.
 LIII. CONVULVACEÆ.
 (Tr. Convolvuleæ.)
 1. CONVULVULUS.
 1. arvensis. c
 —
 Calystegia. Lind.
 2. sepium. c
 3. soldanella.
 —
 (Tr. Cuscutæ.)
 2. CUSCUTA.
 1. europæa. c
 2. epithymum. c
 LIV. BORAGINEÆ.
 (Tr. Boragææ.)
 1. ECHIUM.
 1. vulgare. c
 \circ 2. italicum.
 \circ 3. violaceum.
 2. LITHOSPERMUM.
 1. arvense. c
 2. officinale. c
 3. purpuro-cæruleum.
 4. maritimum.
 3. PULMONARIA.
 †1. angustifolia.
 †2. officinalis.
 4. SYMPHYTUM.
 1. officinale. c
 β . patens.
 2. tuberosum.
 5. LYCOPSIS.

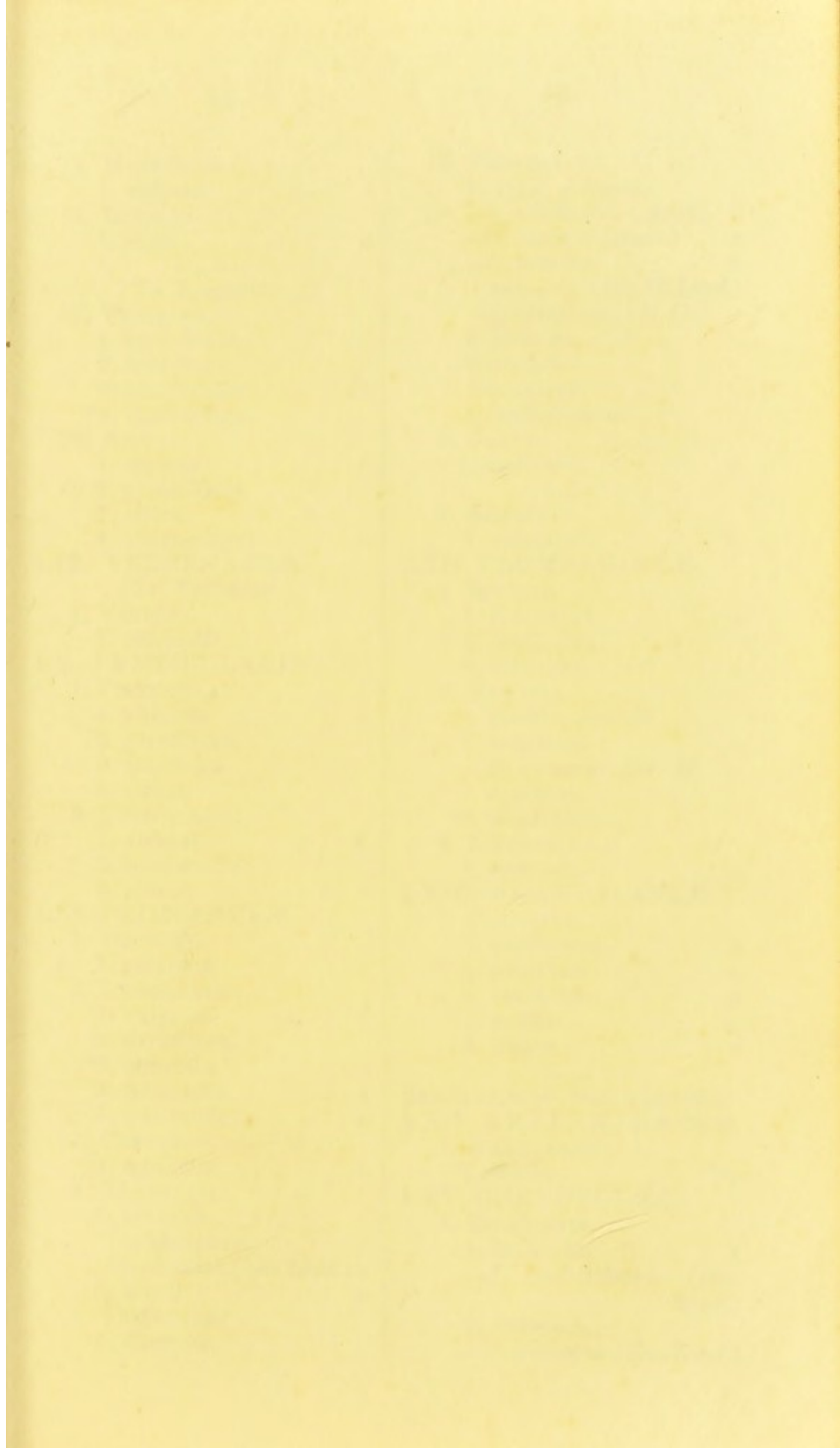
1. arvensis. c
 6. ANCHUSA.
 †1. officinalis.
 †2. sempervirens. \circ c
 7. BORAGO.
 *1. officinalis. *c
 8. ASPERUGO.
 1. procumbens. \circ c
 9. MYOSOTIS.
 1. palustris. c
 β . repens.
 2? cæspitosa.
 3. alpestris.
 4. sylvatica. c
 5? arvensis. c
 6? collina.
 arvensis. Sm.
 7. versicolor. c
 10. CYNOGLOSSUM.
 1. officinale. c
 2. sylvaticum.
 LV. SOLANEÆ.
 1. SOLANUM.
 1. nigrum. c
 2. dulcamara. c
 2. ATROPA.
 1. belladonna. c
 3. DATURA.
 \circ 1. stramonium. \circ c
 4. HYOSCYAMUS.
 1. niger. c
 5. VERBASCUM.
 1. thapsus. c
 2? thapsiforme.
 3. lychnitis. \circ c
 4. pulverulentum. c
 5. nigrum. c
 6. virgatum.
 7. blattaria.
 8. ferrugineum.
 LVI. OROBANCHEÆ.
 1. OROBANCHE.
 1. major. c
 2. caryophyllacea. c
 3. elatior. c
 4. minor. c
 5. rubra.
 6. cærulea

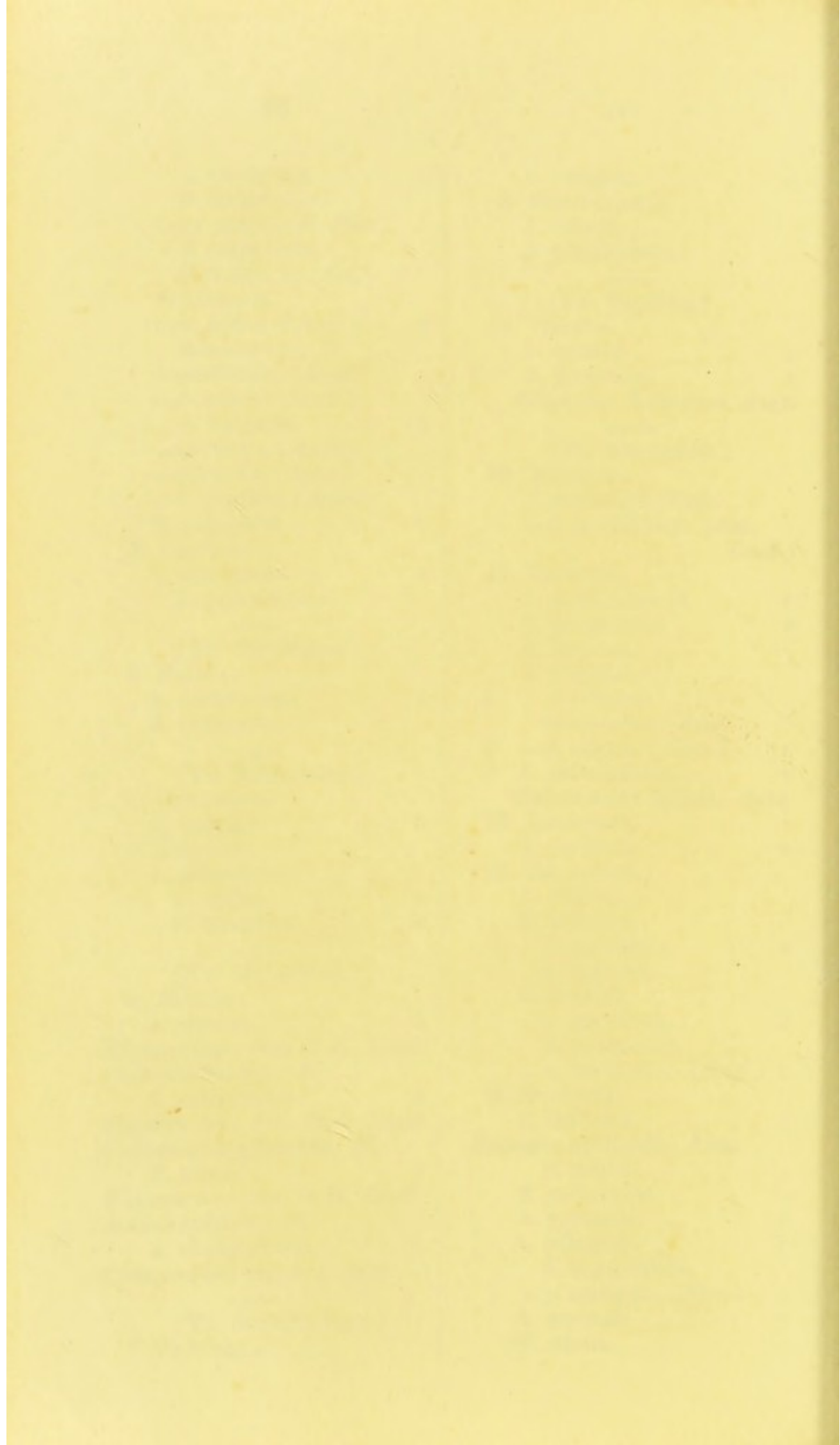
7. ramosa. c
 2. LATHRÆA.
 1. squamaria.
 β. lanceolata.
 LVII. SCROPHULARINEÆ.
 (Tr. Antirrhineæ.)
 1. DIGITALIS.
 1. purpurea.
 2. ANTIRRHINUM.
 *1. majus. *c
 †2. orontium.
 3. LINARIA.
 Antirrhinum. Sm.
 *1. cymbalaria. *c
 2. elatine. c
 3. spuria. c
 β. peloria. c
 4. minor. c
 5. repens.
 6. vulgaris. c
 A. linaria. Sm.
 β. peloria. c
 γ. ecalcarata. c
 4. SCROPHULARIA.
 1. nodosa. c
 2. aquatica. c
 3. vernalis.
 4. scorodonia.
 5. LIMOSELLA.
 1. aquatica. c
 —
 (Tr. Rhinanthaceæ.)
 MELAMPYRACEÆ. LIND.
 6. MELAMPYRUM.
 1. cristatum. c
 2. arvense.
 3. pratense. c
 β. montanum.
 4. sylvaticum.
 7. PEDICULARIS.
 1. palustris. c
 √ 2. sylvatica. c
 8. RHINANTHUS.
 1. crista-galli. c
 2? major.
 9. BARTSIA.
 1. alpina.
 2. viscosa.

10. EUPHRASIA.
 1. officinalis. c
 2. odontites. c
 Bartsia od: Sm. H.
 11. SIBTHORPIA.
 1. europæa.
 —
 (Tr. Veroniceæ.)
 12. VERONICA.
 1. spicata. c
 —β. hybrida. (*Sm. Lind.*)^oc
 2. fruticulosa.
 3. saxatilis.
 4. alpina.
 √ 5. serpyllifolia. c
 β. humifusa.
 alpina. H.
 6. beccabunga. c
 7. anagallis. c
 8. scutellata. c
 9. officinalis. c
 β. allionii.
 —γ. hirsuta. (*H. Sm. Lind.*)
 √ 10. chamaedrys. c
 11. montana. c
 12. triphyllus.
 13. hederifolia. c
 14. agrestis. c
 15. polita. c
 *16. buxbaumii. *c
 √ 17. arvensis. c
 18. verna.
 LVIII. LABIATÆ.
 (Tr. Menthoidææ.)
 1. MENTHA.
 1. sylvestris.
 α. mollissima. c
 β. candicans.
 γ. vulgaris. c
 δ. nemorosa.
 2. rotundifolia. c
 †3. viridis. c
 †4. gracilis. †c
 5. piperita. c
 †6? citrata.
 7. aquatica.
 hirsuta. Auct.

- α. nemorosa. c
 β. hirsuta.
 —γ. crispa. (*E. Bot.*)
 δ. subspicata.
piperita. γ. (*Sm.*)
 8. arvensis.
 —α. sativa. (*Auct.*) c
hirsutæ var. *H.*
 —acutifolia. (*Auct.*)
 —β. rubra. (*Auct.*)
 γ. vulgaris. c
 —arvensis. (*Auct.*)
 —agrestis. (*Auct.*)
 —δ. gentilis. (*Auct.*)
 9. pulegium. c
 2. LYCOPUS.
 1. europæus. c
 β. pubescens.
 —
 (Tr. Monardeæ.)
 3. SALVIA.
 1. verbenaca. c
 2. pratensis.
 —
 (Tr. Satureineæ.)
 4. ORIGANUM.
 1. vulgare. c
 5. THYMUS.
 1. serpyllum.
 α. majus. c
 β. hirsutum. c
 —
 (Tr. Melissineæ.)
 6. MELISSA
 1. nepeta. c
Thymus nep: *Sm. D.C. Lind.*
Calamintha nep: *H.*
 2. calamintha. c
Thymus cal: *Sm. D.C. Lind.*
Calamintha officinalis. *H.*
 3. acinos. c
Thymus ac: *Sm. D.C. Lind.*
Acinos vulgaris. *H.*
 4. clinopodium. c
Clinopodium vulgare. *Auct.*
 —
 (Tr. Scutellarineæ.)
 7. PRUNELLA.

1. vulgaris. c
 8. SCUTELLARIA.
 1. minor.
 2. galericulata. c
 —
 (Tr. Nepeteæ.)
 9. NEPETA.
 1. cataria. c
 ✓ 2. glechoma. c
Glechoma hederacea. *Auct.*
 —
 (Tr. Stachydeæ.)
 10. MELITTIS.
 1. melissophyllum.
 —β. grandiflora. (*Sm. Lind.*)
 11. LAMIUM.
 1. amplexicaule. c
 2. purpureum. c
 3. incisum.
 4. vulgatum.
 ✓ α. rubrum.
maculatum. *Auct.*
 ✓ —β. album. (*Auct.*) c
 ✓ 5. galeobdolon. c
Galeobdolon luteum. *Auct.*
 12. LEONURUS.
 1. cardiaca. °c
 13. GALEOPSIS.
 1. villosa.
 2. ladanum. c
 β. parviflora. c
 γ. spinosa.
 3. tetrahit.
 α. parviflora. c
 β. pubescens.
 —γ. versicolor. (*Auct.*) c
 14. STACHYS.
 1. betonica. c
Betonica officinalis. *Auct.*
 β. major.
 2. germanica.
 3. sylvatica. c
 4. palustris. c
 β. angustifolia.
 —γ. ambigua. (*Auct.*)
 5. arvensis. c
 †6. annua.



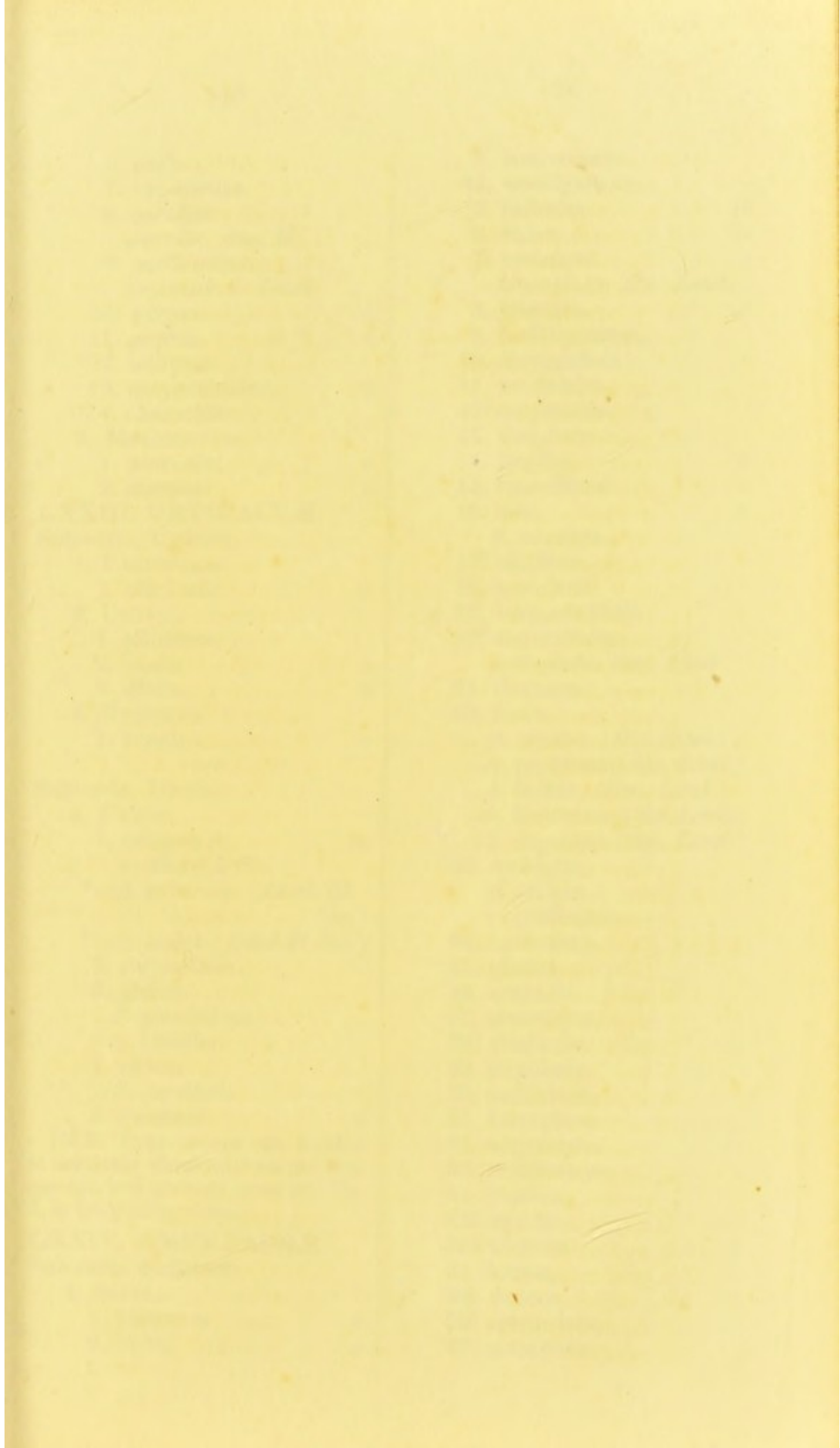


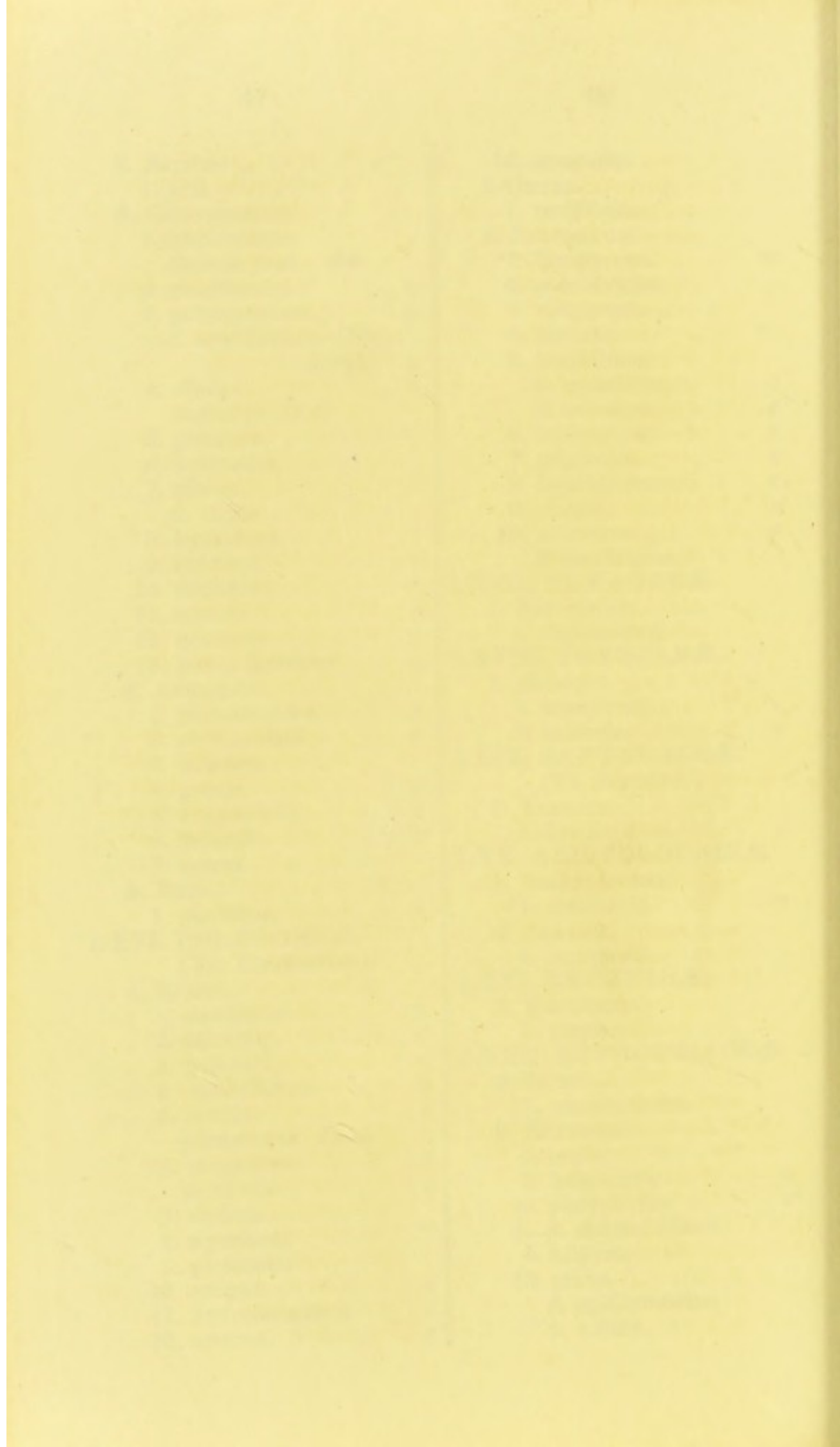
15. MARRUBIUM.
1. vulgare. c
16. BALLOTA.
1. nigra. c
- (Tr. Ajugoideæ.)
17. TEUCRIUM.
1. scorodonia. c
2. scordium. c
3? scordioides. c?
*4. chamædrys.
18. AJUGA.
1. reptans. c
2. pyramidalis.
3. alpina.
4. chamæpitys. c
- LIX. VERBENACEÆ.
(Tr. Verbenæ.)
1. VERBENA.
1. officinalis. c
- LX. LENTIBULARIÆ.
1. PINGUICULA.
1. vulgaris. c
2. grandiflora.
3. lusitanica.
4. alpina.
2. UTRICULARIA.
1. vulgaris. c
2. intermedia.
3. minor. c
- LXI. PRIMULACEÆ.
1. HOTTONIA.
✓ 1. palustris. c
2. LYSIMACHIA.
1. vulgaris. c
2. thyrsoflora.
°3. punctata.
4. nemorum. c
5. nummularia. c
3. CENTUNCULUS.
1. minimus. c
4. ANAGALLIS.
1. arvensis.
α. phænicea. c
—β. cærulea. (Sm. Lind.) c
2. tenella. c
5. TRIENTALIS.
1. europæa.

