

Reginald L. Hine F.S.A.

William Bury  
Letchworth

N.B. Author's copy with numerous additions  
in his hand & that of his wife.





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- ~~Jungmannia~~ ~~laevigata~~
- ~~multispina~~
- x ~~Phasium~~ ~~bryoides~~
- x ~~Lichen~~ ~~arenarius~~
- x ~~Lichen~~ ~~punctiformis~~
- x ~~Bryum~~ ~~fenne~~
- ~~Hypnum~~ ~~curtipendulum~~
- x ~~Jungmannia~~ ~~laevigata~~
- x ~~Bryum~~ ~~infusens~~
- x ~~annulinum~~
- x ~~Lichen~~ ~~inclusus~~
- x ~~corticalis~~
- x ~~luteus~~
- x ~~tremelloides~~
- x ~~Bryum~~ ~~fallax~~
- x ~~fragile~~
- x ~~denicum~~
- x ~~Hypnum~~ ~~denticulatum~~
- ~~Godium~~ ~~moschatum~~
- ~~Maba~~ ~~murata~~
- ~~Clia~~ ~~pubescens~~



Plants already collected  
for a supplement. Nov. 1799.

~~Bestiaria multiflorus~~

~~Chenopodium glaucum~~

~~Gemma retusifolia~~

~~Calceopsis vesicatos~~  
Posater Wood between Hawses & Hitchin

~~Conium Batulus~~

~~Lactuca rosea~~

~~Luton &~~

Barton.

~~Prunella muralis~~

near Hitchin on the road  
to London.

~~Eriophorum angustifolium~~

~~Aleum nodatum~~

~~Festuca tenuifolia~~

~~Panicum <sup>lobatum</sup> ~~frimifolium~~~~

~~Euphasia <sup>lyperisifolia</sup> ~~lyperisifolia~~~~

~~Rosa villosa~~

~~Hebe villosa~~

~~— sativa~~

~~— <sup>lyperisifolia</sup> ~~lyperisifolia~~~~

~~— <sup>lyperisifolia</sup> ~~lyperisifolia~~~~

~~Lactuca <sup>scariola</sup> ~~scariola~~~~

~~Camptophyllum <sup>decursum</sup> ~~decursum~~~~

~~Salix <sup>angustata</sup> ~~angustata~~~~

~~— cinerea~~

~~— <sup>acuminata</sup> ~~acuminata~~~~

\*Ruscus aculeatus.

\*Taxus baccata 16

Crypt.

\*Phasium crispum

\*— muticum.

\*Bryum imberbe.

Inarchantia conica.

\*Lichen hebraicus.

\*— graniformis 20

\*— confusus

\*— tessellatus

\*— chartaceus

\*— emarginatus 28

Lichen

x-coarctatus

x-hamatomma.

x-byssinus

x-lerinus

x-<sup>30</sup>sinuosus - 30

x-crenulatus.

x-palmatus

x-hispidus. D

x-Agaricus lobatus.

x-opacus.

x-Boletus bicaris.

Periza junci.

x-inclinans

x-lunata.

x-Spharia miniata 40-

\*Lichen dendriticus

x-pulverulentus.

x-<sup>30</sup>superstris.

x-Tremulis muscigenus.

x-Agaricus miniatus

x-polygrammus.

x-turfosus

x-nitans.

x-tremulus x

\*Periza aurea 50

\*Clavaria gracilis.

x-Auricularia pulverulenta

x-Trichia sphaerocephala.

x-Boletus pectinatus

x-Jungernania cinerea



*Lichen limbatas.* 50. *Agaricus mutabilis.* *Cliff. Hill.*  
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*pelleporus -* X *Agaricus collinitus.*  
*rubeolaris.* X *deliciosus.* ?  
*Sphæria decorticans* 9. F. *Agaricus hybridus*  
*tentaculata* 9. F. *Ag. scaber* 9. F.  
*Agaricus vaginatus* 69. *Lichen Spharoides*  
*Chara hispida.* *Agaricus acicula* *Dickson.*  
*Bromus diandrus* 8. F. 282.  
*Bosa lanata* *Agaricus monstruosus* 8. F. 283.  
*Periza muscula.* *Ag. racemosus.*  
*Mentha agrestis.* 8. F. 287.  
*Agaricus vaginatus.* 80.  
*Mentha viridis* *Boletus hybridus* 8. F. 289.  
*Rubus corymbosus* X *Auricularia aurantiaca* 8. F. 291.  
*Galanis canariensis* *Lycoperdon equinum* 8. F. 292.  
*Valeriana rubra* X *Sphæria conocephala*  
*Doris autumnalis* X *bifrons.*  
*Vicia subsea.* *Rigidium laceratum.*

# FLORA BEDFORDIENSIS,

COMPREHENDING SUCH PLANTS  
 AS GROW WILD IN THE COUNTY OF  
**BEDFORD,**  
 ARRANGED  
 ACCORDING TO THE SYSTEM OF LINNÆUS,  
 WITH OCCASIONAL REMARKS.

BY  
**CHARLES ABBOT, M.A. F.L.S.**  
 CHAPLAIN TO THE  
 RIGHT HON. THE MARQUIS OF TWEEDALE,  
 VICAR OF OAKLEY RAYNES IN BEDFORDSHIRE,  
 AND LATE FELLOW OF NEW COLLEGE, OXFORD.

"Full many a gem of purest ray serene  
 "The dark unfathom'd caves of Ocean bear:  
 "Full many a flower is born to blush unseen,  
 "And waste its sweetness on the desert Air."  
*Gray's Elegy.*

**Bedford:**  
 PRINTED AND SOLD BY W. SMITH;  
 MAY BE HAD OF THE BOOKSELLERS IN OXFORD  
 & CAMBRIDGE, AND OF G. G. & J. ROBINSONS, LONDON.

1798.



*Epistle Dedicatory.*

**To the Queen.**

M A D A M,

**T**HE condescension manifested by YOUR MAJESTY in permitting your name to adorn and sanction the pages of the following Work, cannot but inspire some degree of confidence in the heart of the Author, conscious as he is of the inadequate value of the offering. — To the august Patroness of the "*HORTUS KEWENSIS*,"



whose scientific researches have justly obtained for her the character of the first female Botanist in the wide circle of the British Dominions, a character still farther embellished by the display of every domestic and relative Virtue, this Volume, chiefly designed for the amusement and instruction of that sex, which boasts **YOUR MAJESTY** as it's most distinguished Ornament, is humbly dedicated by

MADAM, Your MAJESTY's

Most devoted,

Most dutiful

And obedient Servant,

*Charles Abbot.*

BEDFORD, Nov. 20th. 1798.



WHEN, in pursuit of his favorite Amusement, the Botanist ranges with eager step amid the wild scenery of nature to pluck some simple flowret that has hitherto escaped observation, the World, disdainful of his humble Toil, marks him as a sort of phænomenon whose "extravagant and erring Spirit" wanders from the common track of human Life without any rational end or object. — But whatever branch of Science is the source of entertainment or instruction has it's use and importance: and the study of Botany exhibits to our view a succession of wonders, which tend to enlarge our knowledge and to heighten our admiration of the works of nature, and more especially of the Power Wisdom and Goodness of their omnipotent Author:

"These are thy glorious Works, Parent of Good"!

Such reflections ought surely to awe the caviller into silence, whilst they induce the candid to spread the broad shield of public protection over the labours of the Botanist. — Impressed

with



with these sentiments the fair daughters of Albion have evinced a zeal and ardour in Botanical researches which have not only done the the highest honor to themselves, but have eminently contributed to rescue these pursuits from unmerited reproach, to elevate them into reputation, and to impart to them, if not a superior value, at least a superior currency and fashion. — That such excellence should have been attained in this branch of science by so many of the female sex, notwithstanding the disadvantages they labour under from the want of scholastic and technical instruction, is a convincing proof of the liberality with which Nature has endowed the female mind: and how little reason there is to suppose that their intellectual are from any other cause than want of cultivation, in any degree inferior to their personal accomplishments. In the work now before the public, although the technical terms are in a great measure softened and Anglicized, the Author has by no means the presumption (like some of his more adventurous cotemporaries) to attempt to new-model the Linnæan System, than which for the extension of Botanical knowledge, no other or better foundation can possibly be laid. — The several Universities of Oxford and Cambridge are indebted to the indefatigable researches of men of eminence and learning for the exhibition of their respective Floras. — The present publication forms

a connecting link between the two, comprehending an extensive district in the very center of England, where the GODDESS has scattered her beauties with the gayest and most partial profusion. — Nor is it from a transient or careless view of this delightful tract that the following work is composed. — Many of the specimens have been brought into his own garden, where under the constant superintending care of a fair Associate, ( whose assistance it would be injustice not gratefully to acknowledge ) their various properties and manner of growth have been daily and hourly presented to his observation. — To the same amiable and interesting partner of his pursuits and labours he is also indebted for the preparation of an HERBARIUM, the admiration of all who have knowledge and judgment to discern it's superior beauty and excellence. — But this is only one of the innumerable obligations, for which he is proud to acknowledge himself indebted to her assiduity and attachment. — To the Rev. T. MARTYN, Professor of Botany in the University of Cambridge, his thanks are due for an able and candid revision of his work, the XXIVth. Class excepted. — To the Right Honorable the COUNTESS of UPPER-OSSORY, for the very generous occasional loan of books from her Ladyship's collection: and lastly, since a late mournful event forbids the public exhibition of his thanks, he deems

it



it both his duty and his pride thus to acknowledge the constant and free access he has had to the valuable and well-furnished Library of his late regretted friend THOMAS VAUX, Esq. of Bedford. — Upon the whole the author submits his work to the public with unfeigned respect and diffidence; and he hopes the Linnæan Society, of which he has the honor to be a member, will excuse the mode in which it now appears, in consideration of the motives, which induce him to consult as a leading object the convenience and accommodation of that Class of his Readers, who though comparatively and in the common acceptation of the term unlearned, may not and ought not on that account to be regarded as un-initiated, or as unenlightened.

C. A.

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 b *Jacquin.*



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CLASSICAL

CLASSICAL ABBREVIATIONS. xi

Mo.	Monandria.		
Di.	Diandria.	X <i>Jesomia</i>	
Tri.	Triandria.	X <i>Crocus</i>	
Tetr.	Tetrandria.	X <i>Alchemilla</i>	
Pen.	Pentandria.	X <i>giola, Pimula</i>	
Hex.	Hexandria.	X <i>Maripans</i>	
Oct.	Octandria.	X <i>Daphne, S. Sae</i>	
Enn.	Enneandria.		
Dec.	Decandria.		
Dodec.	Dodecandria.		
Ico.	Icosandria.	X <i>Pimula</i>	
Poly.	Polyandria.	X <i>anacardium</i>	
Did.	Gymn. Didynamia.	Gymnospermæ.	X <i>Lanatum</i>
——	Ang.	——	Angiospermæ.
Monad.	Pentand.	Monadelph.	Pentandria.
——	Decand.	——	Decandria.
——	Polyand.	——	Polyandria.
Diad.	Hexand.	Diadelphia.	Hexandria.
——	Octand.	——	Octandria.
——	Decand.	——	X Decandria.
Polyad.	Polyand.	Polyadelph.	Polyandria.
Polyg.	Æq.	Polygamia.	Æqualis.
——	Super.	——	Superflua.
——	Necess.	——	Necessaria.
——	Frustra.	——	Frustranea.
	Gynand.	Gynandria.	
	Monoec.	Monoecia.	
	Dioec.	Dioecia.	
	Polyg.	Polygamia.	
And	Crypt.	Cryptogamia.	



xii CLASSICAL ABBREVIATIONS.

Mo. Di. Tri. Tetr. Pen. Hex. and Poly. serve also in the orders to express Monogynia, Digynia, Trigynia, Tetragynia, Pentagynia, Hexagynia and Polygynia.

However contrary to the author's wishes, it became necessary, in order to give the volume a more portable appearance, thus to abbreviate, and he is convinced that the scientific Botanist, wanting no such key to the explanation of the Botanical terms, will rather applaud than condemn it.

Angiospermae	_____	Ang.	_____
Monand. Pentand. Monadelphis. Pentandris.	_____	Monand. Pentand.	_____
Decandria.	_____	Decand.	_____
Polyandria.	_____	Polyand.	_____
Hexandria.	_____	Hexand.	_____
Octandria.	_____	Octand.	_____
Decandria.	_____	Decand.	_____
Polyandria. Polyadelphis.	_____	Polyand. Polyadelph.	_____
Æquis.	_____	Polygynia.	_____
Subcipit.	_____	Supr.	_____
Necessaria.	_____	Neces.	_____
Insular.	_____	Insular.	_____
Gynandria.	_____	Gynand.	_____
Monocia.	_____	Monoc.	_____
Dioecia.	_____	Dioec.	_____
Polygynia.	_____	Polyg.	_____
Cryptogamia.	_____	And Crypt.	_____

FLORA

FLORA DEPARTMENTIS.

5



FLORA BEDFORDIENSIS.

I Male. II Females. Mo. Di.  
Autumnal Starwort. — *C. autumnalis*  
All the leaves strap-shaped, nicked at the  
end, and the male and female organs in the same  
flower. — Linnæus. Fl. Pur. 38.  
Ditches, September, A. Common.

CLASS. I.

I Male. I Female. Mo. Mo.

*Mare's-tail.* HIPPURIS. Gen. Pl. 15.

Cup none, Blossom none, Stigma simple,  
1 Seed.

1. *Common Mare's-tail.* — *H. vulgaris.*

Leaves in eights, awl-shaped. — Curtis.

Fasc. IV. fig. 1. Flora Danica. tab. 87. *Sowerby. 763.*

Ditches, May, P. Common.

I Male. II Females. Mo. Di.

*Starwort.* CALLITRICHE. Gen. Pl. 17.

Cup none, Petals 2. Capsule 2-celled, 4 Seeds.

2. *Vernal Starwort.* — *C. verna.*

Upper leaves oval, male and female organs  
in separate flowers. — Flora Danica.

129. admirable. *Sowerby. 722.*

Ditches, April, A. Common.

B

Autumnal



I Male. II Females. Mo. Di.

3. Autumnal Starwort. — C. autumnalis.

All the leaves strap-shaped, nicked at the end, male and female organs in the same flower. — Loesel. Fl. Prus. 38.

Ditches, September, A. Common.

Note.

The three foregoing plants are all to be found in the ditches above Bedford, between the Town and Ford-End Farm.

C L A S S. II.

II Males. I Female. Di. Mo.

- Privet. LIGUSTRUM. Gen. Pl. 23.

Blossom 4-cleft, Berry containing 4 Seeds.

4. Common Privet. — L. vulgare.

Curtis. V. I. **Sowerby. 764.**

Woods, Hedges, Common, S. June.

Obs:

Leaves ovate, blunt, panicle single or three forked.

- Speedwell. VERONICA. Gen. Pl. 32.

Blossom with a border of 4 divisions, lower segment narrowest, Capsule of 2 divisions.

5. Common Speedwell. — V. officinalis.

Spikes lateral on fruit-stalks, leaves opposite, stem trailing. — Curtis. III. 1. admirable. Woodville. 219. **Sowerby. 765.**

Mountainous

one of Sowerby's desiderata.

Mountainous and Sandy Pastures, P. June, Rare.

Asper. — **Sowerby. 766.**

6. Small Speedwell. — V. angustifolia.

Bunches of leaves upright, spreading, flowers small, blue, capsule 2-cleft.

Curtis. V. I. **Sowerby. 767.**

Moist Meadows and Pastures, May, P. A. Common.

7. Small Speedwell. — V. angustifolia.

Bunches of leaves upright, spreading, flowers small, blue, capsule 2-cleft.

Curtis. V. I. **Sowerby. 768.**

Ditches and Pastures, May, A. Common.

8. Small Speedwell. — V. angustifolia.

Bunches of leaves upright, spreading, flowers small, blue, capsule 2-cleft.

Curtis. V. I. **Sowerby. 769.**

Ditches, July, P. Common.

9. Small Speedwell. — V. angustifolia.

Bunches of leaves upright, spreading, flowers small, blue, capsule 2-cleft.

Curtis. V. I. **Sowerby. 770.**

Ditches and Pastures, July, P. Common.

Asper. — **Sowerby. 771.**



II Males. I Female. Di. Mo.

Mountainous and Sandy Pastures, P. June,  
Rare.

*Aspley, — Amptbill, — Clopbill.*

6. *Smooth Speedwell.* — *V. serpyllifolia.*

Bunch of flowers terminal, recumbent on a  
spike, leaves ovate, smooth, scolloped. —

Curtis. I. 3. admirable. **Sowerby. 1075.**

Moist Meadows and Pastures, May, P.  
Common.

7. *Brooklime Speedwell.* — *V. Beccabunga.*

Bunches lateral, leaves flat, ovate, stem  
creeping. — Curtis. II. 3. **Sowerby. 655.**

Ditches and Rivulets, June, A. Common.

8. *Water Speedwell.* — *V. Anagallis.*

Bunches lateral, leaves spear-shaped, serrated,  
stem upright. — Curtis. V. 2. **Sowerby. 701.**

Ditches, July, P. Common.

9. *Narrow-leaved Speedwell.* — *V. scutellata.*

Bunches lateral, little fruit-stalks hanging  
down, leaves strap-shaped, seldom tooth-  
ed. — Curtis. V. 3. **Sowerby. 702.**

Turfy Bogs and Marshy Places, July, P. Rare.

*Fenlake, — Stevington, — Amptbill.*



II Males. I Female. I Di. Mo.

Mountains and Pastures, P. June. *Obs:*

Stem nearly upright, weak: bunches bearing many flowers, upper segment of the Blossom striped with blue Veins — Runners of the Root mostly barren, so as not to justify it's being called a creeping Plant.

10. *Germander Speedwell.* — *V. Chamædrys.*

Bunches lateral, leaves ovate, sitting, wrinkled, toothed, stem hairy on two sides. —  
Sowerby. 623. Martyn. 66. admirable. Curtis. I. 2.  
Pastures, May, P. Common.

11. *Mountain Speedwell.* — *V. montana.*

Bunches lateral, with few flowers, cups hairy, leaves ovate, wrinkled, scolloped, on leaf-stalks, stem limber. — Curtis. IV. 2.  
Hoffman. Ger. Flo. 1. Sowerby. 766.

Woods and Hedges, May, P. Rare.

*Eversholt.*

*Obs:*

Root greatly creeping, leaves deeply notched, Fruitstalks distinct and very long, flowers paler and fewer than in the *Chamædrys.*

12. *Garden Speedwell.* — *V. agrestis.*

Flowers single, leaves heart-shaped, jagged, shorter than the fruit-stalk. — Curtis. I. 1.  
Sowerby. 783.

Gardens and Fields, May, A. Common.

Wall



II Males. I Female. Di. Mo.

13. *Wall Speedwell.* — *V. arvensis.* Sowerby. 734.

Flowers single, leaves heart-shaped, jagged,  
longer than the fruit-stalk. — Curtis. II. 2.

Walls and Fields, May, A. Common.

14. *Ivy-leaved Speedwell.* — *V. hederæfolia.*

Flowers single, leaves heart-shaped, flat,  
5-lobed. — Curtis. II. 1. Sowerby. 784.

Fields, April, A. Common.

*Butterwort.* PINGUICULA. Gen. Pl. 40.

Blossom gaping, with a Spur. Cup 2-lipped  
5-cleft, capsule 1-celled.

15. *Common Butterwort.* — *P. vulgaris.*

Honey-cup cylindrical, the length of the  
Petal. — Sowerby. 70. admirable.

Bogs, May, P. Rare.

*Amphill Bogs.*

*Obs:*

*This Plant is of singular structure, — Stem bearing only  
one flower, nodding, blue, gaping, leaves rolled in, with a  
greasy appearance.*

*Bladderwort.* UTRICULARIA. Gen. Pl. 41.

Blossom gaping, with a Spur. Cup of 2 leaves,  
equal. Capsule 1-cell.

16. *Common Bladderwort.* — *U. vulgaris.*

Nectary conical, stalk with few flowers. —  
Sowerby. 253.

Ditches



6  
II Males. I Female. I Di. Mo.

Ditches and Stagnant Waters, July, P. Rare.

*A Ditch in Brombam Parish.*

First found by T. VAUX, Esq.

17. *Small Bladderwort.* — *U. minor.*

Nectary keeled. — *Flora Danica.* 428.

Sowerby. 254.

Bogs, June, July, P. Rare.

*Amphill,* — *Potton Marshes.*

*Water-Horebound.* LYCOPUS. Gen. Pl. 44.

Blossom of four divisions, one segment notched at the end, stamina distant; Seeds four, rounded.

18. *Common Water-Horebound.* — *L. europæus.*

Leaves indented and serrated. — *Curtis.*

III. 2. Sowerby. 1105 — .

Banks and Ditches, August, P. Common.

*Sage.* SALVIA. Gen. Pl. 50.

Blossom unequal. Threads fixed transversely to a little fruit-stalk.

19. *Meadow Sage.* — *S. pratensis.*

Leaves oblong, heart-shaped, scolloped, upper leaves embracing the stem: Flowers in whorls, almost naked: Helmet gummy in the Blossoms. — *Sowerby.* 153.

Dry



II Males. I Female. Di. Mo.

Dry Pastures, June, P. very Rare.

A Pasture near Ford-End Farm.

Found by the Rev. T. O. MARSH, F. L. S.

Obs:

Blossom labiate, upper Lip superbly arched, style bent inwards, stigma forked.

20. *Vervain Sage*. — *S. verbenaca*.

Leaves serrated, waved, rather smooth, Blossoms narrower than the Cup. — Sowerby.

154.

Path-ways and Road-sides, June. P. Common.

*Enchanter's Nightshade*. *CIRCEA*. Gen. Pl. 31.

Blossom 2 Petals. Cup 2 leaves, superior:  
Seed-vessel, 1 or 2 divisions.

21. *Common Enchanter's Nightshade*. — *C. lutetiana*.

Stem upright, bunches of flowers many,

leaves ovate. — Curtis. III. 3. Sowerby. 1056.

Woods, June, P. Common.

II Males. II Females. Di. Di.

*Vernal-Grass*. — *ANTHOXANTHUM*. Gen. Pl. 58.

Cup, Chaff of 2 valves, containing 1 flower;

Blossom, a Chaff of 2 valves, pointed.

Seed 1.

Sweet



II Males. II Females. Di. Di.

22. *Sweet Vernal-Grass.* — *A. odoratum.*

Spike ovate-oblong, florets on short fruit-stalks, longer than the Beard. — Curtis.

I. 4. Martyn. 23. **Sowerby. 647.**

Meadows and Pastures, May, P. Common.

C L A S S. III.

III Males. I Female. Tri. Mo.

\* *Flowers with Petals.*

*Valerian.* — *VALERIANA.* Gen. Pl. 60.

Cup none. Blossom hunched at the base on one side. superior: Seed 1.

23. *Marsh Valerian.* — *V. dioica.*

**Sowerby. 620.** Flowers diœcious, three-stamen'd, leaves winged, very entire. — Curtis. IV. 3.

Moist Meadows and Marshes, May, P. Rare.

*Caldwell, — Bromham, near the Mill.*

24. *Common Valerian.* — *V. officinalis.*

Flowers three-stamen'd, all the leaves winged. — Curtis. VI. **Sowerby. 698.**

Woods, June, P. Common.

25. *Corn-Sallad Valerian.* — *V. Locusta.*

**Sowerby. 811.** Flowers three-stamen'd, stem forked, leaves strap-shaped. — Curtis. V. 4. Martyn. 24.

Corn-fields, April, A. Common.

*Flag.*

23 X Red Valerian. *V. rubra*

Garden walls. July. Rare  
Potton. 1798.



III Males. I Female. I Tri. Mo.

Flag. IRIS. Gen. Pl. 79.

Blossoms with 6 divisions, petals alternate, bent back, the Stigmas resembling petals.

26. *Yellow Iris*. — *I. pseudacorus*.

Blossoms not fringed, inner petals smaller than the Stigma, leaves sword-shaped. —

Curtis. III. 4. Flora Danica. 494. admirable. **Sowerby. 578.**

Banks of Rivers and wet Ditches, June, P. Common.

27. *Stinking Gladwin Iris*. — *I. fœtidissima*.

Blossoms not fringed, inner petals expanding very much, stem with 1 angle; leaves sword-shaped. — Blackwell. 158. **Sowerby. 596.**

Hedges, July, P. Rare.

*Brombam*, — *Stevington*, — *Pavingham*.

Obs:

After flowering the triangular Germ opens and the Seeds, which are red adhering to the pericarp, are visible in that situation great part of Autumn and Winter.

\*\* *Flowers without Petals.*

*Bog-Rush*. SCHÆNUS. Gen. Pl. 92.

Husks chaffy, of 1 valve, rounded, blossom none, Seed 1. roundish within the Husks.

28. *Black Bog-Rush*. — *S. nigricans*.

Straw round, naked, head of flowers ovate, 1 valve of the 2-leaved fence long and awl-shaped. **Sowerby. 1126.**

Bogs



III Males. I Female. Tri. Mo.

Bogs, July, P. Rare.

*Amptbill Moor, — Potton Marshes.*

29. *White Bog-Rush. — S. albus.*

Straw nearly three-cornered, leafy, flowers in bundles, leaves bristle-shaped. — Flora Danica. 320. *Sowerby. 905.*

Bogs, July, P. Rare.

*Amptbill Moor, — Potton, — Aspley.*

*Club-Rush. SCIRPUS. Gen. Pl. 94.*

Husks chaffy, tiled all round. Blossom none: Seed 1. beardless.

30. *Marsh Club-Rush. — S. palustris.*

Straw round, naked; spike terminal and nearly ovate. — Flora Danica. 273. *Sowerby. 131.*

Banks of Rivers and wet Meadows, June, P. Common.

31. *Tall Club-Rush. — S. lacustris.*

Straw round, naked, spikes ovate, many in number, on fruit-stalks terminating. *Sowerby 666.*

Rivers, Ditches and standing Waters, July, P. Common.

Obs:

*A good figure of this Rush would be very desirable.*

32. *Dwarf Club-Rush. — S. cœspitosus.*

Straw

*one of Sowerby's desiderata.*

\* 29 *Compressed Bog-Rush. — S. compressus.*

Stem roundish, naked, spike two-ranked shorter than the bractea, which is simple, spikelets many: flowered-leaves flat.

*English Botany —*

*Sowerby. 791.*

*Bogs and meadows. June. P. rare.*

*Potton Marshes & Fenlake Bog —*

*one of Sowerby's desiderata.*

30 \* *Least Club-rush. — S. acicularis.*

Straw with 4 angles, spike ovate solitary terminal, sheath at the base of the spike blunt.

*Sowerby. 749.*

*Marshy places Aug. P. rare*

*Ford End meadow.*



III Males. I Female. Tri. Mo.

Straw scored, naked, spike terminating with 2 valves the length of the Cup. Roots divided by scales. — Flora Danica. 167. Sowerby. 1029

Bogs and Marshes, July, P. Rare.

*Amptbill and Flitton Moors.*

33. *Least-Club-Rush.* — *S. setaceus.* Sowerby. 1693.

Straw bristle-shaped, naked, spikes lateral, sitting, almost double. — Flora Danica. 311.

Wet Places, July, A. Rare.

*Amptbill Moor,—Near Brombam Bridge.*

*Cotton-Grass.* ERIOPHORUM. Gen. Pl. 95.

Husks chaffy, tiled all round; Blossom none, Seed 1. surrounded with very long Wool.

34. *Many-beaded Cotton-Grass.* — *E. polystachion.*

Straws round, leaves flat, spikes on fruit-stalks. — Curtis. IV. 9. Sowerby. 56B.

Bogs, April, P. ~~not uncommon.~~ Rare

~~Amptbill Moor. — Stevington Bogs.~~

\*\*\* Flowers Grass-like.

*near Dunstable.*

*H. Dickson.*

*Mat-Grass.* NARDUS. Gen. Pl. 97.

Cup none: Blossom of 2 valves.

35. *Mat Weed.* — *N. stricta.*

C 2

Spike

for places read places.

\* 34. Narrow-leaved Cottongrass.

*F. angustifolium.*

Stem round, leaves channeled, triangular at the tip: Spikes several on flower stalks.

Sowerby. 564.

English Botany.

Bogs - April P. Common.

Obs:

The Botanist, is desired to seek for this plant near Dunstable and to erase the habitats given in the former edition of this work, it being now admitted that the former is the rare and this the common species.



III Males. I Female. Tri. Mo.

Spike bristle-shaped, upright, flowering on one side. — Martyn. 27. excellent. Sowerby. 290. well designed.

Heaths, June, P. Common.

III Males. II Females. Tri. Di.

*Fox-tail.* ALOPECURUS. Gen. Pl. 102.

Cup 2 valves. Blossom 1 valve.

36. *Meadow Fox-tail.* — A. pratensis.

Straw upright, spiked; chaff woolly, blossoms without awns. — Martyn. 6. good.

Curtis. V. 5. **Sowerby. 759.**

Meadows and Pastures, June, P. Common.

37. *Jointed Fox-tail.* — A. geniculatus.

Spiked, straw uninterrupted, blossoms awnless. — Martyn. 97. Curtis. V. 6.

**Sowerby. 1250.**

Moist Meadows, sides of Ponds, June, P. Common.

38. *Field Fox-tail.* — A. agrestis.

Spiked, straw upright, husks smooth. — Martyn. 22. Curtis. II. 7. A. myosuroides.

**Sowerby. 848.**

Cornfields, June, A. too common.

*Cal's-Tail.* PHLEUM. Gen. Pl. 109.

Cup 2 valves, sitting, strap-shaped: lopped. point bifid; blossom 2 valves inclosed.

*Meadow*



\* 39. Knobby rooted Cat's tail - *P. nodosum*.

Spike cylindrical, stem ascending, leaves oblique, root bulbous—

Road Sides July. P. Common.

\* 40 Birds Canary Grass *P. canariensis*.

Panicle nearly ovate, in the form of a spike, chaff boat shaped.

Sowerby. 1310.

May. July. R. Rare.

S Mill and Offa Lane. Bedford.  
1799.

III Males. II Females. Tri. Di.

39. Meadow Cat's-Tail. — *P. pratense*.

Spike cylindrical, very long, fringed, straw upright. — Martyn. 5. **Sowerby. 1076.**

Meadows and Pastures, July, P. Common.

Canary-Grass. PHALARIS. Gen. Pl. 106.

Cup of 2 valves, with 1 flower, the small valves nearly equal, blossom very short, stigmas feather-shaped.

40. Reed Canary-Grass. — *P. arundinacea*.

Panicle oblong, bellied. — Flora Danica. 259.

Rivers and Ditches, July, P. Common.

Millet-Grass. MILVUM. Gen. Pl. 110.

Cup of 2 valves, with 1 flower, the small valves nearly equal, blossom very short. Stigmas feather-shaped.

41. Wood Millet-Grass. — *M. effusum*.

Flowers paniced, scattered, awnless.

Curtis. IV. 12. **Sowerby. 1106.**

Woods, May, P. Common.

Bent-Grass. AGROSTIS. Gen. Pl. 111.

Cup 2 valves, 1 floret, somewhat smaller than the Blossom, Stigmas longitudinally rough with Hair.

Broom

for Milium read Milium



III Males. II Females. Tri. Di.

42. *Brown Bent-Grass.* — *A. canina.*

Panicle expanding, Blossom bare, 1 of the valves twice as long as the other, awned: Awn from the back straightish. — Leers. tab. IV. fig. 2.

Heaths and Meadows, July, P. Rare.

*Amptbill Warren,—Sandy Heath.*

43. *Silky Bent-Grass.* — *A. spica-venti.*

Sowerby. 951. Awn straight, stiff, very long, fixed to the outer petal, panicle expanding.

Cornfields, June, A. Rare.

*Ford-End Farm,—Luton Downs.*

44. *Creeping Bent-Grass.* — *A. stolonifera.*

Branches of the panicle spreading, naked, culm creeping, cups equal. — Martyn. 120. Cornfields, July, P. Rare.

S, Sowerby. 1532. *St. Leonard's Farm, near Bedford.*

45. *Fine Bent-Grass.* — *A. capillaris.*

Sowerby. 1671. Panicle hair-like, expanding; cups awl-shaped, equal, rather rough, colored, florets awnless. — Flora Danica. 163.

Pastures and Woods, June, P. Common.

46. *White Bent-Grass.* — *A. alba.*

Panicle loose, cups awnless, equal, straw creeping.

Bogs



III Males. II Females. Tri. Di.

Bogs and wet Meadows, June, P. Common.

*Hair-Grass.* AIRA. Gen. Pl. 112.

Cup 2 valves, containing 2 florets without the Rudiment of a third between them.

47. *Water Hair-Grass.* — *A. aquatica.*

Panicle expanding, florets awnless, smooth, longer than the cups, leaves flat. — Curtis.

I. 5. **Sowerby. 1557.**

Ditches and Road-sides, June, P. Common.

48. *Turfy Hair-Grass.* — *A. caespitosa.*

Leaves flat, panicle expanding, petals woolly and awned at the base; awn straight, short.

**Sowerby. 1453.**

Moist Woods and Pastures, June, P. Common.

49. *Heath Hair-Grass.* — *A. flexuosa.*

Leaves bristle-shaped, straws nearly naked, panicle diverging, fruit-stalk zigzag. —

Flora Danica. 147. Leers. V. 1. **Sowerby. 1519 —**

Heaths, July, P. Common.

50. *Early Hair-Grass.* — *A. praecox.*

Leaves bristle-shaped, sheaths angular, flowers between paniced and spiked, florets awned at the base. — Curtis. III. 7.

**Sowerby. 1296.**

Heaths, April, May, A. Rare.

*Amptbill Heath, — Rotoney Warren.*

Obs:



## III Males. II Females. Tri. Di.

*Obs:* This dwarf Plant seldom attains to the height of more than 3 Inches, is easily ascertained by the prostrate manner of it's growth, and 2-awned spicula.

## 51. Silver Hair-Grass. — A caryophyllea.

Leaves bristle-shaped, panicle diverging, florets awned, distant. — Flora Danica.

Sowerby. 812. 382. Leers. V. 7. Curtis. VI.

Heaths, July, A. Rare.

*Amptbill*, — *Husborne-Crawley*.

## Melic-Grass. MELICA. Gen. Pl. 113.

Cup 2 valves, containing 2 florets. Rudiment of a third flower between the florets.

## 52. Blue Melic-Grass. — M. cærulea.

Panicle compact, flowers cylindrical. —

Curtis. V. 11. Sowerby. 750.

Moist Heaths, August, P. Rare.

*Amptbill*.

*Obs:*

Root fibrous, straw from half a foot to a foot in length, leaves sheathing at short intervals from the bottom of the Straw. Spike loose, anthers purple, spikelets ovate.

## 53. Single-flowered Melic-Grass. — M. uniflora.

Panicle not crowded, cups with 2 florets, 1 hermaphrodite, the other neuter. — Martyn.

64. admirable. Curtis. V. 10. Sowerby 1058.

Woods



III Males. II Females. Tri. Di.

Woods, May, P. Common.

Obs:

Habit of this Grass generally inclining, leaves broad, mostly open, sometimes rolled in: Cup of 2 leaves pointed, concave; Anthers yellow.

Meadow-Grass. POA. Gen. Pl. 114.

Cup 2 valves, containing many florets. Spikelets ovate, valves skinny-edged, rather pointed.

54. Water Meadow-Grass. — *P. aquatica*.

Panicle spreading, spikelets strap-shaped, containing 6 flowers. — Curtis. V. 12.

Leers. V. 5. Sowerby 1315. —

Banks of Rivers, Ditches, August, P. Common.

Obs:

The most gigantic of all the Meadow-Grasses. Panicle a foot in length, at first close, afterwards spreading, Spikelets ovate, Germ ovate, smooth.

55. Rough-stalked Meadow-Grass. — *P. trivialis*.

Panicle spreading, spikelets containing 3 florets, downy at the base, straw straight, round. — Curtis. II. 6. Leers. VI. 2. Sowerby 1072

Meadows and Pastures, June, P. Common.

D

Narrow-leaved



III Males. II Females. Tri. Di.

56. *Narrow-leaved Meadow-Grass.* - *P. angustifolia.*

Panicle spreading, spikelets containing 4 florets, downy, straw straight, round. — Leers. VI. 3.

Woods and Hedges, June, P. Rare.

Clapham Lane.

57. *Smooth Meadow-Grass.* — *P. pratensis.*

Panicle spreading, spikelets containing 5 florets, smooth, straw straight, round. — Curtis. II. 5. Sowerby. 1073.

Walls and Meadows, May, June, P. Common.

58. *Annual Meadow-Grass.* — *P. annua.*

Panicle spreading horizontally, spikelets blunt, straw obliquely compressed. —

S Sowerby. 1141. Curtis. I. 6. admirable. Martyn. 98.

Meadows and Road-sides, April, A. Common.

59. *Hard Meadow-Grass.* — *P. rigida.*

Panicle spear-shaped, somewhat branched, flowering on one side, branches alternate, flowering on one side. — Curtis. II. 4.

Sowerby. 1371.

Walls and dry Places, May, A. Common.

60. *Flat-stalked Meadow-Grass.* - *P. compressa.*

Panicle flowering on one side, compact, straw oblique, compressed. — Flora Danica.