- 6 PRIMULA.
1. veris. *Linnæus*.
—α. officinalis. (Auct.) c
—β. elatior. (Auct.) c
—γ. acaulis. c
vulgaris. (Sm. H. Lind.)
grandiflora. (D. C.)
2. farinosa.
3? scotica.
7. CYCLAMEN.
1. hederifolium.
8. GLAUX.
1. maritima. c
-
9. SAMOLUS.
1. valerandi. c
- LXII. PLUMBAGINEÆ.
1. STATICE.
1. limonium. c
2. spathulata.
3. reticulata. c
2. ARMERIA.
Statice. Sm. H.
1. maritima. c
S. armeria. Sm. H.
β. alpina.
°2. plantaginea.
3. LITTORELLA.
1. lacustris. c
- LXIII. PLANTAGINEÆ.
1. PLANTAGO.
1. coronopus. c
2. maritima. c
3. lanceolata. c
4. media. c
5. major. c
-
- SUB-CLASSIS IV. Monoclamydeæ.
- LXIV. AMARANTHACEÆ.
1. AMARANTHUS.
°1. blitum. °c
- LXV. CHENOPODEÆ.
1. SALICORNIA.
1. herbacea. c
—β. procumbens. (Sm. Lind.)
2. radicans.
—β. fruticosa. (Sm. Lind.)

2. SALSOLA.
1. kali.
3. CHENOPODIUM.
1. fruticosum.
Salsola frut: Sm.
2. maritimum. c
3. polyspermum. c
—β. acutifolium. (*Sm.*
Lind.) c
4. olidum. c
vulvaria. D. C.
5. glaucum.
6. botryodes.
7. album. c
β. viride.
8. hybridum. c
9. rubrum. c
10. ficifolium. c
11. murale. c
12. urbicum. c
13. bonus-henricus. c
4. ATRIPLEX.
1. portulacoides. c
2. pedunculata. c
3. laciniata.
4. patula. c
5? angustifolia. c
6. littoralis. c
7. erecta.
5. BETA.
1. maritima. c
- LXVI. POLYGONEÆ.
(Tr. Persicarieæ.)
1. RUMEX.
1. maritimus. c
2. palustris. c
3. pulcher. c
4. obtusifolius. c
5. acutus. c
glomeratus. Lind.
6. sanguineus. c
β. viridis. c
7. alpinus.
8. aquaticus.
9. pratensis.
10. crispus. c
11. hydrolapathum. c
12. acetosa. c

13. acetosella. c
2. OXYRIA.
1. reniformis.
3. POLYGONUM.
°1. fagopyrum. °c
2. convolvulus. c
3. viviparum.
4. bistorta. †c
5. amphibium.
α. aquaticum. c
β. terrestre. c
6. hydropiper. c
7. persicaria. c
8. lapathifolium. c
9. minus. c
10. aviculare. c
β. maritimum.
- LXVII. ELÆAGNEÆ.
1. HIPPOPHAE.
1. rhamnoides.
- LXVIII. THYMELEÆ.
1. DAPHNE.
1. mezereum.
2. laureola. c
- LXIX. SANTALACEÆ.
(Tr. Santaleæ.)
1. THESIUM.
1. linophyllum. c
- LXX. ARISTOLOCHIEÆ.
1. ARISTOLOCHIA.
*1. clematitis. °c
2. ASARUM.
1. europæum.
- LXXI. EMPETREÆ.
1. EMPETRUM.
1. nigrum.
- LXXII. EUPHORBIACEÆ.
1. BUXUS.
†1. sempervirens.
2. EUPHORBIA.
1. peplis.
2. helioscopia. c
†3. platyphylla. c
†—β. stricta. (*Sm.*)
4. hiberna.
†5. pilosa.
β. epithymoides.
γ. villosa.





6. esula.
 7. cyparissias.
 8. paralias.
 paralia. Sm. H.
 9. portlandica.
 segetalis. β. Lind.
 10. exigua. c
 11. peplus. c
 *12. lathyris.
 13. amygdaloides. c
 °14. charachias.
 3. MERCURIALIS.
 1. perennis. c
 2. annuus. c
 LXXIII. URTICACEÆ.
 Sub-ordo. Urticeæ.
 1. PARIETARIA.
 1. officinalis. c
 2. URTICA.
 1. pilulifera.
 2. urens. c
 3. dioica. c
 3. HUMULUS.
 1. lupulus. c
 —
 Sub-ordo. Ulmeæ.
 4. ULMUS.
 1. campestris. †c
 α. microphylla.
 *—β. suberosa. (*Lind. H. Sm.*)
 *—γ. major. (*Lind. H. Sm.*)
 2. carpinifolia.
 3. glabra.
 β. glandulosa.
 γ. latifolia.
 4. stricta.
 β. parvifolia.
 5. montana. c
 [N.B. Experiments are needed to ascertain which of these are true species, and perhaps none but No. 5, is truly indigenous.]
 LXXIV. AMENTACEÆ.
 Sub-ordo. Salicineæ.
 1. SALIX.
 1. purpurea. c
 2. helix. c

3. lambertiana.
 †4. woollgariana. †c
 5. forbiana. †c
 6. rubra. †c
 7. undulata. c
 lanceolata. Sm. Lind.
 8. triandra. c
 9. hoffmanniana.
 10. amygdalina. c
 11. pentandra.
 12? meyeriana.
 13. decipiens.
 14. fragilis. c
 15. russelliana. c
 16. alba. c
 β. cærulea.
 17? vitellina.
 18. petiolaris.
 19. rosmarinifolia.
 20? angustifolia.
 arbuscula. Sm. Lind.
 21. doniana.
 22. fusca. ✓
 —β. repens. (*Sm. Lind.*) c
 —γ. prostrata. (*Sm. Lind.*)
 —δ. fœtida. (*Sm. Lind.*)
 —ε. incubacea. (*Sm. Lind.*)
 —ζ. argentea. (*Sm. Lind.*)
 23. ambigua.
 β. sericea.
 γ. spathulata.
 24. reticulata.
 25. glauca.
 26. arenaria.
 27. stuartiana.
 28. viminalis. c
 29. stipularis.
 30. smithiana.
 31. ferruginea.
 32. acuminata. c
 33. holosericea.
 34. cinerea.
 35? aquatica. c
 36? oleifolia. c
 37. aurita. c
 38. caprea. c
 39? sphacelata.
 40. cotinifolia.

41. hirta.
42. nigricans.
43. andersoniana.
- 44? damascena.
45. forsteriana.
46. rupestris.
47. petræa.
48. propinqua.
49. tenuior.
50. laurina.
bicolor. Sm. Lind.
51. laxiflora.
52. radicans.
phylicifolia. Sm. Lind.
53. borrieriana.
54. davalliana.
55. tetrapla.
56. weigelia.
wulfeniana. Sm. Lind.
- 57? tenuifolia.
58. nitens.
59. croweana.
60. bicolor.
61. phillyreifolia.
62. dicksoniana.
63. vacciniifolia.
64. carinata.
65. prunifolia.
- 66? venulosa.
67. myrsinitis.
β. arbutifolia.
68. procumbens.
69. herbacea.
70. hastata.
malifolia. Sm. Lind.
71. lanata.

[N.B. The recent reduction of six species to one, (No. 22,) may encourage the hope that further observation, assisted by *experiment*, will some day enable the students of this intricate genus to tell us how few species it really contains.]

2. POPULUS.
 1. alba. c
 2. canescens. c
 3. tremula. c
 4. nigra. c

β. viridis.

Sub-ordo. Myriceæ.

3. MYRICA.

1. gale. c

Sub-ordo. Betulineæ.

4. BETULA.

1. nana.
2. alba. c
- β. pendula.*

5. ALNUS.

1. glutinosa. c

Sub-ordo. Cupuliferæ.

6. FAGUS.

1. sylvatica. c

7. CASTANEA.

- †1. vulgaris.
Fagus cast: Sm.

8. QUERCUS.

1. robur. c
2. sessiliflora.

9. CORYLUS.

1. avellana. c

10. CARPINUS.

1. betulus. c

LXXV. CONIFERÆ.

1. TAXUS.

1. baccata. †c
- β. fastigiata. (Lind.)*

2. JUNIPERUS.

1. communis. c
- β. nana. (Sm. Lind.)*

3. PINUS.

1. sylvestris.

CLASSIS II. MONOCOTYLEDONES
seu ENDOGENÆ.

LXXVI. HYDROCHARIDEÆ.

1. STRATIOTES.

1. aloides. c

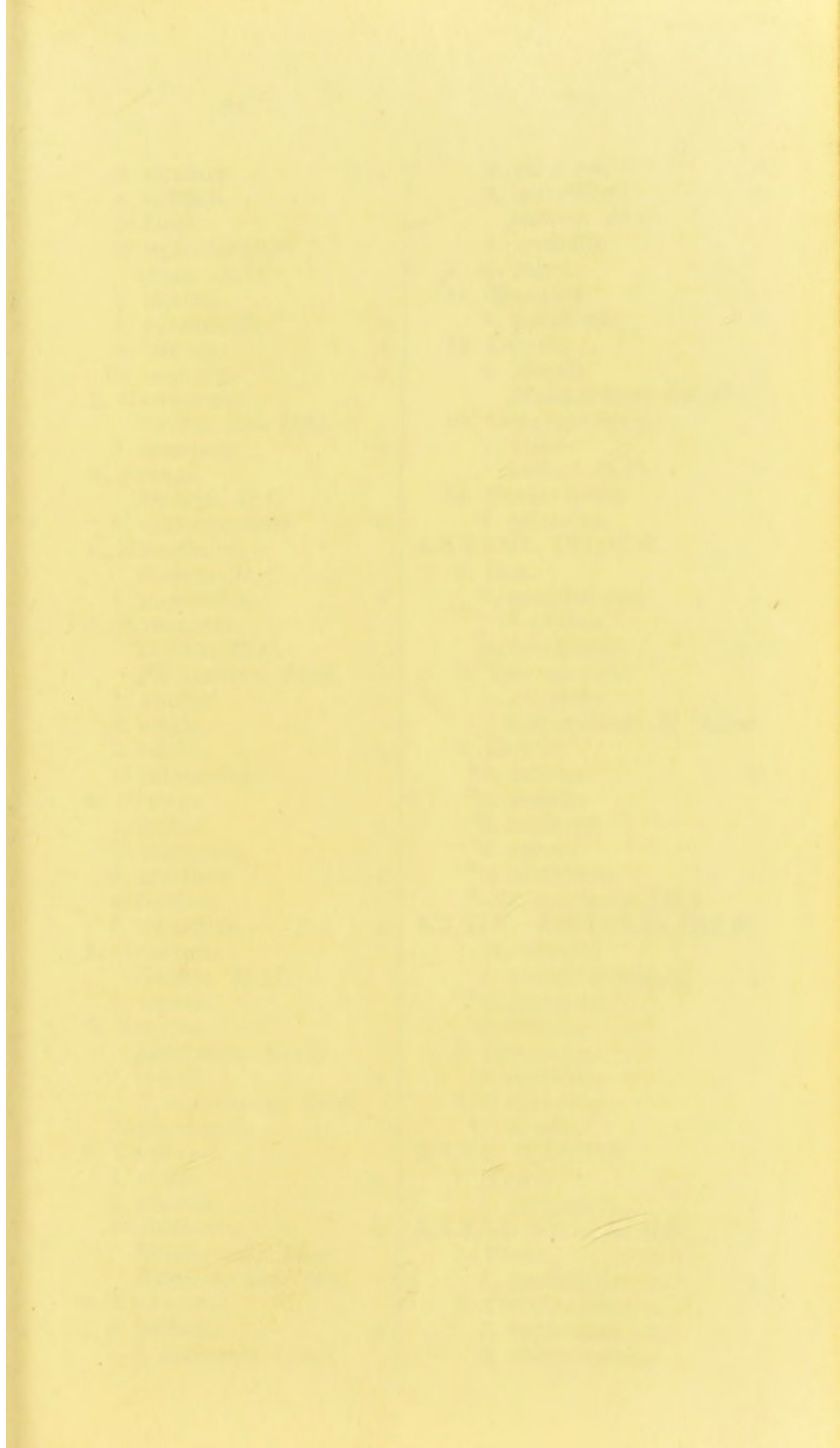
2. HYDROCHARIS.

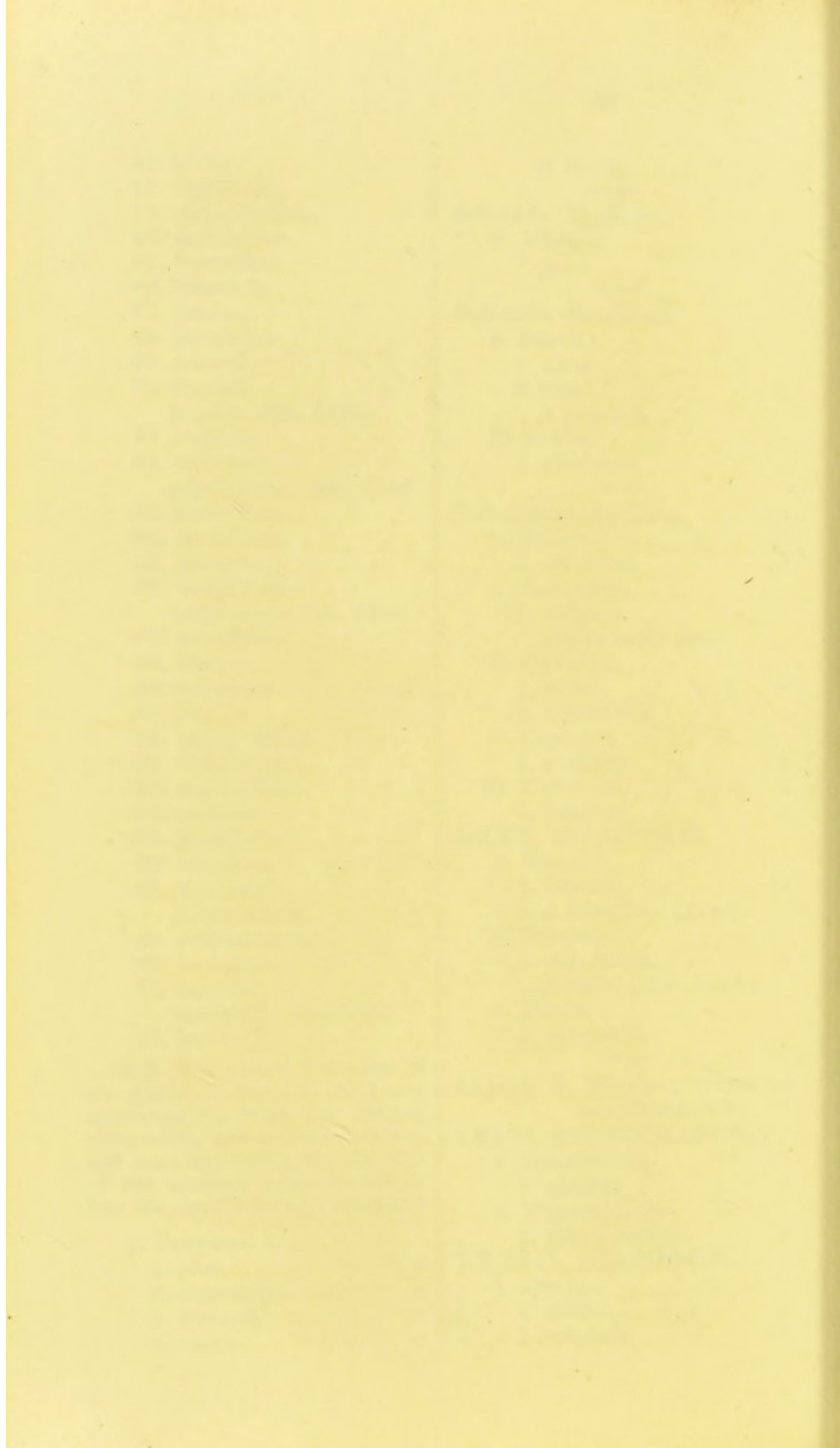
1. morsus-ranæ. c

LXXVII. ORCHIDEÆ.

1. ORCHIS.

- ✓ 1. morio. c
- ✓ 2. mascula. c





3. *ustulata*. c
 4. *militaris*.
 5? *fusca*.
 6? *tephrosanthos*.
 simia. D.C.
 7. *hircina*.
 8. *pyramidalis*. c
 9. *latifolia*. c
 10. *maculata*. c
 2. GYMNADENIA.
 Orchis. Sm. D.C.
 1. *conopsea*. c
 3. ACERAS.
 Ophrys. D.C.
 1. *anthropophora*. c
 4. HERMINIUM.
 Ophrys. D.C.
 1. *monorchis*. c
 5. HABENARIA.
 Orchis. D.C.
 Platanthera. Lind.
 1. *viridis*. c
 2. *albida*.
 3. *bifolia*. c
 4? *chlorantha*.
 6. OPHRYS. ✓
 1. *apifera*. c
 2? *arachnites*.
 3. *aranifera*. c
 4? *fucifera*.
 5. *muscifera*. c
 7. GOODYERA.
 Neottia. D.C.
 1. *repens*.
 8. NEOTTIA.
 Spiranthes. Lind.
 1. *spiralis*. c
 S. autumnalis. Lind.
 2. *gemmipara*.
 9. LISTERA.
 1. *ovata*. c
 2. *cordata*.
 3. *nidus-avis*. c
 Neottia nid: Lind.
 Epipactis nid: Sm.
 10. EPIPACTIS.
 1. *latifolia*. c
 —β. *purpurata*. (Sm.)

2. *palustris*. c
 3. *grandiflora*. c
 pallens. D.C.
 4. *ensifolia*.
 5. *rubra*.
 11. MALAXIS.
 1. *padudosa*. c
 12. LIPARIS.
 1. *loeselii*. c
 Malaxis loes: Sm. D.C.
 13. CORALLORHIZA.
 1. *innata*.
 halleri. D.C.
 14. CYPRIPEDIUM.
 1. *calceolus*.
 LXXVIII. IRIDEÆ.
 1. IRIS.
 1. *pseudacorus*. c
 β. *citrina*.
 2. *fœtidissima*. †c
 2. TRICHONEMA.
 1. *columnæ*.
 bulbocodium. S. Lind.
 3. CROCUS.
 *1. *sativus*. °c
 *2. *vernus*.
 °3. *minimus*.
 °4. *aureus*.
 *5. *nudiflorus*.
 *—β. *speciosus*. (H.)
 LXXIX. AMARYLLIDEÆ.
 1. NARCISSUS.
 1. *pseudo-narcissus*. c
 *2. *poeticus*.
 3. *biflorus*.
 2. LEUCOJUM.
 1. *æstivum*.
 3. GALANTHUS.
 †1. *nivalis*.
 LXXX. TAMEÆ.
 1. TAMUS.
 1. *communis*. c
 LXXXI. SMILACEÆ.
 1. PARIS.
 1. *quadrifolia*. c
 2. CONVALLARIA.
 1. *verticillata*.
 2. *polygonatum*.

- ✓ 3. multiflora.
 ✓ 4. majalis. *c
 3. RUSCUS.
 1. aculeatus. °c
 LXXXII. ASPHODELINEÆ.
 Sub-ordo. Asphodeleæ.
 1. ASPARAGUS.
 1. officinalis.
 2. ANTHERICUM.
Phalangium. D. C.
 1. serotinum.
 3. SCILLA.
 1. verna.
 °2. bifolia.
 3. autumnalis.
 4. HYACINTHUS.
 ✓ 1. non-scriptus. c
Scilla nutans. Sm. D. C.
 5. MUSCARI.
Hyacinthus. Sm.
 ✓ *1. racemosum. *c
 6. GAGEA.
Ornithogalum. Sm.
 1. lutea.
 7. ORNITHOGALUM.
 *1. umbellatum. *c
 *2. nutans.
 3. pyrenaicum. c
 8. ALLIUM.
 *1. ampeloprasum.
 2. arenarium.
 3. carinatum.
 4. oleraceum. c
 5. vineale. c
 6. ursinum. c
 7. schœnoprasum.
 LXXXIII. LILIACEÆ.
 (Tr. Tulipeæ.)
 †1. TULIPA.
 1. sylvestris.
 2. FRITILLARIA.
 1. meleagris. °c
 LXXXIV. MELANTHACEÆ.
 1. COLCHICUM.
 1. autumnale. c
 2. TOFIELDIA.
 1. palustris.

LXXXV. RESTIACEÆ.

1. ERIOCAULON.

1. septangulare.

LXXXVI. JUNCÆ.

1. NARTHECIUM.

Abama. D. C.

1. ossifragum, c

2. JUNCUS.

1. glaucus. c

2. communis.

—α, conglomeratus. (H. Sm. Lind.) c

—β, effusus. (H. Sm. Lind.) c

3. balticus.

arcticus. Sm. Lind.

4. filiformis. /

5. maritimus.

6. acutus.

7. acutiflorus. c

8. lampocarpus. c

—β, nigritellus.

polycephalus. (Lind.)

9. obtusiflorus. c

10. uliginosus. c

—β, viviparus. c

γ, subverticillatus. (Sm. Lind.)

11. castaneus.

12. trifidus.

13. compressus. c

—β, cœnosus. (Sm. Lind.)

14. tenuis.

gesneri. Sm. Lind.

15. bufonius. c

16. squarrosus. c

17. capitatus.

18. biglumis.

19. triglumis.

3. LUZULA.

Luciola. Sm.

1. sylvatica. c

maxima. D. C.

2. pilosa. c

3. forsteri.

4. campestris. c

—β, congesta. (S. Lind.) c

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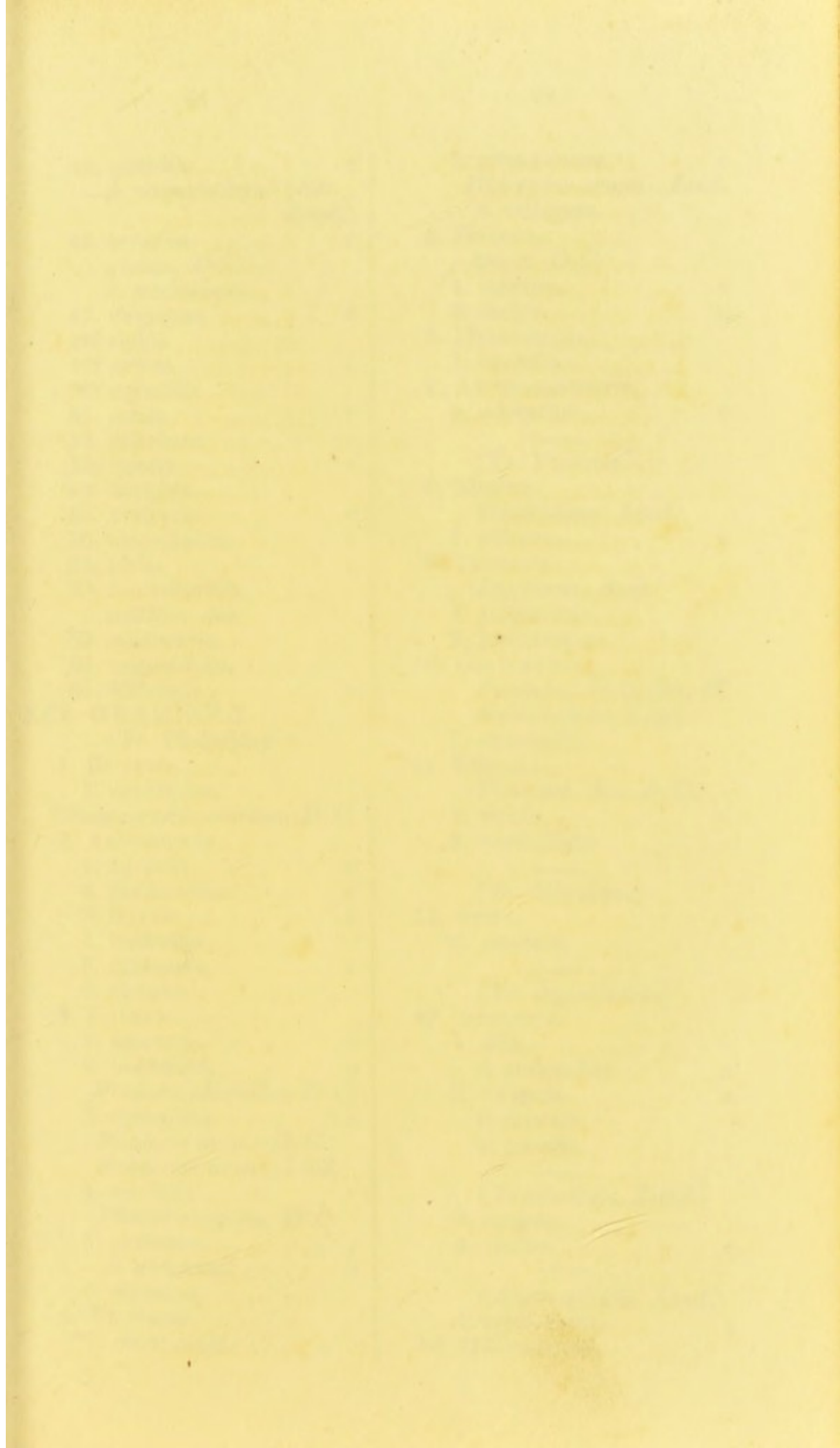
5. arcuata.
6. spicata.
- LXXXVII. ALISMACEÆ.
Sub-ordo. Alismææ.
1. ALISMA.
1. ranunculoides. c
—β. repens. (*Lind.*)
2. natans.
3. plantago. c
2. ACTINOCARPUS.
Alisma. Sm. D.C.
1. damasonium.
3. SAGITTARIA.
1. sagittifolia. c
—
- Sub-ordo. Butomeææ.
4. BUTOMUS.
1. umbellatus. c
—
- Sub-ordo. Juncagineææ.
5. SCHEUCHZERIA.
1. palustris.
6. TRIGLOCHIN.
1. maritimum. c
2. palustre. c
- LXXXVIII. AROIDEÆ.
Sub-ordo. Arineææ.
1. ARUM.
✓ 1. maculatum. c
2. ACORUS.
1. calamus. *c
—
- Sub-ordo. Pistieææ.
3. LEMNA.
1. trisulca. c
2. minor. c
3. gibba. c
4. polyrhiza. c
—
- Sub-ordo. Typhaceææ.
4. TYPHA.
1. latifolia. c
°2. minor.
3. angustifolia. c
5. SPARGANIUM.
1. natans. c
2. simplex. c
3. ramosum. c

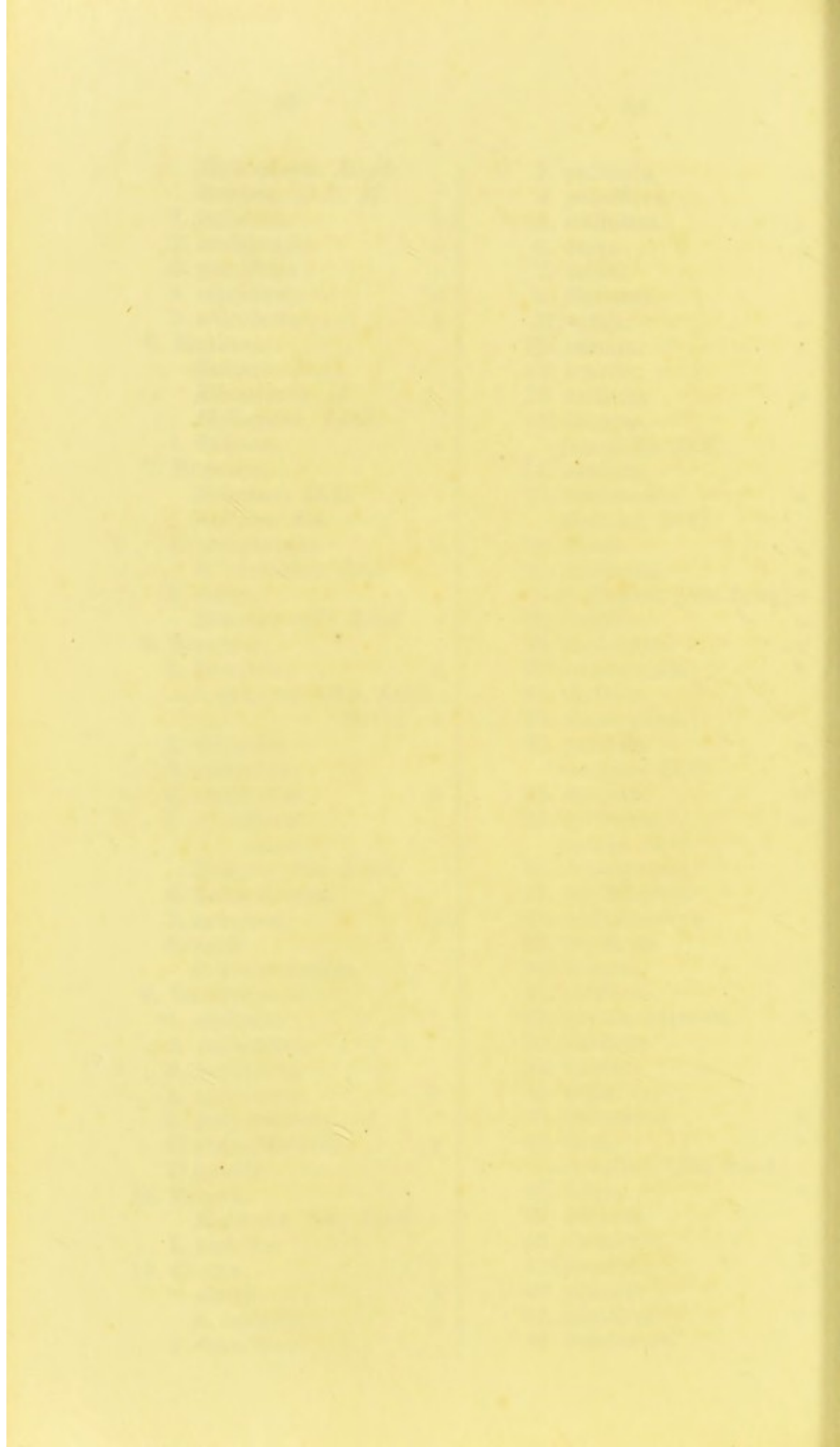
LXXXIX. POTAMEÆ.

1. POTAMOGETON.
1. natans. c
°2. oblongus.
3. prælongus.
β. angustifolius.
4. proteus.
—α. lucens. (*H. Sm. D.C.*) c
—β. heterophyllus. (*H. Sm. D.C.*) c
5? rufescens. c
obscurus. D.C.
fluitans. Sm.
6? lanceolatus.
7. perfoliatus. c
8. crispus. c
9. zosteræfolius.
cuspidatus. Sm.
compressus β. D.C.
10. acutifolius.
11. gramineus. c
obtusifolius. Lind.
12. pusillus. c
—β. compressus. (*Sm. D.C. Lind.*)
13. pectinatus. c
14. densus. c
2. RUPPIA.
1. maritima. c
3. ZANNICHELLIA.
1. palustris. c
4. ZOSTERA.
1. marina.
- XC. CYPERACEÆ.
1. CYPERUS.
1. longus.
2. fuscus.
2. SCHÆNUS.
1. nigricans. c
3. RHYNCHOSPORA.
Schænus. D.C.
1. alba. c
2. fusca.
4. CLADIUM.
Schænus. D.C.
1. mariscus. c
5. ELEOCHARIS.

- Heleocharis. Lind.*
Scirpus. D. C. H.
1. palustris. c
 2. multicaulis. c
 3. pauciflora. c
 4. cæspitosa. c
 5. acicularis. c
6. *ISOLEPIS.*
Scirpus. D. C.
Eleocharis. H.
Heliogiton. Lind.
1. fluitans. c
7. *BLYSMUS.*
Schænus. D. C.
Scirpus. Sm.
1. compressus. c
 - S. carinatus. Sm.*
 2. rufus.
 - Schænus ruf: Lind.*
8. *SCIRPUS.*
1. lacustris. c
 - β. glaucus. (*Sm. Lind. D. C.*) c
 2. triqueter.
 3. carinatus.
 4. maritimus. c
 5. sylvaticus.
-
- Isolepis. Sm. Lind.*
6. holoschænus.
 7. setaceus. c
 8. savii.
 - β. monostachys.
9. *ERIOPHORUM.*
1. alpinum.
 2. vaginatum.
 3. capitatum.
 4. pubescens. °c
 5. polystachion.
 - 6? angustifolium. c
 - 7? gracile.
10. *ELYNA.*
Kobresia. Sm. Lind.
1. caricina.
11. *CAREX.*
1. dioica. c
 - β. capitata. c
 2. davalliana.

3. pulicaris. c
4. pauciflora.
5. stellulata. c
6. curta. c
7. vahlii.
8. elongata.
9. ovalis. c
10. remota. c
- 11? tenella.
12. axillaris. c
13. incurva.
- juncifolia. D. C.*
14. arenaria.
15. intermedia. c
- disticha. D. C.*
16. divisa.
17. muricata. c
- β. divulsa. (*Sm. Lind.*) c
18. vulpina. c
19. paniculata. c
- 20? teretiuscula. c
21. digitata.
22. clandestina.
23. pendula. c
- maxima. D. C.*
24. strigosa. c
25. sylvatica. c
- patula. D. C.*
26. depauperata.
27. mielichoferi.
28. speirostachya.
29. capillaris.
30. limosa.
31. rariflora.
32. pseudo-cyperus. c
33. ustulata.
34. atrata.
35. pulla.
36. pallescens. c
37. flava. c
- β. oederi. (*Sm. Lind.*) c
38. fulva. c
39. extensa.
40. distans. c
- 41? binervis. c
42. præcox. c
43. pilulifera. c
44. tomentosa.



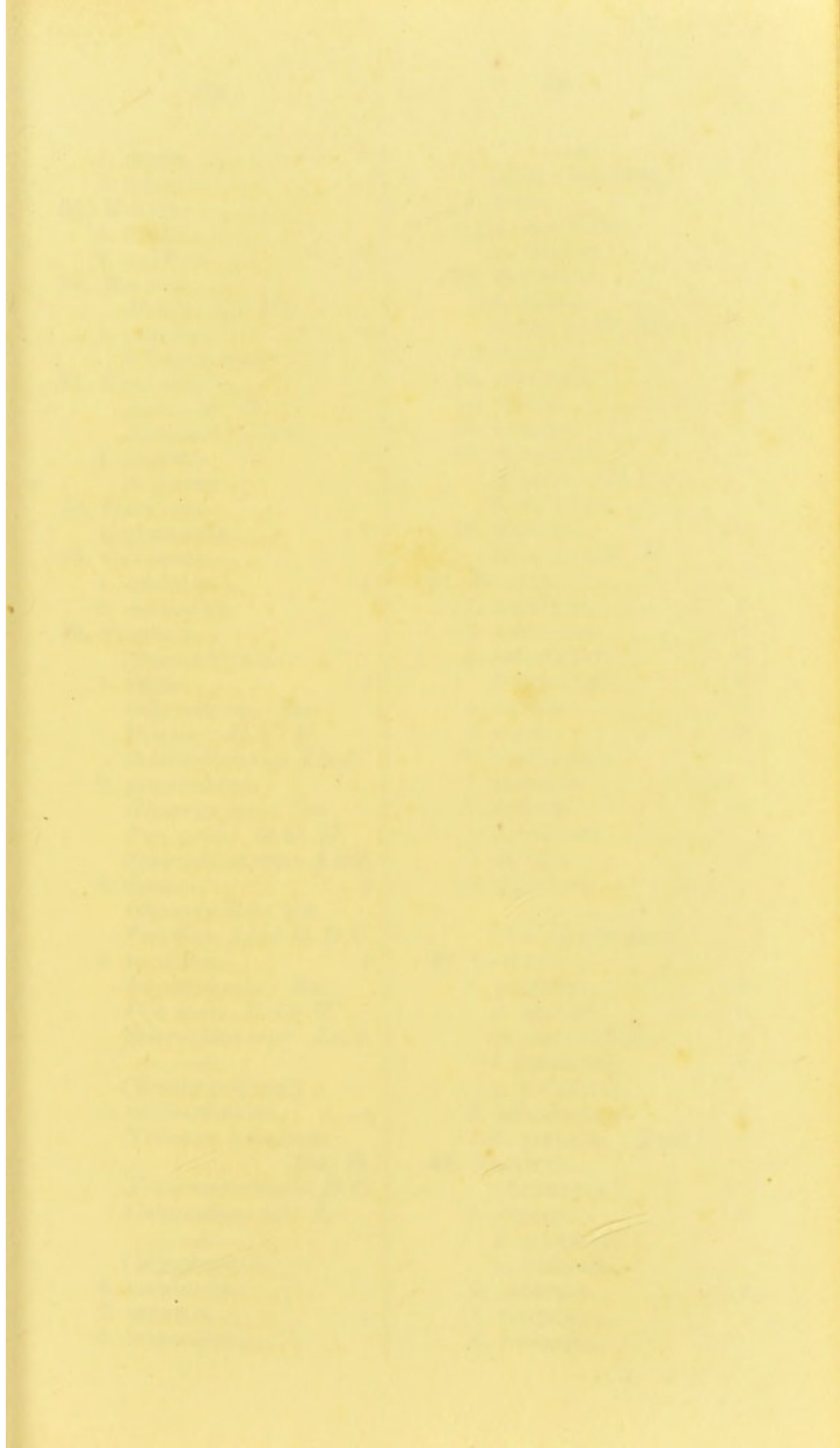


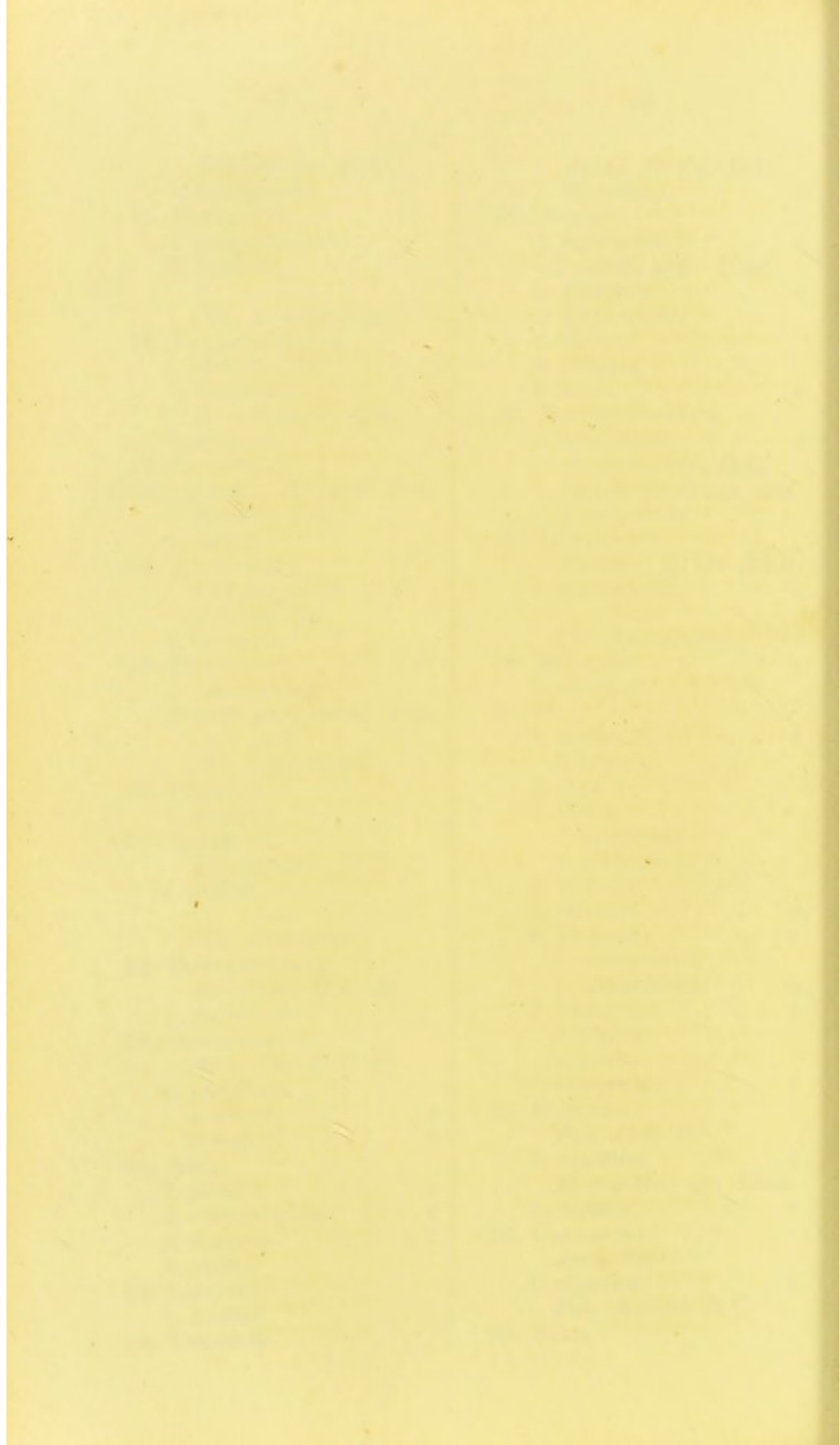
45. panicea. c
 —β. phæostachya. (Sm. Lind.)
 46. recurva. c
 glauca. D. C.
 β. *micheliana*.
 47. cæspitosa. c
 48? rigida.
 49? stricta. c
 50? aquatilis.
 51. acuta. c
 52. paludosa. c
 53. riparia. c
 54. lævigata.
 55. vesicaria. c
 56. ampullacea. c
 57. hirta. c
 58. hordeiformis.
 secalina. Sm.
 59. stictocarpa.
 60. angustifolia.
 61. filiformis. c
 XCI. GRAMINEÆ.
 (Tr. Phalarideæ.)
 1. KNAPPIA.
 1. agrostidea.
 Chamagrostis minima. D. C.
 2. ALOPECURUS.
 1. agrestis. c
 2. geniculatus. c
 3? fulvus. c
 4. bulbosus.
 5. pratensis. c
 6. alpinus.
 3. PHLEUM.
 1. asperum. c
 2. boehmeri. c
 Phalaris phleoides. D. C.
 3. arenarium. c
 Phalaris aren: D. C.
 Achnodon aren: Lind.
 4. michelii.
 Phalaris alpina. D. C.
 5. pratense. c
 β. *nodosum*. c
 6. alpinum.
 4. PHALARIS.
 *1. canariensis.