742. Sowerby. 365. Leers. V. 4.

Walls

*Veronica montana.*

*Centunculus minimus.*

*Laginia erecta.*

*Pulmonaria officinalis.*

*Lysimachia nemorum.*

*Anagallis coerulea.*

*Campanula latifolia.*

*Caucalis daucoides*

*Caucalis latifolia.*

*Trifolium segetum.*

*Drosera anglica.*

*Ornithogalum pyrenaicum*

*Convallaria multiflora.*

*Rumex aureus*

*Polygonum bistorta.*

*Dianthus deltoides* - *Ranunc.*

*Lithrum hyssopifolium*

*Rosa villosa.*

*Geum rivale*

*Ranunculus pauciflorus.*

*Helleborus fatidus*

*Mentha sylvestris.*

*Lathraea squamaria.*

*Limosella aquatica.*

*Geranium phœum*

*Lathyrus hirsutus.*

*Vicia sylvatica*

*Trifolium subterraneum.*

*Trifolium ochroleucum*

*Trifolium filiforme.*

*Lactuca scariola.*

*Hieracium umbellatum.*

*Hypochaeris glabra.*

*Agrostis minima.*



*Inula pulicaria.*  
*Viola palustris.*  
*Ophrys spiralis.*  
*Ophrys muscivora.*  
*Thalassia palmata.*  
*Hydrocharis M. rana.*  
*Ruscus aculeatus.*

III Males. II Females. Tri. Di.

Walls, June, P. Common.

61. *Wood Meadow-Grass.* — *P. nemoralis.*

Panicle tapering, spikelets nearly three-flowered, pointed, rough, straw bent inwards. — *Flora Danica.* 749. *Leers.* V. 3.

Woods, June, P. Rare. **Sowerby.** 1265.

*Clapham-Park Wood.*

62. *Loose Meadow-Grass.* — *P. distans.*

Panicle with subdivided branches, spikelets containing 5 florets, florets distant, blunt. —

*P. retroflexa.* *Curtis.* VI. **Sowerby.** 986.

Watery Places, June, P. Rare.

*Clapham Lane.*

63. *Crested Meadow-Grass.* — *P. cristata.*

Panicle spiked, cups somewhat hairy, about 4 florets in each, longer than the fruit-stalk, petals awned. *Leers.* V. 6. **Sowerby.** 648. 650.

Dry Pastures, June, P. Common.

*Quaking-Grass.* *BRIZA.* *Gen. Pl.* 115.

Cup 2 valves, containing many florets, little spikes in 2 rows, valves heart-shaped, blunt, inner valve smallest.

64. *Middle Quaking-Grass.* — *B. media.*

Spikelets ovate, cup shorter than the florets. —

*Flora Danica.* 253. *Sowerby.* 340. *Martyn.*

39.

D 2

Dry



III Males. II Females. Tri. Di.

Dry Meadows and Pastures, July, P. Common.

Cock's-foot-Grass. DACTYLIS. Gen. Pl. 117.

Cup 2 valves flat, 1 valve larger, keeled.

65. Rough Cock's-foot-Grass. — D. glomerata.

Panicle crowded, flowering on one side. —

Sowerby. 335. Martyn. 14.

Meadows, Pastures, July, P. Common.

Fescue-Grass. FESTUCA. Gen. Pl. 119.

Cup 2 valves, spikelet oblong, almost cylindrical, chaff pointed.

66. Sheep's Fescue-Grass. — F. ovina.

Panicle flowering on one side, compact, awned, straw four-square, almost naked, leaves bristle-shaped. — Leers. VIII. 3.

Martyn. 102. admirable. Sowerby. 585.

Dry Pastures, June, July, P. Common.

67. Hard Fescue-Grass. — F. duriuscula.

Panicle flowering on one side, oblong: spikelets oblong, smooth, leaves bristle-shaped. — Sowerby. 470. Flora Danica. 848.

Dry Pastures, June, July, P. Common.

68. Purple Fescue-Grass. — F. rubra.

Panicle

\* 66. Fine Sheep's Fescue. F. tenuifolia.

Leaves bristle-shaped, rather long, erect:

Straw naked, spikelets roughish.

Leers. VIII 4.

Dry spots, June P. Rare.

Milton Brays.

Obs:

The want of awns, and the roughness of the spikelet, seem to form a sufficient specific character, and indeed to justify the late professor Sibthorpe in keeping it separate from F. ovina.

one of Sowerby's desiderata. Sent.



\* 72 Darnel Fescue - F. Lohacea.

Spiked, Spikelets ~~+~~ alternate, ~~order~~,  
sitting, compressed, awnless. Hudson.

Curtis. VI. f.

Moist Meadows - June. Rare.

Inian's pasture - Oakley -  
Meadows near Oakley House.

Obs:

Resemblance between that of the Lohacea  
perenne, and F. elatior: The  
absence of the inner calyx-valve  
and the hollow in that case  
visible in the rachis for the re-  
ception of the spikelet mark.  
The species, and at once put an  
end to that confusion which is at  
first caused in the systematic  
Botanist, when he finds in a  
hybrid production the two distinct  
characters of its unnatural parents.

III Males. II Females. Tri. Di.  
Panicle flowering on one side, rough:  
spikelets containing 6 florets, awned; last  
floret awnless, culm half cylindrical. —  
Stillington. tab. IX. Leers. VIII. 1.  
Hills, July, P. Rare.

Luton Downs, — Barton Hill.

69. Wall-Fescue-Grass. — F. myurus.

Panicle spiked; cups very small, awnless:  
florets rough; awns long. — Leers. III. 5.  
Walls, May, A. Rare: **Sowerby. 1412.**

Oakley Walls.

70. Meadow Fescue-Grass. — F. pratensis.

Panicle flowering on one side, oblique: **Sowerby. 1592.**  
spikelets nearly strap-shaped, awnless,  
leaves flat. — Martyn. 84. Curtis. VI.  
Meadows, June, July, P. Common.

71. Tall Fescue-Grass. — F. elatior.

Panicle spreading, spikelets ovate, pointed, **Sowerby. 1593.**  
leaves broad. — Leers. VIII. 6. Curtis. VI.  
Meadows and Pastures, June, July, P.  
Common.

72. Flote Fescue-Grass. — F. fluitans.

Panicle branched, straight, spikelets nearly  
sitting, cylindrical, awnless. — Curtis. I.  
7. admirable. Martyn. 113. **Sowerby. 1520.**

Wet



III Males. II Females. Tri. Di.

Wet Ditches and Ponds, June, P. Common.

Obs:

The most succulent of the Grass tribe, affording an excellent Fodder for Cattle.

73. Decumbent Fescue-Grass. — F. decumbens.

Panicle straight, spikelets nearly ovate, awnless, cup larger than the florets, straw

Sowerby 792. leaning. — Flora Danica. 162.

Pastures and dry Heaths, July, P. Rare.

Mouse's Pasture, near Bromham.

74. Wood Fescue-Grass. — F. sylvatica.

Spiked, spikelets alternate in 2 rows, sitting, awned. — Flora Danica. 164.

Woods and Hedges, July, P. Common.

75. Spiked Fescue-Grass. — F. pinnata.

Spiked, nearly 2-rowed, spikelets alternate, round, nearly awned. — Leers. X. 3.

Hedges, July, P. Rare.

Clapham between Woods.

Obs:

Joints smooth, silvery, spikelets not (as in the preceding) pressed close to the spike-stalk, but very distant.

Brome Grass. BROMUS. Gen. Pl. 120.

Cup of 2 valves, spikelet oblong, cylindrical, in 2 rows. Awns arising from beneath the End.

76. Field Brome-Grass. — B. secalinus.

Broom

III Males. II Females. Tri. Di.

one of Sowerby's desiderata. sent.

\* 76

Downy Rye Brome Grass. B. multiflorus.

Panicle expanding, fruit stalks nearly simple, spikelets ovate: lance shaped compressed containing fifteen florets, glumes somewhat filed, nearly cylindrical — Leers. XI. 2.

Fields & Roadsides. July. A. Rare.

Maulden — Chicksands.



\* Diandrous Brome-Grass

B. diandrus.

70. Corn Brome-Grass. B. arvensis.

Panicle spreading, its stalks branched  
Spikelets lanceolate, about 8 flowered  
Florets elliptical, imbricated, depressed,  
Smoothish - P. Botany. Sowerby. 920.

Borders of fields, June. P. rare

Clapham Hill - Church Yard Walls.  
Hevington

Rising Ground behind Clapham  
June. 1799. Church

III Males. II Females. Tri. Di.

Panicle expanding, spikelets ovate, awns  
straight, seeds distinct. Leers. XI. 2. Sowerby. 1176.

Cornfields, May, A. Rare.

Bury Field, near Bedford.

77. Soft Brome-Grass. — B. mollis.

Panicle rather straight, spikelets ovate,  
downy. Awns straight, leaves woolly,  
very soft. — Curtis. I. 8. Martyn. 99. Sowerby. 1078.

Walls, Pastures, May, A. Common.

78. Corn Brome-Grass. — B. arvensis.

Panicle nodding, <sup>spreading, its stalks branched, spike-</sup>  
lets lanceolate, about 8 flowered, Florets  
elliptical, imbricated, depressed, smoothish  
Flora Danica, 293. Leers. XI. 3.  
Pastures, June, P. Rare.

Sowerby. 920. Clapham Hill - P. Botany  
Bromham Grange Farm.  
Borders of Fields,

79. Barren Brome-Grass. — B. sterilis.

Panicle spreading, spikelets oblong, in two  
rows, chaff with awl-shaped awns. — Curtis.

I. 9. Martyn. 125. Sowerby. 1030.

Walls and Hedges, June, A. Common.

80. Rough Brome-Grass. — B. hirsutus.

Panicle nodding, rough, spikelets strap-  
shaped, containing to florets, awns straight,  
sheaths of the leaves hairy. — Curtis. II. 8.

Martyn. 126. Sowerby. 1172.

Woods, Hedges, July, P. Common.



III Males. II Females. Tri. Di.

81. Tall Brome-Grass. — *B. giganteus*.

Panicle nodding, spikelets with 4 florets, shorter than the awns. — Curtis. V. 7. Leers. X. 1.

Woods and Hedges, July, P. Rare.

*Brombam*,—Hazel-wood Lane.

Oat-Grass. AVENA. Gen. Pl. 122.

Cup of 2 valves, many-flowered, with a twisted awn on the back.

82. Bearded Oat-Grass. — *A. fatua*.

Panicled, cup with 3 florets, all awned and hairy at the base. — Martyn. 81. admirable. Leers. IX. 4.

Cornfields, July, A. Common.

83. Rough Oat-Grass. — *A. pubescens*.

Almost spiked, cups with about 3 florets, hairy at the base, leaves flat, downy. — Ray's Synopsis. tab. XXI. fig. 2.

Sowerby. 1640.

Pastures, June, P. Common.

84. Meadow Oat-Grass. — *A. pratensis*.

Panicle undivided, chaff with 5 florets, leaves rolled in, naked. — Ray's Synopsis. XXI. 1.

Dry Pastures, July, P. Common.

Yellow



III Males. II Females. Tri. Di.

85. *Yellow Oat-Grass.* — *A. flavescens.*  
Panicle loose, cups short, 3 florets in each,  
all awned. — Curtis III. 5. Martyn 112. **Sowerby. 952.**  
Meadows, Pastures, June, P. Common.

86. *Tall Oat-Grass.* — *A. elatior.*  
Panicked, cups with 2 florets, the one with  
both male and female organs nearly awn-  
less; the other with only male, awned. —  
Curtis. III. 6. Martyn. 7. **Sowerby. 913.**

Obs:

*I have observed with regret, this Plant arranged with the  
Holci, it were better, if Linnæus must be departed from,  
to return the Holci to their natural station amongst the  
triandrous Grasses.*

*Reed-Grass.* ARUNDO. Gen. Pl. 1261.

Cup, 2 valves. Florets crowded, surround-  
ed with wool.

87. *Common Reed-Grass.* — *A Phragmites.*  
Panicle loose, cups with 5 florets. — Sow-  
erby. 401.

Wet Ditches and Banks of Rivers, July, P.  
Common.

88. *Wood Reed-Grass.* — *A Calamagrostis.*  
Cups with 1 floret, smooth. Blossoms downy,  
straw branched. — *Flora Danica.* 280.  
Sowerby. 403.



III Males. II Females. Tri. Di.

Woods, June, P. Rare.

*Sheer-batch Wood.*

89. *Small Reed-Grass.* — *A. epigejos.*

Cups with 1 floret, panicle straight, leaves smooth underneath. — Sowerby. 402.

Woods, July, P. Rare.

*Maulden Wood.*

*Darnel-Grass.* LOLIUM. Gen. Pl. 126.

Cup 1 leaf fixed, containing 1 floret.

90. *Perennial Darnel-Grass.* — *L. perenne.*

Spike awnless, spikelets flat, with many flowers. — Sowerby. 315. Martyn. 4.

Pastures, June, P. Common.

91. *White Darnel-Grass.* *L. temulentum.*

Spike awned, spikelets flat, with many flowers. — Leers. XII. 2. Martyn. 33.

Sowerby 1124.

Cornfields, July, A. Rare.

*Near Fenlake.*

*Barley.* HORDEUM. Gen. Pl. 129.

Cup lateral, 2 valves, 1 floret: Cup trifid.

92. *Wall Barley.* — *H. murinum.*

Florets on the side, male ones awned, intermediate fences fringed. — Curtis. V. 9.

Martyn. 43.

Walls

*Oat fields near Crow Hills to the East*



III Males. II Females. Tri. Di.

Walls and Road-sides, June, P. Common.

93. *Wood-Barley*. — *H. sylvaticum*.

All the florets with male and female organs, awned: fences growing together at the base, shorter than the awn. — Martyn. 45. **Sowerby 1317**

Woods, June, P. Rare.

*Thurleigh*, — *Putnoe Woods*.

94. *Meadow-Barley*. — *H. pratense*.

Florets on the side, male ones awnless, fences bristle-shaped, rough. — Martyn. 108. **Sowerby 409.**

Meadows, Pastures, June, P. Common.

*Wheat-Grass*. TRITICUM Gen. Pl. 130.

Cup of 2 valves, solitary, containing about 3 florets, flowers bluntish, tapering.

95. *Creeping Wheat-Grass*. — *T. repens*.

Cups with 4 florets, awl-shaped, pointed, leaves flat. — Martyn. 124. **Sowerby 909.**

Fields, July, P. too common.

96. *Bearded Wheat-Grass*. — *T. caninum*.

Cups awl-shaped with nearly 4 florets, florets awned. **Sowerby 1372**

Woods, Hedges, July, P. Common.

*Dogs-tail-Grass*. CYNOSURUS. Gen. Pl. 118.



III Males. II Females. Tri. Di.

Cup of 2 valves, many florets, proper receptacle leafy, fixed to the side.

97 *Crested Dog's-tail-Grass*. — *C. cristatus*.

Floral leaves with winged clefts. — Martyn.

106. Sowerby. 316.

Meadows and Pastures, June, P. Common.

III Males. III Females. Tri. Tri.

*Blinks*. MONTIA. Gen. Pl. 133.

Cup 2 leaves: Blossom 1 petal, irregular:

Capsule 1-celled, 3-valved.

98. *Water Chickweed or Blinks*. — *M. fontana*.

Curtis. III. 8.

Wet Places, May, A. Rare.

*Amptbill Moor*, — *Potton Marshes*.

Obs: flower: lobes:

Leaves oblong, growing together, sharpish at the points.

Root creeping, very fibrous. Flowers minute, seldom entirely open, whence it's English name (*Blinks*) and the buds nod before blowing.

C L A S S. IV.

IV Males. I Female. Tetr. Mo.

*Teasel*. DIPSACUS. Gen. Pl. 148.

Common cup of many leaves, proper cup superior: Receptacle chaffy.

Wild

IV Males. I Female. Tetr. Mo.

99. *Wild Teasel*. — *D. arvensis*.

Leaves entire, chaff straight. — Curtis. III. 9. Sowerby 1032

Hedges and Road-sides. July, P. Common.

100. *Small Teasel or Shepherd's Rose*. — *D. pilosus*.

Leaves on leaf-stalks with appendages. — Curtis. III. 9. Sowerby 377

Wet Hedges. July, P. Rare.

*Scabious*. — *Gen. Pl. 149*

Common cup of many leaves, proper cup double, superior: receptacle chaffy or naked.

101. *Devil's-bit Scabious*. — *S. succisa*.

Blossoms with 4 equal gradates, seen from

sided branches approaching leaves between

lance-shaped and white. — Curtis. III. 10. Sowerby 377

Moist Woods and Fields. July, P. Common.

102. *Wild Scabious*. — *S. arvensis*.

Blossoms with 4 gradates, distinct, leaves

winged: proper cup double with 4 lobes. — Curtis. IV. 2. Sowerby 600

Common cup of many leaves, proper cup double, superior: receptacle chaffy or naked.

103. *Wild Scabious*. — *S. arvensis*.

Blossoms with 4 gradates, distinct, leaves

winged: proper cup double with 4 lobes. — Curtis. IV. 2. Sowerby 600

Common cup of many leaves, proper cup double, superior: receptacle chaffy or naked.

104. *Wild Scabious*. — *S. arvensis*.

Blossoms with 4 gradates, distinct, leaves

winged: proper cup double with 4 lobes. — Curtis. IV. 2. Sowerby 600



IV Males. I Female. Tetr. Mo.

- 99. *Wild Teasel.* — *D. sylvestris.*  
Leaves entire, chaff straight. — Curtis. III. 9. *Sowerby 1032*  
Hedges and Road-sides, July, P. Common.
- 100. *Small Teasel or Shepherd's Rod.* — *D. pilosus.*  
Leaves on leaf-stalks with appendages. —  
Curtis. I. 10. *Sowerby 877.*  
Wet Hedges, July, B. Rare.

*Kempston, — Medbury, — Goldington.*

Obs:

Height of the Plant from 3 to 6 feet or more. Heads less than in the preceding, not thorny, whitish, with dull-purplish Anthers, stem prickly all the way up: terminal Head solitary in the Fork of the main Branch.

*Scabious.* SCABIOSA. Gen. Pl. 149.

Common cup of many leaves, proper cup double, superior: receptacle chaffy or naked.

- 101. *Devil's-bit Scabious.* — *S. succisa.*  
Blossoms with 4 equal segments, stem undivided, branches approaching, leaves between lance-shaped and ovate. — Curtis. III. 10. *Sowerby 878.*  
Moist Woods and Fields, July, P. Common.
- 102. *Field Scabious.* — *S. arvensis.*  
Blossoms with 4 segments, radiate, leaves winged, jagged, stem rough with hair. — Curtis. IV. 13. *Sowerby 659.*

Cornfields



IV Males. I Female. Tetr. Mo.

Cornfields and Pastures, June, P. Common.

103. *Small Scabious*. — *S. Columbaria*.

Blossoms with 5 segments, radiate, leaves at the root ovate, notched, stem-leaves winged, bristle-shaped, — *Flora Danica*. 314.

Sowerby 1311

Mountainous Pastures, June, P. Common.

*Chaff-weed*. CENTUNCULUS.

Cup with 4 segments, blossom uniform, open: Threads short, seed-vessel cut round as in the Genus *Anagallis* with this difference, it has a pointed beak.

104. *Pimpernel Chaff-weed*. — *C. minimus*.

Vaillant. tab. IV. 2. Curtis. III. 11. admirable. Sowerby 531.

Boggy Ground, July, A. Rare.

*Amptbill Moor*.

Obs:

Flowers sitting in the wings of the leaves, flesh-color'd, very seldom expanded, leaves ovate, sharp. The whole Plant varies in stature from half an Inch to 3 Inches.

*Plantain*. PLANTAGO. Gen. Pl. 186.

Cup with 4 segments, blossom uniform, with the border reflected. Threads very long, seed-vessel 2-celled, cut round.

105. *Great-Plantain*. — *P. major*.

Leaves



IV Males. I Female. I Tetr. Mo.

Leaves ovate, smooth, stalk round, spike  
tiled with blossoms. — Curtis. II. 11. **Sowerby. 1550.**

Pastures and Road-sides, June, P. Common.

106. *Middle-Plantain.* — *P. media.*

Leaves between ovate and spear-shaped, downy, spike and stalk cylindrical. — Flora  
Danica. 581. Curtis. IV. 14. **Sowerby. 1559.**

Pastures, June, P. Common.

107. *Ribwort-Plantain.* — *P. lanceolata.*

Leaves spear-shaped, spike naked, nearly  
ovate, stem angular. — Martyn. 67.  
admirable, Curtis. II. 10. **Sowerby - 507.**

Woods and Pastures, June, P. Common.

108. *Bucks-horn-Plantain.* — *P. Coronopus.*

Leaves strap-shaped, toothed, stem cylindrical. — Flora. Danica. 272. **Sowerby. 892.**

Sandy Fields, June, A. Rare.

*Amptill, — Aspley.*

*Bloodwort.* SANGUISORBA. Gen. Pl. 190.

Cup 2-leaved. Germ between the cup and  
blossom.

109. *Burnet-Bloodwort.* — *S. officinalis.*

Spikes ovate. — Flora Danica. 97. Martyn.  
142. **Sowerby. 1312.**

Moist Meadows, July, P. Rare.

*Bromham, — Fenlake, — Cow Meadows.*

*Field*



III Males. I Female. Tetr. Mo.

*Field Madder.* SHERARDIA. Gen. Pl. 156.

Blossom 1 petal, funnel-shaped, seeds 2, with 3 teeth.

101 *Little Field-Madder.* — *S. arvensis.*

All the leaves whorled, flowers terminal. —

Curtis. V. 13. Flora Danica, 439. admirable. **Sowerby. 891.**

Cornfields, June, A. Rare.

*Clapham Hill, — Aspley, — Amphill Warren.*

*Woodruff.* ASPERULA. Gen. Pl. 157.

Blossom 1 petal, funnel-shaped. Seeds 2, round.

III. *Sweet Woodruff.* — *A. odorata.*

Leaves eight at a joint, lance-shaped, flowers in bundles on fruit-stalks. — Curtis. IV.

15. Blackwell. 60. **Sowerby. 755.**

Woods, May, P. Rare.

*Aspley, — King's Wood, near Amphill.*

Obs.

Root truly creeping. Leaves in whorls 6, 7, or even 8 at a joint, between ovate and spear-shaped, flowers white, crowded, smelling like new-mown hay.

112 *Squinancy Woodruff.* — *A. cynanchica.*

Leaves in fours, strap-shaped, upper ones opposite, stem upright, flowers with 4 segments.

Sowerby.

Lines  
for 101 read  
110. for III males  
read IV males.



IV Males. I Female. Tetr. Mo.

Sowerby. 33. admirable.

Chalky Hills, July, P. Rare.

Dunstable,—Barton.

Obs :

The stems trail among grass, leaves differing in length. Flowers bluish-colored, mouth striped with red veins, upper leaves 3 at a joint, or even 2.

Bedstraw. GALIUM. Gen. Pl. 162.

Blossom 1 petal, flat. Seeds 2, roundish.

113. White Bedstraw. — *G. palustre*.

Leaves in fours, roundish-ovate, unequal, stem spreading. — Flora Danica. 423. admirable.

Wet Ditches, July, P. Common.

114. Marsh Bedstraw. — *G. uliginosum*.

Leaves in sixes, spear-shaped, with prickly serratures bowed back, pointed, stiff, blossoms larger than the seed. — Petiver. tab. XXX. fig. 6.

Bogs, July, P. Rare.

Amptbill,—Potton,—Stevington.

115. Smooth Bedstraw. — *G. spurium*. Sowerby. 1641.

Leaves in sixes, spear-shaped, keeled, rough with prickles pointing backwards, joints simple, fruit smooth. — Vaillant. IV. 3.

Cornfields, June, A. Common.

F

Trailing







IV Males. I Female. Tetr. Mo.

Leaves in eights, smooth, spear-shaped, pointed, stem nearly erect, terminal panicle with forked fruit-stalks. — Jacquin Flora Austr. tab. 80.

Woods and Pastures, June, P. Rare.

Ford End, — Woods near Dunstable.

121. Least Bedstraw. — G. pusillum.

Leaves about eight in a whorl, rough, strap-shaped, pointed, fruit-stalks forked, fruit smooth. — Sowerby, 74. admirable.

Fields, July, P. Rare.

Shefford.

Obs :

The whorls of the leaves at the Root are very compact, habit of the plant rather rigid. Flowers more elegant than in the rest of the Family.

Cornel. CORNUS. Gen. Pl. 194.

Fence often four-leaved. Petals 4, superior, nut of 2 cells, covered with a pulp.

122. Female Cornel. — C. sanguinea.

Branches upright, leaves ovate, of an uniform colour, Cymes flat. — Flora Danica. 481. Sowerby. 249. admirable.

Woods and Hedges, June, P. Common.

Ladies-Mantle. ALCHEMILLA. Gen. Pl. 222.

Cup eight divisions. Blossom none, 1 seed.

F 2

Common



IV Males. I Female. Tetr. Mo.

123. *Common Ladies-Mantle*. — *A. vulgaris*.  
Leaves lobed. — *Flora Danica*. 693. Black-  
well. 72. (See our fig. No. I.) *Sowerby*. 597.  
Dry Pastures, June, P. Rare.

*Whipsnade*, — *Eversholt*.

Obs :

Of all our Natives this is the most elegant Plant. The leaves  
most simply, yet beautifully plaited, flowers palish-green,  
of a grassy colour.

124. *Pursley-Piert Ladies-Mantle*. — *A. Aphanes*.  
Hairy, leaves having three lobes, which are  
twice or thrice subdivided. — *Petiver*. IX.  
12.  
Fields, May, A. Common.

IV Males. II Females. Tetr. Di.

- Dodder*. *CUSCUTA*. Gen. Pl. 227.  
Cup 4 segments. Blossom 1 petal. Capsule  
2-celled.

125. *Great Dodder*. — *C. europæa*.  
Flowers nearly sitting, blossom without  
scales, stigma simple. — *Sowerby*. 378. ad-  
mirable.

Nettles, Beans, &c. July, A Common.

126. *Least Dodder*. — *C. epithymum*.  
Flowers sitting, a fringed scale close at the  
base of each stamen, Stigmas simple. —  
*Sowerby*. 55. admirable.

On





IV Males. II Females. Tetr. Di.

On Mother of Thyme, Heath, &c. June,  
A. Rare.

*Amptbill Warren, — Barton Hill.*

IV Males. IV Females. Tetr. Tetr.

*Holly.* ILEX. Gen. Pl. 232.

Cup with 4 teeth, blossom wheel-shaped,  
style none. Berry containing 4 seeds.

127. *Common Holly.* — *I. aquifolium.* *Sowerby. 496.*

Leaves ovate, sharp, thorny. — *Flora Danica.*

508.

Hills and Woods, S. Rare.

*Aspley.*

*Pondweed.* POTAMOGETON. Gen. Pl. 234.

Cup none, petals 4, style none, seeds 4.

128. *Floating Pondweed.* — *P. natans,*

Leaves oblong-ovate, on leaf-stalks, float-  
ing. — *Flora Danica. 165.*

Ditches and Rivers, July, P. Common.

129. *Perfoliate Pondweed.* — *P. perfoliatum.*

Leaves heart-shaped, embracing the stem. —  
*Sowerby. 168.*

Rivers, July, P. Common.

130. *Shining Pondweed.* — *P. lucens,*

Leaves



IV Males. IV Females. Tetr. Tetr.

Leaves spear-shaped, flat, ending in leaf-stalks. — Flora Danica. 195. Sowerby. 376.

Rivers, July, P. Common.

131. *Forked Pondweed.* — *P. densum.*

Leaves ovate, pointed, opposite, crowded, stems forked, spike containing 4 flowers. — Sowerby. 397.

Ditches, June, P. Rare.

*Ford-End.*

*Obs:*

One flower arises from the fork of the stem, sitting on a short fruit-stalk, and resembles the flower of the *Adoxa*.

132. *Flat-stalked Pondweed.* — *P. compressum.*

Leaves strap-shaped, blunt, stem flattened. — Flora Danica. 203. Sowerby. 418.

Ditches, June P. Rare.

*Ditch near Fenlake Osier-bolts.*

133. *Curled Pondweed.* — *P. crispum.*

Leaves spear-shaped, alternate or opposite, waved, serrated. — Curtis. V. 15. admirable.

Rivers and Ponds, June. P. Common.

134. *Fennel-leaved Pondweed.* — *P. pectinatum.*

Leaves bristle-shaped, parallel, approaching, in 2 rows. — Sowerby. 323.

Rivers



IV Males, IV Females, Tetr, Tetr,

Rivers and Ditches, June, P. Rare.

*Ditch near Fenlake Osier-bolts.*

135. *Least Pondweed.* — *P. pusillum.*

Leaves strap-shaped, opposite and alternate, separate, open at the base, stem round. — Sowerby. 215.

Ditches and Ponds, that communicate with the main River, June, P. Common.

*Pearlwort.* SAGINA. Gen. Pl. 236.

Cup of 4 leaves. Petals 4. Seed-vessel 1-celled, 4-valved: many seeded.

136. *Procumbent Pearlwort.* — *S. procumbens.*

Branches trailing. — Curtis. III. 12. *Sowerby. 880.*

Moist situations on Heaths, July, P. Common.

137. *Apetalous Pearlwort.* — *S. apetala.*

Stem rather upright, downy, flowers alternate, without petals. — Curtis. V. 14. *Sowerby. 881.*

Walls, June, A. Rare.

*Market-Street, near Dunstable.*

*Obs:*

Stem erect from 1 and a half to 3 Inches high. Petals very minute, four, nicked, almost heart-shaped; Segments of the cup ovate, concave.

*Upright*



IV Males. IV Females. Tetr. Tetr.

138. *Upright Pearlwort.* — *S. erecta.*

Stem erect, with seldom more than one  
Sowerby 609. flower. — Curtis. II. 12. admirable.

Heaths, April, A. Rare.

*Clophill and Amptbill Warrens.*

Obs:

Stem erect 3 or 4 Inches high, root fibrous, leaves spring-  
ing together, sea-green, strap-shaped, sharp: Segments of  
the cup sharpish: Petals 4, larger than in the other Species,  
yet shorter than the cup.

C L A S S. V.

V Males. I Female. Pen. Mo.

*Scorpion-Grass.* MYOSOTIS. Gen. Pl. 240.

Blossom salver-shaped, 5 divisions, nicked;  
mouth closed with vaulted Roofs.

139. *Marsb Scorpion-Grass.* — *M. palustris.*

Cups roundish-oval, blunt, leaves spear-sha-  
ped. — Curtis. III. 13.

Ditches, June, P. Common.

140. *Field Scorpion-Grass.* — *M. arvensis.*

Seeds smooth, points of the leaves callous. —

Flora Danica. 583. Sowerby. 480

Cornfields, May, A. Common.

Gromill.



V. Males. I. Female. Pen. Mō.

*Gromill.* LITHOSPERMUM. Gen. Pl. 241.

Blossom funnel-shaped: open and naked at the mouth. Cup in five divisions.

141. *Common Gromill.* — *L. officinale.*

Seeds smooth, blossoms hardly exceeding the cup in length. — Sowerby. 134. Woodville. 213.

Hedges and Road-sides, May, P. Rare.

*Newenham Wall.*

142. *Corn Gromill.* — *L. arvense.*

Seeds rough, blossoms hardly exceeding the cup in length. — Flora Danica. 456. Sowerby. 123.

Cornfields, May, A. Common.

*Hound's-tongue.* CYNOGLOSSUM. Gen. Pl. 243.

Blossom funnel-shaped. Mouth closed by vaulted roofs.

143. *Common Hound's-tongue.* — *C. officinale.*

Threads shorter than the blossom, leaves broad, spear-shaped, downy, sitting. — Curtis. IV. 16. Woodville. 216. Sowerby. 921.

Road-sides, June, P. Common.

*Lungwort.* PULMONARIA. Gen. Pl.

Blossom funnel-shaped, mouth with a passage. Cup a prism of 5 angles.

G

Broad



V Males. I Female. Pen. Mo.

144. *Broad-leaved Lungwort.* — *P. officinalis.*  
 Root leaves between ovate and heart-shaped,  
 rough. — Sowerby. 118. Woodville. 212.  
 Woods and Hedges, April, P. Rare.

*Between Thurleigh and Milton-Errys.*

Obs :

*Leaves spotted with white.*

*Comfrey.* SYMPHYTUM. Gen. Pl. 245.

Border of the blossom between tubular and  
 bellying, the mouth closed with awl-shaped  
 rays.

145. *Common Comfrey.* — *S. officinale.*

Leaves between ovate and lance-shaped, run-  
 ing down the stem, cup closing the whole  
 length of the blossom's tube. — Curtis. IV.  
 18. Woodville. 215. **Sowerby. 817.**

Banks of Rivers, May, P. Rare.

*Banks of the Ouse.*

146. *Red Comfrey.* — *S. patens.*

Leaves between ovate and lance-shaped, run-  
 ning down the stem, cup open, shorter than  
 the tube of the blossom.

Ditch Banks, June, P. Rare.

*Banks of the Ouse.*

*Ditches on the Soal Borage.*  
*near Bigleswade*



V Males. I Female. Pen. Mo.

*Borage.* BORAGO. Gen. Pl. 248.

Blossom wheel-shaped: Mouth closed with rays.

147. *Common Borage.* — *B. officinalis.*

All the leaves alternate, cups expanding. — Sowerby. 217. 36.

Road-sides, May, A. Rare.

*Duck Mill, Bedford, — Amphill Warren.*

*Bugloss.* LYCOPSIS. Gen. Pl. 250.

Blossom with a bent tube.

148. *Wild Bugloss.* — *L. arvensis.*

Leaves spear-shaped, rough with hair, cups when in flower erect. — Curtis. V. 17. Sowerby. 938. Flora Danica. 435. admirable.

Cornfields, June, A. Common.

*Viper's Bugloss.* ECHIUM. Gen. Pl. 251.

Blossom irregular. Mouth naked.

149. *Common Viper's Bugloss.* — *E. vulgare.*

Stem rough with hairy tubercles, stem leaves spear-shaped, rough with hair, flowers in spikes lateral. — Martyn. 136. Flora Danica. 445.

Cornfields, June, B. Common.



V Males. I Female. Pen. Mo.

*Primrose.* PRIMULA. Gen. Pl. 258.

A small umbel with a fence. Tube of the blossom cylindrical, mouth expanding.

150. *Common Primrose.* — *P. acaulis.*

Stemless, leaves wrinkled, toothed, hairy underneath, stalk with one flower. — Curtis.

VI. 16. Sowerby. 4. admirable.

Woods and Hedges, March, P. Common.

151. *Cowslip.* — *P. officinalis.*

Leaves wrinkled, toothed, hairy underneath, stalks with many flowers, nodding, border of the blossom short. — Curtis. VI. 15.

Sowerby. V. admirable.

Pastures, April, P. Common.

152. *Oxlip.* — *P. elatior.* Sowerby. 513.

Leaves wrinkled, toothed, hairy, stalks with many flowers, outermost flower nodding, central one upright. — Flora Danica. 434.

Woods and Thickets, April, P. Common.

*Buck-bean.* MENYANTHES. Gen. Pl. 253.

Blossom hairy, stigma bifid, capsule 1-celled.

153. *Common Buck-bean.* — *M. trifoliata.*

Leaves in threes. Curtis. IV. 17. Sowerby. 495.

Boggy Places, May P. Rare.



V. Males. I Female. Pen. Mo.

*Paradise, near Bedford,—Biddenham South Field  
opposite Kempston Church,—Amptbill Moor.*

*Obs :*

*Blossom elegantly fringed, the red and white forming a most  
exquisite contrast.*

*Hottonia.* HOTTONIA. Gen. Pl. 265.

Blossom salver-shaped, threads fastened to  
the tube of the blossom. Capsule 1-celled.

154. *Water Violet.* — *H. palustris.*

Fruit-stalk whorled, with many flowers.—

Curtis. I. 11. admirable. Sowerby. 364.

Ditches, May, P. Rare.

*Potton Marshes,—Eaton-Socon Mills.*

*Loosestrife.* LYSIMACHIA. Gen. Pl. 269.

Blossom wheel-shaped, capsule globose,  
pointed, with 10 valves.

155. *Common Loosestrife.* — *L. vulgaris.*

Panicled, bunches terminal. — Curtis. V. 19.

Watery Places, July, P. Common. *Sowerby. 761.*

156. *Wood Loosestrife.* — *L. nemorum.*

Leaves ovate, sharp, flowers solitary, stem  
trailing. — Curtis. V. 18. *Sowerby. 527.*

Woods, June. P. Rare.

*Aspley Wood.*

*Obs :*



V Males. I Female. Pen. Mo.

Obs :

Plant trailing, root creeping: Flowers large, deep yellow.  
Capsule globular, without the spherical scissure, therefore  
a true *Lysimachia*.

157. *Moneywort Loosestrife*. — *L. nummularia*.

Leaves nearly heart-shaped, flowers solitary,  
**Sowerby. 529.** stem creeping. — Curtis. III. 14.

Wet Meadows and Ditches, June, P. Com-  
mon.

*Pimpernel*. ANAGALLIS. Gen. Pl. 270.

Blossom wheel-shaped. Capsule cut round.

158. *Common Pimpernel*. — *A. arvensis*.

Leaves entire, stem trailing. — Curtis. I. 12.  
**Sowerby. 529.** Cornfields, May, A. Common.

159. *Blue Pimpernel*. — *A. cœrulea*.

Leaves between ovate and spear-shaped, seg-  
ments of the cup more sharply pointed. —  
Hoffman. Blackwell. 274.