2. arundinacea c
 Digraphis arund: Lind.
 β. *variegata*.
 5. HOLCUS.
 Avena. D. C.
 1. lanatus. c
 2. mollis. c
 6. HIEROCHLOA.
 1. borealis.
 7. ANTHOXANTHUM.
 1. odoratum. c
 —
 (Tr. Paniceæ.)
 8. MILIUM.
 Gastridium. Lind.
 1. effusum. c
 9. PANICUM.
 Digitaria. Auct.
 1. sanguinale.
 2. humifusum.
 10. OPLISMENUS.
 Panicum. D. C. Sm. H.
 Echinochloa. Lind.
 1. crus-galli.
 11. SETARIA.
 Panicum. Sm. D. C.
 1. viridis. c
 2. verticillata.
 —
 (Tr. Stipaceæ.)
 12. STIPA.
 °1. pennata.
 —
 (Tr. Agrostideæ.)
 13. AGROSTIS.
 1. alba. c
 β. *stolonifera*. c
 2. vulgaris. c
 β. *aristata*.
 γ. *pumila*.
 —
 (*Trichodium*. Lind.)
 3. setacea.
 4. canina. c
 —
 (*Anemagrostis*. Lind.)
 5. spica-venti. c
 14. GASTRIDIMUM.

- Milium. Sm. D.C.*
 1. lendigerum.
 15. POLYPOGON.
 1. monspeliensis.
 2. littoralis.
 ———
 (Tr. Arundinaceæ.)
 16. CALAMAGROSTIS.
Arundo. Sm.
 1. lanceolata. c
A. calamagr. Sm.
 2. epigejos. c
 17. DEYEUXIA.
Calamagrostis. H. Lind. D.C.
Arundo. Sm.
 1. stricta.
 18. AMMOPHILA.
Calamagrostis. D.C.
Arundo. Sm.
 1. arenaria.
 19. PHRAGMITIS.
 1. communis. c
Arundo phragmitis. Auct.
 ———
 (Tr. Chlorideæ.)
 20. CYNODON.
 1. dactylon.
 21. SPARTINA.
Trachynotia. D.C.
 1. stricta.
 ———
 (Tr. Avenaceæ.)
 22. CORYNEPHORUS.
Aira. Sm. D.C. H.
 1. canescens.
 23. DESCHAMPSIA.
Aira. Sm. D.C. H.
 1. cæspitosa.
 α . minor. c
 β . major. c
 24. AIRA.
 1. præcox. c
 2. caryophyllea. c
 3. flexuosa. c
 4. alpina.
 25. LAGURUS.
 1. ovatus.
 26. TRISETUM.

- Avena. H. Sm. D.C.*
 1. flavescens. c
 27. AVENA.
 1. pubescens. c
Trisetum pub. Lind.
 2. pratensis. c
 3. planiculmis.
 4. alpina.
 5. strigosa.
 6. fatua. c
 28. ARRHENATHERUM.
 1. avenaceum. c
Avena elatior. D.C.
Holcus avenaceus. Sm.
 β . bulbosum.
 29. DANTHONIA.
Triodia. H. Sm. Lind.
 1. decumbens. c
 ———
 (Tr. Festucaceæ.)
 30. SESLERIA.
 1. cærulea.
 31. POA.
 1. annua. c
 β . supina.
 2. laxa.
 3. alpina.
 β . glomerata.
 γ . vivipara.
 4. bulbosa.
 5. trivialis. c
 6. pratensis. c
 β . subcærulea.
 γ . angustifolia. c
 7. nemoralis. c
 β . glauca.
 γ . cæsia.
 8. compressa. c
 32. GLYCERIA.
Poa. D.C. H.
 1. aquatica. c
Hydrochloa aq. Lind.
 2. fluitans. c
 33. CATABROSA.
Aira. Sm.
 1. aquatica. c
Poa airoides. D.C.
 34. BRIZA.





1. media. c
 2. minor.
 35. MELICA.
 1. nutans.
 2. uniflora. c
 36. MOLINIA.
Melica. Sm. H.
 1. cærulea. c
 β. depauperata.
 37. KOELERIA.
Aira. Sm. H.
Airochloa. Lind.
 1. cristata. c
 β. glabra.
 38. DACTYLIS.
 1. glomerata. c
 39. CYNOSURUS.
 1. cristatus. c
 2. echinatus.
 40. FESTUCA.
 (Sclerochloa.)
 1. rigida. c
Glyceria rig: Sm.
Poa rig: D.C. H.
Sclerochloa rig: Lind.
 2. procumbens.
Glyceria proc: Sm.
Poa proc: D.C. H.
Sclerochloa proc: Lind.
 3. distans. c
Glyceria dist: Sm.
Poa dist: Lind. H. D. C.
 4. maritima. c
Glyceria mar: Sm.
Poa mar: D.C. H.
Sclerochloa mar: Lind.
 —
 (Brachypodium.)
 5. rottboellioides. c
Triticum loliaceum.
Sm. H.
Triticum rottbolla. D.C.
Catopodium lol: L.
 —
 (Mygalurus.)
 6. uniglumis.
 7. myurus. c
 8. bromoides.

- (Fest: legitimæ.)
 9. ovina. c
 β. tenuiflora.
 γ. vivipara.
 10. duriuscula. c
 β. cæsia.
ovina. γ. H. Sm.
 11? rubra.
 12. pratensis. c
 13? elatior. c
 14. loliacea. c
 15. calamaria.
sylvatica. D. C.
 β. decidua.
 16. gigantea. c
Bromus gig: H.
 41. BROMUS.
 1. secalinus. c
 2. velutinus. c
 3. racemosus. c
 β. pratensis. c
 4. mollis. c
 5. asper. c
 6. squarrosus.
 7. arvensis.
 8. erectus. c
 β. villosus.
 9. sterilis. c
 10. diandrus.
 —
 (Tr. Hordeaceæ.)
 42. LOLIUM.
 1. perenne. c
 β. agreste. c
 γ. compositum. c
 δ. ramosum. c
 ε. viviparum.
 2. temulentum. c
 —β. arvense. (Auct.) c
 43. TRITICUM.
 (Agropyra.)
 1. repens. c
 β. aristatum.
 γ. littorale.
 2. caninum. c
 3. cristatum.
 4. junceum.

(Brachypodia.)

*Festuca. Sm.**Brachypodium. Lind. H.*5. *sylvaticum.* c6. *pinnatum.* c

44. ELYMUS.

1. *arenarius.*2. *geniculatus.*3. *europæus.*

45. HORDEUM.

1. *pratense.* c*secalinum. D.C.*2. *murale.* c3. *maritimum.* c

(Tr. Rottboelliaceæ.)

46. NARDUS.

1. *stricta.* c

47. LEPTURUS.

*Rottbollia. Sm. H. D.C.**Ophiurus. Lind.*1. *incurvatus.* c*β. filiformis.*DIV. II. CELLULARES *seu*
ACOTYLEDONEÆ.CLASSIS III. ACOTYLEDONES *seu*
CRYPTOGAMÆ.

XCII. EQUISETACEÆ.

Filices. Sm.

1. EQUISETUM.

1. *arvense.* c2. *drummondii.*3. *fluviatile.* c4. *sylvaticum.* c5. *palustre.* c*β. polystachyon.* c*γ. nudum.**δ. alpinum.*6. *limosum.* c7. *hyemale.* c8. *variegatum.**multiforme. D.C.*

XCIII. FILICES.

Sub-ordo. Lycopodiaceæ.

1. LYCOPodium.

1. *clavatum.* c2. *annotinum.*3. *inundatum.* c4. *selaginoides.*5. *alpinum.*6. *selago.*

Sub-ordo. Filices (veræ.)

(Tr. Ophioglossaceæ.)

2. BOTRYCHIUM.

1. *lunaria.* c*β. ramosa.**γ. dissecta.*

3. OPHIOGLOSSUM.

1. *vulgatum.* c

(Tr. Osmundaceæ.)

4. OSMUNDA.

1. *regalis.* °c

(Tr. Polypodiaceæ.)

5. GRAMMITIS.

*Scolopendrium. Sm.*1. *ceterach.**Ceterach officin: D.C.*

6. POLYPODIUM.

1. *vulgare.* c*β. serratum.**γ. proliferum.**δ. cambricum.*2. *phægopteris.*3. *dryopteris.*4? *calcareum.*

7. WOODSIA.

1. *hyperborea.*2. *ilvensis.*

(Tr. Blechnoideæ.)

8. BLECHNUM.

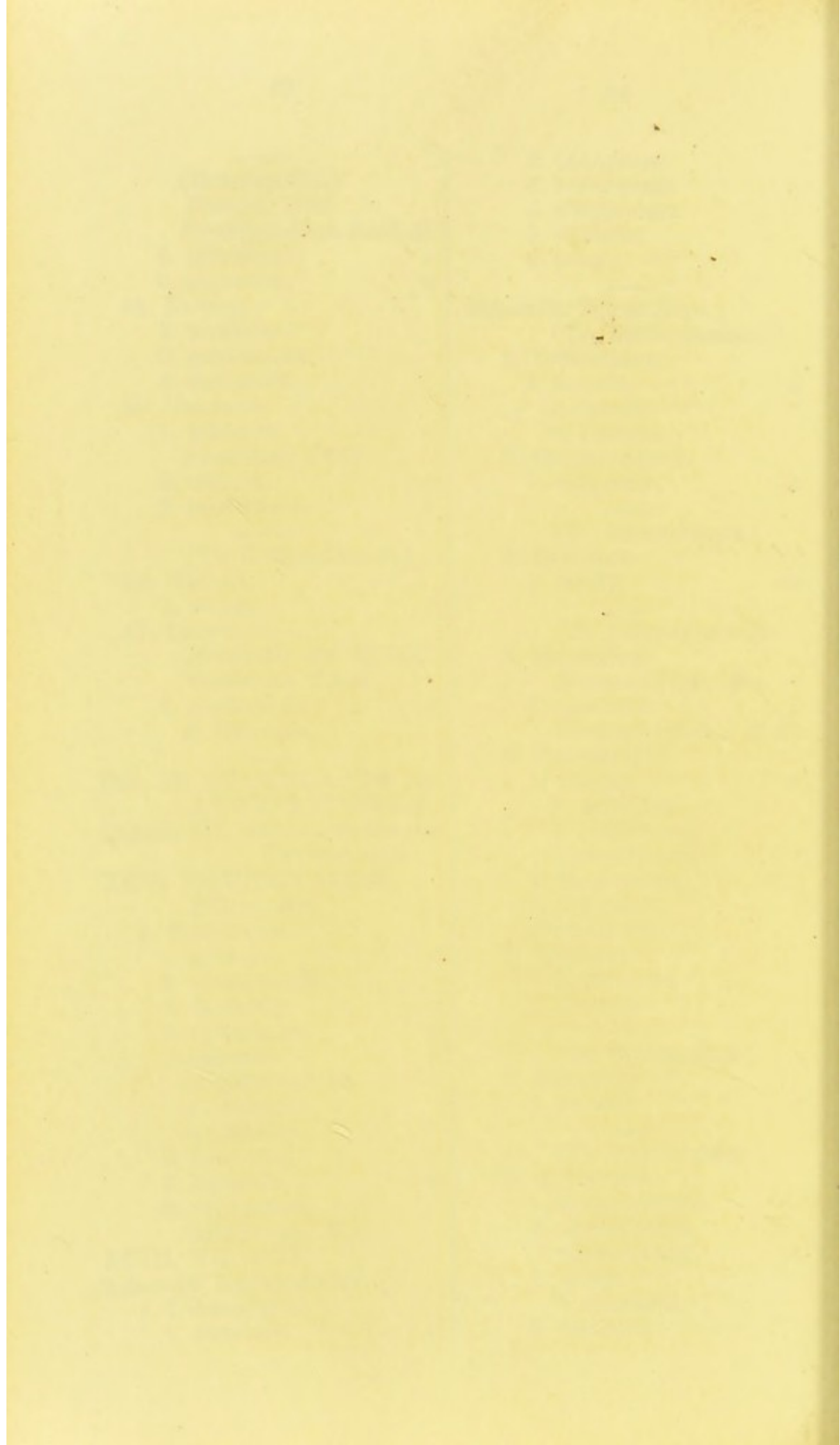
1. *boreale.* c

(Tr. Asplenioideæ.)

9. ASPLENIUM.

1. *septentrionale.*2. *alternifolium.*3. *trichomanes.* c4. *viride.**β. ramosum.*5. *marinum.*





- β. trapeziforme.
 6. ruta-muraria. c
 7. lanceolatum.
 8. adiantum-nigrum. c
 β. longifolium.
 9. filix-fœmina. c
 Athyrium fil: D.C.
 Aspidium fil: S. Lind.
 —β. irriguum. (Sm.)
 10. fontanum.
 10. SCOLOPENDRIUM.
 1. vulgare. c
 β. multifidum.
 —
 (Tr. Pterioideæ.)
 11. PTERIS.
 1. aquilina. c
 β. maritima.
 12. CRYPTOGRAMMA.
 Pteris. Sm. D.C.
 1. crispa.
 —
 (Tr. Adiantioideæ.)
 13. ADIANTUM.
 1. capillus-veneris.
 —
 (Tr. Aspidioideæ.)
 14. ASPIDIUM.
 Polystichum. D.C.
 1. lonchitis.
 2. aculeatum. c
 lonchitis var.? D.C.
 —β. lobatum. (Auct.)
 γ. lonchitidoides.
 lobatum β. Auct.
 —δ. angulare. (Auct.)
 3. oreopteris. c
 β. pumila.
 4. thelypteris.
 5. cristatum.
 callipteris. D.C.
 6. filix-mas. c
 7. spinulosum.
 β. dilatatum. c
 —γ? dumetorum. (Auct.)
 —δ? rigidum. (Auct.)
 —
 (Tr. Cyatheaceæ.)

15. CISTOPTERIS.
 Cystea. Sm.
 Aspidium. D.C.
 1. dentata.
 β. angustata.
 fragilis β. Sm.
 2? fragilis.
 3. alpina.
 regia. Sm.
 —
 (Tr. Trichomanoideæ.)
 16. TRICHOMANES.
 1. brevisetum.
 17. HYMENOPHYLLUM.
 1. tunbridgense.
 2. wilsoni.
 —
 Sub-ordo. Marsiliaceæ.
 18. ISOETES.
 1. lacustris.
 β. setacea.
 19. PILULARIA.
 1. globulifera.
 XCIV. MUSCI.
 Sect. I. Acrocarpi.
 (Sub-sect. Astomi.)
 1. ANDRÆA.
 1. alpina.
 2. rupestris.
 3. rothii.
 4. nivalis.
 2. PHASCUM.
 1. serratum. c
 2. alternifolium. c
 3. crispum.
 4. subulatum. c
 5. axillare.
 6. crassinervium.
 7. patens.
 β. recurvifolium.
 8. muticum.
 β. minus.
 9. cuspidatum.
 α. apiculatum. c
 β. piliferum.
 10. bryoides. c
 11. rectum. c
 12. curvicollum. c

(Sub-sect. Gymnostomi.)

3. SPHAGNUM.

1. obtusifolium.

*α. vulgare.**β. minus.**γ. fluitans.*

2. squarrosum.

3. acutifolium.

4. cuspidatum.

4. CEDIPODIUM.

1. griffithianum.

5. GYMNSTOMUM.

1. cæspititium.

2. lapponicum.

3. viridissimum.

4. curvirostrum.

5. rupestre.

6. ovatum.

β. gracile.

7. truncatulum.

β. intermedium.

8. wilsoni.

9. heimii.

10. conicum.

β. minutulum.

11. fasciculare.

12. pyriforme.

13. tenue.

14. donianum.

15. microstonum.

6. ANICTANGIUM.

1. ciliatum.

β. imberbe.

2. striatum.

7. SCHISTOSTEGA.

1. pennata.

(Sub-sect. Peristomi.)

((Div. i. Aploperistomi.))

8. DIPHYSCIUM.

1. foliosum.

9. TETRAPHIS.

1. pellucida.

2. browniana.

10. SPLACHNUM.

1. sphæricum.

2. tenue.

3. mnioides.

*α. minus.**β. majus.*

4. angustatum.

5. ampullaceum.

6. vasculosum.

7. frælichianum.

11. CYRTODON.

1. splachnoides.

12. CONOSTOMUM.

1. boreale.

13. ENCALYPTA.

1. streptocarpa.

2. vulgaris.

3. ciliata.

*α. concolor.**β. pilifera.*

4. rhaptocarpa.

14. WEISSIA.

1. nuda.

2. nigrita.

3. elongata.

4. starkeana.

5. affinis.

6. lanceolata.

7. latifolia.

8. striata.

*α. minor.**β. major.*

9. trichodes.

10. cirrata.

11. tenuirostris.

12. curvirostra.

13. crispula.

14. controversa.

15. calcarea.

16. recurvata.

17. pusilla.

18. verticillata.

19. acuta.

15. GRIMMIA.

1. apocarpa.