Cornfields, May, A. Rare.

*Oakley West Field, — Barton Hill.*

Obs :

*Petals nicked, sometimes undulated, and deeply serrated. It  
were vain to attempt a description of the elegance of colour and  
habit in this little rare Plant.*

160. *Bog Pimpernel*. — *A. tenella*.

Leaves ovate, sharpish, stem creeping. —  
Curtis. III. 15. **Sowerby. 530.**

Bogs



V. Males. I Female. I Pen. Mo.

Bogs, June, P. Rare.

*Stevington Bogs,—Amptbill Moor.*

*Obs :*

Root fibrous, branches produce small fibres towards the center, and take hold of the Ground. Leaves small, opposite, sharp, round. Flowers bell-shaped, small, flesh-colored.

*Chironia.* CHIRONIA. Gen. Pl. 349.

Blossom wheel-shaped. Female organ bowed down. Threads sitting on the tube of the blossom, anthers corkscrew-shaped, capsule 2-celled.

161. *Common Centaury.* — *C. Centaurium.*

Blossoms with 5 segments, funnel-shaped, stem forked, female organ single. — Curtis. IV. 22. Sowerby. 417.

Pastures, July, A. Common.

*Bindweed.* CONVULVULUS. Gen. Pl. 287.

Blossom bell-shaped, plaited. Stigmas 2. Capsule 2-celled, each 2-seeded.

162. *Field Bindweed.* — *C. arvensis.*

Leaves arrow-shaped, pointed on each side, fruitstalks with about 1 flower. — Curtis.

II. 13. Sowerby. 313. 312

Fields, June, P. Common.

*Great*



V Males. I Female. I Pen. Mo.

163. *Great Bindweed.* — *C. sepium.*

Leaves arrow-shaped, lopped behind, fruit-stalks square with 1 flower. — Curtis. I. 13. Sowerby. 313.

Hedges, July, P. Common.

*Bell-flower.* CAMPANULA. Gen. Pl. 290.

Blossom bell-shaped, closed at the bottom by thread-bearing valves. Stigma trifid. Capsule inferior, opening by lateral orifices.

164. *Round-leaved Bell-flower.* — *C. rotundifolia.*

Root leaves kidney-shaped, stem leaves strap-shaped. — Curtis. IV. 21. Sowerby. 866

Heaths and dry Pastures, June, P. Common.

165. *Giant-Throatwort Bell-flower.* — *C. latifolia.*

Leaves ovate-spear-shaped, stem very simple, round, flowers single, on fruit-stalks, capsules nodding. — Sowerby. 302.

Woods and Hedges, July, P. Rare.

*Whipsnade near Dunstable.* — Studham Common.

Obs :

Root milky. stem 5 feet high, slightly angular, crowded with leaves. Blossom splendid purple, leaves of the cup slightly serrated.

166. *Throatwort Bell-flower.* — *C. Trachelium.*

Stem angular, leaves on leaf-stalks, cups fringed, fruit-stalks in threes. — Sowerby. 12.

Woods

V Males. I Female. I Pen. Mo.

Woods and Hedges, July, P. Common.

167. *Clustered Bell-flower.* — *C. glauca.*

Stem angular, simple, flowers single, head terminating. — Sowerby. 302.

Heaths and dry Pastures, July, P. Common.

168. *Great Bell-flower.* — *C. latifolia.*

Stem angular, simple, flowers single, head terminating. — Sowerby. 302.

Heaths and dry Pastures, July, P. Common.

169. *Small Bell-flower.* — *C. rotundifolia.*

Stem angular, simple, flowers single, head terminating. — Sowerby. 302.

Heaths and dry Pastures, July, P. Common.

165  
in a lane between Hawnes  
and Maulden on the bank  
of a coffee on the left.

1807



V Males. I Female. Pen. Mo.

Woods and Hedges, July, P. Common.

167. *Clustered Bell-flower.* — *C. glomerata.*

Stem angular, simple, flowers sitting, head terminating. — Sowerby. 490. admirable.

Heaths and dry Places, July, P. Common.

168. *Corn Bell-flower.* — *C. hybrida.*

Stem somewhat branched at the base, straight, leaves oblong, crenated, cups incorporated, longer than the Blossom, capsules shaped like a prism. — Sowerby. 375. admirable.

Cornfields, June, A. Common.

*Brookweed.* SAMOLUS. Gen. Pl. 294.

Blossom salver-shaped. Threads defended by the scales of the blossom. Capsule 1-celled, inferior.

169. *Pimpernel Brookweed.* — *S. valerandi.*

Curtis. IV. 20. **Sowerby. 703.**

Banks of Rivers and Bogs, July, P. Rare.

*Banks of the Ouse above Bedford.*

*Honeysuckle.* LONICERA. Gen. Pl. 519.

Blossom of 1 petal, irregular: Berry with many seeds, 2-celled.

170. *Common Honeysuckle.* — *L. Periclymenum.*

Heads ovate, tiled, terminal, all the leaves distinct. — Curtis. I. 15. **Sowerby. 800.**



V Males. I Female. Pen. Mo.

Woods and Hedges, July, S. Common.

*Mullein.* VERBASCUM. Gen. Pl. 331.

Blossom wheel-shaped, nearly unequal, with  
2 cells and 2 valves.

171. *Great Mullein.* — V. Thapsus.

Leaves running down the stem, woolly on  
both sides: stem undivided. — Flora Da-  
nica. 631. Woodville. 125.

Sowerby. 549.

Road-sides, July, P. Common.

172. *Black Mullein.* — V. nigrum.

Leaves oblong, heart-shaped, on leafstalks.—  
Sowerby. 59. admirable.

Hedges, July, P. Rare.

Sandy,—Warden,—Aspley.

*Henbane.* HYOSCYAMUS. Gen. Pl. 333.

Blossom funnel-shaped, blunt: threads incli-  
ning; capsule 2-celled, with a lid.

173. *Common Henbane.* — H. niger.

Leaves embracing the stem, waved, flowers  
sitting. — Woodville. 52. admirable.

Sowerby. 591.

Road-sides, June, B. Common.

*Deadly Nightshade.* ATROPA. Gen. Pl. 335.

Blossom bell-shaped, threads distant. Berry  
round, 2-celled.

Common



V Males. I Female. Pen. Mo.

174. *Common Deadly Nightshade.* — A. Belladonna.

Stem herbaceous, leaves ovate, very entire. —

Curtis. V. 16. Woodville. 1. **Sowerby. 592.**

Woods and Road-sides, June, P. Rare.

— *Near Whipsnade, on the borders of Herts.*

Obs :

*They who have drawn this Plant have overlooked the modest simplicity of nature, for the flowers are of a dusky colour and not purplish brown; the leaves pale not a deep green. The style is but little longer than the tube of the blossom.*

*Nightshade.* — SOLANUM. Gen. Pl. 537.

Blossom wheel-shaped. Anthers almost united, opening at the point with a double pore. Berry 2-celled.

175. *Woody Nightshade.* — S. Dulcamara.

Stem thornless, shrubby, zigzag, upper leaves spear-shaped. Bunches in half-umbels. —

Curtis. I. 14. **Sowerby. 565.**

Moist Hedges, July. S. Common.

176. *Garden Nightshade.* — S. nigrum.

Stem thornless, herbaceous, leaves ovate, tooth-angular, bunches in two rows, nodding. — Curtis. II. 14. Woodville. 226. **Sowerby. 566.**

Dunghills, July, A. Common.



V Males. I Female. Pen. Mo.

*Buckthorn.* RHAMNUS. Gen. Pl. 358.

Cup tubular, with scales defending the threads; Blossom none: Capsule a berry.

177. *Purging Buckthorn.* — *R. catharticus.*

Thorns terminating, flowers with 4 segments, diœcious, leaves ovate, stem upright. —

Blackwell. 135. *Sowerby*. 1629.

Woods, Hedges, May, S. Rare.

*Clapham*,—*Ravensden.*

178. *Berry-bearing Alder.* — *R. Frangula.*

Flowers with one female, florets hermaphrodite, leaves very entire. — *Sowerby*. 250. admirable.

Woods, Hedges, May, S. Rare.

*Eversholt*,—*Aspley Wood.*

*Spindle-tree.* EVONYMUS. Gen. Pl. 373.

Blossom 5 petals. Capsule 5 angles, 5 cells, 5 valves, colored: seeds with a veil.

179. *Common Spindle-tree.* — *E. europæus.*

Flowers with mostly 4 segments, leaves sitting. — *Sowerby*. 362. admirable.

Woods, Hedges, May, S. Rare.

*Renbold*,—*Cople*,—*Aspley.*

*Currant.* RIBES. Gen. Pl. 390.

Petals



one of Sowerby's desiderata.

one of Sowerby's desiderata.

V Males. I Female. Pen. Mo.  
Petals 5, and the threads inserted in the cup:  
Style bifid, berry many-seeded, inferior.

180. *Black Currant.* — R. nigrum.

Thornless, bunches hairy, blossoms oblong. —

Flora Danica. 556. admirable. Sowerby. 1295.

Banks of Rivers, April, May, S. Rare.

*Blunbam.*

*Ivy.* HEDERA. Gen. Pl. 395.

Petals 5 oblong. Berry with 5 seeds surrounded by the cup.

181. *Common Ivy.* — H. Helix.

Leaves both ovate and lobed. — Curtis. I. 16. Sowerby. 1267.

Woods, Hedges, September, S. Common.

*Periwinkle.* VINCA. Gen. Pl. 419.

Contorted. Bags 2, upright. Seeds naked.

182. *Least Periwinkle.* — V. minor.

Stems trailing, leaves spear-ovate, flowers on fruitstalks. — Curtis. III. 16. Sowerby. 917.

Woods, Hedges, April, P. Rare.

*Potton, — Aspley.*

183. *Great Periwinkle.* — V. major.

Stems erect, leaves ovate, slightly fringed. —

Curtis. IV. 19. Sowerby. 514.

Hedges, April, P. Rare.

*Ravensden, — Clapham.*

*Goosefoot.*



V Males. II Females. Pen. Di.

Goosefoot. CHENOPODIUM. Gen. Pl. 435.

Cup 5 leaves. Blossom none. Seed 1, lentil-shaped, superior.

184. *Mercury Goosefoot*. — *C. bonus* Henricus.

Leaves triangular, arrow-shaped, very entire, spikes compound, leafless, axillary. —

Curtis. V. 7. *Sowerby*. 1033. —

Dunghills and Church-Yards, June, P. Common.

185. *Upright Goosefoot*. — *C. urbicum*.

Leaves triangular, somewhat toothed, bunches crowded, very upright, lying close to the stem, very long. — Petiver. VIII. 8.

*Sowerby*. 717.

Road-sides, August, A. Rare.

*St. Cuthbert's Bedford, behind the Church.*

186. *Red Goosefoot*. — *C. rubrum*.

Leaves heart-three-cornered, bluntish, toothed, bunches erect, compound, leafy, shorter than the stem. — Curtis. VI. 21.

Dunghills, August, A. Rare.

*Goldington, — Aspley.*

187. *Wall Goosefoot*. — *C. murale*.

Leaves ovate, shining, toothed, sharp, bunches branched, naked. — Curtis. VI. 20.

Dunghills, August, A. Common.

*Fig-leaved*

*one of Sowerby's desiderata*

\*185: *Naked-leaved Goosefoot*. Ch: *glaucum*.



- V Males. II Females. Pen. Di.
188. *Fig-leaved Goosefoot*. — *C. serotinum*.  
Leaves trowel-shaped, indented and toothed,  
wrinkled, smooth, uniform, bunches termi-  
nating. — Curtis. II. 16. *C. viride*.  
Dunghills, August, A. Common.
189. *White Goosefoot*. — *C. album*.  
Leaves diamond-three-cornered, gnawed, en-  
tire behind, uppermost oblong, bunches up-  
right. — Curtis. II. 15.  
Cornfields, July, A. Common.
190. *Thorn-apple-leaved Goosefoot*. — *Chybridum*.  
Leaves heart-shaped, pointed-angular, bun-  
ches branched, naked. — Curtis. IV. 23.  
Dunghills, August, A. Rare.  
*Mill Lane, Bedford.*
- Elm*. *ULMUS*. Gen. Pl. 443.  
Cup of 5 segments. Blossom none. Berry  
dry, flatted, skinny.
191. *Common Elm*. — *U. campestris*.  
Leaves doubly-serrated, unequal at the base,  
flowers nearly sitting, in clusters.  
Hedges, April, T. Common.
192. *Wyche-hazel Elm*. — *U. effusa*.  
Leaves doubly-serrated, unequal at the base,  
flowers scattered, on long fruitstalks.  
Hedges,



V Males. II Females. Pen. Di.

Hedges, April, T. Common.

*Gentian.* GENTIANA. Gen. Pl. 450.

Blossom 1 petal. Cup 2 valves, 1 cell, with 2 longitudinal receptacles.

193. *Fellwort Gentian.* — *G. Amarella.*

Blossoms with 5 segments, salver-shaped, bearded at the mouth, segments of the cup equal. — *Flora Danica.* 328. Sowerby. 236. admirable.

Pastures, July, A. Rare.

*Turvey, opposite Snelson, — Bromham.*

194. *Field Gentian.* — *G. campestris.*

Blossoms with 4 segments, salver-shaped, bearded at the mouth, segments of the cup unequal. — *Flora Danica.* 367. Sowerby. 237. admirable.

Hilly Pastures, September, A. Very rare.

*Barton Hill.*

*Obs:*

The *Synonym* expresses that the segments of the cup are unequal, the alternate ones are particular in this respect, the one being strap-shaped, the other ovate-spear-shaped.

*Umbellated Plants.*

A. with general and partial Fences.

*Pennywort.* HYDROCOTYLE. Gen. Pl. 457.

Umbel



V Males. II Females. Pen. Di.

Umbel simple, with a fence of 4 leaves, petals entire, seeds semicircular, flattened.

195. *Marsh Pennywort.* — *H. vulgaris.*  
Leaves shield-shaped, umbels with 5 flowers.  
— Curtis. VI. 19. *Flora Danica.* 90.

Bogs; June, P. Rare. **Sowerby. 751.**

*Ampibill.* — *Aspley.*

*Sanicle.* SANICULA. Gen. Pl. 458.

Umbels crowded, almost in heads. Fruit rough; fruit of the disc abortive.

196. *Common Sanicle.* — *S. europæa.*

Root leaves simple, all the flowers sitting. —  
*Sowerby.* 98. *Flora Danica.* 283. admirable.

Woods and Thickets, May, P. Common.

*Thorow-wax.* BUPLEURUM. Gen. Pl. 460.

Fences of the small umbel larger than the flowers, of 5 leaves; Petals rolled in. Fruit nearly round, flattened, striped.

197. *Common Thorow-wax.* — *B. rotundifolium.*

No general fences: Stem perforating the leaves, and growing through them. — *Blackwell.* 95. *Sowerby.* 99. admirable.

Cornfields, June, A. Rare.

*Barton Hill.* — *Woburn.*



V Males. II Females. Pen. Di.

*Hensfoot.* CAUCALIS. Gen. Pl. 464.

Blossoms with a ray, male florets in the disc.  
Petals bent in and nicked. Fruit with  
bristles, fences entire.

198. *Fine-leaved Hensfoot.* — *C. daucoides.*

Umbels in threes, leafless, small umbels with  
3 seeds and 3 leaves. — Sowerby. 197. ad-  
mirable.

Cornfields, June, A. Very rare.

*Barton Hill* Oakley West Field, discovered by Mr. James  
1004 Payne, a discerning Herbarist of that Village.

— *Obs:* Root leaves simple, flowers sitting —  
Leaves very finely divided, Germs armed with hooked  
bristles, Flowers pinkish-white, Petals uniform.

199. *Broad-leaved Hensfoot.* — *C. latifolia.*

General umbel trifid, partial ones with 5  
seeds, leaves winged and serrated. — Sow-  
erby. 198. admirable.

Cornfields, June, A. Rare.

Oakley, — Thurleigh.

— *Obs:* No general fences: stem performing the  
leaves, and growing through them. — Black.  
Petals irregular, bluish-colored. Seeds hooked as in the  
preceding.

200. *Field Hensfoot.* — *C. arvensis.*

General



V Males. II Females. Pen. Di.

General fence of one leaf, umbels crowded,  
seeds round-ovate, leaflets ovate-spear-shaped,  
— doubly winged, branches straggling. —

Curtis. VI. 23. *C. infesta*. **Sowerby. 1314.**

Cornfields, July, A. Common.

201. *Hedge Hensfoot*. — *C. Anthriscus*.

Fences with many divisions, umbel crowded,  
seeds oblong, leaflets ovate, doubly-winged,  
branches erect. — Curtis. VI. 22. **Sowerby. 987.**

Hedges, July, A. Common.

202. *Knotted Hensfoot*. — *C. nodosa*.

Umbels lateral, simple, sitting. — Sowerby.  
199. admirable.

Road-sides, June, A. Common.

*Carrot*. DAUCUS. Gen. Pl. 466.

Blossoms nearly radiate, all with both male  
and female organs. Fruit rough with hair.  
Fences doubly-winged.

203. *Wild Carrot*. — *D. Carota*.

Seeds rough, leafstalks ribbed underneath. —

Martyn. 82. admirable. **Sowerby. 1174.**

Pastures, July, B. Common.

*Earth-nut*. BUNIUM. Gen. Pl. 468.

Blossom uniform, umbel crowded, fruit ovate.



V Males. II Females. Pen. Di.

204. *Small Earth-nut.* — *B. flexuosum.*

Stem tapering at bottom, zigzag. — Curtis.

IV. 24. admirable. *Sowerby 988* —

Pastures and Thickets, May, P. Rare.

*King's Wood, Ampthill, — Aspley Wood.*

Obs:

*The true Bulbocastanum, (well figured by Oeder) is not, I believe, a native of this County. The plant before us is truly zigzag towards the root, and the stem tapering at the base.*

*Hemlock.* CONIUM. Gen. Pl. 469.

Partial fences going half way round, generally of 3 leaves. Fruit nearly globular, with 5 scores, notched on each side.

205. *Common Hemlock.* — *C. maculatum.*

Seeds scored. — Curtis. I. 17. admirable.

Road-sides, June, B. Common.

*Sulphurwort.* PEUCEDANUM. Gen. Pl. 472.

Fruit ovate, scored on both sides, bordered, fences very short.

206. *Common Sulphurwort.* — *P. Silaus.*

Leaflets doubly-winged, segments opposite, general fence of 2 leaves. — Martyn. 128. admirable.

Moist Pastures, July, P. Common.

*Hogweed.*



V Males. II Females. Pen. Di.

*Hogweed.* HERACLEUM. Gen. Pl. 477.

Fruit elliptical, nicked, flat, scored: Blossom irregular, bent in and nicked, fence falling off.

207. *Common Hogweed.* — H. Sphondylium.

Leaves doubly-winged, smooth, flowers regular. — Petiver. XXIV. 1. **Sowerby. 939.**

Hedges, July, P. Common.

208. *Narrow-leaved Hogweed.* — H. angustifolium.

*one of Dr. Smith's desiderata.*

Leaves with a cross in the wing, leaflets spear-shaped, blossoms with florets. — Jacquin. Flora Aust. 174.

Hedges, July, B. Rare.

*Elstow.*

*Obs:*

*I am the more convinced of the identity of this species from the circumstance of the Rev. Mr. Relhan's having shewn me, the corresponding Plant page 10 of his second supplement.*

*Angelica.* ANGELICA. Gen. Pl. 479.

Fruit nearly round, angular, firm, with reflected styles. Blossoms equal, petals bent in.

109. *Wild Angelica.* — A. sylvestris.

Leaflets equal, ovate-spear-shaped, serrated. — Woodville. 265. **Sowerby. 4120**

Woods

*for 109 read 209.*



V Males. II Females. Pen. Di.

Woods and wet Hedges, July, B. Common.

*Water Parsnep.* SIUM. Gen. Pl. 480.

Fruit rather egg-shaped, scored: fence of many leaves. Petals heart-shaped.

210. *Broad-leaved Water Parsnep.* — *S. latifolium.*

Leaves winged, umbel terminal. — Sowerby. 204. admirable.

Ditches and Banks of Rivers, July, P. Common.

211. *Narrow-leaved Water Parsnep.* — *S. angustifolium.*

Leaves winged, umbels axillary on fruitstalks, general fence winged. — Sowerby. 139. admirable.

Rivulets and Ditches, July, P. Rare.

*With the above.*

*Obs:*

Leaves deeply serrated, leaves of the fences and fencelets very large and conspicuous.

212. *Trailing Water Parsnep.* — *S. nodiflorum.*

Leaves winged, umbels lateral, nearly fitting, stem trailing. — Flora Danica. 247. admirable. Sowerby. 639.

Rivulets and Ditches, July, P. Common.

*Creeping*

V Males. II Females. Pen. Di.

213. *Creeping Water Parsnep.* — *S. angustifolium.*

Stem creeping, leaves roundish, toothed, regular. — Jacquin Flor. Acad. 280. Sowerby. 203.

Bogs, June, P. Rare.

Giddings, — *Clapham.*

*Harcourt.* Siam. Gen. Pl. 48.

Fruit oval, 2-cord, rather generally 4-cord.

214. *Key Parsnep.* — *S. angustifolium.*

Leaves winged, umbels upright. — Sowerby. 139.

Woods and Hedges, July, P. Common.

215. *Key Parsnep.* — *S. angustifolium.*

Leaves winged, umbels drooping. — Sowerby. 208. admirable.

Bogs, June, P. Rare.

Giddings, — *Clapham.*

*Harcourt.* Siam. Gen. Pl. 48.

Fruit oval, 2-cord, rather generally 4-cord.

216. *Water Parsnep.* — *S. latifolium.*

Creeping, umbels upright. — Flora Danica. 247. Sowerby. 639.



V. Males. II. Females. Pen. Di.

213. *Creeping Water Parsnep.* — *S. repens.*

Stem creeping, leaflets roundish, tooth-angular. — Jacquin Flora Aust. 260. **Sowerby. 1431.**

Bogs, June, P. Rare.

*Goldington Green, — Stevington Bogs.*

*Honewort.* SISON. Gen. Pl. 481.

Fruit ovate, scored, fences commonly 4-leaved.

214. *Hedge Honewort.* — *S. Amomum.*

Leaves winged, umbels upright. — Blackwell.

442. **Sowerby. 954.**

Woods and Hedges, August, B. Common.

215. *Corn Honewort.* — *S. segetum.*

Leaves winged, umbels drooping. — Sowerby. 228. admirable.

Road-sides, July, B. Rare.

*Goldington, — Clapham.*

*Obs:*

*Stem prostrate rather than upright as in the Amomum, very much branched, but the partial umbels smaller.*

216. *Water Honewort.* — *S. inundatum.*

Creeping, umbels with two props. — Flora Danica. 89. Sowerby. 227. admirable.

Bogs,



V Males. II Females. Pen. Di.

Bogs, June, A. Rare.

*Amphibill.*

Obs :

The leaves out of the water winged, serrated: Those that grow beneath the surface are very fine and hair-like. Blossom irregular.

Dropwort. OENANTHE. Gen. Pl. 484.

Florets dissimilar, those in the disc barren, sitting: Fruit crowned with a cup and female organ.

217. *Water Dropwort.* — *O. fistulosa.*

Root sending forth suckers, stem-leaves winged, thread-shaped, hollow. — Sowerby. 363. admirable.

Boggy Ground, June, P. Common.

218. *Sulphurwort-leaved Dropwort.* — *O. pucedanifolia.*

All the leaves strap-shaped, root leaves with a double row of wings, stem-leaves winged, no general fence, knobs of the root ovate, sitting. — Sowerby. 348. admirable.

Marshes, June, P. Rare.

*Potton Marshes, — Fenlake Meadow.*

B. with fencelets, but without fences.

*Horse-bane.*

219\* Parsley leaved Dropwort.  
*O. pimpinelloides.*



V Males. II Females. Pen. Di.

*Horsebane.* PHELLANDRIUM. Gen. Pl. 485.

Florets of the center less, fruit ovate, smooth,  
crowned with a cup and female organ.

219. *Water Horsebane.* — P. aquaticum.

Branches of the foliage straggling. — Wood-  
ville. 266. admirable. *Sowerby. 604.*

Rivers, July, P. Common.

*Cowbane.* CICUTA. Gen. Pl. 486.

Fruit nearly ovate, furrowed.

220. *Poisonous Cowbane.* — C. virosa.

Flora Danica. 208. Woodville. 268. Sow-  
erby. 479.

Ditches, July, P. Rare.

*Oakley Springs.*

*Cicely.* ÆTHUSA. Gen. Pl. 487.

Fencelets going half round, with three leaves,  
hanging down: Fruit scored.

221. *Fool's Parsley.* — Æ. Cynapium.

Curtis. I. 18.

Gardens and Fields, July, P. Common.

*Shepherd's Needle.* — SCANDIX. Gen. Pl. 489.

Blossom radiate, fruit awl-shaped, petals  
nicked, florets of the disc often males only.



V Males. II Females. Pen. Di.

222. *Common Shepherd's-Needle*. — *S. pecten*.  
 Seeds with a very long beak. — Curtis. V.  
 Sowerby. 1397. 21. Martyn. 38.

Cornfields, May, A. Common.

223. *Rough Shepherd's-Needle*. — *S. Anthriscus*.  
 Seeds ovate, rough with hair, blossoms uni-  
 form, stem smooth. — Curtis. I. 19. Mar-  
 tyn. 75. Sowerby. 818.

Road-sides, May, A. Common.

224. *Chervil Shepherd's-Needle*. — *S. Cerefolium*.  
 Seeds glossy, on long fruitstalks. — Black-  
 well. 236.

Road-sides, May, A. Rare.

Goldington Road-side.

*Chervil*. CHAEROPHYLLUM — Gen. Pl. 490.  
 Fence bent back, concave: Petals heart-  
 shaped, bent in. Fruit oblong, smooth.

225. *Common Chervil*. — *C. sylvestre*.

Stem smooth, scored, knees swollen. — Cur-  
 tis. IV. 25. Martyn. 96. Sowerby. 752.

Pastures under Hedges, May, P. Common.

226. *Small Chervil*. — *C. temulentum*.

Stem rough, knees swollen. — Curtis. VI.

24. Sowerby. 1521.

Under Hedges, June, B. Common.

C. without

V. Males. II Females. Pen. Di.

C. without stems or tendrils.

*Pastinaca*. PASTINACA. Gen. Pl. 494.

Fruit elliptical, compressed, flat: Petals  
 entire, rolled in.

227. *Wild Parsnip*. — *P. silvestris*.

Leaves deeply winged. — Martyn. 23. Sowerby. 556.

Road-sides, June, A. Common.

*Pastinaca*. PASTINACA. Gen. Pl. 494.

Fruit oblong, curved: Petals pointed, rolled

228. *Greater Chervil*. — *S. Globosum*.

Stems leaves in threes, on leafstalks serrated.

Sowerby. 230. 1397.

Under Hedges, May, B. Rare.

Flower — Bromfield — Outcrop

*Chervil*. CHAEROPHYLLUM. Gen. Pl. 494.

Fruit nearly ovate, flattened: Petals rolled

in, entire.

229. *Fennel*. — *F. Foeniculum*.

Washed with Sowerby. 1208.

Spring and damp soils, July, D. Rare.

Overholt, in a deep ditch near the Church.

*Chervil*. CHAEROPHYLLUM. Gen. Pl.

Fruit ovate-oblong, flattened: Petals at a leaf.

Petals entire, rolled in, serrated.

R. 3

Common



V Males. II Females. Pen. Di,

C. without fences or fencelets.

*Parsnep.* PASTINACA. Gen. Pl. 494.

Fruit elliptical, compressed, flat: Petals entire, rolled in.

227. *Wild Parsnep.* — *P. sylvestris.*

Leaves simply winged. — Martyn. 83. **Sowerby. 556.**

Road-sides, July, B. Common.

*Alisanders.* SMYRNIUM. Gen. Pl. 495.

Fruit oblong, scored; Petals pointed, keeled.

228. *Common Alisanders.* — *S. Olus atrum.*

Stem-leaves in threes, on leafstalks, serrated. — Sowerby. 230. admirable.

Under Hedges, May, B. Rare.

*Elstow,—Ravensden,—Oakley.*

*Dill.* ANETHUM. Gen. Pl. 364.

Fruit nearly ovate, flat, scored: Petals rolled in, entire.

229. *Fennel.* — *A. Fœniculum.*

Woodville. 160. **Sowerby. 1208** —

Springs and chalky Soils, July, B. Rare.

*Eversholt, in a deep Ditch near the Church.*

*Carrarways.* CARUM. Gen. Pl.

Fruit ovate-oblong, scored; Fence of 1 leaf. Petals keeled, bent in, nicked.



V Males. II Females. Pen. Di.

230. *Common Carraways.* — *C. Carui.*

Sowerby. 1503. Martyn. 55.

Pastures, May, B. Rare.

Thurleigh.

Obs :

This Plant was first shewn to me by John Payne, brother of James Payne, the Oakley Herbarist.

*Burnet Saxifrage.* PIMPINELLA. Gen. Pl. 498.

Fruit ovate-oblong. Petals bent in. Stigmas roundish.

231. *Small Burnet Saxifrage.* — *P. Saxifraga.*

Leaves winged, root leaves nearly round, upper ones strap-shaped. — Martyn. 127. Sowerby. 407. admirable.

Dry Pastures, July, P. Common.

232. *Jagged Burnet Saxifrage.* — *P. dissecta.*

All the leaves winged, wings with many divisions, segments somewhat leafy, pointed. — Retz. Fasc. III. fig. 2.

Road-sides, July, P. Common.

233. *Great Burnet Saxifrage.* — *P. magna.*

All the leaves lobed, the odd lobe divided into three. — Sowerby. 408.

Woods, July, P. Common.

Parsley.



V Males. II Females. Pen. Di.

*Parsley.* APIUM. Gen. Pl. 499.

Fruit ovate, scored. Fence of 1 leaf, petals equal.

234. *Smallage.* — A. graveolens.

Stem leaves wedge-shaped. — Flora Danica.

790. *Sowerby.* 1210.

Wet Ditches, June, P. Rare.

*Medbury,*—*Wilsbamsted,*—*Goldington.*

*Goutweed.* ÆGOPodium. Gen. Pl. 500.

Fruit ovate-oblong, scored.

235. *Herb Gerard.* — Æ. Podagraria.

Upper leaves in threes.—Flora Danica. 670. *Sowerby* 940.

Woods, Hedges, June, P. Common.

V Males. III Females. Pen. Tri.

*Mealy-tree.* VIBURNUM. Gen. Pl. 503.

Cup 5 segments. Blossom 5 divisions. Berry 1 seed.

236. *Pliant Mealy-tree.* — V. Lantana.

Leaves heart-shaped, serrated, veined, woolly beneath. — *Sowerby.* 331. admirable.

Woods, Hedges, May, S. Common.

237. *Guelder Rose.* — V. Opulus.

Leaves lobed, leafstalks with glands. — *Sowerby.* 332. admirable.

Weeds,



V Males. III Females. Pen. Tri.

Woods, Hedges, May, S. Common.

*Elder.* SAMBUCUS. Gen. Pl. 505.

Cup 5 segments. Blossom 5 divisions. Berry  
3 seeds.

238. *Dwarf Elder.* — S. Ebulus.

*Sowerby 475.* Cymes with 3 props, stipulæ leafy, stem her-  
baceous. — Curtis. III. 18. Woodville.  
260.

Hedges, July, S. Common.

239. *Common Elder.* — S. nigra.

Cymes with 5 props, stem woody. — Flora  
Danica. 545. *Sowerby 476.*

Hedges, June, S. Common.

*Chickweed.* ALSINE. Gen. Pl. 518.

Cup of 5 leaves. Petals 5, equal. Capsule  
1 cell, 3 valves.

240. *Common Chickweed.* — A. media.

Petals nicked, leaves ovate-heart-shaped. —

*Bellonia media.* Curtis I. 20. admirable. *Sowerby 537.*

Fields, Gardens, April, A. Common.

V Males. IV Females. Pen. Tetr.

*Grass of Parnassus.* PARNASSIA. Gen. Pl. 523.

Cup 5 segments. Petals 5. Nectaries 5,  
heart-shaped, fringed, points globular. Cap-  
sule 4 valves.

Marsh



V Males. IV Females. Pen. Tetr.

241. *Marsh Parnassia*. — *P. palustris*.  
Sowerby. 82. Flora Danica. 584. admirable.  
Bogs, July, P. Rare.

*Stevington.—Turvey,—Amptbill.*

V Males. V Females. Pen. Pen.

*Flax*. LINUM. Gen. Pl. 528.

Cup 5-leaved, petals 5. Capsule 5 valves,  
10 cells, seeds solitary.

242. *Common Flax*. — *L. usitatissimum*.

Cups and capsules pointed, petals slightly  
notched, leaves lance-shaped, alternate, stem  
nearly single. — Martyn. 133. Woodville.

111. **Sowerby. 1357.**

Cornfields, July, A. Rare.

*Barton Hill.*

243. *Purging Flax*. — *L. catharticum*.

Leaves opposite, ovate-lance-shaped, stem  
forked, blossoms pointed. — Curtis. III.  
19. Martyn. 135. Sowerby. 382.

Pastures, June, A. Common.

*Sundew*. DROSEREA. Gen. Pl. 531.

Cup of 5 divisions, Petals 5. Capsule 1-  
celled, opening with 5 valves: Seeds many.

244. *Round-leaved Sundew*. — *D. rotundifolia*.

Stems



V Males. V Females. Pen. Pen.

Stems from the root, leaves round — Flora Danica. 1028. **Sowerby. 867.**

Bogs, July, P. Rare.

*Amptbill.*

245. *Long-leaved Sundew*, — *D. longifolia*.

Stems from the root, leaves oval-oblong. — Petiver. LXIII. 11. **Sowerby. 868.**

Bogs, July, P. Rare.

*Amptbill Bogs.*

246. *Great Sundew*. — *D. anglica*.

Leaves oblong, stems from the root, eight female organs in the flower. — Petiver. LXIII. 12. **Sowerby. 869.**

Bogs, July, P. Extremely rare.

*Amptbill Bogs.*

V Males. Many Females. Pen. Poly.

*Mousetail*. MYOSURUS. Gen. Pl. 538.

Cup 5-leaved, growing together at the base, nectaries 5, awl-shaped, like petals; Seeds numerous.

247. *Least Mousetail*. — *M. minimus*.

**Sowerby. 435.** Flora Danica, 406, Curtis. IV. 26.

*admirable*. Cornfields, June, A. Rare.

*Biddenham, — Fenlake, — Caldwell.*

Obs:

V Males. Many Females. Pen. Poly.

No one has observed the natural simplicity and elegance of this little plant, who has not seen the petals and calyx of four-lobed flowers, before the seed-blossom produced. The organs of the male division of the flower appear for several months and more of the year.

VI Males. I Female. Her. Mo. Petals 5, concave. Honey-cup of 5 petals, erect, summit cupped.

248. *Common Sagwort*. — *S. arvensis*. Sowerby. Bottom of Mountains, April, P. Rare. Sandy Hills.

*Daffodil*. Narcissus. Gen. Pl. 540. Six petals, equal. Honey-cup funnel-shaped, of 1 leaf. Threads within the honey-cup.

249. *Pink Daffodil*. — *N. pseudo-narcissus*. Sowerby. Woods and Hedges, April, P. Rare.

*Handwritten notes:* 248. Common Sagwort. Sowerby. Bottom of Mountains, April, P. Rare. Sandy Hills. 249. Pink Daffodil. Sowerby. Woods and Hedges, April, P. Rare.



V Males. Many Females. Pen. Poly.

Obs :

No one has observed the natural simplicity and elegance of this little plant, who has not seen the petals and parts of fructification, before the seedspike is produced. The organs of the male division of the flower often far exceed the limits and number of the class.

C L A S S. VI.

VI Males. I Female. Hex. Mo.

Snow-drop. GALANTHUS. Gen. Pl.

Petals 3, concave. Honey-cup of 3 small petals, nicked, summit simple.

248. Common Snowdrop. — G. nivalis.

Sowerby. 19.

Bottom of Mountains, April, P. Rare.

Sandy Hills.

Daffodil. NARCISSUS. Gen. Pl. 550.

Six petals, equal : Honey-cup funnel-shaped, of 1 leaf. Threads within the honey-cup.

249. Pale Daffodil. — N. pseudo-narcissus.

Sheath with 1 flower, nectary bell-shaped, erect, crimp, equalling the ovate petals. — Sowerby. 17.

Woods and Hedges, April, P. Rare.

Clapham,—Warden.

L

Garlick.

249.

Melchbourne Wood - 1799.

St. Anne's L. St. John



VI Males. I Female. Hex. Mo.

*Garlick.* ALLIUM. Gen. Pl. 557.

Blossom of 6 divisions, expanding. Sheath of many flowers. Umbel crowded. Capsule superior.

250. *Crow Garlick.* — A vineale.

Stem with cylindrical leaves and bulbs, threads with 3 points. — Petiver. LXVI. 1.

Meadows, June, P. Common.

251. *Ramson Garlick.* — A. ursinum.

Stalk naked, three-square, leaves spear-shaped, on leafstalks, umbel flat at the top. — Sowerby. 122. admirable.

Moist Woods, May, P. Rare.

*Whipsnade, near Dunstable.*

*Hyacinth.* HYACINTHUS. Gen. Pl. 577.

Blossom bell-shaped. 3 honey-cup pores at the point of the germ.

252. *Hare bells.* — H. non-scriptus

Blossoms with 6 segments, bell-shaped, turned back at the point. — Curtis. II. 18.

Sowerby. 377.

Woods, May, P. Common.

*Tulip.* TULIPA. Gen. Pl.

Blossom of 6 petals, bell-shaped: style none.

Wild



VI Males. I Female. Hex. Mo.

253. *Wild Tulip*. — *T. sylvestris*.  
Flower solitary, somewhat drooping, leaves lance-shaped, stigma obtuse triangular, stamens hairy at the base. — (*English Botany*.)  
*Flora Danica*. 375. *Sowerby*. 63. admirable.

Old Chalkpits, April, P. Rare.

*Whipsnade*. on the borders of *Hertfordshire*,  
*Rev. D. Jenks*.

Obs :

Outer coat of the obovate bulb tawny. Tips of the petals hairy.

*Fritillary*. FRITILLARIA. Gen. Pl. 559.

Blossom of 6 petals, bell-shaped, with a cavity containing honey above the claws. Threads as long as the blossom.

254. *Chequered Fritillary*. — *F. Meleagris*.

All the leaves alternate, stem with 1 flower.  
*Curtis*. III. 20. *Sowerby*. 622.

Moist Meadows, April, P. Rare.

*Bromham*.

*Star of Bethlehem*. ORNITHOGALUM. Gen. Pl. 566.

Blossom of 6 petals, upright, continuing, expanding more than half way. Threads alternate, broad at the base.

L 2

Common



VI Males. I Female. Hex. Mo.

255. *Common Star of Bethlehem.* - *O. umbellatum.*

Flowers in flat-topped spikes, fruitstalks higher than the stem, threads broadest at the base. — Sowerby. 130.

Pastures and Heaths, May, P. Rare.

*Everton Heath.*

256. *Spiked Star of Bethlehem.* - *O. pyrenaicum.*

Bunch of flowers very long, threads spear-shaped, flower-bearing fruitstalks expanding, equal : when in seed approaching the stalk. —

Johnson's Gerard. 97. *Sowerby 499.*

Pastures and Hedges, June, P. Rare.

*Between Eaton-Socon and Thurleigh.*

*Convally.* CONVALLARIA. Gen. Pl. 575.

Blossom of 6 segments; Berry spotted, 3 cells.

257. *Lilly of the Valley.* — *C. maialis.*

Stalk bare, half-rounded, leaves elliptical. —

(Aiton.) Curtis. V. 24. (See our fig.

No. 2.) *Sowerby. 1035.*

Woods, May, P. Rare.

*Aspley Wood.*

*Obs:*

*The leaves are rather egg-spear-shaped than elliptical.*

*Solomon's*





## VI Males. I Female. Hex. Mo.

258. *Solomon's Seal*. — *C multiflora*.  
 Leaves alternate, embracing the stem, stem  
 round, fruitstalks from the bosom of the  
 leaves, bearing many flowers. — Sowerby.  
 279.  
 Woods, May, P. Rare.  
*Thurleigh Wood.*

*Spiderwort*. ANTHERICUM. Gen. Pl.  
 Blossom of 6 petals, expanding. Capsule  
 ovate.

259. *Lancashire Asphodel*. — *A. ossifragum*.  
 Leaves sword-shaped, threads woolly. —  
 Flora Danica. 42. **Sowerby, 535.**  
 Bogs, July, P. Rare.  
*Amptbill Bogs.*

*Reed*. ACORUS. Gen. Pl. 586.  
 Spike cylindrical, covered with florets, Blossoms (having 6 petals) naked, style none.  
 Capsule 3-celled.

260. *Sweet Reed*. — *A. Calamus*.  
 Sowerby. 356. Woodville. 173.  
 Stagnant Waters, July, P. Rare.

*Moat, at the Hassocks Farm.*

*Purslane*. PEPLIS. Gen. Pl. 603.



## VI Males. I. Female. Hex. Mo.

Cup bell-shaped, orifice with 12 clefts. Petals 6, inserted in the cup, capsule 2-celled.

261. *Water Purslane*. — P. Portula.

Stem creeping, flowers in the wings of the leaves, petals very minute and fugacious.

— Curtis. IV. 27. admirable. Flora Danica. 64. **Sowerby. 1211.**

Bogs, July, A. Rare.

*Amptbill Bogs.*

Obs :

The plant is absolutely prostrate, bearing reddish flowers sitting at every joint : The allotted number of rose-colored petals is seldom compleat.

*Rush*. JUNCUS. Gen. Pl. 590.

Cup of 6 leaves. Blossom none. Capsule 1-celled.

262. *Clustered Rush*. — J. conglomeratus.

Stalk naked, upright, head on one side. —

Leers. XIII. 1. **Sowerby. 835.**

Meadows and Heaths, July, P. Common.

263. *Soft Rush*. — J. effusus.

Stalk naked, upright, panicle on one side. —

**Sowerby. 836.** Leers. XIII. 2. ~~Sowerby 835~~

Road-sides, July, P. Common.

264. *Hard Rush*. — J. inflexus. **S.D. Kent**

Stalk



266.

\* Dwarf Meadow Rush - J. uliginosus.  
Leaves like bristles, stem upright,  
transversely jointed, panicle diffuse  
and compound -

Pastures and Commons. June. P. Rare.

Friar's Pastures.

Obs:

This plant does not in its outward appearance bear the smallest resemblance to the J. compressus No. 266. of this work, its stem and leaves are perfectly cylindrical, nor can you perceive the smallest trace of a knot in the whole plant, but when you hold it up to the light, the transverse partitions may be observed -

VI Males. I Female. Hex. Mo.

Stalk naked, scored, of a sea-green color,  
leaf-scales brown at the base, panicle on one  
side, scattered. — Leers. XIII. 3. Sowerby. 665.

Heaths and Pastures, July, P. Common.

265. Moss Rush. — J. squarrosus.

Stalk naked, leaves bristle-shaped, heads  
leafless, clustered. — Flora Danica. 430. Sowerby. 933.

Heaths, July, P. Rare.

Amphill Heath.

266. Flat-stalked Rush. — J. compressus.

Stalk leafy, trailing, leaves flatted, jointed  
with knots, panicle compound. — Sowerby.  
238.

Wet Places, July, P. Common.

267. Viviparous Rush. — J. viviparus.

Stalk branched, leaves bristle-shaped, flowers  
in bundles, sitting upon the branches. —  
(Haller.) Plukenet. XXXII. 3. Sowerby. 801.

Bogs, July, P. Rare.

Amphill Bogs.

268. Bulbous Rush. — J. bulbosus. S. D. sent.

Leaves strap-shaped, channelled, capsules  
blunt. — Flora Danica. 431. Sowerby. 934.

Pastures and Heaths, July, P. Rare.

Amphill Bogs, — Potton Marshes.

Toad



VII Males. I Female. Hex. Mo.

269. *Toad Rush.* — *J. bufonius.*  
Stem forked, leaves angular, flowers single,  
sitting. — Leers. XIII. 8. **Sowerby. 802.**

Wet Places, July, A. Common.

270. *Hairy Wood Rush.* — *J. pilosus.*

Leaves flat, hairy, flat-topped spike branched,  
flowers single. — Curtis. V. 25.

Woods, April. P. Common.

271. *Great Hairy Wood Rush.* — *J. sylvaticus.*

Leaves flat, hairy, flat-topped spike com-  
pound, flowers in bundles, sitting. — Curtis.  
V. 26.

Woods, May, P. Common.

272. *Hairy Field Rush.* — *J. campestris.*

Leaves flat, hairy, spikes sitting and on fruit-  
stalks. — Curtis. II. 19. **Sowerby. 672.**

Pastures, April, P. Common.

*Barberry.* BERBERIS. Gen. Pl. 595.

Cup of 5 leaves. Petals 6, with 2 glands at  
the claws. Style none. Berry 2-seeded.

273. *Common Barberry.* — *B. vulgaris.*

Fruitstalks in bunches. — Sowerby. 49.  
Woodville. 234.

Hedges, May, S. Rare.

Clapham Lane, — Milton Ernys.

Dock.



VI Males. III Females. Hex. Tri.

Dock. RUMEX. Gen. Pl. 613.

Cup 3 leaves. Petals 3, approaching, seed  
1 three-square.

274. *Bloody Dock*. — *R. sanguineus*.

Leaves without red veins. — (Stokes) Curtis.

III. 21. *Sowerby*. 724.

Woods and Road-sides, July, P. Common.

275. *Curled Dock*. — *R. crispus*.

Flowers with both male and female organs,  
valves entire with grains, leaves spear-  
shaped, waved, pointed. — Curtis. II. 20.

Pastures and Road-sides, July, P. Common.

276. *Golden Dock*. — *R. aureus*.

Whorls crowded, when ripe resembling a  
spike, flowers golden yellow. — Petiver. II.

8. Raii. p. 142. *Lapathum aureum*. *Sowerby*. 725.

Marshes, July, P. Rare.

*Goldington Green*.

277. *Blunt-leaved Dock*. — *R. obtusifolius*.

Flowers with both male and female organs,  
valves toothed, with grains, leaves heart-  
shaped, oblong, bluntish, crenated. — Cur-  
tis. III. 22.

Road-sides, July, P. Common.

M

*Fiddle*

Obs:

The valve with its lateral fringes  
forms a not inapt, tho' distant  
representation of a spider.



VI Males. III Females. Hex. Tri.

278. *Fiddle Dock*. — *R. pulcher*.

Flowers with both male and female organs,  
*Sowerby. 1576.* valves toothed, nearly simple, with a grain,  
 root leaves fiddle-shaped. — *Petiver. II. 10.*

Church-yards and Road-sides, July, P. Common.

279. *Water Dock*. — *R. Hydrolapathum*.

Flowers with both male and female organs,  
 valves entire with grains, leaves pointed,  
 lance-shaped. — *Woodville. 178.*

Ditches and Rivers, July, P. Common.

280. *Sheep's Sorrel*. — *R. Acetosella*.

Flowers male and female on separate plants,  
 leaves between spear and halberd-shaped. —  
*Sowerby. 1674.* *Curtis. V. 29.*

Heaths, July, P. Common.

*Obs :*

*Plant diœious. Root brown, leaves mostly halberd-shaped, often turned inwards. Habit of the plant so various as sometimes to be no more than 3 inches high, in a richer soil it rises to 8 inches, or even a foot.*

281. *Common Sorrel*. — *R. Acetosa*.

Flowers male and female on separate plants,  
 leaves oblong, arrow-shaped. — *Sowerby.*  
 127.

Pastures, June, P. Common.

*Arrow-Grass.*



VI Males. III Females. Hex. Tri.

*Arrow-Grass.* TRIGLOCHIN. Gen. Pl. 166.  
Cup of 3 leaves. Petals 3, cup-shaped. Style  
none. Capsule opening at the base.

282. *Marsh Arrow-Grass.* — *T. palustre.*  
Capsules with 3 cells, nearly strap-shaped. —  
Sowerby. 366. Flora Danica. 490.  
Marshes, July, P. Rare.

*Hassock's Meadow, — Amptbill Bogs.*

*Meadow Saffron.* COLCHICUM. Gen. Pl. 621.  
A sheath. Blossom with 6 segments, the  
tube coming from the root. Capsules 3,  
connected, inflated.

283. *Common Meadow Saffron.* — *C. autumnale.*  
Leaves flat, spear-shaped, straight. — Sow-  
erby. 133. Woodville. 177. Martyn. 60.  
Wet Meadows, September, P. Rare.

*Bayford, — Thurleigh.*

VI Males. Many Females. Hex. Poly.

*Water Plantain.* ALISMA. Gen. Pl. 625.  
Cup of 5 leaves. Petals 3. Seeds many.

284. *Great Water Plantain.* — *A. Plantago.*  
Leaves ovate, sharp, seeds 3-square, blunt. —  
Curtis. V. 27. Flora Danica. 561. **Sowerby. 837.**  
Ditches, July, P. Common.

M 2 *Small*



VI Males. Many Females. Hex. Poly.

285. *Small Water Plantain.* - *A. ranunculoides.*

Leaves strap-spear-shaped, fruit round, scurfy. — Sowerby. 326. Flora Danica. 122.

Bogs, June, P. Rare.

*Amptbill Bogs.*

C L A S S. VIII.

VIII. Males. I Female. Oct. Mo.

*Willow Herb.* EPILOBIUM. Gen. Pl. 639.

Cup 4 segments. Petals 4. Capsule oblong, inferior seeds downy.

286. *Rosebay Willow Herb.* - *E. angustifolium.*

Leaves scattered, strap-spear-shaped, flowers unequal. — Curtis. II. 24. Flora Danica.

289.

Woods, June, P. Rare.

*Near Dunstable.*

287. *Codlings and Cream.* — *E. hirsutum.*

Leaves opposite, spear-shaped, serrated, running down and embracing the stem. —

Sowerby. 030. Curtis. II. 21. Flora Danica. 326.

Wet Ditches, July, P. Common.

288. *Woolly Willow Herb.* — *E. villosum.*

Leaves oblong, spear-shaped, toothed, downy, stem round, woolly. — Curtis. II. 22. Flora

Danica. 347. Sowerby. 795.

Wet



VIII Males. I Female. Oct. Mo.

Wet Ditches, July, P. Common.

289. *Smooth Willow Herb.* — *E. montanum.*

Leaves opposite, ovate, toothed. — Curtis.

III. 24. **Sowerby 1177**

Woods, July, P. Common.

290. *Square-stalked Willow Herb.* — *E. tetragonum.*

Leaves spear-shaped, with small teeth, stem 4-square, stigma entire. — Curtis. II. 23.

Boggy Places, July, P. Rare.

*Amptbill Bogs.*

291. *Marsh Willow Herb.* — *E. palustre.*

Leaves opposite, spear-shaped, very entire, petals nicked, stem upright. — Sowerby. 346.

Bogs, July, P. Rare.

*Amptbill Bogs, — Stevington Bogs.*

*Obs :*

Very like the tetragonum, but differing in a round stem, leaves narrower, almost entire.

*Yellow Wort.* CHLORA. Gen. Pl. 653.

Cup of 8 leaves. Blossom of 1 petal, 8 divisions, capsule 1-cell, 2 valves, many seeds; stigma cloven into 4.

*Perfoliate*



VIII Males. I Female. Oct. Mo.

292. *Perfoliate Yellow Wort.* — *C. perfoliata.*

Leaves perforated by the stem. — Sowerby.  
60.

Pastures in a limestone soil, July, A. Rare.

*Milton Hill, — Brombam Pastures.*

*Whorts.* VACCINIUM. Gen. Pl. 658.

Blossom 1 petal. Threads fastened to the  
receptacle. Berry with 4 cells and many  
seeds.

293. *Black Whorts.* — *V. Myrtillus.*

Fruitstalks bearing 1 flower, leaves serrated,  
ovate, falling off, stem angular. — Sowerby.  
456. admirable.

Woods, April, S. Rare.

*Aspley Wood.*

294. *Cranberry.* — *V. Oxycoccus.*

Leaves very entire, turned back, ovate, stems  
creeping, thread-shaped, naked. — Sowerby.  
319. admirable. Flora Danica. 80.

Bogs, June, S. Rare.

*Amptbill Bogs, — Potton Marshes.*

*Obs:* Leaves hoary underneath; Berries easily falling off.

*Heath.*



VIII Males. I Female. Oct. Mo.

Heath. ERICA. Gen. Pl. 659.

Cup of 4 leaves. Blossom 4 segments. Threads fixed to the receptacle. Anthers cloven in two. Capsule 4-celled.

295. Common Heath. — E. vulgaris.

Anthers awned, blossoms bell-shaped, nearly equal, cups double, leaves opposite, arrow-shaped. — Curtis. V. 30.

Heaths, July, S. Common.

296. Cross-leaved Heath. — E. tetralix.

Anthers awned, blossoms ovate, style within the flower, leaves in fours, fringed, flowers in heads. — Curtis. I. 21.

Wet Heaths, July, S. Rare.

*Amphill Bogs, — Potton Marshes.*

Obs :

Leaves fringed, and the fringes surmounted by a globule, growing in ranks by fours. Flowers round, beautiful pale pink, flowering in a half circle.

Mezereon. DAPHNE. Gen. Pl. 664.

Cup none. Blossom 4 segments, of the true figure of a corolla, withering, inclosing the Threads. Berry with 1 seed.

297. Spurge Laurel. — D. Laureola.

Bunches



VIII Males. I Female. Oct. Mo.

Bunches from the bosom of the leaves,  
containing 5 flowers, leaves spear-shaped,  
smooth. — Sowerby. 119.

Woods, March, S. Common.

VIII Males. III Females. Oct. Tri.

*Knot Grass.* POLYGONUM. Gen. Pl. 677.

Cup none. Blossom 5 segments of the na-  
ture of a cup: Seed 1 angular.

298. *Bistort.* — P. Bistorta.

Stem unbranched, with a single spike, leaves  
ovate, running down into a leafstalk. —

Curtis. I. 22. Woodville. 34. **Sowerby. 509.**

Wet Meadows, May, P. Rare.

*Hyde Mill, Luton, — Thurleigh.*

Obs:

*Root turning inwards at bottom, leaves sheathing, veiny, so  
as to have the appearance of network, flowers in a close spike.*

299. *Amphibious Persicaria.* — P. amphibium.

Five males in the flower, styles cloven, spike  
ovate. — Curtis. IV. 28. **Sowerby. 436. admirable**

Wet Ditches, July. P. Common.

300. *Common Persicaria.* — P. Persicaria.

Six males in the flower, styles cloven, spikes  
ovate, oblong, leaves spear-shaped, leaf-  
scales, fringed. — Curtis. I. 23.

**Sowerby. 750.**

Cornfields



VIII Males. III Females. Oct. Tri.

Cornfields and Ditches, August, A. Common.

301. *Pale Persicaria*. — *P. lapathifolium*.

Six males in the flower, styles cloven, leaf-scales without fringes, fruitstalks rough, seeds flatted on both sides. — (*Sibthorpe.*)

Curtis. I. 24. **Sowerby 1382.**

Dunghills, August, A. Common.

302. *Biting Persicaria*. — *P. Hydropiper*.

Six males in the flower, style divided half way, leaves spear-shaped, leaf-scales scarcely fringed. — Curtis. I. 26. Blackwell. 119. **Sowerby. 989.**

Wet Places, September, A. Common.

303. *Small Persicaria*. — *P. minus*.

Six males in the flower, style slightly divided, leaves between strap and spear-shaped, stem creeping at the base. — Curtis. I. 28. **Sowerby. 1043.**

Wet Places, September, A. Rare.

*Elstow, — Goldington.*

*Obs:*

*Our plant is much smaller than Mr. Curtis's figure, and the stems shorter, but that Gentleman's description of the style and leaves is very accurate.*

304. *Bird's Knot Grass*. — *P. aviculare*.

N

Eight



VIII Males. III Females. Oct. Tri.

Eight males and 3 females in the flowers,  
from the bosom of the leaves. Leaves spear-  
shaped, stem herbaceous, trailing. — Mar-  
tyn. 91. admirable. Curtis. I. 27.

Sowerby. 1252.

Cornfields, June. A. Common.

305. *Buckwheat*. — *P. Fagopyrum*.

Leaves heart-arrow-shaped, stem nearly up-  
right, without prickles, angles of the seeds  
even. — Martyn. 46. admirable. Sowerby. 1064.

Woods, July, A. Rare.

Wootton Wood.

306. *Climbing Buckwheat*. — *P. Convolvulus*.

Sowerby. 941.

Leaves heart-shaped, stem twining, angular,  
flowers blunted. — Curtis. IV. 29.

Cornfields, July, A. Common.

VIII Males. IV Females. Oct. Tetr.

*Herb Paris*. PARIS. Gen. Pl. 683.

Cup 4 leaves. Petals 4, narrower than the  
cup. Berry with 4 cells.

307. *Common Herb Paris*. — *P. quadrifolia*.

Blackwell. 286. Sowerby. 7.

Woods, May, P. Rare.

Hawnes, — Renbold, — Clapham Park Wood.

Moschatel.



VIII Males. IV Females. Oct. Tetr.

Moschatel. ADOXA. Gen. Pl. 684.

Cup 2 segments, inferior. Blossom 4 or 5 segments, superior. Berry 4 or 5 cells, united with the cup.

308. Tuberos Moschatel. — A. Moschatellina.

Curtis. II. 26. Sowerby. 453.

Woods, April, P. Rare.

Aspley,—Renbold,—Clapham.

Obs :

Leaves rising from a root that is hollow within, shaped like those of rue and growing in a tuft. One vertical stem, bearing a roundish head of flowers, between 2 opposite leaves. Flowers with 4 divisions, pale brimstone-colored, musky.

C L A S S . IX.

IX Males. VI Females. Enn. Hex.

Gladiole. BUTOMUS. Gen. Pl. 693.

Cup none. Petals 6. Capsule 6-celled, with many seeds.

309. Flowering Rush. — B. umbellatus.

Curtis. I. 29. admirable. Sowerby. 655.

Banks of Rivers, June, P. Rare.

Obs :

Stature 3 feet and more, 3 floral leaves like a fence, bent back; Flowers on long fruitstalks, 10 to 24 in number. Leaves rolled in at the end, 3-square.

N 2

Bird's



## CLASS. X.

X Males. I Female. Dec. Mo.

*Bird's Nest.* MONOTROPA. Gen. Pl. 737.

Cup none. Petals 10, 5 outer ones hollowed at the base, with honey cups. Capsule 5 valves.

310. *Primrose-scented Bird's Nest.* — M. Hypopithys.

Sowerby. 69. Flora Danica. 232.

Beech Woods, July. P. Rare.

*Hostler's Wood, near Market-street.* (Joseph Sibley, Esq.)*Winter Green.* PYROLA. Gen. Pl. 752.

Cup 5 segments. Petals 5. Capsule opening with 5 angles.

311. *Small Winter Green.* — P. minor.

Flowers in bunches, scattered, threads and styles erect. — Sowerby. 158. Flora Danica.

55.

Woods, July, P. Rare.

*Whipsnade, — Woods near Luton.*

X Males. II Females. Dec. Di.

*Golden Saxifrage.* CHRYSOSPENIUM. Gen. Pl. 763.

Cup 4 or 5 segments, colored. Blossom none. Capsule with 2 beaks, 1-cell, and many seeds.

Common



X Males. II Females. Dec. Di.

312. *Common Golden Saxifrage.* — *C. oppositifolium.*

Leaves opposite. — Curtis, II. 27. Sowerby.

490. Flora Danica. 365.

Wet Ditches, April, P. Rare.

*Eversholt.*

*Obs:*

*The terminal flower with us has always 10 males.*

*Saxifrage.* SAXIFRAGA. Gen. Pl. 764.

Cup 5 segments. Blossom 5 petals. Capsule 2 beaks, 1-cell, many seeds.

313. *White Saxifrage.* — *S. granulata.*

Stem leaves kidney-shaped, lobed, stem branched. Root with granulations. — Curtis, I. 30. Flora Danica. 514. Woodville.

*Sowerby*  
500.

232.

Dry Pastures, May, P. Common.

314. *Rue-leaved Saxifrage.* — *S. tridactylites.*

Stem leaves wedge-shaped, 3-fingered, alternate, stem upright, branched. — Curtis, II.

28. *Sowerby. 501.*

Walls, April, A. Common.

*Knawel.* SCLERANTHUS. Gen. Pl. 767.

Cup of 1 leaf. Blossom none. Seeds 2, inclosed in the cup.

*Annual*



X Males. II Females. Dec. Di.

315. *Annual Knawel.* — *S. annuus.*  
Cups open when the seed is ripe.—Sowerby.  
351.

Cornfields, June, A. Common.

*Sopewort.* SAPONARIA. Gen. Pl. 769.

Cup of 1 leaf, naked. Petals 5, with small  
claws. Capsule oblong, 1-celled.

316. *Common Sopewort.* — *S. officinalis.*

Cups cylindrical, leaves ovate-spear-shaped.—

Curtis. II. 29. Woodville. 251. **Sowerby. 1060.**

Hedges and Walls, August, P. Rare.

*Bromham,*—*Sbarnbrook.*

*Pink.* DIANTHUS. Gen. Pl. 770.

Cup of 1 leaf cylindrical, with 4 scales at the  
base. Petals 5, with small claws. Capsule  
cylindrical, 1-celled.

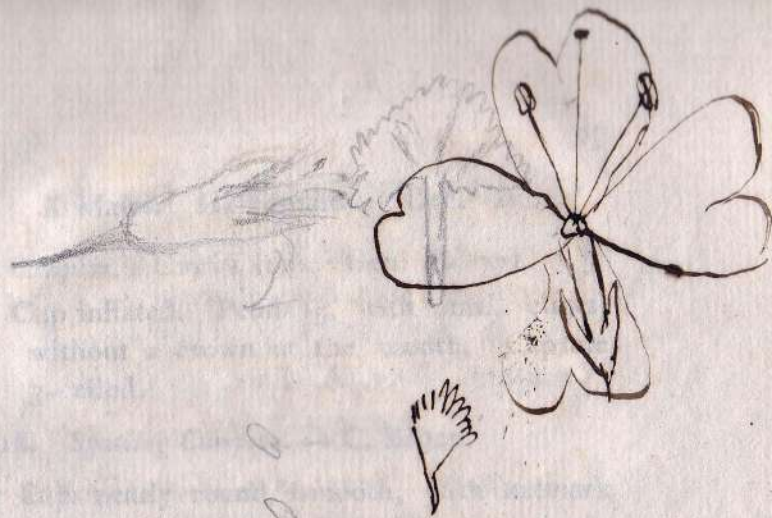
317. *Maiden Pink.* — *D. deltoides.*

Flowers solitary, cup-scales 2, spear-shaped,  
blossoms crenated. — Sowerby. 61. admir-  
able. Flora Danica. 577.

Sandy Hills, June, B. Rare,

*Everton,*—*Pegnut Hill near Potton.*

*Campion.*





X Males. III Females. Dec. Tri.

*Campion.* CUCUBALUS. Gen. Pl. 771.

Cup inflated. Petals 5, with small claws, without a crown at the mouth. Capsule 3-celled.

318. *Spatling Campion.* — C. Behen.

Cups nearly round, smooth, with network veins, capsules 3-celled, blossoms nearly naked. Sowerby. 164.

Cornfields, June, P. Common.

*Catch-fly.* SILENE. Gen. Pl. 772.

Cups bellying. Petals 5 with small claws, with a crown at the mouth. Capsule 3-celled.

319. *Night Catch-fly.* — S. noctiflora.

Cups with 10 angles, teeth the length of the tube, stem forked, petals nicked. — Sowerby. 291. admirable.

Cornfields, July, A. Rare.

Oakley West Field.

Obs :

The first flower is conspicuous in the fork of the plant when in seed. Cup with the appearance of network. Petals expand at six in the evening and are odoriferous.

320. *English Catch-fly.* — S. anglica.

Hairy,



X Males. III Females. Dec. Tri.

Hairy, petals nicked, flowers upright. Fruit  
on reflected fruitstalks, alternate. — Curtis.

IV. 30. *Sowerby 1170* —

Cornfields, July, A. Rare.

*Woburn, — Barton.*

*Stitchwort.* STELLARIA. Gen. Pl. 773.

Cup of 5 leaves, open. Petals 5, cloven in  
two. Capsule 1-celled, many seeds.

321. *Great Stitchwort.* — *S. Holostea.*

Leaves spear-shaped, with fine serratures,  
petals cloven. — Curtis. II. 30.

Woods, Hedges, May, P. Common.

322. *Small Stitchwort.* — *S. graminea.*

Leaves strap-shaped, very entire, flowers in  
panicles. — Flora Danica. 414. *Sowerby 803.*

Meadows, July, P. Common.

323. *Middle Stitchwort.* — *S. media.*

Leaves strap-spear-shaped, very entire, sea-  
green color, alternately opposite, petals  
larger than the cup by the one half. —  
(*Sibthorpe.*) Petiver. LVIII. 2. *Sowerby 825.*

Boggy Ditches, July, P. Rare.

*Amphill Bogs, — Ford-End Ditches.*

324. *Bog Stitchwort.* — *S. uliginosa.*

Leaves

*Sowerby.*  
511.

3.



X Males. III Females. Dec. Tri.

Leaves spear-shaped, very entire, stem trailing. — Curtis. VI. 28. admirable. **Sowerby. 1074** — Rivulets and Bogs. June, A. Rare.

*Amptbill Bogs, — Kempston Pits. Clapham —*

*Sandwort. ARENARIA. Gen. Pl. 774.*

Cup of 5 leaves, open. Petals 5, entire. Capsule 1 valve, containing many seeds.

325. *Plantain Sandwort. — A. trinervia.*

Leaves ovate, pointed, ribbed, on leafstalks. — Curtis. IV. 31. **Sowerby. 1403.**

Wet Woods and Hedges, June, A. Common.

*Obs: X Males. V Dec Ten*

*Stem a span high. Twin-sister of Alsine media as to habit, but the leaves differ in being 3-ribbed. Capsules as in that plant hanging down. Nevertheless there is no defect in any one of the characteristics of the family.*

326. *Thyme-leaved Sandwort. — A. serpyllifolia.*

Leaves nearly ovate, pointed, sitting, blossoms shorter than the cup. — Curtis. IV. 32. **Sowerby. 923.**

Walls, June, A. Common.

*Obs:*

*Many stems from 3 to 4 inches long. Branches forked, leaves under a magnifier appearing fringed. Fruitstalks with 1 flower.*

O

Purple



X Males. III Females. Dec. Tri.

327. *Purple Sandwort.* — *A. rubra.*

Leaves thread-shaped, leafscales skinny at the edge, and sheathing. — Petiver. LIX. 8.

Sandy Fields, June, A. Rare. **Sowerby. 852.**

*Potton, — Sanay, — Amphill.*

328. *Fine-leaved Sandwort.* — *A. tenuifolia.*

Leaves awl-shaped, stem paniced, capsules erect, petals spear-shaped, shorter than the cup. — Sowerby. 219,

Walls, June, A. Rare.

*Newenham Wall.*

X Males. V Females. Dec. Pen.

*Stonecrop.* SEDUM. Gen Pl. 789.

Cup 5 segments. Blossom 5 petals. Honey-cup scales 5 at the base of the germ. Capsules 5.

329. *Orpine.* — *S. Telephium.*

Leaves flattish, serrated, flowers in a leafy flat-topped spike, stem erect. — Curtis. III. 25. **Sowerby. 1319.**

Woods, July, P. Rare.

*Aspley Wood.*

330. *Thick-leaved Stonecrop.* — *S. dasyphyllum.*

Leaves



X Males. V Females. Dec. Pen.

Leaves opposite, ovate, blunt, fleshy; stem weak, flowers scattered. — Curtis. III. 26.

Walls, June, P. Rare. **Sowerby 656.**

*Market-Street.*

*Obs:*

*Leaves large in proportion, growing together, often reddish. Flowers whitish pink, small. Threads 12.*

331. *White Stonecrop.* — *S. album.*

Leaves oblong, blunt, nearly cylindrical, sitting, expanding, tuft of flowers branched. —

Curtis. I. 31. Flora Danica. 66. **Sowerby. 1570.**

Walls, July, P. Rare.

*Stewington, — Sharnbrook.*

*Obs:*

*Flowers white, often flesh-colored.*

332. *Reflected Stonecrop.* — *S. reflexum.* **SD.** *sent*

Leaves awl-shaped, scattered, loose at the base, lower ones bowed back. — Flora

Danica. 113. **Sowerby. 695.**

Walls and Roofs, July, P. Common.

333. *Biting Stonecrop.* — *S. acre.*

Leaves nearly ovate, growing together and sitting, bellying, nearly upright, alternate.

Tuft of flowers parting into three. — Curtis. I. 32. Woodville. 231. **Sowerby. 839.**



X Males. V Females. Dec. Pen.

Walls and Banks, June, P. Common.

*Woodsorrel.* OXALIS. Gen. Pl. 794: \*

Cup of 5 leaves. Petals united by the claws.  
Capsules opening by angles, 5-cornered.

334. *Common Woodsorrel.* — O. Acetosella.

Stems bearing one flower, leaves in threes,  
leaflets inversely heart-shaped, hairy. — Cur-  
tis. II. 31. Woodville. 20. admirable.

Sowerby. 762.

Woods, April, P. Rare.

Aspley, — Ravensden, — Eversholt.

*Cockle.* AGROSTEMMA. Gen. Pl. 795.

Cup 1 leaf, leathery. Petals 5, with small  
claws. Border blunt, entire. Capsule 1-  
celled.

335. *Common Cockle.* — A. Githago.

Hairy, cups longer than the blossom, petals  
entire, naked. — Curtis. III. 27. Martyn.  
105. Flora Danica. 576. Sowerby. 741.

Cornfields, July, A. Common.

*Lychnis.* LYCHNIS. Gen. Pl. 796.

Cup of 1 leaf, oblong, smooth. Petals 5,  
with small claws. Border generally cloven.  
Capsule 5-celled.

336. *Ragged Lychnis.* — L. flos cuculi.

Petals

\* 334 O. corniculata.

In the wood behind Oakley

House.



X Males. V Females. Dec. Pen.

Petals divided into four, fruit nearly round.

— Curtis. I. 33. Flora Danica. 590. **Sowerby. 573.**

— Meadows, June. P. Common.

337. *Red & White Lychnis.* — *L. dioica.*

Male and female organs in separate plants.—

A. Curtis. II. 32. (red) B. Flora  
Danica. 792. (white) **Sowerby 1579.**

A. Hedges, June, P. Rare.

1580.

*Aspley, — Hazelwood Lane.*

B. Hedges, June P. Common.

*Mouse-ear.* CERASTIUM. Gen. Pl. 797.

Cup of 5 leaves. Petals cloven. Capsule

1-celled, opening at the point.

338. *Common Mouse-ear.* — *C. vulgatum.*

Leaves ovate, petals even with the cup, stems  
spreading. — Curtis. II. 34. **Sowerby. 790.**

Walls, Pastures, May, P. Common.

339. *Clammy Mouse-ear.* — *C. viscosum.*

Upright, woolly and clammy. — Curtis.

II. 35. **Sowerby. 789.**

Walls, Pastures, April, A. Common.

340. *Least Mouse-ear.* — *C. semidecandrum.*

Five males in the flower, petals nicked. —

Curtis. II. 33. **Sowerby. 1830.**

Walls, April, A. Common.

Field



X Males. V Females. Dec. Pen.

341. *Field Mouse-ear*. — *C. arvense*.

Leaves between strap and spear-shaped, blunt, smooth, blossoms larger than the cup. — Curtis. VI. 29. Sowerby. 93.

Cornfields, May, P. Rare.

*Kempston,—Ford-End,—Barton Hill.*

342. *Water Mouse-ear*. — *C. aquaticum*.

Leaves heart-shaped, sitting, flowers solitary, fruit hanging down. — Curtis. I. 34.

Sowerby. 538.

Wet Ditches, July, P. Common.

343. *Dwarf Mouse-ear*. — *C. pumilum*.

Five males in the flowers, petals cloven the length of the cup. Capsule twice as long as the cup. — Curtis. VI. 30.

Dry Banks, March, A. Rare.

*Amptbill,—Aspley.*

*Spurrey*. SPERGULA. Gen. Pl. 798.

Cup of 5 leaves. Petals 5, entire. Capsule ovate, 1-celled with 5 valves.

344. *Corn Spurrey*. — *S. arvensis*.

Leaves in whorls, 10 males in the flower. — Curtis. V. 31. Sowerby. 1535.

Cornfields, June, A. Common.

345. *Smooth Spurrey*. — *S. pentandra*. **SD.**

Leaves



X Males. V Females. Dec. Pen.

Leaves in whorls, 5 males in the flower. —

Ray's Synopsis. 351. **Sowerby 1536.**

Sandy Fields, August, A. Rare.

*Amptbill.*

346. *Knotted Spurrey.* — *S. nodosa.*

Leaves opposite, awl-shaped, smooth, stem

simple. — Flora Danica. 96. Curtis. IV. 34.

Bogs, July, P. Rare. **Sowerby. 694.**

*Amptbill, — Stevington.*

*Obs :*

*This plant sometimes lies trailing, and takes up more ground, more often it is simple and erect. Bearing a white flower, large out of proportion. The parts of fructification highly embellish this small but elegant plant.*

C L A S S. XI.

XII. Males. I Female. Dodec. Mo.

*Grasspoly.* LYTHRUM. Gen. Pl. 825.

Cup with 12 segments. Petals 6, inserted in the cup. Capsules with 2-cells and many seeds.

347. *Purple-spiked Grasspoly.* — *L. Salicaria.*

Leaves opposite, heart-spear-shaped, flowers in spikes, with 12 males in each. — Curtis.

III. 28. **Sowerby. 1061.**

Banks of Rivers, July, P. Common.

*Hyssop*



XII Males. I Female. V Dodec. Mo.

348. *Hyssop Grasspoly*. — *L. hyssopifolium*.

Leaves alternate, strap-shaped, 6 males in each flower. — Sowerby. 292. admirable.

Ditches and wet Situations, July, A. Rare.

*Goldington Green*, — *Oakley West Field*. ✕

Obs :

Stem 6 to 8 inches high, little branched, outermost branches at first spreading, then ascending. Flowers rather delicate, in the bosom of the leaves, pink, fugacious. Segments of the cup 12, as in the whole family, alternate ones bowed back.

XII Males. II Females. Dodec. Di.