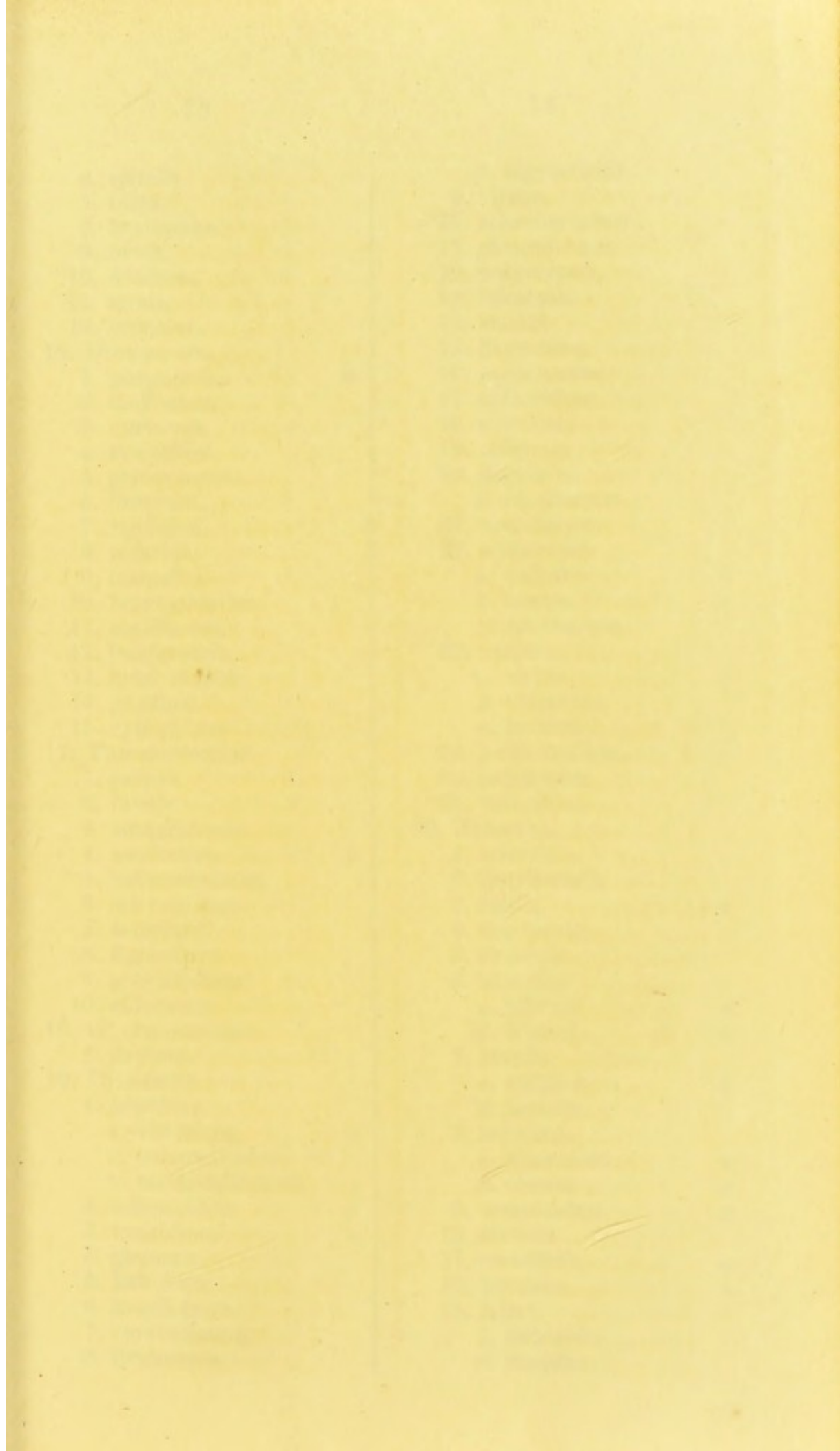
*α. nigro-viridis.**β. stricta.*

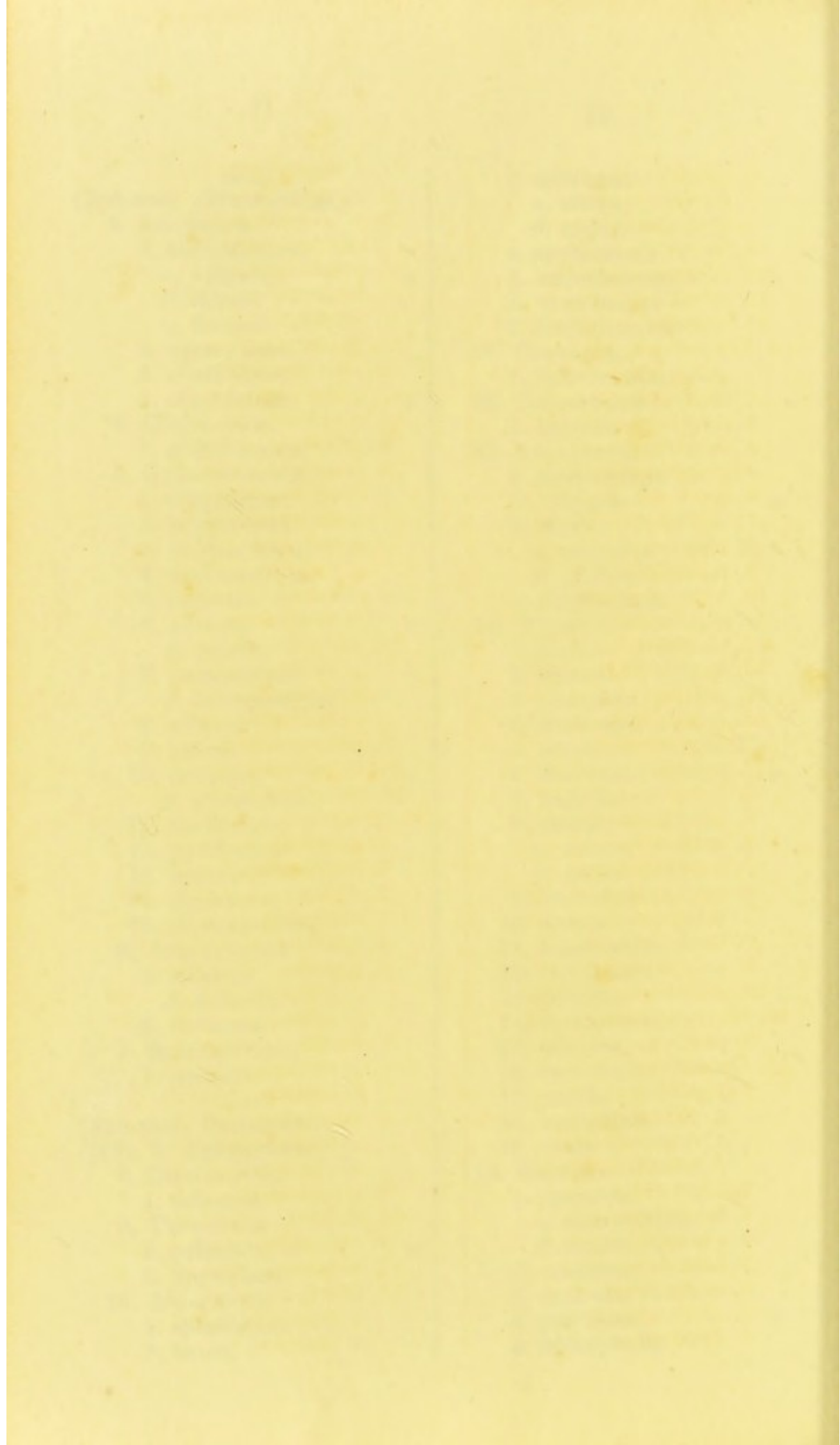
2. maritima.

3. saxicola.

4. pulvinata.

5. trichophylla.





6. spiralis.
7. torta.
8. leucophæa.
9. ovata.
10. doniana.
11. atrata.
12. unicolor.
16. DIDYMODON.
 1. purpureus. c
 2. inclinatus.
 3. nervosus.
 4. flexifolius.
 5. glaucescens.
 6. bruntoni.
 7. rigidulus.
 8. trifarius.
 9. crispulus.
 10. brachydontius.
 11. capillaceus.
 12. longirostris.
 13. heteromallus.
 14. pusillus.
 15. cylindricus.
17. TRICHOSTOMUM.
 1. patens.
 2. funale.
 3. lanuginosum.
 4. canescens. c
 5. heterostichum.
 6. microcarpon.
 7. aciculare.
 8. fasciculare.
 9. polyphyllum.
 10. ellipticum.
18. GLYPHOMITRION.
 1. daviesii.
19. DICRANUM.
 1. bryoides.
 - α . viridulum. c
 - β . osmundioides.
 - γ . tamarindifolium.
 2. adiantoides. c
 3. taxifolium. c
 4. glaucum.
 5. latifolium.
 6. longifolium.
 7. cerviculatum.
 8. flexuosum.

- β . nigro-viride.
9. virens.
10. schreberianum.
11. strumiferum.
12. polycarpon.
13. falcatum.
14. starkii.
15. flavescens.
16. squarrosum.
17. pellucidum.
18. spurium.
19. crispum.
20. flagellare.
 - β . scottianum.
21. undulatum.
22. scoparium.
 - α . vulgare. c
 - β . majus. c
 - γ . fuscescens.
23. varium.
 - α . viride. c
 - β . rufescens.
 - γ . luridum.
24. heteromallum. c
25. subulatum.
26. fulvellum.
20. TORTULA.
 1. enervis.
 2. brevirostris.
 3. rigida. c
 4. convoluta. c
 5. revoluta.
 6. muralis.
 - α . pilifera. c
 - β . mutica. c
 7. ruralis.
 - α . vulgaris. c
 - β . lævipila.
 8. subulata.
 - α . acuminata. c
 - β . obtusa. c
 9. unguiculata. c
 10. stellata.
 11. cuneifolia. c
 12. tortuosa. c
 13. fallax.
 - α . imberbis.
 - β . linoides.

γ. brevicaulis.

14. gracilis.

β. viridis.

21. CINCLIDOTUS.

1. fontinaloides.

22. POLYTRICHUM.

1. undulatum. c

2. hercynicum.

3. piliferum. c

4. juniperinum. c

β. gracilius.

5. septentrionale.

6. commune.

α. yuccæfolium. c

β. attenuatum. c

7. alpinum.

8. urnigerum.

9. aloides.

α. major.

β. dicksoni.

10. nanum. c

((Div. 2. Diploperistomi.))

23. ENTOSTHODON.

1. templetoni.

24. FUNARIA.

1. hygrometrica. c

2. muhlenbergii.

3. hibernica.

25. ZYGODON.

1. conoideus.

26. ORTHOTRICHUM.

1. cupulatum. c

2. anomalum. c

3. drummondii.

4. affine.

α. majus.

β. pumilum.

5. rupicola.

6. diaphanum. c

7. rivulare.

8. striatum. c

9. lyellii.

10. speciosum.

11. hutchinsiae.

12. ludwigii.

13. crispum. c

14. pulchellum.

27. BRYUM.

1. androgynum. c

2. palustre.

3. trichodes.

4. triquetrum.

5. dealbatum.

6. squarrosum.

7. julaceum. c

8. crudum.

9. carneum. c

10. albicans.

11. ludwigii.

12. argenteum. c

13. zierii.

14. pyriforme. c

15. capillare. c

16. caespiticiu.

α. majus. c

β. minus. c

17. turbinatum.

18. nutans.

19. elongatum.

20. alpinum.

21. ventricosum. c

22. demissum.

23. roseum. c

24. ligulatum. c

25. punctatum. c

β. aquaticum.

26. rostratum. c

27. marginatum.

28. hornum. c

29. cuspidatum. c

30. affine.

31. tozeri.

28. TIMMIA.

1. megapolitana.

α. polytrichioides.

β. austriaca.

29. BARTRAMIA.

1. pomiformis.

α. minor. c

β. major.

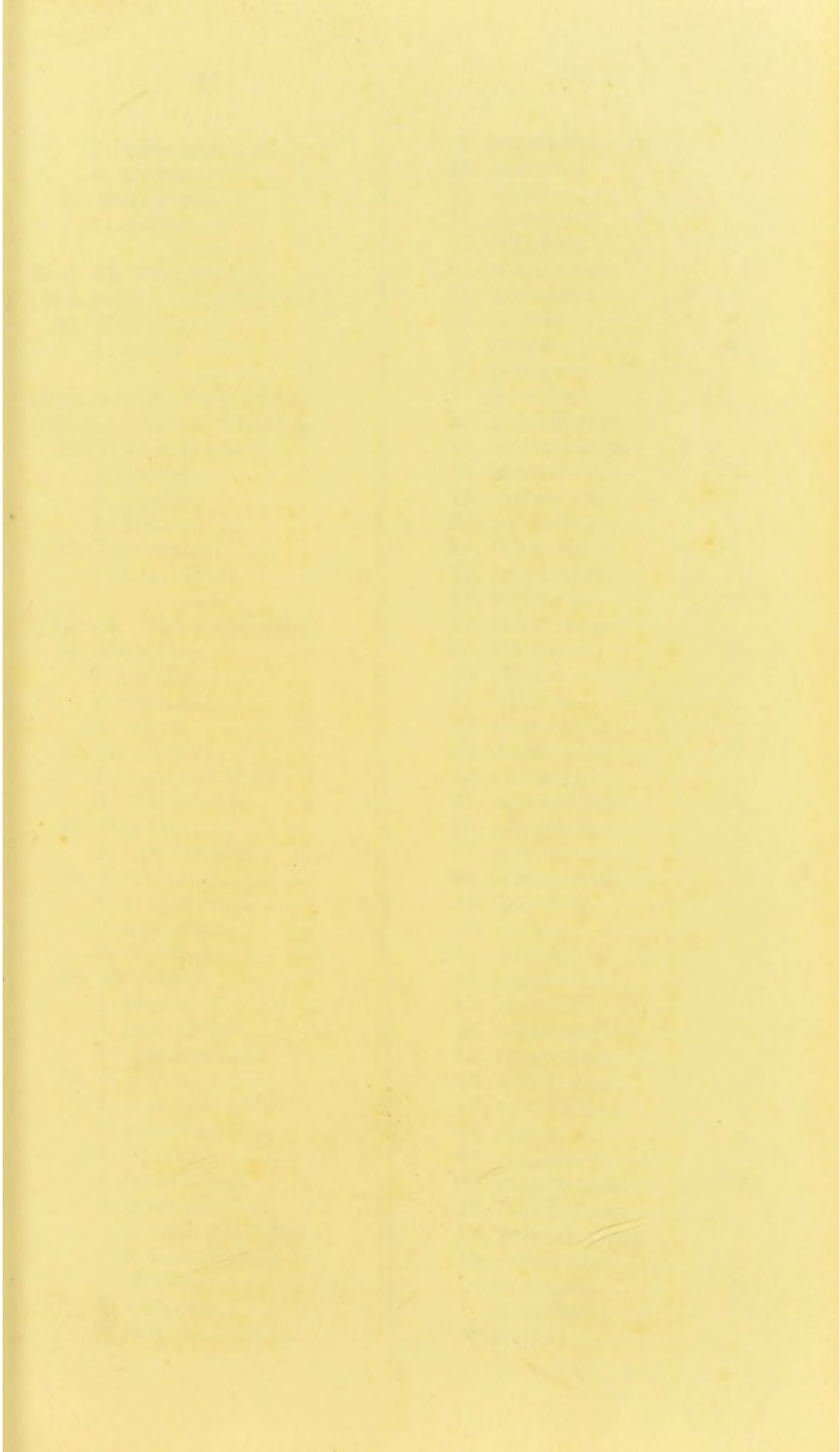
2. ithyphylla.

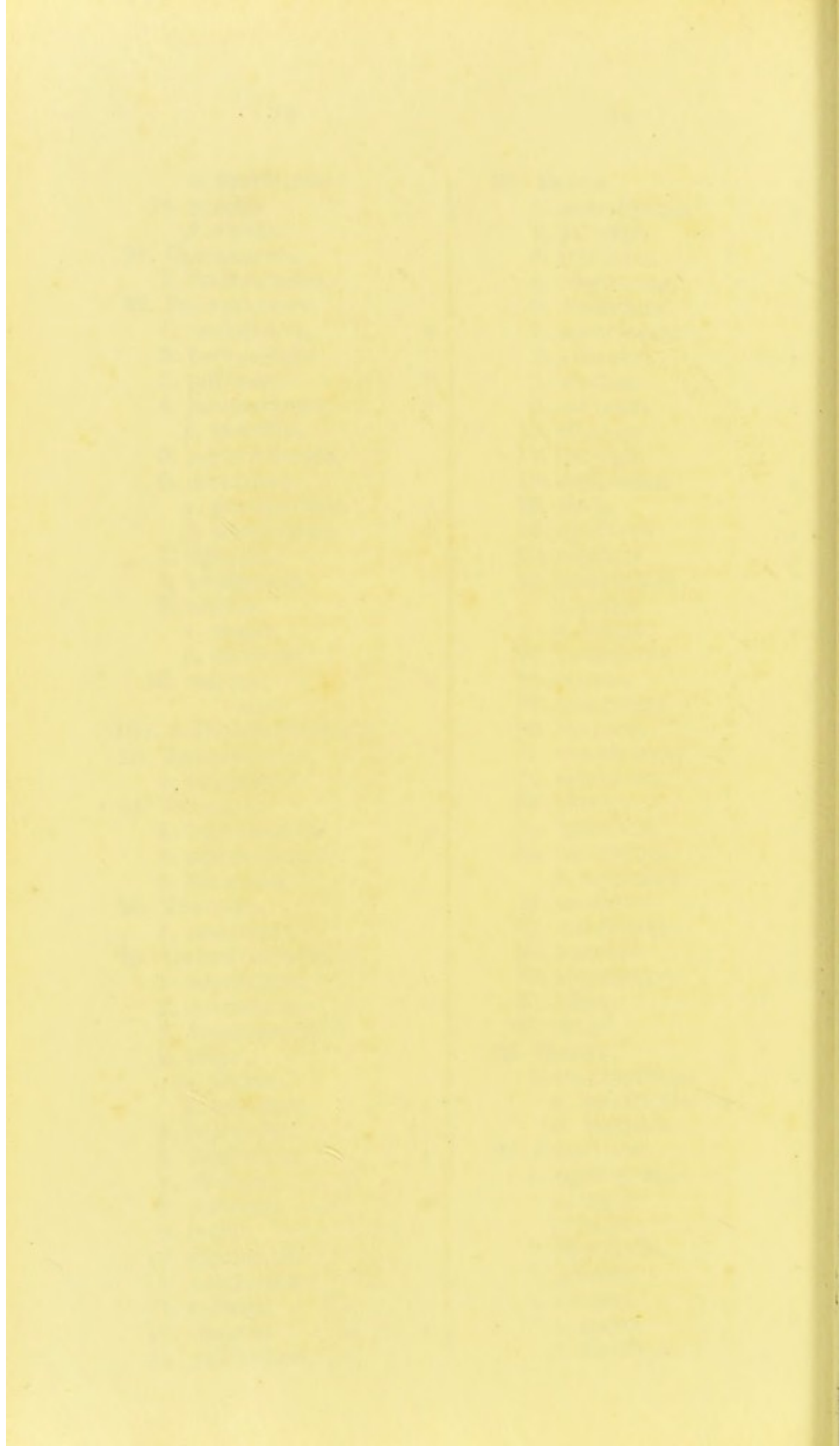
3. gracilis.

4. fontana.

α. major. c

β. marchica.





5. halleriana.
6. arcuata.
30. BUXBAUMIA.
1. aphylla.

Sect. II. Pleurocarpi.
(Sub-sect. 1. Gymnostomi.)

31. HEDWIGIA.
1. æstiva.

(Sub-sect. 2. Peristomi.)
((Div. 1. Aploperistomi.))

32. PTEROGONIUM.
1. smithii.
2. gracile.
3. filiforme.

33. LEUCODON.
1. sciuroides.

((Div. 2. Diploperistomi.))

34. NECKERA.
1. pumila.
2. pennata.
3. crispa.

35. ANOMODON.
1. curtispiculum.
2. viticulosum.

36. DALTONIA.
1. heteromalla.

37. FONTINALIS.
1. antipyretica.
2. squamosa.
3. capillacea.

38. HOOKERIA.
1. lucens.
2. læte-virens.
3. splachnoides.

39. HYPNUM.
1. trichomanoides.
2. complanatum.
3. riparium.
4. undulatum.
5. denticulatum.
 α. angustifolium.
 β. obtusifolium.
6. medium.
7. tenellum.
8. serpens.

9. populeum.
10. reflexum.
11. molle.
12. alpestre.
13. trifarium.
14. stramineum.
15. flavescens.
16. murale.
17. purum.
18. piliferum.
19. schreberi.
20. moniliforme.
21. catenulatum.
22. plumosum.
23. demissum.
24. pulchellum.
25. rufescens.
26. polyanthos.
27. sericeum.
28. salebrosum.
29. lutescens.
30. nitens.
31. albicans.
32. alopecurum.
33. dendroides.
34. curvatum.
35. myosuroides.
36. splendens.
37. proliferum.
38. prælongum.
39. flagellare.
40. micans.
41. abietinum.
42. blandovii.
43. blandum.
44. crassinervium.
45. rutabulum.
46. velutinum.
47. ruscifolium.
48. striatum.
49. confertum.
50. cuspidatum.
51. cordifolium.
52. polymorphum.
53. stellatum.
 α. majus.
 β. minus.
54. halleri.

55. dimorphum.		6. pumila.	
56. loreum.	c	7. lanceolata.	
57. triquetrum.	c	8. cordifolia.	
58. brevirostre.		9. sphagni.	c
59. squarrosus.	c	10. crenulata.	
60. filicinum.	c	11. sphærocarpa.	
61. atro-virens.		12. hyalina.	
62. palustre.		13. compressa.	
63. fluitans.	c	14. emarginata.	
64. aduncum.		15. concinnata.	
α . revolvens.	c	16. orcadensis.	
β . rugosum.		17. inflata.	
65. uncinatum.		18. turbinata.	
66. rugulosum.		19. excisa.	
67. commutatum.		20. ventricosa.	c
68. scorpioides.	c	21. turneri.	
69. silesianum.		22. bicuspidata.	c
70. cupressiforme.	c	23. byssacea.	
β . compressum.		24. connivens.	
γ . tenue.		25. curvifolia.	
71. crista-castrensis.		26. capitata.	
72. molluscum.	c	27. incisa.	
XCV. HEPATICÆ.		28. pusilla.	c
1. RICCIA.		29. nemorosa.	
1. crystallina.		30. planifolia.	
α . glauca.	c	31. umbrosa.	
β . obtusa.		32. undulata.	
2? fluitans.	c	33. resupinata.	
3. natans.	c	34. albicans.	
4. spuria.		35. obtusifolia.	
2. SPHÆROCARPUS.		36. dicksoni.	
1. terrestris.	c	37. minuta.	
3. ANTHOCEROS.		38. exsecta.	
1. punctatus.	c	39. cochleariformis.	
4. TARGIONIA.		40. complanata.	c
1. hypophylla.		41. anomala.	
5. MARCHANTIA.		42. taylori.	
1. polymorpha.	c	43. scalaris.	
2? lævis.		44. polyanthos.	
3. conica.	c	45. cuneifolia.	
4. hemisphærica.	c	46. viticulosa.	c
5. irrigua.		47. trichomanis.	
6. JUNGERMANNIA.		48. bidentata.	c
1. hookeri.		49. heterophylla.	
2. asplenoides.	c	50. scutata.	
3. spinulosa.		51. francisci.	
4. decipiens.		52. barbata.	
5. doniana.		53. albescens.	

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54. reptans.
 55. trilobata.
 56. juniperina.
 57. julacea.
 58. laxifolia.
 59. setacea.
 60. trichophylla.
 61. setiformis.
 62. platyphylla. c
 63. lævigata.
 64. ciliaris.
 65. woodsii.
 66. tomentella.
 67. mackaii.
 68. serpyllifolia.
 69. hamatifolia.
 β. echinata.
 70. minutissima.
 71. calyptrifolia.
 72. hutchinsiae.
 73. dilatata. c
 74. tamarisci. c
 75. pinguis. c
 76. multifida.
 77. blasia.
 78. epiphylla. c
 79. furcata. c
 80. pubescens.
 81. lyellii.
 β. hibernica.

XCVI. LICHENES.

(Tr. Bæomyceæ.)

1. BÆOMYCES.
 1. roseus.
 2. rufus. c
 3. placophyllus.

(Tr. Calicioideæ.)

2. CALICIUM.
 1. sessile.
 2. microcephalum.
 3. tigillare.
 4. tympanellum. c
 5. ferrugineum.
 6. clavellum.
 7. hyperellum.
 8. chrysocephalum.
 9. phæocephalum.

10. chlorellum. c
 11. curtum.
 β. populinum.
 12. debile.
 13. sphærocephalum. c
 β. crustosum.
 14. æruginosum.
 β. cærulescens.
 15. peronellum.
 16. furfuraceum. c

(Tr. Graphideæ.)

3. ARTHONIA.
 1. impolita.
 2. lurida.
 3. swartziana.
 4. OPEGRAPHA. c
 1. lyncea.
 2. epipasta.
 β. microscopica.
 3. rubella.
 4. rufescens.
 5. atra.
 6. vulgata.
 7. betulina.
 8. varia.
 9. saxatilis.
 10. cerebrina.
 11. tesserata.
 12. elegans.
 13. scripta.
 14. lyellii. c
 15. dendritica.
 16. venosa.

(Tr. Verrucarieæ.)

5. VERRUCARIA.
 1. nitida.
 2. dermatodes.
 3. cinerea.
 4. epidermidis.
 β. analepta.
 5. punctiformis.
 6. olivacea.
 7. rhypona.
 8. gemmata.
 9. biformis.
 10. niveo-atra.

11. rudis.
12. aphanes.
13. leucocephala.
 β . amphibola.
14. rupestris.
15. concinna.
16. elæina.
17. lævata.
18. harrimani.
19. plumbea.
20. gagei.
21. viridula.
22. muralis.
23. epipolæa.
24. trachona.
25. maura.
26. nigrescens.
27. striatula.
 β . acrotella.
28. hookeri.
29. epigæa.
6. ENDOCARPON.
 1. miniatum.
 α . umbilicatum.
 β . complicatum.
 γ . aquaticum.
2. hedwigii.
 β . lachneum. c
 γ . squamulosum.
3. pallidum.
4. psoromoides.
5. leptophyllum.
6. euplocum.
7. solediatum.
8. pulchellum.
9. læte-virens.
10. smaragdulum.
11. tephroides.
12. fuscillum.
13. polysticticum.
14. sinopicum.
7. PERTUSARIA.
 1. communis. c
 2. ceuthocarpa.
3. fallax.
4. isidioides.
5. crassa.
8. THELOTREMA.

1. lepadinum.
 2. melaleucum.
 3. exanthematicum.
 4. hutchinsiae.
-
- (Tr. Leprarieæ.)
9. LEPRARIA.
 1. viridis.
 2. murorum.
 3. ochracea.
 4. flava. c
 5. alba. c
 6. virescens.
 7. cinereo-sulphurea.
 8. jolithus.
 9. nigra.
 10. SPILOMA.
 1. microscopicum.
 2. murale.
 3. sphærale.
 4. dispersum.
 5. auratum.
 6. nigrum.
 α . variolosum.
 - β . versicolor.
 - γ . erubescens.
 7. fuliginosum.
 8. decolorans.
 9. punctatum.
 10. gregarium.
 α . cinnabarinum. c
 β . rosaceum.
 - γ . marginatum.
 - δ . discolor.
 - ϵ . dubium.
 - ζ . detritum.
 - η . microstigma.
 11. tuberculosum.
-
- (Tr. Variolarieæ.)
11. VARIOLARIA.
 1. vitiligo.
 2. griseo-virens.
 3. conspurcata. c
 β . lateritia.
 - γ . albella.
 4. globulifera.
 5. discoidea.

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- 6. faginea. c
- 7. aspergilla.
- 8. lactea.
- β . arenaria.
- 9. cinerea.
- 10. multipunctata.
- β . lævigata.
- 11. velata.
- 12. argena.
- 13. agelæa.

(Tr. Lecanoreæ.)

- 12. URCEOLARIA.
 - 1. scruposa. c
 - 2. gibbosa.
 - 3. calcarea. c
 - 4. cinerea.
 - 5. acharii.
 - 6. rufescens.
- 13. LECIDEA.
 - 1. atrata.
 - 2. atro-cinerea.
 - 3. atro-alba.
 - 4. verruculosa.
 - 5. fusco-atra.
 - 6. cechumena.
 - β . athrocarpa.
 - 7. petræa.
 - 8. confluens.
 - 9. lapicida. c
 - β . diacapsis.
 - 10. prominula.
 - 11. chalybea.
 - 12. premnea.
 - 13. parasema. c
 - 14. pinicola.
 - 15. dubia.
 - 16. griffithii.
 - 17. gagei.
 - 18. aromatica.
 - 19. sanguinaria. c
 - 20. muscorum. c
 - 21. viridiatra.
 - 22. geographica.
 - 23. silacea.
 - 24. æderi.
 - 25. flavo-virescens.
 - 26. scabrosa.

- 27. uliginosa.
- 28. synothea.
- 29. simplex.
- 30. immersa. c
- 31. rivulosa.
- 32. pruinosa.
- 33. abietina.
- 34. speirea.
- 35. albo-atra.
 - α . corticola. c
 - β . saxicola. c
- 36. lightfootii.
- 37. incompta.
- 38. querneæ.
- 39. viridescens.
- 40. pulverea.
- 41. incana. c
- 42. sulphurea.
- 43. expallens.
- 44. æruginosa.
- 45. quadricolor.
- 46. coronata. c
- β . escharoides.
- 47. anomala.
- β . effusa.
- 48. rupestris. c
- 49. irrubata.
- 50. vernalis. c
- 51. pineti.
- 52. cornea.
- 53. fusco-lutea.
- 54. ferruginea. c
- 55. subcarnea.
- 56. icmadophila. c
- 57. privigna.
- 58. marmorea.
- 59. alabastrina.
- 60. lutea.
- 61. ehrhartiana. c
- 62. polytropæ.
- 63. intricata.
- 64. lucida.
- 65. atro-flava. c
- 66. ulmicola.
- 67. aurantiaca. c
- 68. erythrella.
- 14. LECANORA.
 - 1. atra. c

2. argopholis.
 3. exigua.
 4. periclea.
 5. coarctata. c
 6. squamulosa.
 7. milvina.
 8. aipospila.
 9. spodophæa.
 10. sophodes.
 11. tuberculosa.
 12. aspersa.
 13. glaucoma.
 14. thelostoma.
 15. subfusca. c
 16. frustulosa.
 17. ventosa.
 18. cæcio-rufa. c
 19. rubra.
 20. hæmatomma.
 21. cerina. c
 22. crenulata. c
 23. byssina.
 24. chloroleuca.
 25. varia.
 26. albella. c
 27. carneo-lutea. c
 28. parella. c
 29. tartarea.
 - β. upsalensis.
 30. turneri. c
 31. citrina.
 32. vitellina. c
-
- (Tr. Squamariæ.)
15. PSORA.
 1. cæruleo-nigricans. c
 2. atro-rufa.
 3. scalaris. c
 4. decipiens. c
 5. glebulosa.
 6. rubiformis.
 16. SQUAMARIA.
 1. crassa.
 2. muscorum.
 3. hypnorum. c
 4. tribacia.
 5. leucolepis.
 6. candelaria. c

- β. polycarpa. c
 7. murorum. c
 8. miniata.
 9. elegans.
 10. fulgens.
 11. lentigera. c
 12. candicans.
 13. gelida.
 14. lanuginosa.
 15. clementi.
 16. cæsia.
 17. affinis.
 18. circinata. c
 19. saxicola. c
 20. elæina.
 17. PLACODIUM.
 1. canescens. c
 2. plumbeum.
 3. microphyllum.
 4. dædaleum.
-
- (Tr. Parmeliaceæ.)
18. PARMELIA.
 1. glomulifera.
 2. caperata. c
 3. conspersa.
 4. scorteia.
 5. borrieri.
 6. saxatilis. c
 7. omphalodes.
 8. perforata. c
 9. perlata. c
 10. lævigata.
 11. herbacea.
 12. tiliacea.
 13. olivacea. c
 14. corrugata.
 15. pulverulenta. c
 16. pityrea.
 17. stellaris. c
 18. speciosa.
 19. cycloselis. c
 20. virella.
 21. incurva.
 22. fahlunensis.
 23. stygia.
 24. excausta.
 25. aquila.



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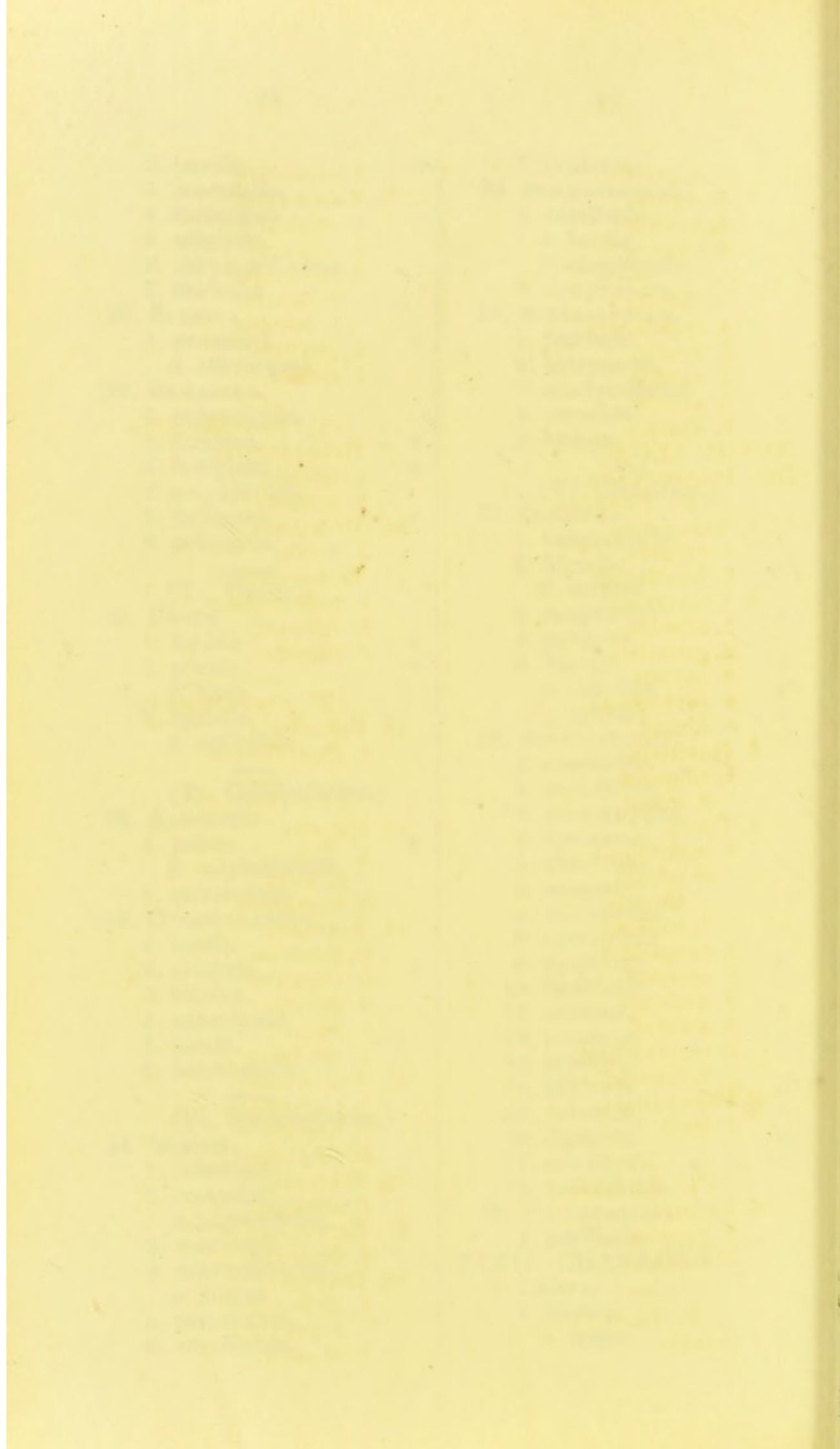
26. aleurites.
 27. ambigua.
 28. sinuosa.
 29. parietina. c
 30. physodes. c
 31. diatrypa.
 19. STICTA.
 1. macrophylla.
 2. crocata.
 3. aurata.
 4. pulmonaria. c
 5. scrobiculata.
 6. limbata.
 7. fuliginosa.
 8. sylvatica.
 —
 (Tr. Collemateæ.)
 20. COLLEMA.
 1. nigrum.
 2. microphyllum.
 3. cheileum.
 4. fragrans.
 5. cristatum. c
 6. limosum.
 7. turgidum.
 8. tenax.
 9. ceramoides.
 10. plicatile.
 11. fluviatile.
 12. multipartitum.
 13. marginale.
 14. fasciculare. c
 15. corrugatum.
 16. cretaceum. c
 17. palmatum.
 18. saturninum.
 19. burgessii.
 20. tunæforme.
 21. nigrescens. c
 22. flaccidum.
 23. granulatum. c
 24. crispum.
 25. dermatinum.
 26. sinuatum.
 27. tremelloides.
 28. lacerum. c
 29. subtile.
 30. tenuissimum.

31. schraderi.
 32. muscicola.
 33. spongiosum.
 —
 (Tr. Peltigeræ.)
 21. SOLORINA.
 1. crocea.
 2. saccata.
 22. PELTIDEA.
 1. venosa.
 2. scutata.
 3. horizontalis.
 4. aphthosa.
 5. canina. c
 6. spuria.
 7. rufescens.
 8. polydactyla. c
 23. NEPHROMA.
 1. resupinata.
 2. parilis.
 —
 (Tr. Umbilicarieæ.)
 24. GYROPHORA.
 1. polyphylla.
 2. proboscidea.
 β. arctica.
 3. deusta.
 4. erosa.
 5. cylindrica.
 6. murina.
 7. pellita.
 25. UMBILICARIA.
 1. pustulata.
 —
 (Tr. Ramalineæ.)
 26. CETRARIA.
 1. juniperina.
 β. pinastri.
 2. sepincola.
 3. glauca.
 β. fallax.
 4. nivalis.
 5. islandica.
 27. ROCCELLA.
 1. tinctoria.
 2. fuciformis.
 28. BORRERA.
 1. ciliaris. c

2. tenella. c
 3. leucomela.
 4. furfuracea.
 5. atlantica.
 6. chrysophthalma.
 7. flavicans.
 29. EVERNIA.
 1. prunastri. c
 β . stictoceras.
 30. RAMALINA.
 1. polymorpha.
 2. fraxinea. c
 3. fastigiata. c
 4. scopulorum.
 5. farinacea. c
 6. pollinaria.
 —
 (Tr. Usneæ.)
 31. USNEA
 1. florida. c
 2. plicata. c
 β . hirta.
 3. barbata.
 β . articulata.
 —
 (Tr. Corniculariæ.)
 32. ALECTORIA.
 1. jubata. c
 β . calybeiformis.
 2. sarmentosa.
 33. CORNICULARIA.
 1. tristis.
 2. aculeata. c
 3. bicolor.
 4. ochroleuca.
 5. lanata.
 6. heteromalla.
 —
 (Tr. Sphærophoreæ.)
 34. ISIDIUM.
 1. lutescens.
 2. coccodes.
 β . phymatodes.
 3. westringii.
 4. microsticticum.
 β . album.
 5. paradoxum.
 6. corallinum.

7. oculatum.
 35. SPHÆROPHORON.
 1. coralloides.
 α . laxum.
 β . cæspitosum.
 2. compressum.
 36. STEREOCAULON.
 1. paschale.
 2. botryosum.
 3. condyloideum.
 4. cereolus.
 5. nanum.
 —
 (Tr. Cladoniæ.)
 37. CLADONIA.
 1. vermicularis.
 2. uncialis. c
 β . turgida.
 3. rangiferina. c
 4. pungens.
 5. furcata. c
 β . subulata. c
 γ . spinosa. c
 38. SCYPHOPHORUS.
 1. cæspititius.
 2. parasiticus.
 3. microphyllus.
 4. sparassus.
 5. alcicornis. c
 6. anomæus.
 7. endivifolius.
 8. cervicornis.
 9. pyxidatus. c
 10. fimbriatus.
 11. radiatus. c
 12. cornutus. c
 13. gracilis.
 14. filiformis. c
 15. deformis. c
 16. digitatus. c
 17. cocciferus. c
 18. bellidiflorus.
 39. PYCNOTHELIA.
 1. papillaria.
 XCVII. CHARACEÆ.
 1. CHARA.
 1. hispida.
 α . major. c





- β. gracilis.*
 2? *aspera.*
 3. *hedwigii.*
 4. *vulgaris.*

c

—
 (Nitella.)

5. *translucens.*
 6. *flexilis.*
 7. *nidifica.*
 8. *gracilis.*
 9. *hyalina.*

c

c

c

XCVIII. ALGÆ.

DIV: INARTICULATÆ.

(Tr. Fucoideæ.)

1. SARGASSUM.
 1. *vulgare.*
 2. *bacciferum.*
 2. CYTOSSEIRA.
 1. *ericoides.*
 2. *granulata.*
 3. *barbata.*
 4. *fæniculacea.*
 5. *fibrosa.*
 3. HALIDRYS.
 1. *siliquosa.*
 β. minor.
 4. FUCUS.
 1. *vesiculosus.*
 β. spiralis.
 γ. linearis,
 δ. balticus.
 2. *ceranoides.*
 3. *serratus.*
 4. *nodosus.*
 5. *mackaii.*
 6. *canaliculatus.*
 7. *tuberculatus.*
 5. HIMANTHALIA.
 1. *lorea.*

c

c

c

—
 (Tr. Lichineæ.)

6. LICHINA.
 1. *pygmea.*
 2? *confinis.*

—
 (Tr. Laminariæ.)

7. ALARIA.

1. *esculenta.*
 8. LAMINARIA.
 1. *digitata.*
 2. *bulbosa.*
 3. *saccharina.*
 β. bullata.
 γ. latifolia.
 4. *phyllitis.*
 5. *debilis.*

—
 (Tr. Sporochnoideæ.)

9. DESMARESTIA.
 1. *ligulata.*
 2. *aculeata.*
 10. DICHLORIA.
 1. *viridis.*
 11. SPOROCHNUS.
 1. *pedunculatus.*
 2. *villosus.*
 3. *rhizodes.*

—
 (Tr. Chordarieæ.)