*Agrimony*. AGRIMONIA. Gen. Pl. 830.

Cup with 5 teeth, surrounded by an outer cup. Petals 5. Seeds 2, in the bottom of the cup.

349. *Common Agrimony*. — *A. Eupatoria*.

*Sowerby*. 1335. Stem leaves winged, the odd one on a leafstalk, seeds rough with hair. — Curtis. V. 32.

*Woodville*. 258. *Martyn*. 37. admirable.

Pastures and Road-sides, July, P. Common.

XII Males. III. Females. Dodec. Tri.

*Dyer's Weed*. RESEDA. Gen. Pl. 831.

Cup of 1 leaf, divided. Petals jagged. Capsule opening with a mouth, 1-celled.

Yellow

80 Church Field 1000.



XII Males. III Females. Dodec. Tri.

350. *Yellow Dyer's Weed.* — *R. Luteola.*

Leaves spear-shaped, entire, with 1 tooth on either side at the base, cups with 4 segments. — Martyn. 40. Sowerby. 320.

Walls and Way-sides, June, A. Common.

351. *Base Rocket.* — *R. lutea.*

All the leaves in threes, lower ones winged. — Sowerby. 321.

Cornfields, June, A. Rare.

*Barton Hill.*

*Spurge.* EUPHORBIA. Gen. Pl. 832.

Blossom 4 or 5 petals, sitting on the cup.  
Cup 1 leaf, bellying. Capsule 3-berried.

352. *Petty Spurge.* — *E. Peplus.*

Umbels with 3 divisions, forked, fenecelets ovate, leaves very entire, inversely ovate, on leafstalks. — Curtis. I. 35. **Sowerby. 959** —

Gardens and Fields, July, A. Common.

353. *Dwarf Spurge.* — *E. exigua.*

Umbels with 3 divisions, forked, fenecelets spear-shaped, leaves strap-shaped. — Curtis. IV. 36. **Sowerby. 1336**.

Cornfields, June, A. Common.

354. *Sun Spurge.* — *E. helioscopia.*

P

Umbels



XII Males. III Females. Dodec. Tri.

Umbels with 5 divisions, smaller ones with 3,  
forked, fenelets inversely ovate, leaves  
Sowerby. 883. wedge-shaped, serrated. — Curtis. I. 36.

Gardens and Fields, July, A. Common.

355. *Wood Spurge*. — *E. amygdaloides*.

Umbels with many divisions, forked, fene-  
lets perforated by the stem, round, leaves  
blunt. — Sowerby. 256.

Woods, April, P. Common.

sent 356. *Broad-leaved Spurge*. — *E. platyphyllos*. S.D.

Umbel with 4 divisions, next 3, then forked,  
Fenelets with hairy keels, leaves serrated,  
spear-shaped, capsules warty.

Cornfields, July, A. Rare.

*In the Corn near Bedford.*

XII Males. Many Females. Dodec. Poly.

*House-leek*. SEMPERVIVUM. Gen. Pl. 837.

Cup 12 segments. Petals 12. Capsules 12,  
with many seeds.

357. *Common House-leek*. — *S. tectorum*.

Leaves fringed, off-sets expanding. — Cur-  
tis. III. 29. Sowerby 1320

Walls and Houses, June, P. Common.

CLASS.

one of Dr. Smith's desiderata.

\* 356. *Cypress Spurge* *P. Cyparissias*.

Umbel with many divisions, forked, fene-  
lets nearly heart-shaped, branches barren

Leaves bristleshaped, stem: leaves spear-  
shaped. Sowerby. 840. excellent.

Blackwell. tab: 163 f. 3.

Woods & Heaths. July. P. rare

Barton —



## CLASS XII.

XX Males. I Female. Ico. Mo.

## Characters of the XIIth. Class.

- 1st. *A cup of one hollow leaf.*
- 2d. *Petals fixed by the claws to the sides of the cup.*
- 3d. *Threads more than 19, fixed to the sides of the cup or blossom, and not to the receptacle.*

Plumb. PRUNUS. Gen. Pl. 849.

Cup of 5 divisions, inferior. Petals 5. Nut of the fruit a stone, with prominent sutures.

358. *Bullace Plumb.* — P. insititia. S.D. *sent*Fruitstalks in pairs, leaves ovate, slightly downy, rolled together, branches thorny. — Duhamel. 41. **Sowerby. 841.**

Hedges, April, T. Rare.

*Oakley, — Renbold.*359. *Red Cherry Plumb.* — P. Cerasus. *in fruit*. S.D. *sent*Umbels nearly on fruitstalks, leaves ovate-spear-shaped, smooth, doubled together. — Blackwell. 449. **Sowerby. 706.**

Woods, April, T. Common.

360. *Mazzard Cherry.* — P. avium. S.D. *sent*



XX Males. 1 Female. Ico. Mo.

Umbels sitting, leaves ovate-spear-shaped, downy underneath, doubled together, leaf-stalks with 2 glands. — Blackwell. 425.

Woods and Hedges, April, T. Rare.

Oakley Hedges, — Aspley Wood.

361. Sloe-tree. — *P. spinosa*.

Fruitstalks single, leaves spear-shaped, Sowerby. 842. smooth, branches thorny. — Woodville. 84.

Hedges, March, T. Common.

XX Males. II Females. Ico. Di.

Hawthorn. CRATÆGUS. Gen. Pl. 854.

Cup of 5 segments. Petals 5. Berry inferior, containing 2 seeds.

362. Whitebeam Tree. — *C. Aria*. S. D. Tent 1800

Leaves ovate, cut in, serrated, downy underneath. — Flora Danica. 302.

Woods, Hedges, May, T. Rare.

Between Fenlake and Cardington.

363. Common Hawthorn. — *C. monogyna*.

Leaves generally divided into 3, sharp, female organ simple. — Blackwell. 149.

Woods, Hedges, May, T. Common.

Service.

\* 361. Wild Plum Tree. *P. domestica*

Fruitstalks nearly single, leaves spear-ovate, rolled inwards, branches unarmed.

Woodville. f. 85.

Hedges in Lane. S. April. Rare

Oakley. Bromham.

Obs:

The leaves bear a distant resemblance to those of the *Salix cinerea*.



XX Males. III Females. Ico. Tri.

*Service.* SORBUS. Gen. Pl. 623.

Cup of 5 segments. Petals 5. Berry inferior, containing 3 seeds.

364. *Mountain Ash.* — *S. aucuparia.*

Leaves winged, smooth on both sides. — Sowerby. 337.

Woods, May, T. Rare.

*Aspley Wood.**Obs :**Leaflets finely serrated, 5 pair with an odd one. The odd leaf oblong-ovate. Fruit nearly round, red when ripe.*

XX Males. V Females. Ico. Pen.

*Pear.* PYRUS. Gen. Pl. 858.

Cup 5 segments. Petals 5. Apple inferior, with 5 cells and many seeds.

365. *Common Pear.* — *P. communis.* *S.D. sent.*Leaves serrated, smooth, flowers in flat-topped spikes. — Blackwell. 453. *Sowerby. 1784.*

Woods, Hedges, May, T. Rare.

*Eversholt, — Thurleigh.*366. *Crab Apple.* — *P. Malus.*

Leaves serrated, umbels sitting. — Sowerby. 387. 179.

Woods, Hedges, April, T. Common.

*Meadow*



XX Males. V Females. Ico. Pen.

Meadow-sweet. SPIRÆA. Gen. Pl. 862.

Cup 5 segments. Petals 5. Capsule with many seeds.

367. *Dropwort Meadow-sweet.* — S. Filipendula.

Leaves winged, leaflets strap-spear-shaped, irregularly serrated, very smooth, flowers in tufts. — Sowerby. 284.

Dry Pastures, July, P. Common.

Obs:

The greater and smaller leaflets (being arranged along the midrib of the leaf in alternate order) at once point out this species.

368. *Common Meadow-sweet.* — S. Ulmaria.

Leaves winged, leaflets ovate, doubly serrated, hoary underneath, flowers in tufts. — Curtis. V. 33. Sowerby. 980.

Wet Meadows, July, P. Common.

XX Males. Many Females. Ico. Poly.

Rose. ROSA. Gen. Pl. 863.

Petals 5. Cup pitcher-shaped, with 5 segments, fleshy, contracted at the neck. Seeds many, rough with hair, fixed to the inner side of the cup.

369. *Sweet Briar.* — R. rubiginosa.

Germens round and prickly, prickles bent back, leaves rust-colored underneath. — Jacquin Flora Aust. 50. Sowerby. 991.

Woods,

\* Cottony Rose. R. tomentosa.  
Sowerby. 990.

\* 369. Apple Rose. R. villosa.

~~The germens round~~ germens and fruit stalks  
prickly <sup>hispid</sup> stem with scattered prickles  
leaf stalks prickly, leaves <sup>cottony</sup> ~~long~~.  
Sowerby. withering  
Woods. Hedges

Found by R. Hon. the Lady John Russell  
Apley Bromham Lane, <sup>Clapham</sup> ~~Woods~~







XX Males. Many Females. Ico. Poly.

Sowerby 826. Leaves in threes, nearly naked, side-leaves with 2 lobes, stem round, prickly.

Woods, June, S. Common.

Obs:

Leaves mostly in three, not downy underneath.

374. *Blackberry Bramble*. — *R. fruticosus*.

Leaves 5 and 3-fingered, stem and leafstalks prickly. — Blackwell. 45. Sowerby. 715.

Woods, Hedges, June, P. Common.

Obs:

Leaflets commonly 5, with very thick down underneath.

*Strawberry*. FRAGARIA. Gen. Pl. 865.

Cup 10 segments. Petals 5. Receptacle of the seeds ovate, like a berry, falling off.

375. *Common Strawberry*. — *F. vesca*.

Runners creeping. — Blackwell. 77. Sowerby 1524

Woods, May, P. Common.

376. *Barren Strawberry*. — *F. sterilis*.

Stem trailing, flowering branches loose. —

Sowerby. 1785. Curtis. III. 30. Hoffman Ger. Flo. 6.

Woods, Pastures, April, P. Common.

*Cinquefoil*. POTENTILLA. Gen. Pl. 866.

Cup 8 or 10 segments. Petals 4 or 5. Seeds nearly round, naked, fixed to a small dry receptacle.

Silver

374 \*

*B. longifolius*.

Sowerby. 827.

Aspley & Slapham Park Woods.



XX Males. Many Females. Ico. Poly.

377. *Silver Weed Cinquefoil*. — *P. Anserina*.

Leaves winged, serrated, stem creeping, fruit-stalks with 1 flower. — Curtis. III. 31. *Sowerby. 861.*

Road-sides, July, P. Common.

378. *Tormentil Cinquefoil*. — *P. argentea*.

Leaves wedge-shaped, in 5 divisions, cut in, downy underneath, stem upright. — Sowerby. 89.

Hilly Pastures, July, P. Rare.

*Amptbill, — Aspley, — Rowney Warren.*

*Obs:*

Leaflets 2 or 3 pair, towards the root more deeply jagged, underneath elegantly silvered, far from being unseemly in decay.

379. *Creeping Cinquefoil*. — *P. reptans*.

Leaves in fives, stem creeping, fruitstalks with 1 flower. — Curtis. I. 37. *Sowerby. 862.*

Road-sides, June, P. Common.

*Obs:*

A central nick in each petal. We have seen as many leaflets as 7 or even 9 in some specimens.

380. *Trailing Cinquefoil*. — *P. procumbens*.

Leaves in fives, stem trailing, lowest flowers with 5, uppermost with 4 petals. — (Sibthorpe.) Petiver. XLI. 10. *Sowerby. 864.*

Q

Woods,



XX Males. Many Females. Ico. Poly.

Woods, Heaths, June, P. Rare.

*Amptbill,—Aspley.*

381. *Septfoil.* — *P. Tormentilla.*

Leaves in threes, cup with 8 segments, blossoms with 4 petals. — Woodville, 27. Curtis. V. 35. *Sowerby. 863.*

Heaths, Woods, June, P. Common.

*Bennet.* GEUM. Gen. Pl. 867.

Cup 10 segments. Petals 5. Seeds with a jointed awn.

382. *Herb Bennet.* — *G. urbanum.*

Flowers upright, fruit globular, woolly, awns hooked, bare, leaves lyre-shaped. — Woodville. 259. Curtis. II. 36. *Sowerby. 1400.*

Woods, Hedges, June, P. Common.

383. *Water Avens.* — *G. rivale.*

Flowers nodding, fruit oblong, awns feathery, twisted. — Sowerby. 106.

Moist Woods, May, P. Rare.

*Putnoe Wood.*

*Obs :*

*A most elegant plant, leaves winged, greater and smaller leaflets in the root-leaves arranged alternately. Petals flesh-colored, with a notch in the middle, marked with red veins. Cup mahogany-colored.*

*Marshlocks.*



XX Males. Many Females. Ico. Poly.

*Marsblocks.* COMARUM. Gen. Pl.

Cup 10 segments. Petals 5, less in dimensions than the segments of the cup. Receptacle of the seed ovate, spongy, permanent.

384. *Purple Marsblocks.* — *C. palustre.*

Sowerby. 172. Hoffman. Ger. Flo. 7.

Marshes, June, P. Rare.

Obs:

Leaves winged, leaflets 2 or 3 pair, spear-shaped, serrated, with an odd one, leafscales very large, spear-shaped. Cups red. Petals less, of the same color. Seeds with granulations.

C L A S S. XIII.

Many Males. 1 Female. Poly. Mo.

Character of the XIIIth. Class.

Threads fixed to the receptacle.

*Celandine.* CHELIDONIUM. Gen. Pl. 880.

Blossom of 4 petals. Cup of 2 leaves. Pod 1-celled, strap-shaped.

385. *Common Celandine.* — *C. majus.*

Fruitstalks in umbels. — Woodville. 263.

Rubbish, June, P. Common. Sowerby. 1501.

*Poppy.* PAPAVER. Gen. Pl. 881.

Blossom of 4 petals. Cup of 2 leaves, capsule 1-celled, opening by pores under a permanent stigma.



Many Males. I Female. Poly. Mo.

386. *Round prickly-headed Poppy*. — *P. hybridum*.

Capsules nearly round, with prominences,  
rough with hair, stem leafy, many-flowered.

Sowerby. 43.

Cornfields, June, A. Common.

387. *Long prickly-headed Poppy*. — *P. Argemone*.

Capsules club-shaped, rough with hair, stem  
leafy, many-flowered. — Curtis. V. 38.

Sowerby. 643.

Cornfields, June, A. Common.

388. *Corn Rose*. — *P. Rhæas*.

Capsules smooth, round, stem hairy, many-  
flowered, leaves winged, jagged. — Curtis.

III. 32. Sowerby. 645.

Cornfields, June, A. Common.

389. *Long smooth-headed Poppy*. — *P. dubium*.

Capsules oblong, smooth, stem many-flower-  
ed, with bristles laid to, leaves winged,  
jagged. — Curtis. V. 37. Sowerby. 644.

Cornfields, June, A. Common.

*Lime-tree*. TILIA. Gen. Pl. 894.

Cup 5 segments. Petals 5. Berry dry, glo-  
bular, 5-celled, 5-valved, opening at the  
base.

390. *Common Lime*. — *T. europæa*. Sowerby. 610.

Flowers without a honey-cup.

Woods,

*Prunum  
apocaulon*



Many Males. I Female. Poly. Mo.

Woods, July, T. Rare.

Everton,—Aspley,—Potton.

Sunflower. CISTUS. Gen. Pl. 913.

Blossom of 5 petals. Cup 5 leaves, 2 of the leaflets smaller.

391. *Sunflower Cistus*. — *C. Helianthemum*.

Rather shrubby, trailing, leaf scales spear-shaped, leaves oblong, turned back, somewhat hairy. — Curtis. V. 36. Flora Danica. 101. Sowerby 1321.

Hilly Pastures, July, S. Common.

*Water Lilly*. NYMPHÆA. Gen. Pl. 886.

Blossom of many petals. Cup 4 or 5 leaves.  
Berry many-celled, lopped.

392. *Yellow Lilly*. — *N. lutea*.

Leaves heart-shaped, entire; lobes approaching, cup of 5 leaves longer than the petals. — Sowerby. 159. admirable.

Rivers, July, P. Common.

393. *White Water Lilly*. — *N. alba*.

Leaves heart-shaped, very entire, lobes round, tiled, cup of 4 leaves. — Sowerby. 160.

Rivers, July, P. Common.

Larkspur.



Many Males. III Females. Poly. Tri.

*Larkspur.* DELPHINIUM. Gen. Pl.

Cup none. Petals 5. Honey-cup double,  
horned behind.

394. *Common Larkspur.* — D. Consolida.

Honey-cup of 1 leaf, stem subdivided. —  
Flora Danica. 683.

Cornfields, June, A. Rare.

*St. Leonard's Farm, near Bedford.*

Many Males. V Females. Poly. Pen.

*Columbine.* AQUILEGIA. Gen. Pl. 954.

Cup none, petals 5, with small horns among  
the petals, capsules 5, distinct.

395. *Common Columbine.* — A. vulgaris.

Honey-cups bent inwards. — Sowerby. 297.

Woods, June, P. Rare.

*Barton Leat Wood.*

Many Males. Many Females. Poly. Poly.

*Anemone.* ANEMONE. Gen. Pl. 948.

Cup none. Petals 6. Seeds many.

396. *Pasque Flower.* — A. Pulsatilla.

Fruitstalk with a fence, petals straight, leaves  
with two rows of wings. — Flora Danica.

153. Relhan's Flora Cantab. at page 208.

Hills,



Many Males . Many Females. Poly. Poly.

Hills, April, May, P. Rare.

*Barton Hill,—Luton Downs.*

*Obs :*

*The fence which approaches the petals before the plant is in flower, is seen at the distance of 1 or 2 inches from the seeds afterwards.*

397. *Wood Anemone.* — *A. nemorosa.*

Seeds pointed, leaflets cut in, stem with 1 flower. — *Curtis. II. 38. Sowerby. 355.*

Woods, April, P. Common.

398. *Mountain Anemone.* — *A. apennina.*

Seeds pointed, leaflets cut in, petals spear-shaped, numerous. — (*Curtis.*) **Sowerby. 1062.**

Woods, April, P. Rare.

*Luton Hooe.*

*Obs :*

*This plant I have never seen in the above habitat, but merely insert it upon the credit of Mr. Knowlton in Ray's Synopsis.*

*Traveller's Joy.* CLEMATIS. Gen. Pl. 950.

Cup none. Petals 4 to 6. Seeds with a tail.

399. *Common Traveller's Joy.* — *C. Vitalba.*

Leaves winged, leaflets heart-shaped, climbing. — *Curtis. IV. 37. Sowerby. 612.*

Hedges, July, S. Common.

*Meadow*



Many Males. Many Females. Poly. Poly.

Meadow Rue. THALICTRUM. Gen. Pl. 951.

Cup none. Petals 4 or 5. Seeds without a tail.

400. Common Meadow Rue. — T. flavum.

Stem leafy, grooved, panicle of many divisions, upright. — Sowerby. 367. admirable.

Wet Meadows, June, P. Common.

Crowfoot. RANUNCULUS. Gen. Pl. 953.

Cup of 5 leaves. Petals 5, with a honey-cup gland within the claws. Seeds naked.

401. Small Spearwort. — R. Flammula.

Leaves ovate-spear-shaped, on leafstalks, stem declining. — Curtis. VI. 37. Sowerby. 387.

Boggy Heaths, July, P. Rare.

Oakley, — Stevington, — Amptbill.

Obs:

This sportive species varies, with leaves very entire, or deeply serrated.

402. Great Spearwort. — R. Lingua.

Leaves spear-shaped, stem erect. — Sowerby. 100. admirable.

Banks of Rivers, Ditches, July, P. Rare.

Goldington, — Oakley.

Pilewort

Adonis. — Adonis. Gen. Pl.

Cup of 5 leaves, Petals 5 or more with: out a nectary. Seeds naked.

\* 400. Corn Adonis. A. autumnalis.  
Petals ~~is~~ about eight, obcordate,  
Concave. Fruit ovate. J. Botany.

Sowerby. 308.

Corn Fields. Sep? A. Rare.

St. Leonard's ~~Bakly~~,  
Pickering's

Obs:

Mr. Abbot has often brought this elegant plant in from the Corn fields, and it would have been inserted in the body of the work, but from the general suspicion of its being not indigenous.



Many Males. Many Females. Poly. Poly.

403. *Pilewort*. — *R. Ficaria*.

Leaves heart-shaped, angular, on leafstalks, stem with 1 flower. — Martyn. 21. **Sowerby. 584.**

Meadows, April, P. Common. *observed in flower*

*Obs:* March. 7. 1802.

The honey-cup gland being present, we must, in spite of it's having only 3 leaves to the cup, place this plant with the rest of the genus.

404. *Goldilocks Crowfoot*. — *R. auricomus*.

Root-leaves kidney-shaped, crenated, cut in, stem-leaves fingered, strap-shaped, stem with many flowers. — Curtis. II. 41. **Sowerby. 624.**

Woods, Thickets, April, P. Common.

*Obs:*

In the whole system there is no plant more variable in it's leaves than this. It affords specimens of the palmated, kidney-shaped, fingered, spear and strap-shaped leaves. Some of the petals are generally wanting.

405. *Celery-leaved Crowfoot*. — *R. sceleratus*.

Lower leaves hand-shaped, upper ones fingered, fruit oblong. — Curtis. II. 42. **Sowerby. 681.**

Pools and wet Places, June, A. Common.

*Obs:*

Fruit ovate.

406. *Bulbous Crowfoot*. — *R. bulbosus*.

R

Cups

*[Faint handwritten notes, possibly bleed-through from the reverse side of the page]*



Many Males. Many Females. Poly. Poly.

Cups bent back, fruitstalks grooved, stem upright, with many flowers, leaves compound. — Curtis. I. 38. Martyn. 28. admirable. **Sowerby. 515.**

Pastures, May, P. Common.

Obs :

Root like a turnep in miniature.

407. *Pale-leaved Crowfoot.* — *R. hirsutus.*

Root fibrous, annual, stem hairy, cups rough with projecting points, and turned back. —

**Sowerby. 1504.** Curtis. II. 40.

Pastures, June, A. Common.

Obs :

Leaves paler than in the preceding species.

408. *Creeping Crowfoot.* — *R. repens.*

Cups open, fruitstalks grooved, suckers creeping, leaves compound. — Curtis. IV. 38. Martyn. 29. **Sowerby. 516.**

Wet Meadows, June, P. Common.

409. *Upright Crowfoot.* — *R. acris.*

Cups open, fruitstalks round, leaves with many divisions parted into three, upper ones strap-shaped. — Curtis. I. 39. Woodville. 246. Martyn. 30. **Sowerby. 652.**

Meadows, June, P. Common.

410. *Corn Crowfoot.* — *R. arvensis.*

Seeds



Many Males. Many Females. Poly. Poly.

Seeds prickly, upper leaves doubly compound, strap-shaped. — Curtis. VI. 36. Martyn. 56. Flora Danica. 219. **Sowerby. 135.**

Cornfields, May, A. Common.

411. *Small-flowered Crowfoot.* — R. parviflorus.

Seeds prickly, leaves simple, jagged, pointed, hairy, stem spreading. — Sowerby. 120.

412. *Ivy-leaved Crowfoot.* — R. hederaceus.

Leaves nearly round, of 3 lobes, very entire, stem creeping. — Curtis. IV. 39.

Boggy Places, May, P. Rare.

Obs :

Without an useful remark, the Botanical Pupil may here be led into an error. The leaves correspond not with those of the rest of the family. The number of threads is not perfect. But the honey-cup-gland (the sure mark of the Crowfoot) determines the plant.

413. *Various-leaved Water Crowfoot.* — R. heterophyllus.

Leaves under the water hair-like, those above water with central fruitstalks. — Sowerby.

101. Pools, May, P. Common.

414. *River Crowfoot.* — R. fluviatilis.

All the leaves hair-like. — Flora Danica. 376. Pools and Rivers, June, P. Common.

R 2

Obs :



Many Males. Many Females. Poly. Poly.

Obs :

We are obliged to relinquish the other two varieties, which the late celebrated Dr. Sibthorpe has called *aquatilis* and *circinatus*, for we have not yet determined them by cultivation.

Marsh Marigold. *CALTHA*. Gen. Pl. 957

Cup none. Petals 5. Honey-cups none.  
Capsules many, with many seeds.

415. Marsh Marigold. — *C. palustris*.

Curtis. I. 40. **Sowerby. 506.**

Wet Ditches, April P. Common.

Hellebore. *HELLEBORUS*. Gen. Pl. 956.

Cup none. Petals 5 or more. Honey-cups  
2-lipped, tubular. Capsules with many  
seeds, rather erect.

416. Green Hellebore. — *H. viridis*.

Stem cloven. Branches leafy, with 2 flowers,  
leaves fingered. — Curtis. VI. 34. Sowerby.  
200. admirable. Woodville. 19.

Pastures, February, P. Rare.

Goldington.

Obs :

Leaves serrated towards the points, petals pointed, permanent.

417. Stinking Bear's-foot. — *H. fætidus*. **SD. X**

Stem with many flowers, leaves bird-footed. —  
Woodville. 57. **Sowerby. 613.**

Thickets, March, P. Rare.

Brombam, — Stevington, — Stagsden.

C L A S S.

H. Poveri. Dalmatica.

Character of the N. P. C.

Four species of the genus, two of which are  
the most common.

H. Poveri. *Stellaria*. Gen. Pl. 957

Woodville. 19. P. Common.

Upper part of the stem, larger than  
the lower part.

418. *Stellaria*. — *S. media*.

Stem, 2-3 feet high. — Curtis. II. 42. **Sowerby 604**

Woodville. 19. P. Common.

Stem, 2-3 feet high. — Curtis. II. 42.

Stem, 2-3 feet high. — Curtis. II. 42.

419. *Stellaria*. — *S. media*.

Leaves wedge-shaped, pointed, crested, on  
pedicels, flowers in cymes, stems erect.

Woodville. 19. P. Common. **Sowerby. 600**

**SD. X sent March 17<sup>th</sup> 1799.**

420. *Stellaria*. — *S. media*.

Leaves heart-shaped, pointed, on leaf stalk  
branches erect, flowering on one side, stems  
erect. — Curtis. II. 42. **Sowerby. 1543.**

Hellebore.



## CLASS. XIV.

## II Powers. Didynamia.

## Character of the XIVth. Class.

*Four threads in the flower, two higher than the others.*

II Powers. Seeds naked. Did. Gymn.

*Bugle.* AJUGA. Gen. Pl. 959.

Upper lip the least. Threads longer than the upper lip.

418. *Common Bugle.* — A. reptans.

Smooth, suckers creeping. — Curtis. II. 43. **Sowerby 489.**  
Woods, May, P. Common.

*Germander.* TEUCRIUM. Gen. Pl. 960.

Blossom without an upper lip, divided beyond the base, straddling where the threads are.

419. *Common Germander.* — T. Chamædrys.

Leaves wedge-ovate, jagged, crenated, on leafstalks, flowers in threes, stems trailing, somewhat hairy. — Woodville. 243. **Sowerby. 600.**  
Road-sides and Walls, June, P. Rare.

*Warden.*

420. *Wood Sage.* — T. Scorodonia.

Leaves heart-shaped, serrated, on leafstalks, bunches lateral, flowering on one side, stem upright. — Curtis. V. 40. **Sowerby. 1543.**  
Heaths,



II Powers. Seeds naked. Did. Gymn.

Heaths, Woods, July, P. Rare.

Aspley,—Amptbill.

Obs:

Stem 1 or 2 feet high. Suckers creeping, leaves bluntly heart-shaped, lower ones on longish fruitstalks, upper ones almost sitting, veiny, in some specimens like net-work. Floral leaves ovate.

421. Ground Pine. — T. Chamæpitys.

Leaves in threes, strap-shaped, very entire, flowers sitting, single stem spreading. —

Sowerby. 77. Ajuga Chamæpitys.

Dry Pastures, June, A. Rare.

Luton Downs. J. Sibley, Esq.

Cat-mint. NĒPETA. Gen. Pl. 961.

Blossom, the middle segment of the lower lip scolloped, the lateral ones abridged by the edge of the mouth, bent back. Threads approaching.

422. Common Cat-mint. — N. Cataria.

Flowers in spikes, whorls on short fruitstalks, leaves on leafstalks, heart-shaped, tooth-serrated. — Sowerby. 137.

Hedges, July, P. Common.

Vervain. VERBENA. Gen. Pl. 43.

Blossom funnel-shaped, nearly equal, crooked, one tooth of the cup lopped.

Common



*[Faint handwritten notes and bleed-through from the reverse side of the page, including names like 'Luton' and 'Sowerby'.]*







II Powers. Seeds naked. Did. Gymn.

Ground Ivy. GLECHOMA. Gen. Pl. 970.

Each pair of anthers growing together, in the shape of a cross. Cup 5 segments.

427. Common Ground Ivy. — G. hederacea.

Leaves kidney-shaped, crenated. — Curtis. II.

44. Martyn. 61. admirable. **Sowerby. 853.**

Hedges, April, P. Common.

Archangel. LAMIUM. Gen. Pl. 971.

Upper lip of the blossom entire, arched, lower lip with 2 lobes, the mouth with a marginal tooth on each side.

428. White Archangel. — L. album.

Leaves heart-shaped, pointed, serrated, on leafstalks, whorls with 20 flowers. — Curtis.

II. 45. Martyn. 26. **Sowerby. 760.**

Rubbish, Gardens, April, P. Common.

429. Red Archangel. — L. purpureum.

Leaves heart-shaped, on bluntish leafstalks. —

Curtis. I. 42. Martyn. 25. **Sowerby. 769.**

Rubbish, Gardens, April, A. Common.

430. Henbit Archangel. — L. amplexicaule.

Floral leaves sitting, embracing the stem,

blunt. — Curtis. II. 46. **Sowerby. 770.**

Walls, Cornfields, May, A. Common.

All-beal

*Mentha villosa.*

found at Silsoe by myself and at Chicksands by H, is represented in Sole at tab. 2<sup>d</sup>.

*Mentha villosa secunda.*

*Mentha sylvestris*

Between Silsoe and Barton

*M. villosa prima* Sole. at tab. 1.

*Mentha gentilis.* Stow.

Sole. at tab. 15.

*Mentha rotundifolia.*

at Watkins's

*M. sylvestris* Sole tab. 3.

*Mentha rubra.*

*M. sativa* — Sole tab. 21.

*Mentha viridis*

Cleophill and Vand's Close.

Sole. tab. 5.



431. Large flowered Nettle Hemp. G. versicolor.

Stem bristly, swelled below the joints,  
blossom three times as long as the  
cup, its upper lip inflated.

Sowerby. 667. admirable.

Ditches near woods. June to Sep. A Rare  
Addg. 1799. between Hawes and  
Chicksand. Priory.

II Powers. Seeds naked. Did. Gymn.

*All-beal.* GALEOPSIS. Gen. Pl. 972.

Upper lip of the blossom somewhat crenated,  
arched: lower lip with two teeth above.

431. *Corn All-beal.* — G. Ladanum.

Stems of an equal thickness between each  
joint, all the whorls remote, cups not pun-  
gent. — Petiver. XXXIII. 2. Sowerby. 884.

Cornfields, June, A. Common.

432. *Nettle Hemp.* — G. Tetrahit.

Joints of the stem thickened above, upper  
whorls somewhat near together, cups some-  
what pungent. — Sowerby. 207.

Cornfields, June, A. Common.

*Weazle-snout.* GALEODOLON. (Hudson.)

Upper lip of the blossom upright, vaulted;  
lower lip cloven into 3, segments unequal,  
middlemost longer.

433. *Yellow Nettle.* — G. luteum.

Whorls with 6 flowers, fence of 4 leaves. —  
Curtis. IV. 40. Sowerby. 787.

Woods, Thickets, May, P. Common.

Obs:

Leaves opposite, nettle-shaped. Flowers in each whorl 6 to  
12, more crowded in the center, thinner at top and bottom.

S

Betony.



II Powers. Seeds naked. Did. Gymn.

*Betony.* BETONICA. Gen. Pl. 973.

Cup awned. Upper lip of the blossom ascending, flattish, tube cylindrical.

434. *Wood Betony.* — *B. officinalis.*

Spike interrupted, the intermediate segment of the lip nicked. — Curtis. III. 33. Woodville. 241. Sowerby. 1142.

Woods, July, P. Common.

*Woundwort.* STACHYS. Gen. Pl. 974.

Upper lip of the blossom arched, lower one bent back at the sides, intermediate segment greater and nicked. Threads after flowering bent towards the sides.

435. *Hedge Nettle.* — *S. sylvatica.*

Whorls with 6 flowers, leaves heart-shaped, on leafstalks. — Curtis. III. 34. Sowerby. 416.

Hedges, July, P. Common.

436. *Clown's All-heal.* — *S. palustris.*

Whorls about 6 flowers in each, leaves strap-spear-shaped, half embracing the stem and sitting. — Curtis. III. 35.

Sowerby. 1675.

Ditches, July, P. Common.

*Henbit.* BALLOTA. Gen. Pl. 975.

Cup

*S. germanica.*

about Luton. Clapham Hill  
Sowerby. 829.

*S. arvensis.*

near Dunstable.



II Powers. Seeds naked. Did. Gymn.

Cup salver-shaped, with 5 teeth and 10 scores.

Upper lip of the blossom scolloped, concave.

437. *Stinking Henbit.* — *B. nigra.*

Leaves heart-shaped, entire, serrated, cups pointed. — Sowerby. 46. Blackwell. 136.

Hedges, July, P. Common.

*Horehound.* MARRUBIUM. Gen. Pl. 976.

Cup salver-shaped, stiff, with 10 scores.

Upper lip of the blossom with 2 segments, strap-shaped, straight.

438. *Common Horehound.* — *M. vulgare.*

Teeth of the cup bristle-shaped, hooked. — Sowerby. 410. Woodville. 97.

Road-sides, July, P. Rare.

*Elstow,—Cople,—Everton.*

*Lion's-tail.* LEONURUS. Gen. Pl.

Anthers sprinkled with shining dots.

439. *Mother-wort.* L. Cardiac.

Stem leaves with 3 lobes, spear-shaped. — Sowerby. 286.

Road-sides, June, P. Rare.

*Ford-End.*



II Powers. Seeds naked. Did. Gymn.

*Basil.* CLINOPODIUM. Gen. Pl. 980.

Fence of many bristles, placed under the whorl.

440. *Wild Basil.* — *C. vulgare.*

*Sowerby. 1401.* Heads roundish, rough with hair, floral leaves  
bristle-shaped. — *Flora Danica. 930.*

Hedges, July, P. Common.

*Marjoram.* ORIGANUM. Gen. Pl. 981.

Cup a spiked 4-cornered cone.

441. *Common Marjoram.* — *O. vulgare.*

Spikes roundish, paniced, clustered, floral  
leaves ovate, longer than the cup. — *Curtis. V. 39. Woodville. 164. Sowerby. 1143.*

Chalky Hills, July, P. Rare.

*Streatley, — Luton Downs.*

*Thyme.* THYMUS. Gen. Pl. 982.

Cups with 2 lips, mouth closed with soft  
hairs.

442. *Mother of Thyme.* — *T. Serpyllum.*

Flowers in heads, stems creeping, leaves  
blunt, flat, fringed at the base. — *Curtis.*

*II. 47. Woodville. 110. Sowerby. 1514.*

Banks, July, B. Common.

443. *Basil Thyme.* — *T. Acinos.*

Flowers



II Powers. Seeds naked. Did. Gymn.

Flowers in whorls, fruitstalks with 1 flower, stems upright, somewhat branched, leaves pointed, serrated. — Curtis. I. 43. Sowerby. 411.

Cornfields, July, A. Rare.

Barton Hill,—Aspley.

Obs :

A white semilunar spot in the center of the lower lip at once determines this species.

Calamint. MELISSA. Gen. Pl. 983.

Cup dry, somewhat flat above, upper lip nearly flat-topped; upper lip of the blossom arched, middle lobe of the lower heart-shaped.

444. Field Calamint. — M. Calamintha.

Fruitstalks from the bosom of the leaves, the length of the leaves. — Blackwell. 166. Sowerby. 167b.

Road-sides, August, A. Common.

Self-beal. PRUNELLA. Gen. Pl. 990.

Threads with 2 forks, one point supporting the anthers, stigma cloven in two.

445. Common Self-beal. — P. vulgaris.

All the leaves ovate-oblong, serrated, on leaf-stalks. — Curtis. IV. 42. Sowerby. 96a.

Pastures, June, P. Common.

Skull-cap.



II Powers. Seeds naked. Did. Gymn.

*Skull-cap.* SCUTELLARIA. Gen. Pl. 989.

Cup, mouth entire, after flowering closed, with a lid.

446. *Common Skull-cap.* — *S. galericulata.*

*Sowerby 523.* Leaves heart-spear-shaped, scalloped, flowers from the bosoms of the leaves. — Curtis. III. 36.

Ditches, July, P. Common.

\* \*

II Powers. Seeds covered. Did. Ang.

*Rattle.* RHINANTHUS. Gen. Pl. 997.

Cup of 4 segments, bellying. Capsule 2 cells, blunt, compressed.

447. *Yellow Rattle.* — *R. Crista galli.*

Upper lip of the blossoms flat and shorter. — Curtis. V. 43. Martyn. 138. *Sowerby 657.*

Meadows and Pastures, June, A. Common.