12. CHORDARIA.
 1. *flagelliformis.*

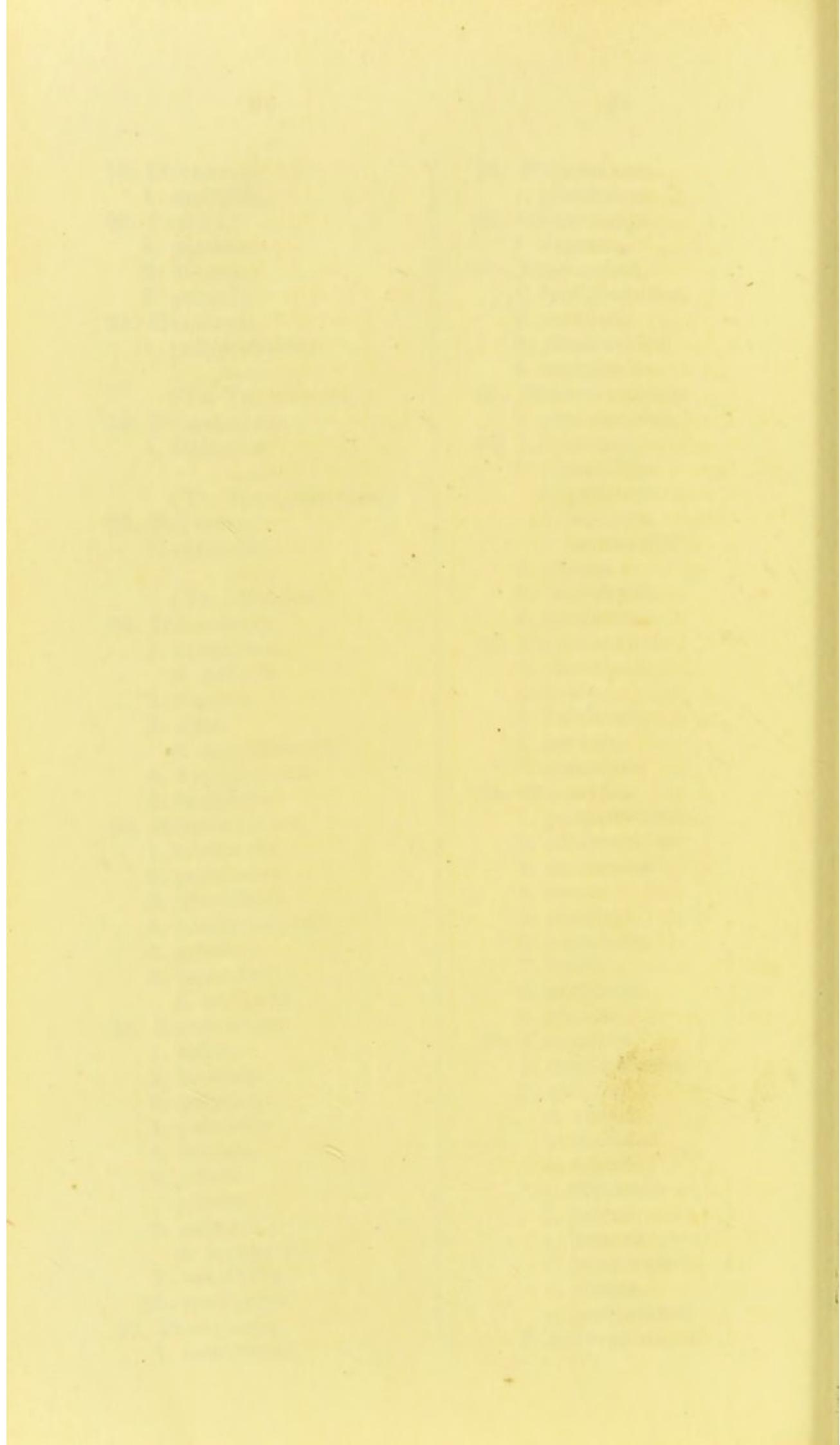
—
 (Tr. Dictyotæ.)

13. CHORDA.
 1. *filum.*
 β. thrix.
 2. *lomentaria.*
 14. ASPEROCOCCUS.
 1. *fistulosus.*
 2. *castaneus.*
 3. *pusillus.*
 4. *turneri.*
 5. *compressus.*
 15. PUNCTARIA.
 1. *plantaginea.*
 2. *latifolia.*
 3. *tenuissima.*
 16. STRIARIA.
 1. *attenuata.*
 17. DICTYOSIPHON.
 1. *fæniculaceus.*
 18. DICTYOTA.
 1. *dichotoma.*
 β. intricata.
 2. *atomaria.*

19. CUTLERIA.
1. multifida.
20. PADINA.
1. pavonia.
2. deusta.
3. parvula.
21. HALISERIS.
1. polypodioides.
- (Tr. Furcellariæ.)
22. FURCELLARIA.
1. fastigiata.
- (Tr. Spongiocarpeæ.)
23. POLYIDES.
1. rotundus.
- (Tr. Florideæ.)
24. DELESSERIA.
1. sanguinea.
 β. latifolia.
2. sinuosa.
3. alata.
 β. angustissima.
4. hypoglossum.
5. ruscifolia.
25. NITOPHYLLUM.
1. ocellatum.
2. punctatum.
3. ulvoideum.
4. bonnemaisonii.
5. gmelini.
6. laceratum.
 β. uncinata.
26. RHODOMENIA.
1. bifida.
2. laciniata.
3. polycarpa.
4. palmetta.
5. cristata.
6. ciliata.
7. jubata.
8. palmata.
 β. sarniensis.
9. sobolifera.
10. reniformis.
27. PLOCAMIMUM.
1. coccineum.

28. MICROCLADIA.
1. glandulosa.
29. ODONTHALIA.
1. dentata.
30. RHODOMELA.
1. lycopodioides.
2. subfusca.
3. pinastroides.
4. scorpioides.
31. BONNEMAISONIA.
1. asparagoides.
32. LAURENCIA.
1. pinnatifida.
 β. osmunda.
 γ. angusta.
 δ. tenuissima.
2. obtusa.
3. dasyphylla.
4. tenuissima.
33. CHYLOCLADIA.
1. clavellosa.
2. ovalis.
3. kaliformis.
4. parvula.
5. articulata.
34. GIGARTINA.
1. purpurascens.
2. confervoides.
3. compressa.
4. erecta.
5. pistillata.
6. acicularis.
7. teedii.
8. griffithsiæ.
9. plicata.
35. CHONDRUS.
1. mammosus.
2. crispus.
 β. virens.
 γ. stellatus.
 δ. æqualis.
 ε. filiformis.
 ζ. patens.
 η. lacerus.
 θ. sarniensis.
 ι. planus.
 κ. geniculatus.
3. norvegicus.





4. membranifolius.
 β. lacer.
 γ. stellatus.
 δ. fimbriatus.
 ε. latifolius.
 ζ. roseus.
 η. angustissimus.
 5. brodæii.
 β. simplex.
 γ. roseus.
36. PHYLLOPHORA.
 1. rubens.
37. SPHÆROCOCCUS.
 1. coronopifolius.
38. GELIDIUM.
 1. cartilagineum.
 2. corneum.
 β. filicinum.
 γ. pinnatum.
 δ. uniforme.
 ε. capillaceum.
 ζ. deforme.
 η. sesquipedale.
 κ. confertum.
 λ. attenuatum.
 μ. pulchellum.
 ν. claviferum.
 ξ. abnorme.
 π. latifolium.
 ρ. aculeatum.
 σ. clavatum.
 τ. crinale.
39. GRATELOUPIA.
 1. filicina.
40. CHÆTOSPORA.
 1. wigghii.
41. PTILOTA.
 1. plumosa.
 β. capillaris.
- (Tr. Gastrocarpeæ.)
42. IRIDÆA.
 1. edulis.
43. HALYMENIA.
 1. ligulata.
 2. furcellata.
44. DUMONTIA.
 1. filiformis.

- β. crispata.
45. CATENELLA.
 1. opuntia.
- (Tr. Ulvaceæ.)
46. PORPHYRA.
 1. laciniata.
 2. vulgaris.
 3? miniata.
 4. linearis.
47. ULVA.
 1. latissima. c
 2. lactuca.
 3. linza.
 4. bullosa.
 5. crispa.
 6. furfuracea.
 7. calophylla.
48. TETRASPORA.
 1. lubrica.
 2. gelatinosa.
49. ENTEROMORPHA.
 1. cornucopiæ.
 2. intestinalis. c
 3. compressa. c
 4. linkiana.
 5. erecta.
 6. clathrata.
 7. ramulosa.
 8. percursa.
50. BANGIA.
 1. fusco-purpurea.
 α. fuscescens.
 β. purpurea.
 2. ciliaris.
 3. laminariæ.
 4. lætevirens.
 5. lacustris.
- (Tr. Siphoneæ.)
51. CODIUM.
 1. tomentosum.
 2. bursa.
52. BRYOPSIS.
 1. plumosa.
 2. hypnoides.
53. VAUCHERIA.
 1. dichotoma. c

2. velutina.
3. marina.
4. dillwynii. c
5. terrestris.
6. sessilis.
7. ornithocephala.
8. geminata.
9. cæspitosa.
54. BOTRYDIUM.
1. granulosum. c

—
(Tr. Lemanicæ.)

55. LEMANIA.
1. fluviatilis.
2. torulosa.

DIV. 2. CONFERVOIDEÆ.
(Tr. Ectocarpeæ.)

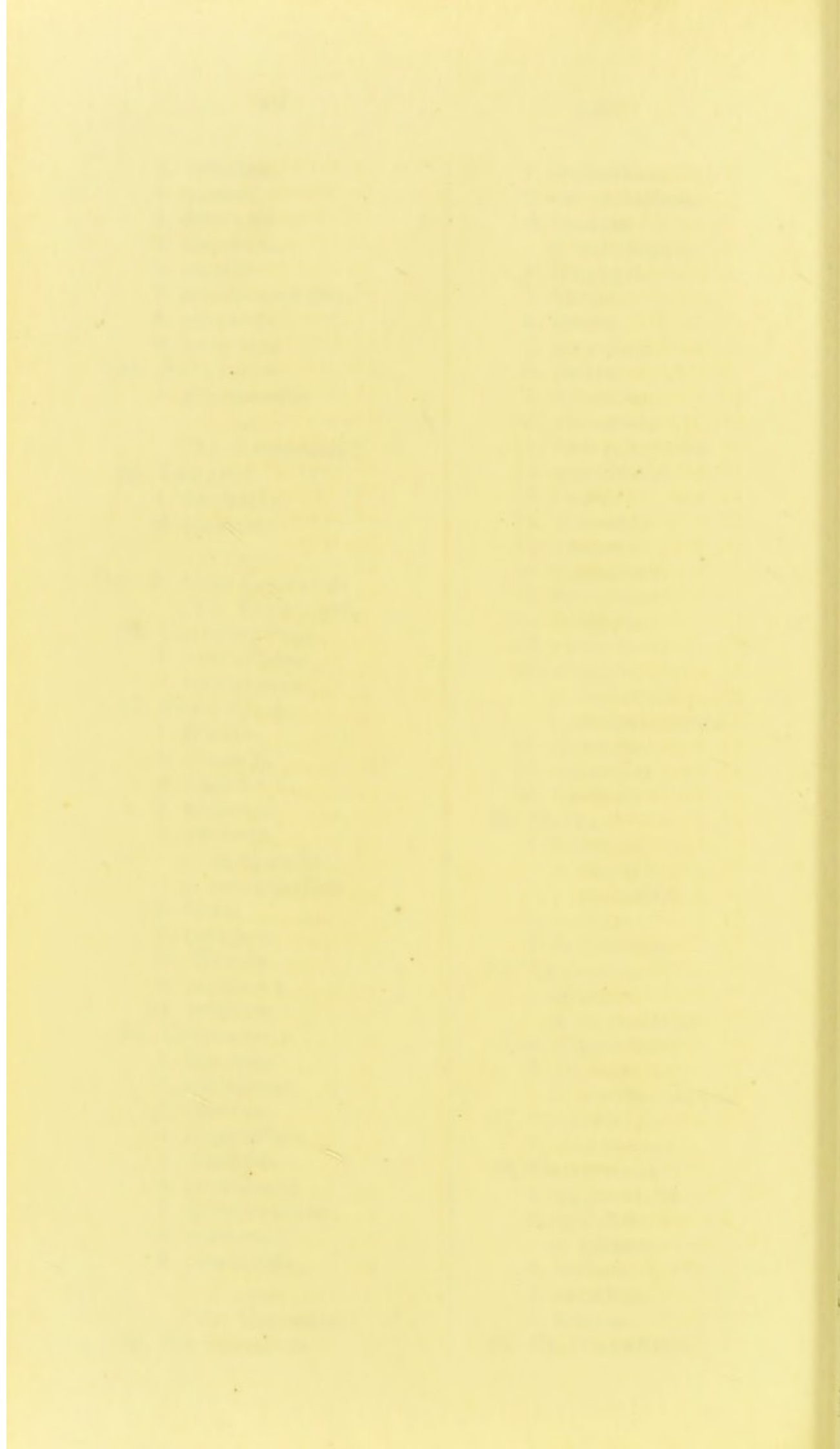
56. CLADOSTEPHUS.
1. verticillatus.
2. spongiosus.
57. SPHACELARIA.
1. filicina.
2. scoparia.
3. disticha.
4. plumosa.
5. cirrhosa.
- β. ægagropila.
- γ. patentissima.
6. fusca.
7. radicans.
8. olivacea.
9. racemosa.
10. velutina.
58. ECTOCARPUS.
1. littoralis.
2. siliculosus.
3. crinitus.
4. tomentosus.
5. distortus.
6. granulosus.
7. sphærophorus.
8. mertensii.
9. brachiatus.

—
(Tr. Ceramicæ.)

59. POLYSIPHONIA.

1. fruticulosa.
2. carmichaeliana.
3. brodiaei.
- β. subsimplex.
4. lyngbyei.
5. fibrata.
6. stricta.
7. urceolata.
8. patens.
9. spinulosa.
10. parasitica.
11. atro-rubescens.
12. agardhiana.
13. badia.
14. denudata.
15. violacea.
16. nigrescens.
17. furcellata.
18. fastigiata. c
19. richardsoni.
20. elongata.
- β. denudata.
- γ. sanguinolenta.
21. elongella.
22. byssoides.
23. fibrillosa.
60. DASYA.
1. coccinea.
- β. tenuior.
- γ. denudata.
2. ocellata.
3. hutchinsiae.
61. CERAMIUM.
1. rubrum.
- β. secundatum.
2. diaphanum.
3. ciliatum.
- β. acanthonotum.
62. SPYRIDIA.
1. filamentosa.
63. GRIFFITHSIA.
1. equisetifolia.
2. multifida.
- β. pilifera.
3. barbata.
4. corallina.
5. setacea.
64. CALITHAMNION.





1. plumula.
2. cruciatum.
3. pumilum.
4. turneri.
5. pluma.
6. arbuscula.
7. brodiaei.
8. hookeri.
9. lanosum.
10. roseum.
11. byssoides.
12. polyspermum.
13. tetricum.
14. tetragonum.
15. granulatum.
16. purpurascens.
17. fasciculatum.
18. borrieri.
19. seminudum.
20. affine.
21. grevillii.
22. spinosum.
23. gracillimum.
24. tripinnatum.
25. thuyoides.
26. corymbosum.
27. versicolor.
28. spongiosum.
29. interruptum.
30. pedicellatum.
31. rothii.
32. floridulum.
33. repens.
34. mesocarpum.
35. sparsum.
36. daviesii.
37. virgatulum.
38. secundatum.
39. lanuginosum.

(Tr. Confervæ.)

65. BULBOCHÆTE.

1. setigera.

66. CONFERVA.

1. ericetorum.
2. purpurascens.
3. alpina.
4. bombycina.

5. floccosa.
6. zonata.
7. vesicata. c
8. rivularis. c
9. mucosa.
10. dissiliens.
11. capillaris.
12. linum.
13. crassa.
14. tortuosa.
15. implexa.
16. ulothrix.
17. perreptans.
18. arenosa.
19. melagonium.
20. ærea.
21. collabens.
22. youngana.
23. flacca.
24. fucicola. c
25. flaccida.
26. curta.
27. scutulata.
28. carnea.
29. ceramicola.
30. brownii.
31. nigricans.
32. crispata.
33. flavescens.
34. fracta. c
- β. flexuosa.
35. glomerata. c
- β. marina.
36. ægagropila.
37. pellucida.
38. hutchinsiae.
39. rectangularis.
40. rupestris. c
41. diffusa.
42. albida.
- β. protensa.
43. lanosa.
44. centralis.
45. arcta.
46. æruginosa.
47. riparia.
67. HYDRODICTYON.
1. utriculatum. c

68. MOUGEOTIA. c
 1. genuflexa.
 2. compressa.
 3. cærulescens.
69. TYNDARIDEA.
 1. cruciata.
 2. epigæa.
 3. pectinata.
 4. bicolor.
70. ZYGNEMA. c
 1. nitidum.
 2. deciminum.
 3. quininum.
 4. curvatum.
- (Tr. Oscillatorieæ.)
71. STIGONEMA.
 1. atrovirens.
 2. mammillosum.
 3. panniforme.
72. SCYTONEMA.
 1. ocellatum.
 2. compactum.
 3. minutum.
 4. myochrous.
 5. cirrhosum.
 6. contextum.
 7. byssoideum.
73. CALOTHRIX.
 1. confervicola.
 2. berkeleyana.
 3. mucor.
 4. luteola.
 5. nivea.
 6. scopulorum.
 7. fasciculata.
 8. rufescens.
 9. interrupta.
 10. hydnoides.
 11. distorta.
 12. mirabilis.
 13. cæspitula.
74. LYNGBYA. c
 1. muralis.
 2. prolifica.
 3. majuscula.
 4. ferruginea.
 5. carmichaelii.

6. speciosa.
75. ROSARIA.
 1. lentigera.
 2. globifera.
76. OSCILLATORIA.
 1. friesii.
 2. lucifuga.
 3. chthonoplastes.
 β . repens.
 4. tenuissima.
 5. limosa.
 6. tenuis.
 7. cæyanea.
 8. splendida.
 9. muscorum.
 10. turfosa.
 11. decorticans.
 β . corticola.
 12. limbata.
 13. littoralis.
 14. subsalsa.
 15. nigra.
 16. autumnalis.
 17. contexta.
 18. corium.
 19. subfusca.
 20. violacea.
 21. rupestris.
 22. spiralis.
 23. spadicea.
 24. ochracea.
 25. alata.
77. BELONIA.
 1. torulosa.
- (Tr. Byssoideæ.)
78. BYSSOCLADIUM.
 1. fenestrale.
79. MYCINEMA.
 1. arachnoideum.
 2. fulvum.
 3. rubiginosum.
 4. phosphoreum. c
80. CHROOLEPUS. c
 1. aureus.
 2. iolithus.
 3. odoratus.
 4. lichenicolus.



1. The first part of the book is devoted to a general introduction to the subject of the history of the English language. It discusses the various factors which have influenced the development of the language, such as the contact with other languages, the internal changes, and the influence of the social and cultural environment. The author also discusses the importance of the study of the history of the English language for the understanding of the language itself and for the study of the history of the English people.

2. The second part of the book is devoted to a detailed study of the development of the English language from its earliest forms to the present day. It discusses the various stages of the language, from Old English to Middle English to Modern English, and the changes which have taken place in the vocabulary, grammar, and pronunciation of the language. The author also discusses the influence of the various dialects of the English language on the development of the standard language.

3. The third part of the book is devoted to a study of the influence of the English language on other languages and cultures. It discusses the various ways in which the English language has been borrowed by other languages, and the influence of the English language on the culture and literature of other countries. The author also discusses the influence of the English language on the development of the world language.

4. The fourth part of the book is devoted to a study of the future of the English language. It discusses the various factors which may influence the development of the language in the future, such as the increasing use of the language in science and technology, the influence of the media, and the changing social and cultural environment. The author also discusses the importance of the study of the history of the English language for the understanding of the future of the language.

5. The fifth part of the book is devoted to a study of the influence of the English language on the development of the world language. It discusses the various ways in which the English language has been borrowed by other languages, and the influence of the English language on the culture and literature of other countries. The author also discusses the influence of the English language on the development of the world language.

6. The sixth part of the book is devoted to a study of the future of the English language. It discusses the various factors which may influence the development of the language in the future, such as the increasing use of the language in science and technology, the influence of the media, and the changing social and cultural environment. The author also discusses the importance of the study of the history of the English language for the understanding of the future of the language.

7. The seventh part of the book is devoted to a study of the influence of the English language on the development of the world language. It discusses the various ways in which the English language has been borrowed by other languages, and the influence of the English language on the culture and literature of other countries. The author also discusses the influence of the English language on the development of the world language.

8. The eighth part of the book is devoted to a study of the future of the English language. It discusses the various factors which may influence the development of the language in the future, such as the increasing use of the language in science and technology, the influence of the media, and the changing social and cultural environment. The author also discusses the importance of the study of the history of the English language for the understanding of the future of the language.

9. The ninth part of the book is devoted to a study of the influence of the English language on the development of the world language. It discusses the various ways in which the English language has been borrowed by other languages, and the influence of the English language on the culture and literature of other countries. The author also discusses the influence of the English language on the development of the world language.

10. The tenth part of the book is devoted to a study of the future of the English language. It discusses the various factors which may influence the development of the language in the future, such as the increasing use of the language in science and technology, the influence of the media, and the changing social and cultural environment. The author also discusses the importance of the study of the history of the English language for the understanding of the future of the language.

- 5. ebenea.
- 6. melænus.
- 7. mesomelas.
- 8. arnotii.
- 81. TRENTÉPOHLIA.
 - 1. purpurea.
 - 2. pulchella.
- 82. PROTONEMA.
 - 1. umbrosum.
 - 2. cryptarum.
 - 3. acharii.
 - 4. orthotrichi.
 - 5. muscicola.
- 83. HYGROCROCIS.
 - 1. barytica.
 - 2. atramenti.
 - 3. typhlodermæ.
 - 4. pallida.
 - 5. rosæ.
 - 6. sanguinea.
 - 7. vini.
- 84. LEPTOMITUS.
 - 1. minutissimus.
 - 2. lacteus.
 - 3. clavatus.

—

DIV. 3. GLOIOCLADEÆ.
(Tr. Batrachospermeæ.)

- 85. MESOGLOIA.
 - 1. multifida.
 - 2. hudsoni.
 - 3. purpurea.
 - 4. coccinea.
 - 5. capillaris.
 - 6. vermicularis.
 - 7. griffithsiana.
 - 8. virescens.
- 86. BATRACHOSPERMUM.
 - 1. vagum.
 - 2. moniliforme. c
 - β . deterrentum. c
- 87. DRAPARNALDIA.
 - 1. plumosa.
 - 2. glomerata. c
 - 3. tenuis.
- 88. CHÆTOPHORA.
 - 1. endiviæfolia. c
 - 2. tuberculosa.