*Eyebright.* EUPHRASIA. Gen. Pl. 998.

Cup of 4 segments, cylindrical, capsule 2 cells, ovate-oblong. Anthers below, with 1 point, thorny at the base.

448. *Common Eyebright.* — *E. officinalis.*

*Sowerby 1416.* Leaves ovate, streaked and sharply toothed. — Curtis. V. 42. Woodville. 220.

Pastures, July, A. Common.



II Powers. Seeds covered. Did. Ang.

449. *Corn Eyebright.* — E. Odontites.

Leaves strap-shaped, all serrated. — Curtis.  
I. 44. Martyn. 42. **Sowerby. 14 15.**

Pastures and Cornfields, July, A. Common.

*Cow-wheat.* MELAMPYRUM. Gen. Pl. 999.

Cup of 4 segments, upper lip of the blossom flat, with a margin folded back. Capsule 2 cells, oblique, opening on one side. Seeds 2, hunched.

450. *Crested Cow-wheat.* — M. cristatum.

Spikes 4-square, floral leaves heart-shaped, compact, finely toothed, tiled. — Sowerby. 41.

Woods, June, A. Common.

451. *Meadow Cow-wheat.* — M. pratense.

Flowers pointing one way, sidelong, union of the leaves remote, blossoms closed. — Sowerby. 113.

Woods, July, A. Rare.

*Aspley Wood.*

*Toothwort.* LATHRÆA. Gen. Pl. 1000.

Cup with 4 segments. A depressed gland at the base of the seam of the germ. Capsule 1-cell.

*Great*



II Powers. Seeds covered. Did. Ang.

452. *Great Toothwort.* — *L. squamaria.*

Stem very simple, blossoms hanging down,  
lower lips cloven into three. — Sowerby. 50.

Hedges and Road-sides, April, P. Rare.

*Whipsnade, — Studbam.*

*Lousewort.* PEDICULARIS. Gen. Pl. 1003.

Cup of 5 segments. Capsules 2-celled, pointed, oblique. Seeds coated.

453. *Marsh Lousewort.* — *P. palustris.*

Stem branched, cups crested with callous dots, blossoms oblique in the lip. — Sowerby. 399.

Marshes, June, P. Common.

464. *Common Lousewort.* — *P. sylvatica.*

Stem branched, cups oblong, angular, smooth, blossoms with a heart-shaped lip. — Sowerby. 400.

Heaths, May, A. Rare.

*Amptbill Heath.*

*Snapdragon.* ANTIRRHINUM. Gen. Pl. 1007.

Cup of 5 leaves, base of the blossom jutting down beneath, with a honey-like liquor. Capsule 2-celled.

*Ivy-leaved*

136.

for 464 read 454.



II Powers. Seeds covered. Did. Ang.

455. *Ivy-leaved Snapdragon.* — A. Cymbalaria.

Leaves heart-shaped, with 5 lobes, alternate,  
stems trailing. — Curtis. I. 45. **Sowerby. 502.**

Walls, June, P. Rare.

Luton Hooe. *Stulcot Church Walls.*

Obs :

*A very elegant plant. Leaves truly like ivy. Upper lip of  
the blossom cloven in two and bent back.*

456. *Sharp-pointed Fluellin.* — A. Elatine.

Leaves halberd-shaped, alternate, stems trail-  
ing. — Curtis. I. 46. **Sowerby. 692.**

Cornfields, July, A. Rare.

*Bromham,—Clapham.*

457. *Round-leaved Fluellin.* — A. spurium.

Leaves ovate, alternate, stems trailing. —  
Curtis. III. 37. **Sowerby. 691.**

Cornfields, July, A. Rare.

*Clapham,—Bromham,—Stevington.*

Obs :

*Leaves more close in their order, and larger than in the pre-  
ceding species.*

458. *Least Snapdragon.* — A. minus.

Leaves mostly alternate, spear-shaped, blunt,  
stem very much branched, spreading. —  
Curtis. V. 41.

T

Cornfields,



II Powers. Seeds covered. Did. Ang.

Cornfields, June, A. Rare.

Oakley West Field.

Obs: —

Root fibrous, stem a span high.

459. Great Snapdragon. — *A. majus*.

Blossoms without a spur, flowers in spikes,  
cups rounded. — Sowerby. 129.

Walls, July, B. Rare.

Elstow, — Bedford.

460. Common Toadflax. — *A. Linaria*.

Leaves spear-strap-shaped, crowded, stem  
upright, spikes terminal, sitting, flowers  
tiled. — Curtis. I. 47. Martyn. 93. Wood-  
ville. 221. **Sowerby: 658.**

Road-sides, August, P. Common.

Figwort. SCROPHULARIA. Gen. Pl. 1014.

Cup 5 segments. Blossom nearly round,  
reversed. Capsule 2-celled.

461. Knobby-rooted Figwort. — *S. nodosa*.

**Sowerby. 1544** Leaves heart-shaped, with 3 nerves in them,  
stem with pointed angles. — Blackwell. 87.

Woods, July, P. Common.

462. Water Figwort. — *S. aquatica*.

Leaves



II Powers. Seeds covered. Did. Ang.

Leaves heart-shaped, blunt, on leafstalks, running down, stems angular, edged with a membrane, bunches terminating. — Curtis. V. 44. **Sowerby. 854.**

Ditches, July, P. Common.

*Foxglove.* DIGITALIS. Gen. Pl. 1017.

Cup 5 segments. Blossom bell-shaped, 5 segments, bellying. Capsule ovate, 2-celled.

463. *Common Foxglove.* — *D. purpurea.*

Leaves of the cup ovate, pointed, blossoms blunt, upper lip entire. — Curtis. I. 48.

Woodville. 24. **Sowerby. 1297.**

Hedges, Road-sides, July, B. Rare.

*Aspley, — Maulden.*

*Obs :*

*Before flowering the blossom is closed, during flower tubular and labiate, the tube marked with purple spots.*

*Mudwort.* LIMOSELLA. Gen. Pl. 1039.

Cup 5 segments. Blossom 5 segments, equal. Threads in pairs, approaching. Capsule 1 cell, 2 valves, many seeds.

464. *Plantain Mudweed.* — *L. aquatica.*

Leaves spear-shaped. — Sowerby. 357. admirable. Flora Danica. 69.



II Powers. Seeds covered. Did. Ang.

Wet Places, July, A. Rare.

*Goldington Green.*

Obs:

*Leaves like those of plantain, root creeping.*

*Broomrape. OROBANCHE. Gen. Pl. 1045.*

Cup 2 segments. Blossom gaping. Capsule  
1 cell, 2 valves, many seeds; a gland at the  
base of the germ.

465. *Great Broomrape. — O. major.*

Stem undivided, downy, threads just emer-  
ging. — Curtis. IV. 44. Sowerby. 421.

Pastures, Woods, June, P. Rare.

*Oakley, — Amptbill, — Aspley.*

C L A S S. XV.

Character of the XVth. Class.

*Six threads in the flower, 4 higher, 2 lower.*

*Tetradynamia. — Capsule either a Pouch  
or a Pod.*

\*  
Capsule a Pouch. Siliculosa.

*Whitlow Grass. DRABA. Gen. Pl. 1076.*

Pouch entire, oval-oblong, valves flattish,  
parallel to the partition. Style none.

Vernal





## Capsule a Pouch. Siliculosa.

466. *Vernal Whitlow Grass.* — *D. verna.*Stems naked, somewhat serrated. — Curtis.  
I. 49. *Sowerby. 586.*

Walls and Fields, March, A. Common.

*Shepherd's Purse.* THLASPI. Gen. Pl. 1078.Pouch nicked, inversely-heart-shaped, with  
many seeds, valves boat-shaped, keeled and  
bordered.467. *Common Shepherd's Purse.* — *T. Bursa*  
*pastoris.*Pouches inversely heart-shaped, root leaves  
winged. — Curtis. I. 40. *Sowerby. 1405.*

Walls and Fields, April, A. Common.

*Scurvy Grass.* COCHLEARIA. Gen. Pl. 1079.Pouch nicked, swelling, rough, valves hunch-  
ed, blunt.468. *Swine's Cresses.* — *C. Coronopus.*Leaves winged, stem depressed. — Martyn.  
92. *Sowerby. 1660.*

Road-sides, June, A. Common.

*Candy Tuft.* IBERIS. Gen. Pl. 1080.Blossom irregular, the two outermost petals  
largest. pouch with many seeds nicked.469. *Rock Cress.* — *I. nudicaulis.*

Herbaceous,

h. 467. \*

Common Ruthridate Mustard.

*T. campestris.*Pouches nearly round, dotted, bordered  
above, leaves blunt arrow-shaped  
half embracing the stem, hoary and  
toothed Curtis. V. 45.

Fields, July. A. Rare

Between Duck Mill and the sluice  
on the sides of the Bank —



Capsule a pouch. Siliculosa.

Herbaceous, leaves waved, stem naked, undivided. — Curtis. VI. 42. Sowerby. 327.

Flora Danica. 323.

Sandy Banks, May, A. Rare.

*Amptbill, — Clophill, — Aspley.*

\* \*

Capsule a Pod. Siliquosa.

*Ladies' Smock.* CARDAMINE. Gen. Pl. 1088.

Pod opening with elasticity, valves rolling back. Stigma entire. Capsule somewhat gaping.

470. *Common Ladies' Smock.* — *C. pratensis.*

Leaves winged, root-leaflets nearly round, stem-leaflets spear-shaped. — Curtis. III. 40.

Woodville. 30. Martyn. 95. *Sowerby. 776.*

Wet Meadows, April, P. Common.

471. *Hairy Ladies' Smock.* — *C. hirsuta.*

Leaves winged, 4 males in each flower. — Curtis IV. 48. Sowerby. 492.

Wet Ditches, April, A. Rare.

*Eversholt, — Aspley.*

*Water Cress.* SISYMBRIUM. Gen. Pl. 1089.

Pod opening, valves almost straight, cup open, blossom expanding.

*Common*



*Thasium curvatum*  
Dec. 23. 1000. *setum*  
Caldwell Inclosures.

Capsule a Pod. Siliquosa.

472. *Common Water Cress.* — *S. Nasturtium.*

Pods declining, leaves winged, leaflets nearly heart-shaped. — Curtis. VI. 44. **Sowerby. 855.**

Wet Places, June, B. Common.

473. *Creeping Water Cress.* — *S. sylvestre.*

Pods declining, oblong-ovate, leaflets spear-shaped, serrated. — Curtis. III. 41.

Meadows, June, P. Common.

474. *Jagged-leaved Water Cress.* — *S. amphibium.*

Pods declining, oblong-ovate, leaves winged, tooth-serrated. — Petiver. XLIX. 9.

Banks of Rivers, July, P. Common.

475. *Annual Water Radish.* — *S. terrestre.*

Leaves with winged divisions, pods full of seeds. — Curtis. V. 49.

Wet Places, June, A. Rare.

Elstow, — Goldington.

Obs.

Pods extremely turgid.

476. *Flixweed.* — *S. Sophia.*

Petals smaller than the cup, leaves winged, and doubly compound. — Martyn. 57. **Sowerby. 963.**

Rubbish, June, A. Common.

Wormseed.



Capsule a Pod. Siliquosa.

*Wormseed.* ERYSIMUM. Gen. Pl. 1090.

Pod like a pillar, exactly 4-sided, cup closed.

477. *Hedge Mustard.* — E. officinale.

Pods pressed to the spike, leaves notched. —

Curtis. V. 50. Woodville. 244.

Rubbish, July, A. Common.

478. *Garlick Wormseed.* — E. Alliaria.

Leaves heart-shaped. — Curtis. II. 48.

Woodville. 245. **Sowerby 796.**

Hedges, April, B. Common.

479. *Winter Cresses.* E. Barbarea.

Leaves lyre-shaped, outer segment roundish. —

Sowerby. 443.

Banks, May, P. Common.

*Wallflower.* CHEIRANTHUS. Gen. Pl. 1091.

Germ with a glandular tooth on each side,  
cup closed, 2 of the leaves hunched at the

base. Seeds flat.

480. *Common Wallflower.* — C. Cheiri.

Leaves spear-shaped, pointed, smooth, very  
entire, branches angular, stem shrubby. —

Petiver. XLV. 3.

Walls, May, P. Rare.

*Walls of Bedford Castle.*

*Turkey-pod.*



*Phasium*  
*multicapsulare.*

Capsule a Pod. Siliquosa.

*Turkey-pod.* ARABIS. Gen. Pl. 1094.

Honey-cup-glands 4, one within each leaf of the cup, like a reflected scale.

481. *Mouse-ear.* — A. thaliana.

Leaves on leafstalks, spear-shaped, very entire. — Curtis. II. 49. **Sowerby. 901.**

Walls and Fields, April, A. Rare.

*Amptbill,* — *Aspley.*

*Obs:*

*The bottom leaves form a rose: stem a span high and more, seldom branched, stem leaves ovate, somewhat scolloped, flowers minute, pods long, nail-shaped, and standing on fruitstalks.*

*Cabbage.* BRASSICA. Gen. Pl. 1096.

Cup erect, approaching. Seeds round, a gland between the shorter threads and the female organ, and between the longer and the cup.

482. *Turnep.* — B. Rapa.

Root continuing from the stem round, flatted, fleshy. — Martyn. 49. 50. admirable.

Fields, April, B. Common.

483. *Navew.* — B. Napus.

Root continuing from the stem, spindle-shaped. — Martyn. 103.

U

Fields,



Capsule a Pod. Siliquosa.

Fields, April, B. Rare.

Aspley.

*Mustard.* SINAPIS. Gen. Pl. 1097.

Cup open, claws of the blossom upright, a gland between the shorter threads and the female organ, and between the longer and the cup.

484. *Common Mustard.* — *S. arvensis.*

Pods with many angles, swollen and branched out, smooth, longer than the two-edged beak. — Curtis. V. 47. Martyn. 101.

Fields, June, A. Common.

485. *White Mustard.* — *S. alba.*

Pods rough with hair, beak sword-shaped, oblique, and very long. — Curtis. V. 46. Martyn. 70. *Sowerby. 1677.*

Fields, June, A. Common.

*Obs:*

*This plant is easily distinguished from all the other species, by it's scymitar-shaped beak.*

486. *Black Mustard.* — *S. nigra.*

Pods smooth, pressed close to the spikestalk. — Woodville. 151. Martyn. 51. *Sowerby. 969.*

Cornfields, July, A. Rare.

Clapham Hill, — Cardington.

*Radish.*



Capsule a Pod. Siliquosa.

*Radish.* RAPHANUS. Gen. Pl. 1098.

Cup closed. Pod branching out, mostly jointed, round. Honey-cup-glands 2, between the shorter threads and the female organ, as many between the longer ones and the cup.

487. *Wild Radish.* — R. Raphanistrum.

Pods round, jointed, smooth, 1-celled. —

Curtis. IV. 46. Martyn. 71. *Sowerby.* 056.

Cornfields, July, A. Common.

#### C L A S S. XVI.

Character of the XVIth. Class.

*The threads are all united at the base, but separate at the top.*

Threads in I Set. V Males. Monad. Pentand.

*Stork's-bill.* ERODIUM. (L' Heritier.)

Cup of 5 leaves. Blossom of 5 petals. Necessary 5 scales, with alternate filaments and honey-cup-glands, sitting on the base of the threads. Fruit 5 seeds, each with a beak. Beaks twisted like a corkscrew, bearded within.

488. *Hemlock-leaved Stork's-bill.* — E. cicutarium.



Threads in I Set. V Males. Monad. Pentand.

Fruitstalks with many flowers, leaves winged, leaflets sitting, with many divisions. — Curtis. I. 51.

Walls and Fields, May, A. Common.

489. *Burnet Stork's-bill*. — *E. pimpinellæ-folium*.

Fruitstalks with many flowers, leaves winged, leaflets doubly winged, 2 upper petals spotted. — (*Sibthorpe*.)

Sandy Fields, June, A. Rare.

*Aspley*.

*Obs*:

*Petals not with 2 spots in each, but the 2 upper petals marked each at the base with 1 greenish spot.*

Threads in I Set. X Males. Monad. Decand.

*Crane's-bill*. GERANIUM. (*L'Heritier*.)

Cup of 5 leaves. Blossom regular, of 5 petals. Nectary 5 honey-bearing glands, growing to the base of the longer threads. Fruit a seed of 5 berries, beaked; beaks simple, naked, neither twisted nor bearded.

490. *Meadow Crane's-bill*. — *G. pratense*.

Fruitstalks with 2 flowers, leaves with nearly central footstalks, in many divisions, wrinkled, pointed, petals entire. — Curtis. IV. 49. Sowerby. 404.

Meadows,

489 X *Musky Stork's Bill*. *E. moschatum*.

Fruitstalks with many flowers, leaves winged, leaflets nearly sitting, elliptical, irregularly ~~cut~~.

Sowerby. Tab. 902.

A May. Rare.

Sandy Heaths on elevated spots.

*Amphiblastema*.

*Lutea* Hort. — *End. End.*

*Obs*:

*Obs*:

*Hort. Robert*. — *G. robertianum*.

leaves in fives and threes, cut in, cups with

— Curtis. I. 51. Sowerby. 404.

Walls, Heaths, June, A. Common.

*Straw*



Threads in I Set. X Males. Monad. Decand.

Meadows, June, P. Common.

491. *Perennial Crane's-bill*. — *G. pyrenaicum*.

Leaves rounded, with 3 or nearly 5 lobes, cut in, petals cloven in two. — Curtis. III. 42.

Rubbish, June, P. Rare. **Sowerby. 405.**

*Luton Hoo, — Ford-End.*

*Obs:*

Root rather woody, flowering branches prostrate, adorned with numerous flowers, twice as large as those of the common *Dove's-foot*. Petals nicked, between rose and flesh-color. Anthers blue.

492. *Dusky Crane's-bill*. — *G. phæum*.

Fruitstalks solitary, opposite the leaves, cups somewhat awned, stem upright, petals waved. — Sowerby. 322.

Pastures and Lanes, June, P. Rare.

*Eversholt.*

*Obs:*

The threads almost incorporated at the base afford an excellent instance of the class *Monadelpia*. It is distinguished, by its elegantly waved, reflected and dusky brown petals.

493. *Herb Robert*. — *G. robertianum*.

Leaves in fives and threes, cut in, cups with 10 angles. — Curtis. I. 52. **Sowerby. 1406.**

Walls, Hedges, June, A. Common.

*Shining*



Threads in I Set. X Males. Monad. Decand.

494. *Shining Crane's-bill*. — *G. lucidum*.

Fruitstalks with 2 flowers, cups pyramidal, angular, angles raised and wrinkled, leaves with 5 lobes rounded. — Flora Danica. 218.

Sowerby. 75.

Walls, Hedges. June, A. Rare.

Elstow, — Caldwell.

495. *Soft Dove's-foot Crane's-bill*. — *G. molle*.

Fruitstalks with 2 flowers, floral leaves alternate, petals cloven, cups awnless, stem nearly upright. — Curtis. II. 50. Sowerby. 778.

Cornfields, May, A. Common.

496. *Longstalked Dove's-foot Crane's-bill*. —  
*G. columbinum*.

Fruitstalks longer than the leaf, leaves with 5 divisions and many segments, cups with 5 angles, coat of the seeds smooth. — Sowerby. 259.

Cornfields, July, A. Rare.

Cox's Pits, Biddenham.

497. *Fagged-leaved Crane's-bill* — *G. dissectum*.

Fruitstalks shorter than the leaf, leaves with 5 divisions, subdivided into three, petals nicked, coat of the seeds woolly. — Curtis.

VI. 45. Sowerby. 753.

Hedges

\* 495. *Dove's foot Crane's bill* - *G. rotundifolium*.

Fruitstalks with 2 flowers, petals entire the length of the cup, stem expanding leaves kidney-shaped, notched, seeds reticulated, dotted

Sowerby 157.

Dry gravelly Banks, rare.

Bank on the left hand of the Land, Freeman of Bedford's Common, as you enter it from Gravel-lays.

July. 3. 1802.



Threads in I Set. X Males. Monad. Decand.

Hedges and Cornfields, June, A. Common.

498. *Small-flowered Dove's-foot Crane's-bill.* —

*G. parviflorum.*

Stem somewhat downy, 5 males in the flower,  
petals nicked, seedcoats smooth, covered  
with flattened hairs. — (Curtis.)

Curtis. VI. 46. Sowerby. 385.

Fallow Fields, June, A. Common.

Threads in I Set. Many Males. Monad. Polyand.

*Mallow.* MALVA. Gen. Pl. 1134.

Cup double, outer one of 3 leaves, seed coats  
many, 1 seed in each.

499. *Common Mallow.* — *M. sylvestris.*

Stem herbaceous, upright, leaves with 7 poin-  
ted lobes, fruit and leafstalks hairy. — Cur-  
tis. II. 51. **Sowerby. 671.**

Rubbish, June, P. Common.

500. *Dwarf Mallow.* — *M. rotundifolia.*

Stem prostrate, leaves round, heart-shaped,  
imperfectly 5-lobed, fruitstalks when in  
seed hanging down. — Curtis. III. 43. **Sowerby. 1092.**

Rubbish, June, P. Common.

501. *Jagged Vervain Mallow.* — *M. moschata.*

Stem



Threads in I Set. Many Males. Monad. Polyand.

Stem erect, root leaves kidney-shaped, jagged, stem leaves with 5 divisions, segments between winged and cloven, into many divisions. — Curtis. IV. 50. **Sowerby. 754.**

Woods, June, B. Rare.

Milton, — Clapham, — Bletsoe.

C L A S S. XVII.

Character of the XVIIth. Class.

Threads in II Sets. Flowers butterfly-shaped.

Threads in II Sets. VI Males. Diad. Hexand.

Fumitory. FUMARIA. Gen. Pl. 1154.

Cup of 2 leaves. Blossom gaping. Threads 2, skinny, each with 3 anthers.

502. Common Fumitory. — F. officinalis.

Capsules in bunches, with 1 seed in each, stem spreading. — Curtis. II. 52. Woodville. 88. Martyn. 68. **Sowerby. 509.**

Fields, May, A. Common.

Threads in II Sets. VIII Males. Diad. Octand.

Milkwort. POLYGALA. Gen. Pl. 1155.

Cup of 5 leaves, leaflets wing-shaped, colored, pod inversely-heart-shaped, with 2 cells.

Common



\* 502. Yellow Fumitory. F. lutea.

Pods nearly cylindrical, shorter than their foot-stalk — Stems spreading, angular: floral leaves minute: Spur short, rounded.

**Sowerby. 500.**

In the vicinity of gardens, not uncommon.  
May. P.



Threads in II Sets. VIII Males. Diad. Octand.

503. *Common Milkwort.* — *P. vulgaris.*

Flowers awned, in bunches, stems herbaceous, simple, trailing, leaves strap-spear-shaped. — Sowerby. 76.

Barren Spots, June, B. Common.

Threads in II Sets. X Males. Diad. Decand.

*Broom.* SPARTIUM. Gen. Pl. 1166.

Stigma longitudinal, woolly above. Threads adhering to the base. Cup lengthened downwards.

504. *Common Broom.* — *S. scoparium.*

Leaves in threes and solitary, branches without prickles, angular. — Curtis. V. 52.

Woodville. 89. Sowerby. 1339.

Sandy Fields, May, S. Common.

*Green-wood.* GENISTA. Gen. Pl. 1167.

Cup with 2 lips, upper consisting of 2, the under of 3 leaflets. Standard oblong, bent downwards from the male and female organs.

505. *Yellow Green-wood.* — *G. tinctoria.*

Leaves spear-shaped, smooth, branches scored, round, upright. — Sowerby. 94. 44.

Pastures, June, S. Rare.



Threads in II Sets. X Males. Diad. Decand.

*Stevington, — Clapham between Woods.*

*Obs :*

*Stems at first trailing, then ascending, leaves ovate, sitting.  
Flowers in a loose spike, yellow. Keel and wings upright.*

506. *Needle Furze.* — *G. anglica.*

Thorns simple, flowering branches without prickles, leaves spear-shaped. — Sowerby.

132.

Heaths, May, S. Rare.

*Amptbill Heath.*

*Obs :*

*Root woody, lying spread on the ground. Flowering branch erect, without prickles. Pods smooth, turgid.*

*Furze.* ULEX. Gen. Pl. 1169.

Cup of 2 leaves. Pods scarcely longer than the cup.

507. *Common Furze.* — *U. europæus.*

Leaves woolly, pointed, thorns scattered. —

Flora Danica. 608. **Sowerby. 742.**

Heaths, April, S. Common.

*Rest-barrow.* ONONIS. Gen. Pl.

Cup of 5 leaves. Segments strap-shaped.

Standard scored. Pod swollen, sitting.

Threads growing together, not separated.

*Field*



Threads in II Sets. X Males. Diad. Decand.

508. *Field Rest-barrow.* — *O. arvensis.*

Flowers in bunches, leaves in threes, upper ones solitary, branches without prickles, somewhat woolly. — Blackwell. 301.

Cornfields, June, P. Common.

509. *Thorny Rest-barrow.* — *O. spinosa.*

Flowers in bunches, solitary, leaves in threes or single, branches thorny. — Martyn. 129. **Sowerby. 682.**

Pastures, June, P. Common.

*Ladies' Finger.* ANTHYLLIS. Gen. Pl. 1174.

Cup bellying. Pod nearly round, covered.

510. *Common Ladies' Finger.* — *A. Vulneraria.*

Herbaceous, leaves winged, unequal, flowers in a double head. — Sowerby. 104.

Dry Pastures, June, P. Rare.

*Oakley, — Cox's Pits, — Barton.*

*Peaseling.* OROBUS. Gen. Pl. 1185.

Style strap-shaped. Cup blunt at the base, upper segments deeper and shorter.

511. *Wood Pease.* — *O. tuberosus.*

Leaves winged, spear-shaped, leaf-scales half-arrow-shaped, very entire, stem simple. —

Curtis. I. 53. **Sowerby. 1153.**

Woods, April, P. Rare.

*Sphagnum arborescens.*



Threads in II Sets. X Males. Diad. Decand.

*Aspley, — Birchmore.*

*Obs:*

*Fruitstalks with 4 flowers, nodding before they are in bloom.  
Pods black when ripe.*

*Vetchling.* LATHYRUS. Gen. Pl. 1186.

Style flat, woolly above, broader upwards,  
2 upper segments of the cup shortest.

512. *Crimson Grass Vetch.* — L. Nissolia.

Fruitstalks with 1 flower, leaves simple, leaf-  
scales awl-shaped. — Sowerby. 112. Cur-  
tis. VI. 51.

Hedges, June, A. Rare.

*Putnoe, — Brombam, — Amphill.*

513. *Narrow-leaved Wood Pea.* — L. sylvestris.

Fruitstalks with many flowers, tendrils with  
2 leaves, leaflets sword-shaped, membranes  
between the joints. — Curtis. VI. 52.

Woods, June, P. Common.

514. *Broad-leaved Wood Pea.* — L. latifolius.

Fruitstalks with many flowers, tendrils with  
2 leaves, leaves spear-shaped, membranes  
between the joints. — Flora Danica. 785.

Woods, July, P. Rare.

*Hawnes, — Brombam.*

Meadow

Sowerby. 105.

Sowerby. 1100.



Threads in II Sets. X Males. Diad. Decand.

515. *Meadow Vetchling*. — *L. pratensis*.

Fruitstalks with many flowers, tendrils with 2 leaves undivided, leaflets spear-shaped. —

Curtis. III. 44. Martyn. 52. **Sowerby. 670.**

Meadows, June, P. Common.

*Vetch*. VICIA. Gen. Pl. 1187.

Stigma with a transverse beard on the lower side.

516. *Wood Vetch*. — *V. sylvatica*.

Fruitstalks with many flowers, leaflets oval, leafscales finely toothed. — Sowerby. 79. admirable.

Woods, June, P. Rare.

*Sheerbatch Wood*, — *Eversholt*.

*Obs*:

The fringes of the leafscales set this plant apart from all the others.

517. *Tufted Vetch*. — *V. Cracca*.

Fruitstalks with many flowers, flowers tiled, leaflets spear-shaped, downy, leafscales entire. — Curtis. V. 54.

**Sowerby. 1160 —**

Woods, Hedges, June, P. Common.

518. *Common Vetch*. — *V. sativa*.

Pods sitting, generally 2 together, upright, leaves indented, leafscales with a burnt spot. — Martyn. 116. Sowerby. 334.

Fields,



Threads in II Sets. X Males. Diad. Decand.

Fields, June, A. Common.

519. *Narrow-leaved Vetch.* — *V. angustifolia.*

Pods nearly sitting, generally 2 together, expanding, lower leaflets inversely-heart-shaped, nicked and pointed, upper ones strap-shaped. — Johnson's Gerard. 1227. 4.

Heaths, Woods, June, A. Common.

520. *Bush Vetch.* — *V. sepium.*

Pods on partial fruitstalks, mostly in fours, upright, leaflets ovate, very entire, outer ones decreasing in size to the end. — Flora Danica. 699. Sowerby. 1515.

Woods, May, P. Common.

521. *Strangle Tare.* — *V. lathyroides.*

Pods nearly sitting, solitary, upright, smooth, leaflets 6, lower ones inversely heart-shaped. — Sowerby. 30, admirable.

Grassy spots in sand, May, A. Rare.

*Amptbill, — Maulden, — Clophill.*

*Obs:*

Root ornamented with garnet-colored tubercles. Leaf scales without the burnt spot, leaflets 2 or 3 pair without an odd one or tendrils, ending in a point.

*Tine Tare.* ERVUM. Gen. Pl. 1188.

Cup of 5 segments, the length of the blossom.

*Smooth-podded*



Threads in II Sets. X Males. Diad. Decand.

522. *Smooth-podded Tare.* — *E. tetraspermum.*  
Fruitstalks with mostly 2 flowers, seeds four,  
round. — Curtis. I. 55.

Hedges, June, A. Common.

523. *Hairy Tine Tare.* — *E. hirsutum.*  
Fruitstalks with many flowers, seeds 2,  
round. — Curtis. I. 54. *Sowerby. 970.*

Hedges, June, A. Common.

*Bird's-foot.* ORNITHOPUS. Gen. Pl. 1199.

Pod jointed, round, arched.

524. *Least Bird's-foot.* *O. perpusillus.*

Leaves winged, pods bowed inward. — Cur-  
tis. VI. 53. *Sowerby. 369. admirable.*

Heaths, June, A. Rare.

*Southill,—Amptbill,—Aspley.*

*Obs:*

*Root rough with tubercles, fibrous. Capsule jointed. Stems  
much branched, trailing. Leaflets 8 or 10 pair, with an odd  
one. Flowers in heads, small, standards scored.*

*Horse-shoe Vetch.* HIPPOCREPIS. Gen. Pl. 1200.

Pod flat, crooked, one of the seams with ma-  
ny nicks.

525. *Tufted Horse-shoe Vetch.* — *H. comosa.*

Pods on fruitstalks, crowded, arched, rough,  
waved on either edge. — *Sowerby. 31.*

Hilly



Threads in II Sets. X Males. Diad. Decand.

Hilly Pastures, May, P. Rare.

*Barton Hill.*

*Obs :*

*Pod flattened, zigzag. Standard marked with very delicate veins. Leaflets 5 or 6 pair, with an odd one, all alike, and inversely heart-shaped.*

*Sainfoin.* HEDYSARUM. Gen. Pl. 1204.

Keel of the blossom transversely blunt. Pod with 1 seed in each joint.

526. *Common Sainfoin.* — H. Onobrychis.

Leaves winged, shells with 1 seed, prickly, wings of the blossom as long as the cup, stem lengthened out. — Sowerby. 96. Martyn. 47.

Pastures, June, P. Rare.

*Barton Hills,—Ford End Pastures.*

*Cock's-head.* ASTRAGALUS. Gen. Pl. 1208.

Pod with 2 cells hunched.

527. *Liquorice Vetch.* — A. glycyphyllos.

Stems leafy, prostrate, pods nearly 3-square, arched, leaves oval, longer than the fruit-stalk. — Sowerby. 203.

Hedges, July, P. Rare.

*Bromham,—Oakley.*

*Obs :*

*Fruitstalks round, seeds kidney-shaped.*

*Trefoil.*



Threads in II Sets. X Males. Diad. Decand.

*Trefoil.* TRIFOLIUM. Gen. Pl. 1211.

Flowers mostly in heads. Pod scarcely longer than the cup, not opening, falling off.

528. *Melilot.* — T. Melilotus officinalis.

Pods in bunches, naked, 2 seeds in each, wrinkled, pointed, stem upright. — Martyn. 72. **Sowerby. 1340.**

Pastures, Woods, June, A. Common.

529. *Dutch Clover.* — T. repens.

Heads like umbels, pods with 4 seeds, stem creeping. — Curtis. III. 46. admirable. Martyn. 34.

Meadows, Pastures, May, P. Common.

530. *Subterraneous Trefoil.* — T. subterraneum.

Heads woolly, with 5 flowers, central tuft bent back, stiff, enclosing the seed. — Curtis. II. 54. admirable. **Sowerby. 1048.**

Heaths, June, A. Rare.

*Amptbill, — Clophill.*

*Obs :*

It is an error to suppose that the capsules of this Trefoil take root in their deflected position. The root divides into very small and delicate fibres. Stems prostrate, woolly. Flowers white, tubular, and for the size of the plant beautiful.

Y

Honey-suckle



Threads in II Sets. X Males. Diad. Decand.

531. *Honey-suckle Trefoil*. — *T. pratense*.

Spikes round, somewhat woolly, surrounded by leafscales, which are opposite, with membranaceous borders, blossoms consisting of 1 petal. — Martyn. 3.

Pastures, June, P. Common.

532. *Zigzag Trefoil*. — *T. medium*.

Spikes loose, blossoms nearly equal, leafscales awl-shaped, approaching, stems zigzag, branched. — Sowerby. 190. Martyn. 13. admirable.

Pastures, June, P. Rare.

*Brombam, — Milton Hill.*

533. *Brimstone Trefoil*. — *T. ochroleucum*. SD.

Spikes woolly, stem upright, downy, lower leaflets inversely heart-shaped. — Curtis. VI. 49. Martyn. 35. admirable.

Pastures, June, P. Rare.

*Potton, — Everton, — Clapham.*

534. *Hare's-foot Trefoil*. — *T. arvense*.

Spikes woolly, oval, teeth of the cup bristle-shaped, woolly, equal. — Curtis. VI. 50.

Pastures, July, A. Common.

535. *Rough Trefoil*. — *T. scabrum*.

Heads

*Sent July 1<sup>st</sup> 1800 —*

*Sowerby. 944.*



Threads in II Sets. X Males. Diad. Decand.

Heads sitting, lateral, ovate, segments of the cup unequal, rigid, bowed back. — Curtis.

VI. 48. *Sowerby*. 903.

Dry Pastures, June, A. Rare.

*Potton, — Sandy, — Amptbill.*

536. *Knotted Trefoil*. — *T. striatum*.

Heads sitting, nearly lateral, ovate, cups scored, rounded. — Ray's Synopsis. XIII. 3.

Dry spots, June, A. Rare.

*Biddenham, — Aspley,*

537. *Strawberry Trefoil*. — *T. fragiferum*.

Spikes nearly round, cups inflated with 2 teeth bent back, stems creeping. — Curtis.

II. 55. *Sowerby*. 1050.

Wet Pastures, August, P. Common.

538. *Procumbent Trefoil*. — *T. procumbens*.

Spikes somewhat ovate, tiled, standards permanent, bowed down, stems spreading. —

Curtis. III. 45. *Sowerby*. 945.

Cornfields, June, A. Common.

539. *Intermediate Trefoil*. — *T. dubium*.

Spikes nearly round, loosely tiled, standards permanent, bowed down, stems trailing. —

Curtis. V. 53. *Sowerby*. 1256.

Pastures, June, A. Common.



Threads in II Sets. X Males. Diad. Decand.

540. *Small Trefoil.* — *T. filiforme.*

Spikes somewhat tiled, standards permanent, bowed down: cups on partial fruitstalks, stems trailing. — Ray's Synopsis. XIV. 4.

Pastures, May, A. Rare.

*Biddenham, — Bury Field.*

*Obs :*

*Every flower stands on a distinct thread-shaped fruitstalk.*

*Claver.* LOTUS. Gen. Pl. 1212.

Pod cylindrical, quite straight. Wings approaching upwards longitudinally. Cup tubular.

541. *Bird's-foot Claver.* — *L. corniculatus.*

Heads depressed, stems trailing, pods cylindrical, expanding. — Curtis. II. 56. Martyn. 53.

Dry Pastures, June, P. Common.

*Medick.* MEDICAGO. Gen. Pl. 1214.

Pod flat, wreathed. Keel of the blossom bent down from the standard.

542. *Lucern Medick.* — *M. sativa.*

Flowers in bunches, pods narrow, regular, twisted, stem upright, smooth. — Johnson's Gerard. 1189. 2.

Pastures, July, P. Common.

*Hop*

Sowerby. 1257



Threads in II Sets. X Males. Diad. Decand.

543. *Hop Medick.* — *M. lupulina.*

Spikes oval, pods kidney-shaped, with 1 seed  
in each, stem trailing. — Curtis. II. 57. **Sowerby. 976.**

Dry Pastures, June, A. Common.

C L A S S. — XVIII.

Character of the XVIIIth. Class.

*Threads in many Sets. Polyadelphia.*

Many Sets. Many Males. Polyad. Polyand.