- 3. elegans. c
- 4. pisiformis.
- 5. longæva.
- 6. berkeleyi.
- 7. pellita.
- 89. CORYNEPHORA.
 - 1. marina.
- 90. MYRIONEMA.
 - 1. strangulans.
 - 2. punctiforme.
 - 3. clavatum.

—

(Tr. Rivulariæ.)

- 91. RIVULARIA.
 - 1. atra.
 - 2. botryoides.
 - 3. pisum.
 - 4. applanata.
 - 5. plicata.
 - 6. calcarea.
 - 7. granulifera.
 - 8. crustacea.
 - 9. nitida.
 - 10. plana.
 - 11. angulosa. c

—

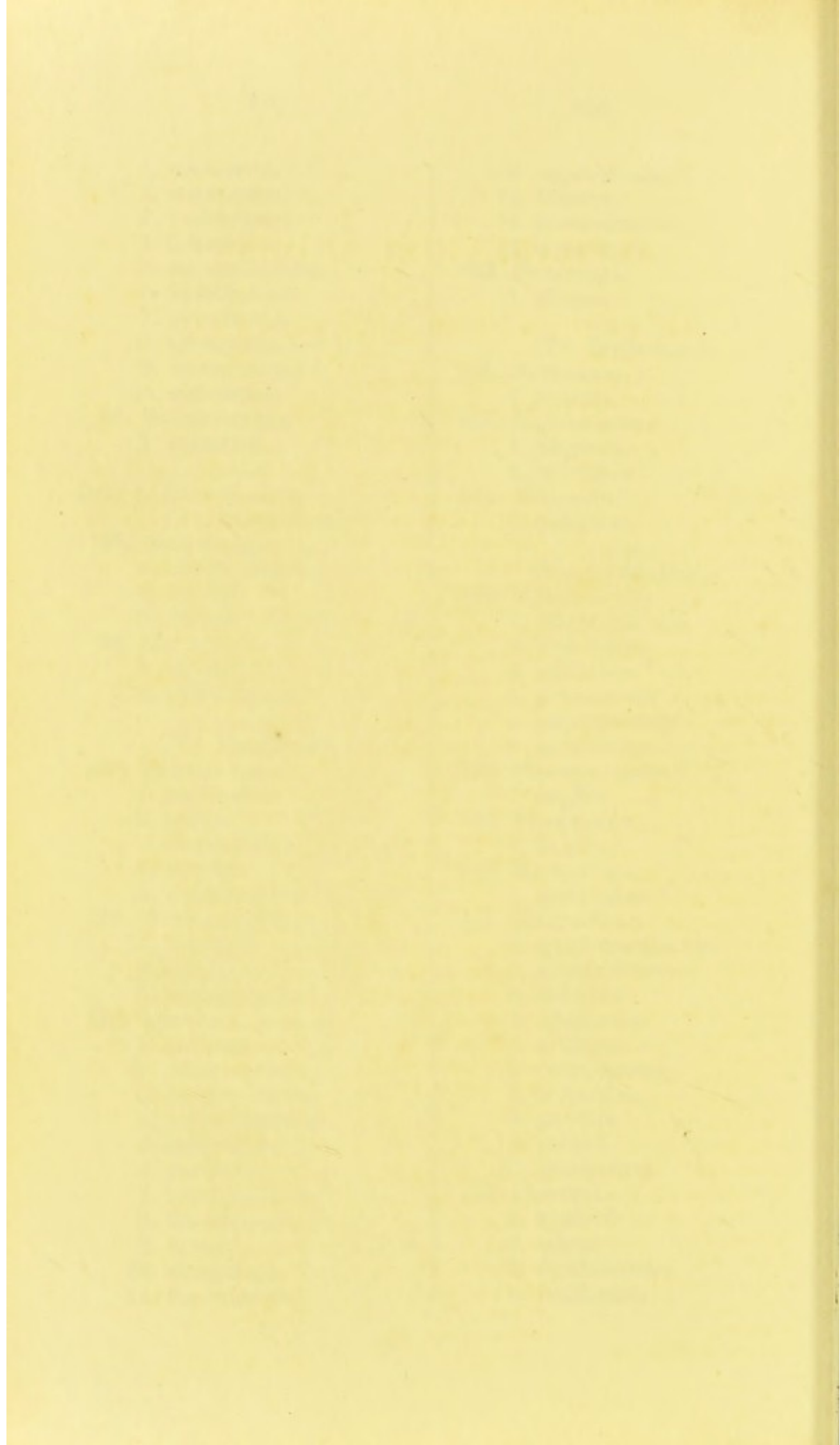
(Tr. Nostochineæ.)

- 92. PROTOCOCCUS.
 - 1. nivalis.
- 93. HÆMATOCOCCUS.
 - 1. frustulosus.
 - 2. sanguineus.
- 94. PALMELLA.
 - 1. protuberans.
 - 2. cruenta. c
 - 3. botryoides. c
 - 4. montana.
 - 5. hyalina. c
 - 6. rupestris.
 - 7. rivularis.
 - 8. livida.
 - 9. grumosa.
 - 10. adnata.
- 95. ECHINELLA.
 - 1. articulata.
 - 2. rotata.
 - 3. oblonga.
- 96. NOSTOC.

1. commune.
2. muscorum.
3. vesicarium.
4. foliaceum.
5. microscopicum.
6. humifusum.
7. pruniforme.
8. sphæricum.
9. verrucosum.
10. cæruleum.
97. SCYTHYMENIA.
 1. rupestris.
-
- DIV. 4. DIATOMACEÆ.
(Tr. Desmidiæ.)
98. MELOSEIRA.
 1. nummuloides.
 2. borrieri.
 3. lineata.
99. DESMIDIUM.
 1. swartzii.
 2. cylindricum.
-
- (Tr. Fragilariæ.)
100. FRAGILARIA.
 1. pectinalis.
 2. aurea.
 3. diatomoides.
 4. striatula.
 5. confervoides.
101. ACHNANTHES.
 1. brevipes.
 2. longipes.
 3. carmichaelii.
102. DIATOMA.
 1. auritum.
 2. obliquatum.
 3. unipunctatum.
 4. biddulphianum.
 5. striatulum.
 6. marinum.
 7. brachygonum.
 8. fenestratum.
 9. tenue.
 10. elongatum.
 11. flocculosum.

12. crystallinum.
13. fulgens.
14. fasciculatum.
15. truncatum.
103. FRUSTULIA.
 1. obtusa.
-
- (Tr. Styllariæ.)
104. STYLLARIA.
 1. cuneata.
105. LICINOPHORA.
 1. jurgensii.
 2. splendida.
106. MERIDION.
 1. circulare.
-
- (Tr. Cymbellæ.)
107. GOMPHONEMA.
 1. minutissimum.
 2. berkeleyi.
 3. minutum.
 4. geminatum.
 5. ampullaceum.
 6. paradoxum.
108. HOMEOCLADIA.
 1. anglica.
109. BERKELEYA.
 1. fragilis.
110. MICROMEGA.
 1. apiculatum.
111. SCHIZONEMA.
 1. quadripunctatum.
 2. helminthosum.
 3. dillwynii.
 4. spadiceum.
 5. obtusum.
 6. corymbosum.
 7. cornoides.
 8. grevillii.
 9. smithii.
 10. prostratum.
112. CYMBELLA.
 1. hyalina.
 2. minor.
 3. cymbiformis.
 4. reniformis.





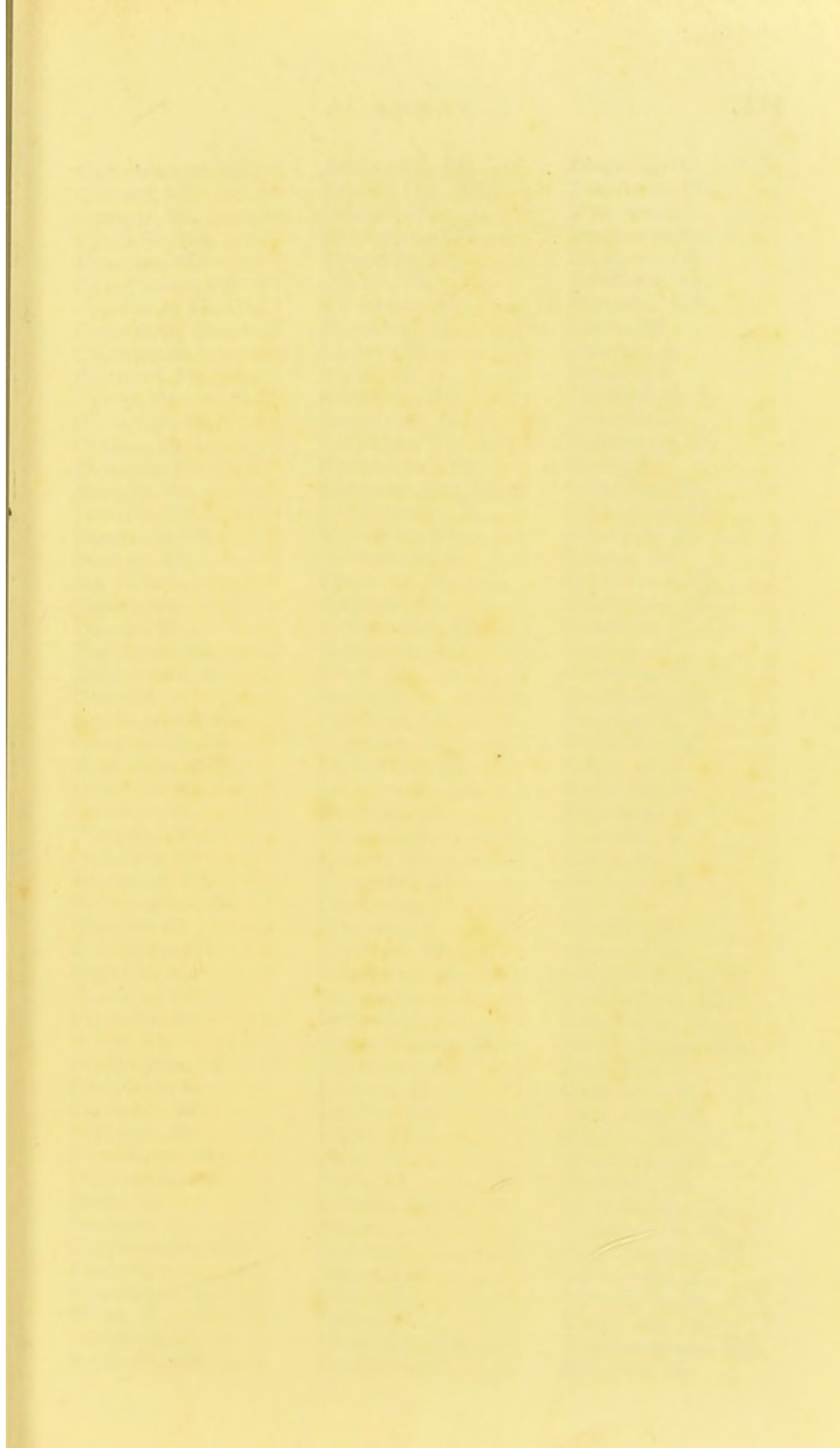
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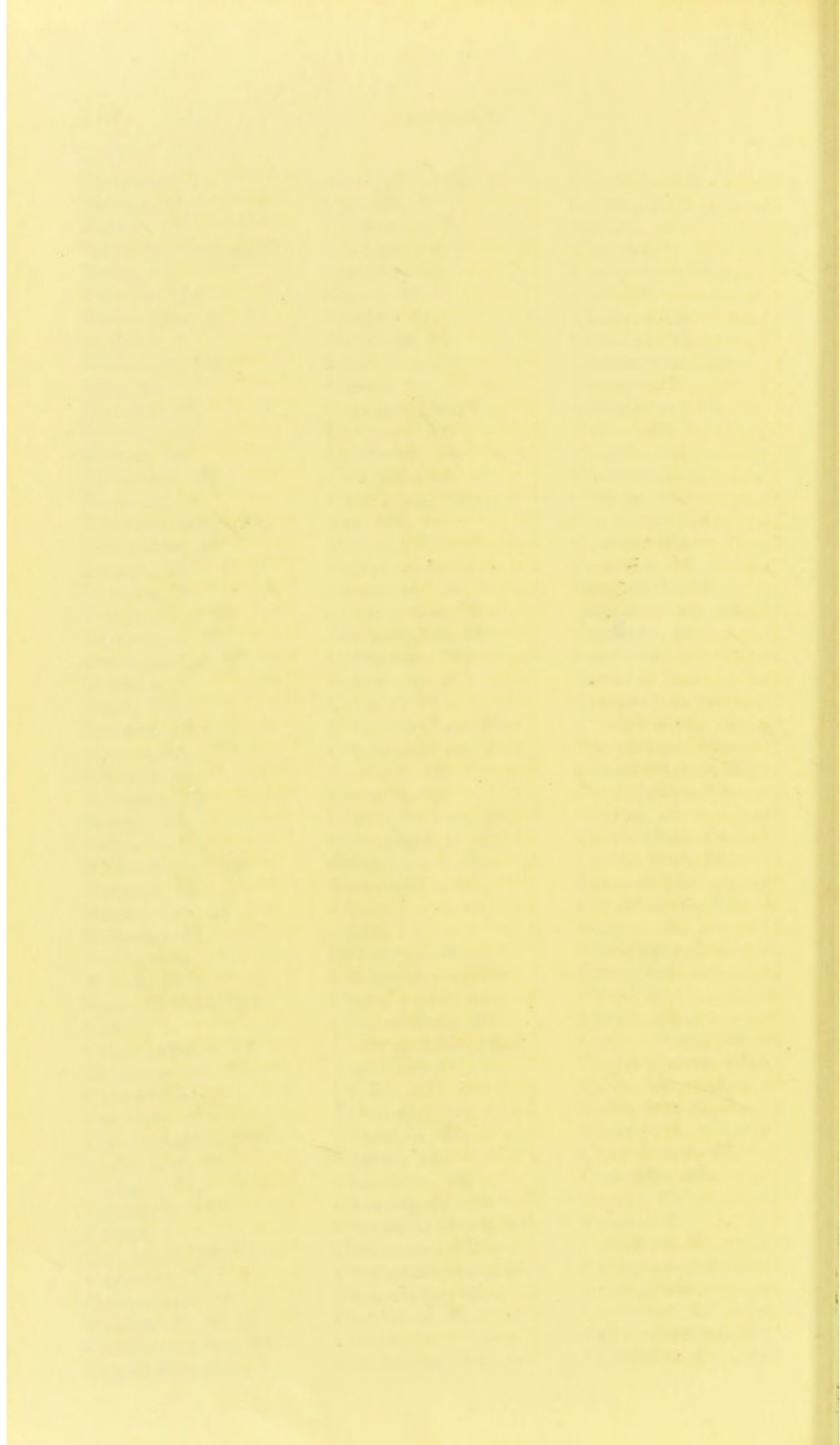
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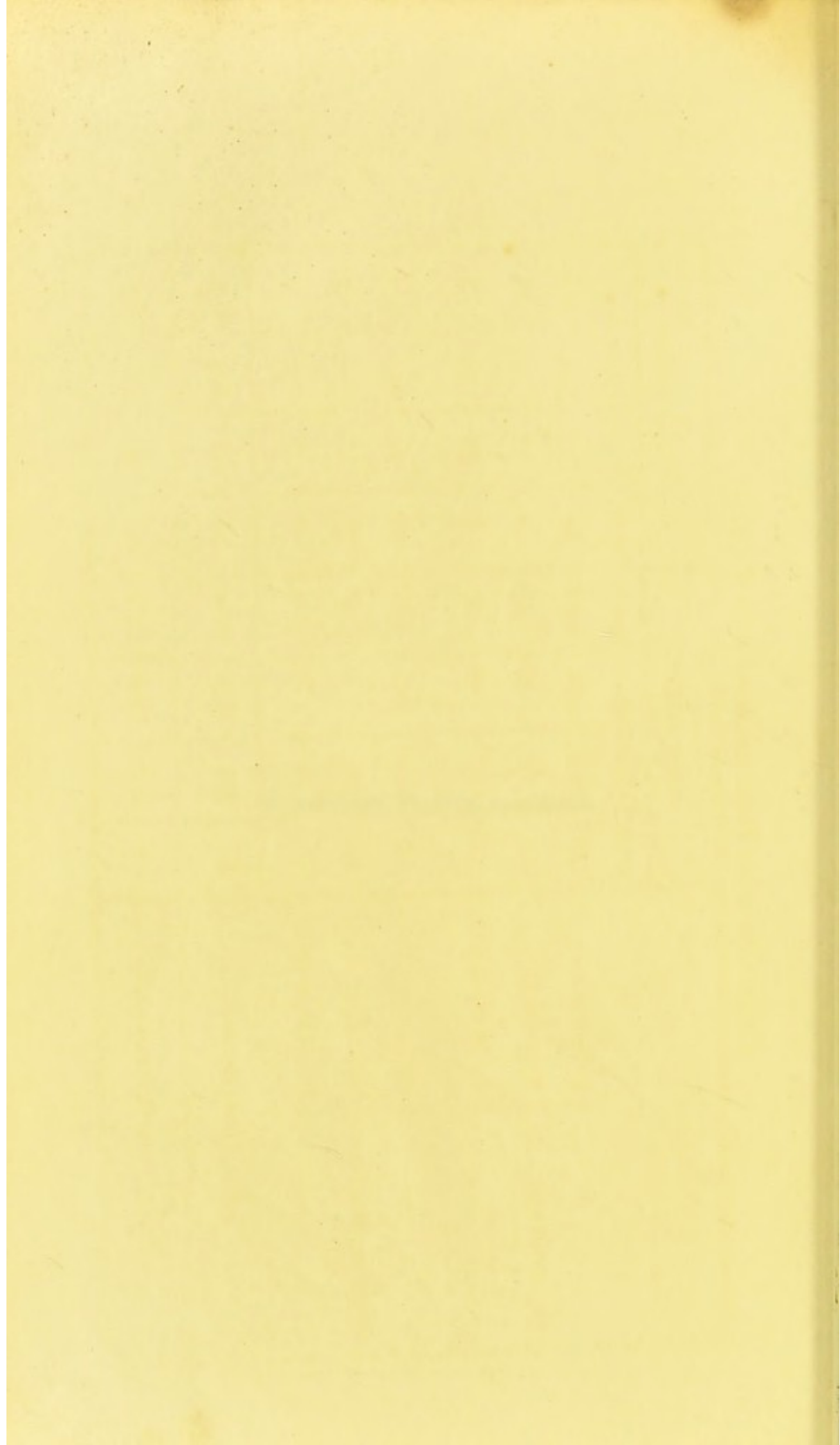
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W. METCALFE, PRINTER, CAMBRIDGE.





Enumeration of the Plants mentioned in the Catalogue.

	GREAT BRITAIN.				CAMBRIDGESHIRE.			
	Orders.	Genera.	Species.	Varieties	Orders.	Genera.	Species.	Varieties
Dicotyledones { Indigenous Naturalized To be expunged?..	74	382	1041	1261	65	277	571	614
	—	15	48	52	2	11	35	35
	1	13	48	50	3	11	27	27
Monocotyledones... { Indigenous Naturalized To be expunged?..	16	112	341	389	14	77	195	212
	—	2	9	10	2	3	4	4
	—	1	8	8	1	3	4	4
Total (Phanerogamæ)	91	525	1495	1770	85	382	836	896
Part of Acotyledones	7	213	1406	1583	7	86	271	282

Comparative View of the Systems of De Candolle and Jussieu.

Primary divisions of De Candolle.		Subordinate Groups, (Classes of Jussieu,) common to both.	Primary divisions of Jussieu.		Orders in this Catal.	Page.
* Vasculares seu Cotyledoneæ.						
A. Dicotyledoneæ seu Exogenæ.			C. Dicotyledones			
I. Thalamifloræ.		14. Hypopetalæ			I.—XXI.	1
		13. Peripetalæ		III. Polypetalæ	XXII.—XXXVI.	13
		12. Epipetalæ			XXXVII.—XXXIX.	24
II. Calycifloræ.		11. Epicorollæ corisantheræ			XL.—XLIV.	28
		10. Epicorollæ synantheræ		II. Monopetalæ	XLV.	30
		9. Pericorollæ			XLVI. XLVII.	36
III. Corollifloræ.		8. Hypocorollæ			XLVIII.—LXIII.	38
		7. Hypostamineæ		I. Apetalæ	LXIV.	46
		6. Peristamineæ			LXV.—LXVIII.	46
IV. Monoclamydeæ		5. Epistamineæ			LXIX. LXX.	48
		15. Diclinae		IV. Diclinae	LXXI.—LXXIV.	48
B. Monocotyledoneæ seu Endogenæ		* Angiospermæ			LXXV.	52
		** Gymnospermæ				
V. Phanerogamæ		4. Monoepigynæ		B. Monocotyledones	LXXXI.—LXXX	52
		3. Monoperigynæ			LXXXI.—LXXXVI.	54
		2. Monohypogynæ			LXXXVII.—XCI.	57
VI. Cryptogamæ				A. Acotyledones	XCII. XCIII.	67
** Cellulares seu Acotyledoneæ						
VII. Cellulares		1. Acotyledones			XCIV.—XCVIII.	70