*St. John's Wort.* HYPERICUM. Gen. Pl. 1224.

Cup of 5 segments. Petals 5. Threads many,  
united at the base into 5 sets. A capsule.

544. *Common St. John's Wort.* — *H. perforatum.*

Three females in each flower, stem 2-edged,  
leaves blunt with transparent dots. — Curtis.

I. 57. Sowerby. 295.

Hedges, August, P. Common.

545. *St. Peter's Wort.* — *H. quadrangulum.*

Three females in each flower, stem square,  
herbaceous. — Curtis. IV. 52. Sowerby. 370.

Bogs and Ditches, July, P. Common.

546. *Trailing St. John's Wort.* — *H. humifusum.*

Three



Many Sets. Many Males. Polyad. Polyand.

Three females in each flower, flowers solitary, from the bosom of the leaves, stems 2-edged, prostrate, thread-shaped, leaves smooth. — Curtis. III. 50.

Heaths, June, P. Rare.

*Ampthill, — Potton, — Aspley.*

*Obs :*

*Root fibrous, stems many, branches often forked, leaves red toward the root. Segments of the cup and petals alternate.*

547. *Woolly St. Peter's Wort.* — *H. elodes.*

Three females in each flower, stem cylindrical, creeping, leaves roundish, woolly. — Sowerby. 109. admirable.

Bogs, July, P. Rare.

*Potton Marshes.*

*Obs :*

*Spaces between the upper joints of the stem hairy, smooth below.*

548. *Hairy St. John's Wort.* — *H. hirsutum.*

Three females in each flower, cups notched, with glandules, stem round, upright, leaves ovate, rather downy. — Curtis. III. 49.

Woods, Hedges, July, P. Common.

549. *Upright St. John's Wort.* — *H. pulchrum.*

Three



Many Sets. Many Males. Polyad. Polyand.

Three females in each flower, cups notched, with glandules, leaves heart-shaped, smooth, stem round. — Curtis. I. 56.

Heaths, July, P. Rare.

*Amptbill,—Aspley,—Potton.*

*Obs :*

*Stem at first weak and leaning, afterwards upright, leaves undotted, shining : between them rise fruitstalks, each bearing 3 flowers.*

550. *Imperforate St. John's Wort.* — *H. dubium.*

Three females in each flower, stem obsolete 4-edged, leaves obtuse, destitute of pellucid dots, cup leaves elliptical. — (*English Botany.*) Sowerby. 296.

Woods, August, P. Rare.

*Luton.*

Found by the late T. VAUX, Esq.

*Obs :*

*Leaves opposite, hoary underneath.*

### C L A S S. XIX.

Anthers united. Syngenesia.

Character of the XIXth. Class.

*Flowers compound. Anthers united so as to form a cylinder, each individual seed placed on a common bed or receptacle under it's correspondent floret.*

*In*



Equal Polygamy. Polyg. Æq.

*In this first subdivision all the florets both in the ray and disc are furnished alike with male and female organs.*

*Goat's-beard.* TRAGOPOGON. Gen. Pl. 1229.  
Receptacle naked, cup simple, feather downy.

551. *Yellow Goat's-beard.* — T. pratense.

Cups as long as the rays of the blossom, leaves entire, straight. — Petiver. XV. 6.

Pastures, June, B. Common.

*Ox-tongue.* PICRIS. Gen. Pl. 1231.

Receptacle naked, cup surrounded by another, feather downy, seeds transversely furrowed.

552. *Common Ox-tongue.* — P. echioides.

Outer cup of 5 leaves, greater than the inner, Sowerby. 972. inner cup awned. — Curtis. III. 51.

Woods and Road-sides, July, A. Common.

553. *Hawkweed Ox-tongue.* — P. hieracioides.

Cups loose, leaves entire, fruitstalks covered, with scales up to the cup. — Sowerby. 196.

Borders of Fields, July, B. Common.

Obs :

*Stem 2 or 3 feet high, fruitstalks loosely scaled up to the cups. Root-leaves marked with very long teeth. Globe of the feather a perfect ball.*

*Sowthistle.*



Equal Polygamy. Polyg. Æq.

*Sowthistle*. SONCHUS. Gen. Pl. 1233.

Receptacle naked, cup tiled, bellying, feather hairy.

554. *Common Sowthistle*. — S. oleraceus.

Fruitstalks woolly, cups smooth. — Curtis. II. 58. **Sowerby. 843.**

Fields, July, A. Common.

555. *Field Sowthistle*. — S. arvensis.

Fruitstalks and cups rough with hair, leaves notched, heart-shaped at the base. — Curtis. IV. 53. **Sowerby. 674.**

Cornfields, July, P. Common.

Obs:

Stem 3 to 4 feet high and more: milky, rising from a milky root, leaves in alternate order, notched: in the upper part of the stem entire, and clothed with harmless prickles. Flowers splendid, golden yellow. Cups with hairs surmounted by glandules, after flowering turgid at the base.

*Dandelion*. LEONTODON. Gen. Pl. 1237.

Receptacle naked, cup tiled with loosish scales, feather downy, sitting.

556. *Common Dandelion*. — L. Taraxacum.

Lower scales of the cup bent back, leaves notched, with fine teeth, smooth. — Curtis.

I. 58. **Sowerby. 510 -**

Meadows, Pastures, April, P. Common.

Z

Autumnal

Lettuce Lactuca Gen. Pl. 1234

Receptacle naked, cup tiled, cylindrical, margin thinny, Feather simple, on a stem, seeds smooth.

\* 555. Mild scented Lettuce. *L. scarista*  
Leaves vertical, keel prickly.

**Sowerby. 268.**

Hedge Banks. B. August, Rare.

Stagsden.



Equal Polygamy. Polyg. Æq.

557. *Autumnal Dandelion.* — *L. autumnale.*

Stem branched, fruitstalks scaly, leaves spear-shaped, toothed, very entire, smooth. —

Johnson's Gerard. 297. 3. **Sowerby. 830.**

Pastures, August, P. Common.

Obs :

Root bitten off.

558. *Rough Dandelion.* — *L. hispidum.*

The whole cup upright, leaves toothed, very entire, rough with hair, hairs forked. —

Curtis, V. 56. **Sowerby. 554.**

Pastures, July, P. Common.

Obs :

The flowers nod before they open.

559. *Deficient Dandelion.* — *L. hirtum.*

**Sowerby. 555.** The whole cup upright, leaves toothed, hairy, hairs undivided. — Curtis. VI. 59.

Heaths, Commons, June, P. Common.

*Hawkweed.* HIERACIUM. Gen. Pl. 1238.

Receptacle naked. Cup tiled, ovate. Feather simple, sitting.

560. *Mouse-ear Hawkweed.* — *H. Pilosella.*

Leaves very entire, ovate, cottony underneath, suckers creeping, stem with 1 flower. —

Curtis. IV. 54. **Sowerby. 1093.**

Heaths,



## Equal Polygamy. Polyg. Æq.

Heaths, Pastures, June, P. Common.

561. *Wall Hawkweed.* — *H. murorum.*Stem branched, root leaves ovate, toothed,  
stem leaf smaller. — Johnson's Gerard.

304.

Walls and Woods, July, P. Rare.

*Aspley, — Everton, — Silsoe.*562. *Sbrubby Hawkweed.* — *H. sabaudum.*Stem upright, bearing many flowers, leaves  
ovate-spear-shaped, toothed, embracing the  
stem. — Sowerby. 349. excellent.

Woods, July, P. Rare.

*Aspley.**Obs :**Stem 3 to 4 feet high, covered very closely towards the bottom  
with tooth-spear-shaped leaves.*563. *Umbelliferous Hawkweed.* — *H. umbellatum.*Leaves strap-shaped, somewhat toothed, scat-  
tered, flowers in a kind of umbel. — Curtis.  
VI. 58.

Heaths and Woods, July, P. Rare.

*Aspley.**Hawk's-beard.* CREPIS. Gen. Pl. 1239.Receptacle naked. Cup with a smaller one  
at the base, scales falling off. Feather  
downy, on a pillar.



Equal Polygamy. Polyg. Æq.

564. *Smooth Hawk's-beard.* — *C. tectorum*.

Sowerby. 1111. Leaves spear-shaped, notched, sitting smooth,  
lower ones toothed. — Curtis. V. 55.

Walls and Banks, June, A. Common.

*Swine's Succory.* HYOSERIS. Gen. Pl.

Receptacle naked. Cup nearly equal. Feather hairy, and with a small cup.

565. *Least Swine's Succory.* — *H. minima*.

Stem branched, naked, fruitstalks thickening  
upwards. — Sowerby. 95.

Cornfields, May A. Rare.

Amptbill, — Maulden.

Obs :

Leaves in a rose, crowded: stems trumpet-shaped, red towards the root.

*Cat's-ear.* HYPOCHÆRIS. Gen. Pl. 1246.

Receptacle chaffy. Cup somewhat tiled.  
Feather downy.

566. *Long-rooted Cat's-ear.* — *H. radicata*.

Leaves notched, blunt, rough, stem branched,  
naked, smooth, fruitstalks scaly. —

Curtis. III. 52. Sowerby. 831.

Pastures, July, P. Common.

Obs: Segments of the cup keeled: keel fringed with stiffish hairs.

Smooth

Equal Polygamy. Polyg. Æq.

567. *Smooth Cat's-ear.* — *H. radicata*.

Cup oblong, tiled, stem branched, naked,  
leaves tooth-waved. — Curtis. III. 52. Sowerby. 831.

Heath, June, A. Rare.

Amptbill, — Maulden.

Obs :

Cup nearly equal to the stem, flowers of the stem

*Nymphs-ear.* LACTUCA. Gen. Pl. 1246.

Receptacle naked. Cup with a small cup,  
each of the upper scales channelled.

568. *Common Nymphs-ear.* — *L. communis*.

Cup of the fruit angular, flattened, stem  
much branched. — Curtis. I. 59. Sowerby. 841.

Cornfields, July, A. Common.

Sowerby. 841. Gen. Pl. 1246.

Receptacle somewhat chaffy. Cup double,  
feather mostly with 5 teeth, imperfectly

569. *Wild Succory.* — *C. arvensis*.

Flowers of the stem, leaves notched, stem  
Curtis. III. 52. Sowerby. 831.

570. *Smooth Succory.* — *C. arvensis*.

Fields, July, B. Common.



Equal Polygamy. Polyg. Æq.

567. *Smooth Cat's-ear*. — *H. glabra*.

Cups oblong, tiled, stem branched, naked,  
leaves tooth-waved. — Curtis. III. 53. **Sowerby. 575.**

Heaths, June, A. Rare.

*Amphill*, — *Sandy*, — *Potton*.

*Obs:*

*Cup smooth, purple at the point, flowers not bigger than a  
silver penny.*

*Nipplewort*. LAPSANA. Gen. Pl. 1247.

Receptacle naked. Cup with a smaller one,  
each of the inner scales channelled.

568. *Common Nipplewort*. — *L. communis*.

Cups of the fruit angular, fruitstalks thin,  
much branched. — Curtis. I. 59. **Sowerby. 844.**

Cornfields, July, A. Common.

*Succory*. CICHORIUM. Gen. Pl. 1251.

Receptacle somewhat chaffy. Cup double.  
Feather mostly with 5 teeth, imperfectly  
hairy.

569. *Wild Succory*. — *C. Intybus*.

Flowers in pairs, sitting, leaves notched. —  
Curtis. IV. 56. Woodville. 248. Martyn.

**144. Sowerby. 539.**

Fields, July, B. Common.

*Burr.*



Equal Polygamy. Polyg. Æq.

*Burr.* ARCTIUM. Gen. Pl. 1253.

Cup globular, with hooked scales bent in at the point.

570. *Clot Burr.* — A. Lappa.

Leaves heart-shaped, thornless, on leafstalks.

Curtis. IV. 55. Woodville. 15.

Road-sides, July, B. Common.

*Sawwort.* SERRATULA. Gen. Pl. 1264.

Cup somewhat cylindrical, tiled, thornless.

571. *Common Sawwort.* — S. tinctoria.

Leaves harp-shaped, winged, terminal wing the largest; florets all alike. — Sowerby.

38. Common.

Woods and Fields, July, P. Common.

Obs :

Stem 3 to 4 feet high, with prominent angles: bottom leaves often very entire, finely serrated. Cup closely tiled, smooth, with scales of an elegant brown color.

572. *Way Thistle.* — S. arvensis.

Leaves toothed, thorny. — Curtis. VI. 57.

( *Carduus arvensis.* ) Sowerby. 975.

Cornfields, Way-sides, July, P. Common.

*Thistle.* CARDUUS. Gen. Pl. 1254.

Cup ovate, tiled, with thorny scales. Receptacle hairy.

Spear



Equal Polygamy. Polyg. Æq.

573. *Spear Thistle.* — *C. lanceolatus.*

Leaves running down the stem, winged, rough with hair, segments straddling, cups ovate, thorny, woolly: stem hairy. — Sowerby. 107.

Fields and Way-sides, July, B. Common.

574. *Nodding Thistle.* — *C. nutans.*

Leaves half running down the stem, thorny, flowers nodding, scales of the cup open above. — Flora Danica. 675. Sowerby. 112.

Dry Pastures, July, B. Common.

575. *Slender Thistle.* — *C. tenuiflorus.*

Leaves running down the stem, prickly at the edge, branches straight, cups in clusters, sitting, oblong-conical, scales upright, expanding, prickly. — (Curtis.) Curtis. VI. 55. Sowerby. 412.

Borders of Fields, July, A. Rare.

*Alm's Houses,--Cox's Pits.*

576. *Thistle-upon-Thistle.* — *C. polyacanthos.*

Leaves running down the stem, prickly at the edge, branches expanding, cups nearly round, loose, scales awl-shaped, expanding, rather harmless. — (Curtis.) Curtis. VI.

54. Sowerby. 973.

Hedges, July, A. Common.

*Marsh*



Equal Polygamy. Polyg. Æq.

577. *Marsb Thistle.* — *C. palustris.*

Leaves running down the stem, toothed, prickly at the edge, flowers in bunches, upright, fruitstalks thornless. — Curtis. VI. 56.

Wet Places, July, B. Common.

578. *Milk Thistle.* — *C. marianus.*

Leaves embracing the stem, halberd-shaped, winged. Cups leafless, thorns channelled, with double rows of thorns. — Curtis. III. 54.

Rubbish, June, B. Common.

579. *Woolly Thistle.* — *C. eriophorus.*

Leaves sitting, with winged divisions, pointing 2 ways, segments alternate, upright, cups globular, woolly. — Sowerby. 386.

Dry Pastures, July, B. Common.

580. *Dwarf Thistle.* — *C. acaulis.*

Stemless, cup smooth. — Sowerby. 161.

Hilly Pastures, July, P. Common.

Obs:

Cup closely tiled: Root turning inwards, with a brown bark, whitish red within.

*Cotton Thistle.* ONOPORDUM. Gen. Pl. 1256.

Receptacle like a honey-comb. Cupscapes pointed.

Common



Equal Polygamy. Polyg. Æq.

581. *Common Cotton Thistle.* — *O. Acanthium.*

Cups scurfy, scales expanding, leaves oblong

and waved. — Curtis. V. 57. **Sowerby. 977** — .

Borders of Fields, July, B. Common.

*Carlina Thistle.* *CARLINA.* Gen. Pl. 1258.

Cup with a ray, consisting of long marginal colored scales.

582. *Common Carlina Thistle.* — *C. vulgaris.*

Stem with many flowers in a flat topped spike, flowers terminal, cups with a white ray. —

Johnson's Gerard. 1159. I. **Sowerby. 1144** — .

Hilly dry Pastures, July, B. Common.

*Hemp Agrimony.* *BIDENS.* Gen. Pl. 1267.

Receptacle chaffy. Feather with straight awns, rough. Cup tiled. Blossom with sometimes one or two radiated florets.

583. *Trifid Hemp Agrimony.* — *B. tripartita.*

Leaves in threes, cups somewhat leafy, seeds upright. — Curtis. IV. 57. **Sowerby 1113.**

Banks and wet Places, August, A. Common.

584. *Nodding Hemp Agrimony.* — *B. cernua.*

Leaves spear-shaped, embracing the stem, flowers nodding, seeds upright. — Curtis.

III. 55. **Sowerby. 1114.**

A a

Wet



Equal Polygamy. Polyg. Æq.

Wet Places, August, A. Rare.

*Clapham, — Clophill.*

585. *Least Hemp Agrimony.* — *B. minimus.* SD.

Leaves spear-shaped, sitting, flowers as well as the seeds upright. — Ray's Synopsis. VII. 2.

Wet Places, August, A. Rare.

*Kempston Pits.*

*Dutch Agrimony.* EUPATORIUM. Gen. Pl. 1272.

Receptacle naked. Feather downy. Cup oblong. Stile cloven halfway down, long.

586. *Common Dutch Agrimony.* — *E. cannabinum.*

Leaves fringed. — Sowerby. 428.

Woods, July, P. Common.

Superfluous Polygamy. Polyg. Super.

*The hermaphrodite florets of the center are furnished with a female organ, and produce seeds. The female florets also in the circumference produce seeds.*

*Tansy.* TANACETUM. Gen. Pl. 1280.

Receptacle naked. Feather with sometimes a border. Cup tiled, hemispherical. Blossoms of the ray obscurely divided into three.

*Common*



Brynn  
No. 1. sent to  
D. Smith Sowerby  
Jan. 26. 1801. Jan. 22. 1801.  
No. 2.

Sent to  
Dickson *Tr. purpureum.*  
No. 2.  
1801. Feb. 10.

- Superfluous Polygamy. - Polyg. Super. .
587. *Common Tansy.* — *T. vulgare.*  
Leaves doubly winged, jagged, serrated. —  
Woodville. 115.  
Pastures and Road-sides, July, P. Rare.  
*Bromham Grange.*  
*Southernwood.* ARTEMISIA. Gen. Pl. 1281.  
Receptacle somewhat woolly or nearly bare.  
Feather none. Cup tiled with roundish  
scales, approaching. No blossoms in the  
ray.
588. *Wormwood.* — *A. Absinthium.*  
Leaves compound, in many divisions, flowers  
nearly round, hanging down, receptacle  
woolly. — Woodville. 120.  
Road-sides, August, P. Common.
589. *Common Mugwort.* — *A. vulgaris.*  
Leaves winged, flat, jagged, downy under-  
neath, bunches simple, bent back, florets in  
the ray five. — Woodville. 121. *Sowerby. 978* —  
Road-sides, August, P. Common.  
*Cudweed* GNAPHALIUM. Gen. Pl. 1282.  
Receptacle naked. Feather downy. Cup ti-  
led with rounded scales at the edge, skinny,  
colored.
590. *Upright Cudweed.* — *G. rectum.*



Superfluous Polygamy. Polyg. Super.

Stem upright, terminating in a leafy compound spike, leaves strap-spear-shaped, almost naked on the upper side. — (*English Botany.*) Sowerby. 124. excellent.

Heaths and Woods, August, B. Rare.

*Clophill, — Aspley, — Southill.*

Obs :

Root fibrous, leaves hoary underneath, for the most part sitting in the bosoms of the leaves.

591. *Marsh Cudweed.* — *G. uliginosum.*

Stem herbaceous, branched, spreading, flowers crowded, terminal. — *Flora Danica.* 859.

Inundated spots, August, A. Common.

*Spikenard.* CONYZA. Gen. Pl. 1286.

Receptacle naked. Feather simple. Cup tiled, nearly round. Blossoms of the ray trifold.

592. *Plowman's Spikenard.* — *C. squarrosa.*

Leaves spear-shaped, pointed, stem herbaceous, bearing loose topped spikes, cups scurfy. — *Blackwell.* 102.

Road-sides, August, B. Common.

*Fleabane.* ERIGERON. Gen. Pl. 1287.

Receptacle naked. Feather hairy. Blossoms of the ray strap-shaped, very narrow.

Purple

Superfluous Polygamy. Polyg. Super.

193. *Marsh Cudweed.* — *G. uliginosum.*

Stem upright, terminating in a leafy compound spike, leaves strap-spear-shaped, almost naked on the upper side. — (*English Botany.*) Sowerby. 124. excellent.

Heaths and Woods, August, B. Rare.

*Clophill, — Aspley, — Southill.*

Obs :

Root fibrous, leaves hoary underneath, for the most part sitting in the bosoms of the leaves.

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Stem herbaceous, branched, spreading, flowers crowded, terminal. — *Flora Danica.* 859.

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Leaves spear-shaped, pointed, stem herbaceous, bearing loose topped spikes, cups scurfy. — *Blackwell.* 102.

Road-sides, August, B. Common.

*Fleabane.* ERIGERON. Gen. Pl. 1287.

Receptacle naked. Feather hairy. Blossoms of the ray strap-shaped, very narrow.

Purple



Superfluous Polygamy. Polyg. Super.

593. Purple Fleabane. — E. acre.

Fruitstalks alternate, bearing one flower. —

Curtis. I. 60. Hoffman. Ger. Flo. 11. Sowerby 1152

Pastures, August, B. Rare.

Thurleigh, — Amptbill, — Biddenham.

Obs: Barb. Grouse. S. Sylvaticus.

Our specimens are 6 inches high, leaves alternate, points of the cup purple. Outer row of florets a diluted purple.

Colt's-foot. TUSSILAGO. Gen. Pl. 1289.

Receptacle naked. Cup-scales equal, long as the center, somewhat membranaceous.

Feather simple.

594. Common Colt's-foot. — T. Farfara.

Stem tiled, bearing one flower, leaves rather heart-shaped, angular, finely toothed. —

Curtis. II. 60. Sowerby. 429.

Clay soil, March, P. Common.

595. Butter Burr. — T. Petasites.

Panicle egg-shaped, female florets few, naked. — Curtis. II. 59. Sowerby. 431.

Banks of Mill-streams, April, P. Common.

Groundsell. SENEPIO. Gen. Pl. 1290.

Receptacle naked. Feather simple. Cup cylindrical, with a smaller cup at the base.

Scales as it were dead at the point.

Common



## Superfluous Polygamy. Polyg. Super.

596. *Common Groundsell.* — *S. vulgaris.*

— Flowers without rays, leaves winged and wavy, embracing the stem, flowers scattered.

Curtis. I. 61. *Sowerby.* 747.

Gardens, Fields, May, A. Common.

597. *Bushy Groundsell.* — *S. sylvaticus.*

Blossoms in the ray bent back, leaves winged, finely toothed, stem branching to a flat topped spike, upright. — Johnson's Gerard.

278. 2. *Sowerby.* 740.

Heaths, June, A. Common.

598. *Hoary Groundsell.* — *S. crucæfolius.*

Blossoms radiate, leaves winged, toothed, somewhat hairy, stem upright. — Curtis.

— V. 64. *Sowerby.* 574.

Hedges, August, P. Common.

599. *Common Ragwort.* — *S. Jacobæa.*

Blossoms radiate, leaves winged, lyre-shaped, segments subdivided, stem upright. — Martyn.

85. excellent. *Sowerby.* 1130 —

Barren Spots, July, P. Common.

600. *Water Ragwort.* — *S. aquaticus.*

Blossoms radiate, leaves toothed, root leaves ovate, stem leaves winged, terminal segment the largest. — Flora Danica. 784.

*Sowerby.* 1131.

Wet



Superfluous Polygamy. Polyg. Super.

Wet Meadows, July, P. Common.

*Golden-rod.* SOLIDAGO. Gen. Pl. 1292.

Receptacle naked. Feather simple. Blossoms of the ray about 5. Scales of the cup tiled, closed.

601. *Common Golden-rod.* — *S. Virgaurea.*

Stem somewhat zigzag, bunches paniced, upright, crowded. — Sowerby. 301. excellent.

Woods, Heaths, August, P. Rare.

*Aspley, — Birchmore, — Potton Wood.*

Found by J. PARKER, M. D.

*Obs:*

*Stem 2 feet or more in height, leaves slightly notched, elliptical, turned back, flowers of the whole ray 6 to 9.*

*Elecampane.* INULA. Gen. Pl. 1295.

Receptacle naked. Feather simple. Anthers ending at the base in 2 bristles.

602. *Common Elecampane.* — *I. Helenium.*

Leaves embracing the stem, ovate, wrinkled, cottony underneath, cup-scales ovate. — Woodville. 108. *Sowerby 1546.*

Pastures, July, P. Rare.

*Ravensden, — Stevington.*

*Middle*

*decipiens.*



## Superfluous Polygamy. Polyg. Super.

603. *Middle Fleabane.* — I. dysenterica.

Leaves embracing the stem, heart-oblong, stem woolly, paniced, capsules bristle-shaped. — Curtis. III. 56. **Sowerby. 1115.**

Road-sides, August, P. Common.

604. *Least Fleabane.* — I. Pulicaria.

Leaves embracing the stem, stem prostrate, flowers almost globular with a very short ray. Curtis. III. 57.

Inundated Spots, August, A. Rare.

*Goldington, — Ravensden.*

*Obs :*

*Root descending obliquely. Flowers button-shaped, florets of the ray small and as if were abridged.*

*Daisy.* BELLIS. Gen. Pl. 1300.

Receptacle naked. Feather none. Cup hemispherical with equal scales. Seeds inversely ovate.

605. *Common Daisy.* — B. perennis.

Stalk naked. — Sowerby. 424. Curtis. I. 62.

Pastures, May, P. Common.

*Marigold.* CHRYSANTHEMUM. Gen. Pl. 1307.

Receptacle naked. Feather bordered. Cups hemispherical, tiled with marginal membranaceous scales.

*Ox-eye*



## Superfluous Polygamy. Polyg. Super.

606. *Ox-eye Daisy*. — *C. leucanthemum*.

Leaves embracing the stem, oblong, serrated above, toothed below. — Curtis. V. 62.  
Martyn. 109. **Sowerby. 601.**

Pastures, July, P. Common.

607. *Chamomile Ox-eye*. — *C. inodorum*.

Leaves winged in many divisions, stem branched, spreading. — Flora Danica. 696. **Sowerby. 676.**  
Cornfields and Rubbish, July, A. Common.

608. *Corn Marigold*. — *C. segetum*.

Leaves embracing the stem, jagged above, tooth-serrated below. — Curtis. VI. 60.  
Martyn. 110. **Sowerby. 540.**

Cornfields, June, A. Common.

*Feverfew*. MATRICARIA. Gen. Pl. 1308.

Receptacle naked. Feather none. Cup hemispherical, tiled. Marginal scales rather pointed, solid.

609. *Common Feverfew*. — *M. parthenium*.

Leaves compound, flat, leaflets ovate, jagged, fruitstalks branched. — Woodville. 249.

Road-sides, June, P. Common.

610. *Corn Feverfew*. — *M. Chamomilla*.

B b

Receptacles



Superfluous Polygamy. Polyg. Super.

Receptacles conical, rays expanding, cup-scales even at the edge. — Curtis. V. 63. Martyn. 74.

Cornfields, June, A. Common.

*Chamomile.* ANTHEMIS. Gen. Pl. 1312.

Receptacle chaffy. Feather none. Cup hemispherical, nearly equal. Florets of the ray more than five.

611. *Fetid Chamomile.* — A. Cotula.

Receptacles conical, chaff bristle-shaped, seeds without a border. — Curtis. V. 61.

Cornfields, May, A. Common.

612. *Corn Chamomile.* — A. arvensis.

Receptacles conical, chaff bristle-shaped, seeds crowned with a border. — Petiver.

XIX. 8. *Sowerby.* 602.

Cornfields, July, A. Rare.

*Oakley West Field.*

*Obs :*

*Chaff broader than in the foregoing species.*

*Milfoil.* ACHILLEA. Gen. Pl. 1313.

Receptacle chaffy. Feather none. Cup ovate, tiled. Florets of the ray about four.

613. *Common Milfoil.* — A. Millefolium.

Leaves



## Superfluous Polygamy. Polyg. Super.

Leaves doubly winged, naked, segments strap-shaped, toothed, stem leaves furrowed upwards. — Curtis. VI. 61. Woodville. 64. Martyn. 123. excellent. *Sowerby*. 758.  
Pastures, July, P. Common.

## 614. Sneezewort. — A. Ptarmica.

Leaves spear-shaped, pointed, finely serrated. — Curtis. V. 60. *Sowerby*. 757.  
Banks of Rivers, July, P. Common.

## Frustraneous Polygamy. Polyg. Frustra.

*The hermaphrodite florets of the center are furnished with a stigma, and so bear seed: but the florets, which form the circumference, have no stigma and are unable to bear seed.*

## Centaury. CENTAUREA. Gen. Pl. 1331.

Receptacle bristly. Feather simple. Blossoms of the ray funnel-shaped, longer and irregular.

## 615. Blue Bottle. — C. Cyanus.

Cups serrated, leaves strap-shaped, very entire, lower ones toothed — Curtis. VI. 62. *Sowerby*. 277.

Cornfields, July, A. Common.

## 616. Least Knapweed. — C. nigra.



Frustraneous Polygamy. Polyg. Frustra.

Cups fringed, with a small ovate scale at the end : fringes hair-like, upright, leaves lyre-shaped, angular, flowers without rays. - Sowerby. 278. Martyn. 130.

Pastures, July, P. Common.

617. Great Knapweed. — C. Scabiosa.

Cups fringed, leaves winged, wings spear-shaped. — Sowerby. 56.

Cornfields, July, P. Common.

618. Star Thistle. — C. Calcitrapa.

Cups almost doubly thorned, sitting, leaves winged, strap-shaped, toothed, stem hairy. - Sowerby. 125. excellent.

Road-sides, July, A. Rare.

Biddenham, — Eaton-Socon.

\* \* \* \*

Necessary Polygamy. Polyg. Necess.

The hermaphrodite florets, from some defect in the stigmas, are unable to produce seeds, but the female florets in the ray perfect their seeds.

Cal's-foot. FILAGO. Gen. Pl. 1345.

Receptacle naked. Feather none. Cup tiled : female florets placed between the scales of the cup.

Common

Necessary Polygamy. Polyg. Necess.

619. Common Cal's-foot. — F. germanica.

Marshes, fens, &c. raised, from the bottom of the fens, &c. Sowerby 278.

Marshes, fens, &c. raised, from the bottom of the fens, &c. Sowerby 278.

Road-sides, July, A. Common.

620. Mountain Cal's-foot. — F. montana.

Scrubby hills, &c. raised, from the bottom of the fens, &c. Sowerby 278.

Marshes, fens, &c. raised, from the bottom of the fens, &c. Sowerby 278.

Pastures, July, A. Rare.

Marshes, fens, &c. raised, from the bottom of the fens, &c. Sowerby 278.

Marshes, fens, &c. raised, from the bottom of the fens, &c. Sowerby 278.

Marshes, fens, &c. raised, from the bottom of the fens, &c. Sowerby 278.

Marshes, fens, &c. raised, from the bottom of the fens, &c. Sowerby 278.

621. Heavy Cal's-foot. — F. montana.

Marshes, fens, &c. raised, from the bottom of the fens, &c. Sowerby 278.

Marshes, fens, &c. raised, from the bottom of the fens, &c. Sowerby 278.

Marshes, fens, &c. raised, from the bottom of the fens, &c. Sowerby 278.

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Marshes, fens, &c. raised, from the bottom of the fens, &c. Sowerby 278.



I House. I. Male. Monoec. Monand.

Wet Ditches, June, A. Common.

646. *Brittle Stone-wort*. — *C. tomentosa*.

Prickles on the stem ovate. — Johnson's Gerard. 1115.

Ditches, Bogs, June, A. Rare.

Clapham Springs, — *Stevington Bogs*.

Obs:

Plant more compact in it's habit than the former, when living, flesh-colored; dead, ashy white.

I House. II Males. Monoec. Diand.

*Duckweed*. LEMNA. Gen. Pl. 1400.

Male. — Cup of 1 leaf. Blossom none.

Female. — Cup of 1 leaf. Blossom none.

Style 1. Capsule 1 cell.

647. *Ivy-leaved Duckweed*. — *L. trisulca*.

Leaves on leafstalks, spear-shaped. Sowerby. 926.

Ditches, August, A. Common.

648. *Least Duckweed*. — *L. minor*.

Leaves sitting, flattish on both sides, root single. — Ray's Synopsis. IV. 1. Sowerby 1095.

Ditches, June, A. Common.

Obs:

The single root and flat leaves at once demonstrate this species.

Hunched

I House. II Males. Monoec. Diand.

646. one of Dr. Smith's desiderata.

647\* *Chara hispida* —

Bedford River

Sep. 10. 1890.

I House. III Males. Monoec. Triand.

*Red Water*. *Typha*. Gen. Pl. 1401.

Male. — Ovary cylindrical. Cup indistinctly 3-lobed. Blossom none.

Female. — Ovary cylindrical, below the male flowers. Cup with 3 lobes like wood. Blossom none. Seed sitting on a stalk like down.

649. *Broad-leaved Red Water*. — *T. latifolia*.

Leaves somewhat sword-shaped, with the female spikes close together. — Curtis. III. 61. Sowerby. 1095.

Stagnant Water, 1890. P. Common.

650. *Small Red Water*. — *T. angustifolia*.

Leaves

10. Line n.d.d.

London, City of London



I House. II Males. Monoec. Diand.

649. *Hunched Duckweed.* — *L. gibba.*

Leaves sitting, hemispherical underneath,  
roots single.

Ditches, July, P. Rare.

*Goldington.*

650. *Great Duckweed.* — *L. polyrrhiza.*

Leaves sitting, roots crowded. — Ray's Sy-  
nopsis. IV. 2.

*Obs:*

*Leaves red underneath.*

I House. III Males. Monoec. Triand.

*Reed Mace.* Typha. Gen. Pl. 1401.

Male. — Catkin cylindrical. Cup indistinct-  
ly 3-leaved. Blossom none.

Female. — Catkin cylindrical, below the male  
flowers. Cup with a hair-like wool.  
Blossom none. Seed 1, sitting on a hair-  
like down.

651. *Broad-leaved Reed Mace.* — *T. latifolia.*

Leaves somewhat sword-shaped, male and  
female spikes close together. — Curtis. III.

61. *Sowerby. 1455.*

Stagnant Water, June, P. Common.

652. *Small Reed Mace.* — *T. angustifolia.*

Leaves

10<sup>th</sup> Line add

watery Pits. P. June. Rare

Ford-End



I House. III Males. Monoec. Triand.

Leaves half-cylindrical, male and female  
spikes distinct from each other. — Curtis  
III. 62. *Sowerby. 1456.*

Pools, July, P. Rare.

*Knotting-Green.*

*Bur-reed.* SPARGANIUM. Gen. Pl. 1402.

Male. — Catkin nearly round. Cup of 3  
leaves. Blossom none.

Female. — Catkin nearly round. Cup of 3  
leaves. Blossom none. Stigma divided.  
Fruit juiceless, with 1 seed.

653. *Branched Bur-reed.* — *S. erectum.*

*Sowerby. 744.* Leaves upright, 3-square. — Curtis. V. 68.  
Wet Ditches, July, P. Common.

654. *Simple Bur-reed.* — *S. simplex.*

Leaves 3-square at the base, the sides flat,  
*Sowerby. 745.* fruitstalks simple. — Curtis. V. 67.  
Ditches, July, P. Rare.

*Elstow.*

*Obs :*

*Upper flowers sitting, lower ones on fruitstalks.*

*Sedge.* CAREX. Gen. Pl. 1407.

Male. — Catkin tiled. Cup of 1 leaf. Blossom none.

Female. —



I House. III Males. Monoec. Triand.

Female. — Catkin tiled. Cup of 1 leaf.  
Blossom none. Nectary inflated, with  
3 teeth. Stigmas three. Seeds 3-square,  
beneath the nectary.

655. *Small Sedge*. — *C. dioica*.

Spike simple, male and female catkins on  
distinct plants. — Flora Danica. 369. *Sowerby*. 543.

Turfy Bogs, June, P. Rare.

*Amptbill.*

656. *Naked Sedge*. — *C. leporina*.

Spike compound, spikelets ovate, sitting, ap-  
proaching, alternate, naked, composed of  
barren and fertile flowers. — *Sowerby*. 306. *C. ovalis* —  
Bogs, June, P. Rare.

*Potton Marshes.*

657. *Great Sedge*. — *C. vulpina*.

Spike more than doubly compound, less com-  
pact in the lower part, spikelets ovate,  
clustered, composed of fertile and barren  
flowers, the barren flowers above. — *Sower-*  
*by*. 307.

Wet Places, June, P. Common.

*Obs:*

*Spikelets (when ripe) brown and permanent.*

658. *Spiked Sedge*. — *C. spicata*. *Sowerby*. 1097—

D d

Spikelets

\* 657. *C. stricta*.  
*Sowerby*. 914.

*Bromham* —



I House. III Males. Monoec. Triand.

Spikelets nearly round, containing both fertile and barren florets, contiguous; capsules ovate, pointed.

Ditch Banks, June, P. Common.

Obs:

Very like the preceding, but smaller.

659. *Soft Sedge*. — *C. disticha*.

Spike compound, nearly 2-rowed, spikelets egg-shaped, somewhat tiled, with barren and fertile flowers; floral leaves longer than the spikelets, straw 3-square. — (Hudson.)

Leers. XIV. 2.

Ditches and Bogs, May, P. Rare.

Eversholt.

660. *Prickly Sedge*. — *C. muricata*. **SD. dent.**

Spikelets nearly ovate, sitting, remote, both fertile and barren, capsules pointed, diverging, thorny. — Leers. XIV. 8. Flora Danica. 284. **Sowerby. 006.**

Marshes, June, P. Common.

661. *Loose Sedge*. — *C. distans*.

Spikes very remote, nearly sitting, floral leaf sheathing, capsules angular, sharp-pointed.

Ditches, June, P. Rare.

Stevington.

Remote

\*

662. *Loose Sedge*. — *C. distans*.  
Spikes small, nearly sitting, remote, both fertile and barren, floral leaves as long as the spikelets. — Leers. XIV. 8. Flora Danica. 284. **Sowerby. 006.**  
663. *Loose Sedge*. — *C. distans*.  
Spikes small, nearly sitting, remote, both fertile and barren, floral leaves as long as the spikelets. — Leers. XIV. 8. Flora Danica. 284. **Sowerby. 006.**  
664. *Loose Sedge*. — *C. distans*.  
Spikes small, nearly sitting, remote, both fertile and barren, floral leaves as long as the spikelets. — Leers. XIV. 8. Flora Danica. 284. **Sowerby. 006.**  
665. *Loose Sedge*. — *C. distans*.  
Spikes small, nearly sitting, remote, both fertile and barren, floral leaves as long as the spikelets. — Leers. XIV. 8. Flora Danica. 284. **Sowerby. 006.**  
666. *Loose Sedge*. — *C. distans*.  
Spikes small, nearly sitting, remote, both fertile and barren, floral leaves as long as the spikelets. — Leers. XIV. 8. Flora Danica. 284. **Sowerby. 006.**  
667. *Loose Sedge*. — *C. distans*.  
Spikes small, nearly sitting, remote, both fertile and barren, floral leaves as long as the spikelets. — Leers. XIV. 8. Flora Danica. 284. **Sowerby. 006.**  
668. *Loose Sedge*. — *C. distans*.  
Spikes small, nearly sitting, remote, both fertile and barren, floral leaves as long as the spikelets. — Leers. XIV. 8. Flora Danica. 284. **Sowerby. 006.**  
669. *Loose Sedge*. — *C. distans*.  
Spikes small, nearly sitting, remote, both fertile and barren, floral leaves as long as the spikelets. — Leers. XIV. 8. Flora Danica. 284. **Sowerby. 006.**  
670. *Loose Sedge*. — *C. distans*.  
Spikes small, nearly sitting, remote, both fertile and barren, floral leaves as long as the spikelets. — Leers. XIV. 8. Flora Danica. 284. **Sowerby. 006.**



I House. III Males. Monoec. Triand.

662. *Remote Sedge*. — *C. remota*.

Spikes ovate, nearly sitting, remote, both fertile and barren, floral leaves as long as the straw. — Leers. XVI. Flora Danica. 307.

Ditch Banks, June, P. Common. **Sowerby 832.**

663. *Turfy Sedge*. — *C. caespitosa*.

Spikes upright, cylindrical, three, nearly sitting, barren one terminating, straw 3-square. — Curtis. IV. 62.

Meadows, May, P. Common.

664. *Flea Sedge*. — *C. pulicaris*.

Spike simple, with fertile and barren flowers, male flowers on the upper part, capsules diverging, bent back. — Leers. XIV. 1. Flora Danica. 166. **Sowerby 1051.**

Meadows, Bogs, June, P. Rare.

*Eversholt.*

665. *Grey Sedge*. — *C. divulsa*.

Spikelets roundish, barren and fertile, lower ones distant, capsules pointed, upright.

**Sowerby 629.**  
Woods — Bogs, May, P. Rare.

*Clapham*, — *Everton*, — *Potton*. *Putnoe Wood*.

666. *Panicled Sedge*. — *C. paniculata*. **S.D.** 1851.

Spikes barren and fertile, bunch compound. — Leers. XIV. 4. **Sowerby 1064.**

D d 2

Moors,



I House. III Males. Monoec. Triand.

Moors, June, P. Common.

667. *Mountain Sedge*. — C. montana. **S.D.**

Fertile spikes sitting, mostly single, egg-shaped, near to the barren spike, straw naked, capsules downy. — Leers. XVI. 6.

Mountainous Meadows, June, P. Rare.

*Clapham-Park Pastures.*

668. *Yellow Sedge*. — C. flava.

Spikes crowded, nearly sitting, roundish, male spike strap-shaped, capsules pointed, bowed back. — Leers. XV. 6. *Flora Danica*. 371. **Sowerby**. 4294.

Bogs, June, P. Rare.

*Amptbill, — Stevington.*

669. *Pill-bearing Sedge*. — C. pilulifera. **S.D.**

Spikes terminal, crowded, roundish, male spike oblong. — *Flora Danica*. 444.

Bogs, June, P. Rare.

*Eversholt.*

Found by the Rev. J. HEMSTED.

670. *Pale Sedge*. — C. pallescens.

Spikes hanging down, male upright, females ovate, tiled, capsules crowded, blunt. — Leers. XV. 4.

Woods,

\* 669 *Carex extensa*  
*Flora Brit.*  
*Amptbill-bogs. 1005.*



I House. III Males. Monoec. Triand.

Woods, June, P. Rare.

*Putnoe Wood.* 1001.

671. *Early Sedge.* — *C. præcox.*

Spikes upright, nearly sitting, contiguous,  
male spike oblong, larger, capsules downy. —

Flora Danica. 403. *Sowerby*. 1099.

Heaths, Meadows, April, P. Common.

672. *Pink Sedge.* — *C. panicea.*

Spikes on fruitstalks, upright, remote, female  
spikes strap-shaped, capsules swollen, blun-

tish. — Leers. XV. 5. *Sowerby* - 1505 -

Wet Meadows, June, P. Common.

673. *Wood Sedge.* — *C. sylvatica.*

Spikes on fruitstalks, hanging down, male  
spike upright, females thread-shaped, loose,

shorter than the fruitstalk, capsules ovate,  
awned, forked. — Leers. XV. 2. *Sowerby*. 995.

Woods, June, P. Common.

674. *Slender-eared Sedge.* — *C. strigosa.*

Spikes on fruitstalks, pendant, the barren one  
upright, fertile ones thread-shaped, loose,

capsules roundish, taper pointed. *Sowerby*. 994.

Woods, Hedges, May, P. Rare.

*Putnoe Wood.* — *Renbold.*

*Pendulous*



I House. III Males. Monoec. Triand.

675. *Pendulous Sedge*. — C. pendula. **SD.** *sent*

Spikes nearly sitting, drooping, male spike upright, females cylindrical, very long, capsules roundish, pointed. — Curtis. III. 63.

Woods, June, P. Common.

676. *Bank Sedge*. — C. riparia.

Male spikes many, 3-square, blackish, pointed, scales awn-pointed, capsules somewhat swollen, with 2 horns. — Curtis. IV. 60.

Sowerby. 579. Ditches, April, P. Common.

677. *Sharp Sedge*. — C. acuta.

Male spikes many, blunt, scales rather blunt, stem with sharp angles. — Curtis. IV. 61.

Wet Places, April, P. Common.

678. *Heath Sedge*. — C. recurva. **SD.** *sent*

Spikes crowded, on fruitstalks, cylindrical, somewhat pendant, the barren one terminal, capsules tiled, bluntish. **Sowerby. 1506.**

Pastures, May, P. Common.

679. *Beaked Sedge*. — C. rostrata. **SD.**

Male spikes numerous, females mostly on fruitstalks, capsules swollen, round, pointed, straddling. — Leers. XVI. 2. **Sowerby. 700.**

Moors, June, P. Rare. **Campullacea.**

*Amptbill, — Pottón.*

Hairy



I House. III Males. Monoec. Triand.

680. *Hairy Sedge*. — *C. hirta*.

Spikes remote, males numerous, females mostly on fruitstalks, upright, capsules hairy. — Leers. XVI. 3. *Sowerby 685*.

Meadows, June, P. Common.

Obs :

*Sheaths of the leaves hairy.*

I House. IV Males. Monoec. Tetrand.

*Birch*. BETULA. Gen. Pl. 1419.

Male. — Cup of 1 leaf, 3 segments, 3 flowers. Blossom 4 segments.

Female. — Cup of 1 leaf, mostly 3 segments and 3 flowers. Seeds with a winged membrane on each side.

681. *Common Birch*. — *B. alba*.

Leaves ovate, pointed, serrated. — Blackwell.

240.

Woods in a sandy Soil, April, T. Common.

682. *Alder-tree*. — *B. Alnus*.

Fruitstalks branched. — Johnson's Gerard. 1477. 1. *Sowerby 1508* -

Moist Places, March, T Rare.

*Fenlake.*

*Nettle.*



I House. IV Males. Monoec. Tetrand.

*Nettle.* URTICA. Gen. Pl. 1422.

Male. — Cup of 4 leaves. Blossom none.  
Honey-cup central, in the shape of a  
drinking glass.

Female. — Cup of 2 valves. Blossom none.  
Seed 1, shining.

683. *Small Stinging Nettle.* — *U. urens.*

Leaves opposite, oval. — Curtis. VI. 70.

Dunghills, July, A. Common.

684. *Great Stinging Nettle.* — *U. dioica.*

Leaves opposite, heart-shaped, bunches in  
pairs. — Curtis. VI. 69.

Road-sides, July, P. Common.

I House. Many Males. Monoec. Polyand.

*Milfoil.* MYRIOPHYLLUM. Gen. Pl. 1440.

Male. — Cup of 4 leaves. Petals 4, falling  
off.

Female. — Cup of 4 leaves. Petals 4, fal-  
ling off. Style none. Seeds 4, naked.

685. *Spiked Milfoil.* — *M. spicatum.*

Flowers in spikes, spikes naked, interrupted,  
terminal. — Sowerby. 83. excellent.

Slow Streams, July, P. Rare.

*Ford-End,—Castle Mills.*

*Whorled*



I House. Many Males. Monoec. Polyand.

686. *Whorled Milfoil.* — *M. verticillatum.*

Flowers in whorls, in the bosoms of the leaves. — Sowerby. 218. excellent.

Ditches, July, P. Common.

*Arrow-head.* SAGITTARIA. Gen. Pl. 1441.

Male. — Cup of 3 leaves. Blossom of 3 petals.

Female. — Cup of 3 leaves. Blossom of 5 petals. Seeds many, naked.

687. *Common Arrow-head.* — *S. sagittifolia.*

Leaves pointed, arrow-shaped. — Sowerby. 84.

Rivers, July, P. Common.

*Burnet.* POTERIUM. Gen. Pl. 1445.

Male. — Cup of 4 leaves. Blossom of 4 segments.

Female. — Cup of 4 leaves. Blossom of 4 segments. Berry formed of the hardened tube of the blossom.

688. *Common Burnet.* — *P. Sanguisorba.*

Without thorns, stems somewhat angular. —

Curtis. II. 64. Martyn. 69. Sowerby. 860.

Hilly Pastures, June, P. Common.



I House. Many Males. Monoec. Polyand.

Oak. QUERCUS. Gen. Pl. 1447.

Male. — Cup of 5 segments. Blossom none.

Female. — Cup of 1 leaf, very entire, rough.

Blossom none. Seed 1, ovate.

689. Common Oak, or Britain's Glory. — Q. Robur.

Leaves falling off, oblong, broadest towards the end, waves rather sharp, angles blunt. —

Blackwell. 487. Sowerby. 1342.

Woods, April, T. Common.

690. Long-stalked Oak. — Q. pedunculata. SD.

Acorns on long fruitstalks. — Martyn. 10. excellent.

Woods, May, T. Rare.

Clapham Park Wood.

Beech. FAGUS. Gen. Pl. 1448.

Male. — Cup 5 segments, bell-shaped.

Blossom none.

Female. — Cup with 4 teeth. Blossom none. Capsule now, what was the cup before, 4-valved, 2-seeded.

691. Common Beech. — F. sylvatica.

Leaves ovate, indistinctly serrated. — Johnson's Gerard. 1444.

Woods, April, T. Common.

Common

Horn Beam. Carpinus.

Male. Blossom none. Cup 1 leaf: a fringed scale. Stamens 18 to 20.

Female. Gerns 2 with 2 styles on each, nut eggshaped.

\* 691. Common Hornbeam Tree. C. Betulus.

Scales of the cones flat.

Woods & Hedges T. May. Rare.

Oakley. Hawnes. Chicksands.



I House. Many Males. Monoec. Polyand.

692. *Common Chestnut.* — *F. Castanea.*

Leaves spear-shaped, serrated, with tapering points, naked underneath.—Blackwell. 330. *Sowerby. 886.*

Woods, May, T. Rare.

*Silsoe.*

*Hazel.* *CORYLUS.* Gen. Pl. 1450.

Male. — Cup of 1 leaf, 3 segments like a scale, 1-flowered. Blossom none.

Female. — Cup of 2 leaves, torn. Blossom none. Styles 2. Nut ovate.

693. *Hazel-nut.* — *C. avellana.*

Leafscales ovate, blunt. — Blackwell. 293. *Sowerby. 723.*

Woods, Hedges, March, S. Common.

## C L A S S. XXII.

Character of the XXIIId. Class.

*Male and female organs on separate plants.*

II Houses. II Males. Dioec. Diand.

*Willow.* *SALIX.* Gen. Pl. 1493.

Male. — Catkin with scales. Blossom none.

A honey-cup gland at the base.

Female. — Catkin with scales. Blossom none. Capsule 1-celled, 2-valved. Seeds downy.

E c 2

*Three-leaved*



II Houses. II Males. Dioec. Diand.

694. *Three-threaded Willow*. — *S. triandra*.

Leaves serrated, smooth, flowers with three males. — Curtis. VI. 72. **Sowerby 1435.**

above Bedford.

1799

Thurleigh, — Fenlake.

695. *Crack Willow*. — *S. fragilis*.

Leaves serrated, smooth, ovate-spear-shaped. leafstalks with glandular teeth. — Woodville. 198.

Banks and Hedges, April, S. Common.

696. *One-threaded Willow*. — *S. monandra*.

Sowerby. 1343. Leaves serrated, smooth, strap-spear-shaped, upper ones oblique. — Curtis. VI. 71.

Osier holts. Banks and Hedges, May, S. Rare.

above Bedford — Thurleigh.

1799. 697. *Eared Willow*. — *S. aurita*.

Leaves very entire, woolly on both sides, somewhat ovate, with appendages. — Hoff-

Sowerby. 1487. man. His. Salic. IV. 1. 2.

Woods and Hedges, April, S. Rare.

Warden.

698. *Common Sallow*. — *S. caprea*.

Sowerby. 1488. Leaves ovate, wrinkled, woolly underneath, waved, with little teeth towards the end. —

Hoffman. His. Salic. III. 1. 2.

Hedges, April, S. Common.

Osier

694. Obs.

The central thread in the flower is the longest —

Obs. 696.

Catkin at first purplish red, growing yellower as it expands.

\*. Pointed Sallow. *S. acuminata*.

Leaves ovate-oblong, woolly underneath, upper ones entire, those below crenated.

Sowerby 1434.

Hoffman.

Hoffman His. Salic. VI. 1. 2. &

XXII. f. 2.

Hedges, Woods S. April. Rare.

Clapham Woods.



\*699. Wood Sallow - *S. caprea*.  
Leaves ovate, wrinkled, woolly beneath,  
waved, denticulated above.

Hoffman His. Salic. III. 1. 2.  
Woods S. April - Rare.

Clapham & Clapham Park Woods.

<sup>almond-leaved</sup>  
\*699 Peach-leaved Willow. *S. amygdalina*.

Leaves serrated, smooth, spear-shaped  
on leafstalks, leafscapes shaped like a  
blunt square.

Osier holtz & hedges. I. April. Rare.  
Bromham Lane

II Houses. II Mates. Dioec. Diand.

699. Osier Willow. — *S. viminalis*.

Leaves for the most part entire, spear-shaped,  
very long, sharp; silky underneath, branch-  
es rod-like.—Hoffman, His. Salic. II. 1. 2.

Osier-holts, April, S. Common.

700. Common Willow. — *S. alba*.

Leaves spear-shaped, pointed, downy on both  
sides, lower serratures glandular. — Hoff-  
man, His. Salic. VII. 1.

Banks of Rivers, May, T. Common.

701. Creeping Willow. — *S. repens*.

Leaves very entire, spear-shaped, naked on  
both sides, stem creeping. — Sowerby. 183.  
excellent.

Bogs, June, S. Rare.

Ampthill.

Obs:

Root woody, creeping. Stems little-branched, somewhat up-  
right, leaves white underneath. Style ovate, blunt at the end,  
simple. Stigma divided into 4, yellowish.

Mistletoe. VISCUM. Gen. Pl. 1504.

Male. — Cup of 4 segments. Blossom none.  
Threads none. Anthers growing to the  
cup.

Female. — Cup of 4 leaves, superior. Style  
none. Blossom none. Berry 4 seeds.  
Seeds heart-shaped.

Common



II Houses. II Males. Dioec. Diand.

702. *Common Mistletoe*. — *V. album*.

Leaves heart-shaped, blunt, stem forked,  
spikes from the bosoms of the leaves. —

Woodville. 270. excellent. **Sowerby. 1470**

Parasitical on Trees, May, S. Common.

II Houses. V Males. Dioec. Pentand.

*Hop*. *HUMULUS*. Gen. Pl. 1523.

Male. — Cup of 5 leaves. Blossom none.

Female. — Cup of 5 leaves, expanding ob-  
liquely, entire. Blossom none. Seed 1,  
within a leafy cup.

703. *Common Hop*. — *H. Lupulus*.

Sowerby. 427.

Hedges, June, P. Common.

II Houses. VI Males. Dioec. Hexand.

*Ladies' Seal*. *TAMUS*. Gen. Pl. 1527.

Male. — Cup of 6 segments. Blossom none.

Female. — Cup of 6 segments. Blossom  
none. Style 3-cleft. Berry 3-celled, in-  
ferior. Seeds 2.

704. *Black Briony*. — *T. communis*.

Leaves heart-shaped, entire. — Sowerby. 91.

Hedges, June, P. Common.

*Poplar*.



## II Houses. VIII. Males. Dioec. Octand.

*Poplar.* POPULUS. Gen. Pl. 1531.

Male. — Cup of the catkin a torn scale.  
Blossom top-shaped, oblique, entire.

Female. — Cup of the catkin and blossom  
as in the male. Stigma 4-cleft. Cap-  
sule 2-celled. Seeds many, downy.

705. *White Poplar.* — *P. alba.*

Leaves nearly round, tooth-angular, woolly  
underneath. — Johnson's Gerard. 1486. 1. *Sowerby. 1610.*

Hedges, March, T. Rare.

*Fenlake, — Stevington.*

706. *Aspen Tree.* — *P. tremula.*

Leaves nearly round, tooth-angular, smooth  
on both sides. — Johnson's Gerard. 1487. 3.

Woods, March, T. Common.

707. *Black Poplar.* — *P. nigra.*

Leaves trowel-shaped, pointed, serrated. —  
Blackwell. 248. 1.

Woods, Hedges, March, T. Rare.

*Sheerbatch.*

## II Houses. IX Males. Dioec. Enneand.

*Mercury.* MERCURIALIS. Gen. Pl. 1534.

Male. — Cup of 3 segments. Blossoms  
none. Anthers round, double.

Female. — Cup of 3 segments. Blossom  
none. Capsule 1 berry, 2 cells.

*Dog's*



II Houses. IX Males. Dioec. Enneand.

708. *Dog's Mercury*. — *M. perennis*.

Stem very simple, leaves rough. — Curtis.

II. 65.

Woods, Hedges, April, P. Common.

*Frog-bit*. HYDROCHARIS. Gen. Pl. 1535.

Male. — Sheath of 2 leaves. Cup of 3 segments. Blossom 3 petals. Threads, 3 innermost bearing styles.

Female. — Cup of 3 segments. Blossom 3 petals. Capsule 6 cells, many seeds, inferior.

709. *Common Frog-bit*. — *H. Morsus Ranæ*.

Curtis. III. 64. **Sowerby. 808.**

*Ditches near Biggleswade, on the way to Northill.*  
Slow Streams, July, P. Rare.

— *Castle Mills, — Fentlake.*

II Houses. Anthers united. Dioec. Syngen.

*Bryony*. BRYONIA. Gen. Pl. 1480.

Male. — Cup of 5 teeth. Blossom with 5 divisions. Threads 3. Anthers 5.

Female. — Cup of 5 teeth. Blossom with 5 divisions. Style with 3 segments. Berry roundish, with many seeds.

White

*Knee Holly*. *Ruscus*. Gen. Pl.

Male. — Cup of 6 leaves. Blossom none.  
Nectary central, ovate, <sup>open</sup> perforated at the point. top.

Female. Cup, Blossom and Nectary as in the male.  
Style simple. Berry 3-celled. Seeds. 2.

\* 710. *Common Knee Holly*. *R. aculeatus*.  
Leaves bare, <sup>bearing the flowers surface.</sup> flowering on the upper side.  
~~naked~~ ~~detached~~ ~~to~~ ~~59~~. Woodville. 237.

Hedge Rows and Spinneys. S. February. Rare.

Oakley Baynes. Sowerby. 560.



II Houses. Anthers united. Dioec. Syngen.

710. *White Bryony*. — *B. dioica*.

Leaves hand-shaped, rough on both sides,  
with callous points; flowers, male and fe-  
male on separate plants. — Woodville. 189.  
Sowerby. 439.

Woods, Hedges, July, P. Common.

### C L A S S. XXIII.

Character of the XXIII<sup>d</sup>. Class.

*This Class consists of plants in which some of  
the flowers in the same species have both  
male and female; some only male, and others  
only female organs.*

Various dispositions. Polygamia.

I House. Polyg. Monoec.

*Soft Grass*. *Holcus*. Gen. Pl. 1565.

Hermaphrodite. — Cup a chaff, containing  
2 florets. Blossom an awned chaff.  
Seed 1.

Male. — Cup a chaff of 2 valves. Blossom  
none.

711. *Creeping Soft Grass*. — *H. mollis*.

Root creeping, joints woolly, awn lengthened  
out beyond the spikelet. — Curtis. V. 8.  
Martyn. 119. *Sowerby*. 1170.

F f

Woods,



I House. IV Males. Monoec. Tetrand.

*Nettle.* URTICA. Gen. Pl. 1422.

Male. — Cup of 4 leaves. Blossom none.  
Honey-cup central, in the shape of a  
drinking glass.

Female. — Cup of 2 valves. Blossom none.  
Seed 1, shining.

683. *Small Stinging Nettle.* — *U. urens.*

Leaves opposite, oval. — Curtis. VI. 70.

Dunghills, July, A. Common.

684. *Great Stinging Nettle.* — *U. dioica.*

Leaves opposite, heart-shaped, bunches in  
pairs. — Curtis. VI. 69.

Road-sides, July, P. Common.

I House. Many Males. Monoec. Polyand.

*Milfoil.* MYRIOPHYLLUM. Gen. Pl. 1440.

Male. — Cup of 4 leaves. Petals 4, falling  
off.

Female. — Cup of 4 leaves. Petals 4, fal-  
ling off. Style none. Seeds 4, naked.

685. *Spiked Milfoil.* — *M. spicatum.*

Flowers in spikes, spikes naked, interrupted,  
terminal. — Sowerby. 83. excellent.

Slow Streams, July, P. Rare.

*Ford-End,—Castle Mills.*

*Whorled*



I House. Many Males. Monoec. Polyand.

686. *Whorled Milfoil.* — *M. verticillatum.*

Flowers in whorls, in the bosoms of the leaves. — Sowerby. 218. excellent.

Ditches, July, P. Common.

*Arrow-head.* SAGITTARIA. Gen. Pl. 1441.

Male. — Cup of 3 leaves. Blossom of 3 petals.

Female. — Cup of 3 leaves. Blossom of 5 petals. Seeds many, naked.

687. *Common Arrow-head.* — *S. sagittifolia.*

Leaves pointed, arrow-shaped. — Sowerby. 84.

Rivers, July, P. Common.

*Burnet.* POTERIUM. Gen. Pl. 1445.

Male. — Cup of 4 leaves. Blossom of 4 segments.

Female. — Cup of 4 leaves. Blossom of 4 segments. Berry formed of the hardened tube of the blossom.

688. *Common Burnet.* — *P. Sanguisorba.*

Without thorns, stems somewhat angular. —

Curtis. II. 64. Martyn. 69. Sowerby. 860.

Hilly Pastures, June, P. Common.



I House. Many Males. Monoec. Polyand.

Oak. QUERCUS. Gen. Pl. 1447.

Male. — Cup of 5 segments. Blossom none.

Female. — Cup of 1 leaf, very entire, rough.

Blossom none. Seed 1, ovate.

689. Common Oak, or Britain's Glory. — Q. Robur.

Leaves falling off, oblong, broadest towards the end, waves rather sharp, angles blunt. —

Blackwell. 487. Sowerby. 1342.

Woods, April, T. Common.

690. Long-stalked Oak. — Q. pedunculata. SD.

Acorns on long fruitstalks. — Martyn. 10. excellent.

Woods, May, T. Rare.

Clapham Park Wood.

Beech. FAGUS. Gen. Pl. 1448.

Male. — Cup 5 segments, bell-shaped.

Blossom none.

Female. — Cup with 4 teeth. Blossom none. Capsule now, what was the cup before, 4-valved, 2-seeded.

691. Common Beech. — F. sylvatica.

Leaves ovate, indistinctly serrated. — Johnson's Gerard. 1444.

Woods, April, T. Common.

Common

Horn Beam. Carpinus.

Male. Blossom none. Cup 1 leaf: a fringed scale. Stamens 18 to 20.

Female. Gerns 2 with 2 styles on each, nut eggshaped.

\* 691. Common Hornbeam Tree. C. Betulus.

Scales of the cones flat.

Woods & Hedges T. May. Rare.

Oakley. Hawnes. Chicksands.



I House. Many Males. Monoec. Polyand.

692. *Common Chestnut.* — *F. Castanea.*

Leaves spear-shaped, serrated, with tapering points, naked underneath.—Blackwell. 330. *Sowerby. 886.*

Woods, May, T. Rare.

*Silsoe.*

*Hazel.* *CORYLUS.* Gen. Pl. 1450.

Male. — Cup of 1 leaf, 3 segments like a scale, 1-flowered. Blossom none.

Female. — Cup of 2 leaves, torn. Blossom none. Styles 2. Nut ovate.

693. *Hazel-nut.* — *C. avellana.*

Leafscales ovate, blunt. — Blackwell. 293. *Sowerby. 723.*

Woods, Hedges, March, S. Common.

## C L A S S. XXII.

Character of the XXIIId. Class.

*Male and female organs on separate plants.*

II Houses. II Males. Dioec. Diand.

*Willow.* *SALIX.* Gen. Pl. 1493.

Male. — Catkin with scales. Blossom none.

A honey-cup gland at the base.

Female. — Catkin with scales. Blossom none. Capsule 1-celled, 2-valved. Seeds downy.

E c 2

*Three-leaved*



II Houses. II Males. Dioec. Diand.

694. *Three-threaded Willow*. — *S. triandra*.

Leaves serrated, smooth, flowers with three males. — Curtis. VI. 72. **Sowerby 1435.**

above Bedford.

1799

Thurleigh, — Fenlake.

695. *Crack Willow*. — *S. fragilis*.

Leaves serrated, smooth, ovate-spear-shaped, leafstalks with glandular teeth. — Woodville. 198.

Banks and Hedges, April, S. Common.

696. *One-threaded Willow*. — *S. monandra*.

Sowerby. 1343. Leaves serrated, smooth, strap-spear-shaped, upper ones oblique. — Curtis. VI. 71.

Osier holts. Banks and Hedges, May, S. Rare.

above Bedford — Thurleigh.

1799. 697. *Eared Willow*. — *S. aurita*.

Leaves very entire, woolly on both sides, somewhat ovate, with appendages. — Hoff-

Sowerby. 1487. man. His. Salic. IV. 1. 2.

Woods and Hedges, April, S. Rare.

Warden.

698. *Common Sallow*. — *S. caprea*.

Sowerby. 1488. Leaves ovate, wrinkled, woolly underneath, waved, with little teeth towards the end. —

Hoffman. His. Salic. III. 1. 2.

Hedges, April, S. Common.

Osier

694. Obs.

The central thread in the flower is the longest —

Obs. 696.

Catkin at first purplish red, growing yellower as it expands.

\*. Pointed Sallow. *S. acuminata*.

Leaves ovate-oblong, woolly underneath, upper ones entire, those below crenated.

Sowerby 1434.

Hoffman.

Hoffman His. Salic. VI. 1. 2. &

XXII. f. 2.

Hedges, Woods S. April. Rare.

Clapham Woods.



\*699. Wood Sallow - *S. caprea*.  
Leaves ovate, wrinkled, woolly beneath,  
waved, denticulated above.

Hoffman His. Salic. III. 1. 2.  
Woods S. April - Rare.

Clapham & Clapham Park Woods.

almond-leaved  
\*699 Peach-leaved Willow. *S. amygdalina*.

Leaves serrated, smooth, spear-shaped  
on leafstalks, leafscapes shaped like a  
blunt square.

Osier holtz & hedges. I. April. Rare.  
Bromham Lane

II Houses. II Mates. Dioec. Diand.

699. Osier Willow. — *S. viminalis*.

Leaves for the most part entire, spear-shaped,  
very long, sharp; silky underneath, branches  
rod-like.—Hoffman, His. Salic. II. 1. 2.

Osier-holts, April, S. Common.

700. Common Willow. — *S. alba*.

Leaves spear-shaped, pointed, downy on both  
sides, lower serratures glandular. — Hoff-  
man, His. Salic. VII. 1.

Banks of Rivers, May, T. Common.

701. Creeping Willow. — *S. repens*.

Leaves very entire, spear-shaped, naked on  
both sides, stem creeping. — Sowerby. 183.  
excellent.

Bogs, June, S. Rare.

Ampthill.

Obs:

Root woody, creeping. Stems little-branched, somewhat up-  
right, leaves white underneath. Style ovate, blunt at the end,  
simple. Stigma divided into 4, yellowish.

Mistletoe. VISCUM. Gen. Pl. 1504.

Male. — Cup of 4 segments. Blossom none.  
Threads none. Anthers growing to the  
cup.

Female. — Cup of 4 leaves, superior. Style  
none. Blossom none. Berry 4 seeds.  
Seeds heart-shaped.

Common



II Houses. II Males. Dioec. Diand.

702. *Common Mistletoe*. — *V. album*.

Leaves heart-shaped, blunt, stem forked,  
spikes from the bosoms of the leaves. —

Woodville. 270. excellent. **Sowerby. 1470**

Parasitical on Trees, May, S. Common.

II Houses. V Males. Dioec. Pentand.

*Hop*. *HUMULUS*. Gen. Pl. 1523.

Male. — Cup of 5 leaves. Blossom none.

Female. — Cup of 5 leaves, expanding ob-  
liquely, entire. Blossom none. Seed 1,  
within a leafy cup.

703. *Common Hop*. — *H. Lupulus*.

Sowerby. 427.

Hedges, June, P. Common.

II Houses. VI Males. Dioec. Hexand.

*Ladies' Seal*. *TAMUS*. Gen. Pl. 1527.

Male. — Cup of 6 segments. Blossom none.

Female. — Cup of 6 segments. Blossom  
none. Style 3-cleft. Berry 3-celled, in-  
ferior. Seeds 2.

704. *Black Briony*. — *T. communis*.

Leaves heart-shaped, entire. — Sowerby. 91.

Hedges, June, P. Common.

*Poplar*.



## II Houses. VIII. Males. Dioec. Octand.

*Poplar.* POPULUS. Gen. Pl. 1531.

Male. — Cup of the catkin a torn scale.  
Blossom top-shaped, oblique, entire.

Female. — Cup of the catkin and blossom  
as in the male. Stigma 4-cleft. Cap-  
sule 2-celled. Seeds many, downy.

705. *White Poplar.* — *P. alba.*

Leaves nearly round, tooth-angular, woolly  
underneath. — Johnson's Gerard. 1486. 1. *Sowerby. 1610.*

Hedges, March, T. Rare.

*Fenlake, — Stevington.*

706. *Aspen Tree.* — *P. tremula.*

Leaves nearly round, tooth-angular, smooth  
on both sides. — Johnson's Gerard. 1487. 3.

Woods, March, T. Common.

707. *Black Poplar.* — *P. nigra.*

Leaves trowel-shaped, pointed, serrated. —  
Blackwell. 248. 1.

Woods, Hedges, March, T. Rare.

*Sheerbatch.*

## II Houses. IX Males. Dioec. Enneand.

*Mercury.* MERCURIALIS. Gen. Pl. 1534.

Male. — Cup of 3 segments. Blossoms  
none. Anthers round, double.

Female. — Cup of 3 segments. Blossom  
none. Capsule 1 berry, 2 cells.

*Dog's*



II Houses. IX Males. Dioec. Enneand.

708. *Dog's Mercury*. — *M. perennis*.

Stem very simple, leaves rough. — Curtis.

II. 65.

Woods, Hedges, April, P. Common.

*Frog-bit*. HYDROCHARIS. Gen. Pl. 1535.

Male. — Sheath of 2 leaves. Cup of 3 segments. Blossom 3 petals. Threads, 3 innermost bearing styles.

Female. — Cup of 3 segments. Blossom 3 petals. Capsule 6 cells, many seeds, inferior.

709. *Common Frog-bit*. — *H. Morsus Ranæ*.

Curtis. III. 64. **Sowerby. 808.**

*Ditches near Biggleswade, on the way to Northill.*  
Slow Streams, July, P. Rare.

— *Castle Mills, — Fentlake.*

II Houses. Anthers united. Dioec. Syngen.

*Bryony*. BRYONIA. Gen. Pl. 1480.

Male. — Cup of 5 teeth. Blossom with 5 divisions. Threads 3. Anthers 5.

Female. — Cup of 5 teeth. Blossom with 5 divisions. Style with 3 segments. Berry roundish, with many seeds.

White

*Knee Holly*. *Ruscus*. Gen. Pl.

Male. — Cup of 6 leaves. Blossom none.  
Nectary central, ovate, <sup>open</sup> perforated at the point. top.

Female. Cup, Blossom and Nectary as in the male.  
Style simple. Berry 3-celled. Seeds. 2.

\* 710. *Common Knee Holly*. *R. aculeatus*.  
Leaves ~~bare~~, <sup>bearing the flowers surface.</sup> ~~flowering~~ <sup>on the upper side.</sup>  
~~naked~~ ~~detached~~ ~~to~~ ~~59~~. Woodville. 237.

Hedge Rows and Spinneys. S. February. Rare.

Oakley Baynes. Sowerby. 560.



II Houses. Anthers united. Dioec. Syngen.

710. *White Bryony*. — *B. dioica*.

Leaves hand-shaped, rough on both sides,  
with callous points; flowers, male and fe-  
male on separate plants. — Woodville. 189.  
Sowerby. 439.

Woods, Hedges, July, P. Common.

### C L A S S. XXIII.

Character of the XXIII<sup>d</sup>. Class.

*This Class consists of plants in which some of  
the flowers in the same species have both  
male and female; some only male, and others  
only female organs.*

Various dispositions. Polygamia.

I House. Polyg. Monoec.

*Soft Grass*. *Holcus*. Gen. Pl. 1565.

Hermaphrodite. — Cup a chaff, containing  
2 florets. Blossom an awned chaff.  
Seed 1.

Male. — Cup a chaff of 2 valves. Blossom  
none.

711. *Creeping Soft Grass*. — *H. mollis*.

Root creeping, joints woolly, awn lengthened  
out beyond the spikelet. — Curtis. V. 8.  
Martyn. 119. *Sowerby*. 1170.

F f

Woods,



I House. Polyg. Monoec.

Woods, Hedges, July, P. Common.

712. *Meadow Soft Grass.* — *H. lanatus.*

Chaff with 2 flowers, woolly, hermaphrodite  
flore awnless, male one awned, awn bowed  
back. — Curtis. IV. 11. Martyn. 118.

Pastures, June, P. Common.

Sowerby. 1169.

*Crosswort.* VALANTIA. Gen. Pl. 1575.

Hermaphrodite. — Cup none. Blossom with  
4 divisions. Style 2-cleft. Seed 1.

Male. — Cup none. Blossom 3 or 4 divisi-  
ons. Female organ indistinct.

713. *Common Crosswort.* — *V. Cruciat.*

Male flowers with 4 segments, fruitstalks  
with 2 leaves. — Sowerby. 143. excellent.

Woods, Hedges, May, P. Common.

*Pellitory.* PARIETARIA. Gen. Pl. 1576.

Hermaphrodite. — Cup with 4 segments.  
Blossom none. Threads 4. Style 1.  
Seed 1, superior, lengthened out.

714. *Common Pellitory.* — *P. officinalis.*

Leaves spear-ovate, fruitstalks forked, cups  
with 2 leaves. — Curtis. IV. 63. Sowerby. 879.

Walls, June, P. Common.

Orach.

*Faint bleed-through text from the reverse side of the page, including botanical descriptions and references to Sowerby's works.*



## I House. Polyg. Monoec.

*Orach.* ATRIPLEX. Gen. Pl. 1577.

Hermaphrodite. — Cup of 5 leaves. Blossom none. Threads 5. Style with 2 segments. Seed 1, depressed.

Female. — Cup of 2 leaves. Blossom none. Threads none. Style with 2 segments. Seed 1, compressed.

715. *Spear Orach.* — *A. hastata.*

Stem herbaceous, valves of the cup in the female florets large, trowel-shaped, waved. — Curtis. II. 66.

716. *Spreading Orach.* — *A. patula.*

Stem herbaceous, spreading, leaves somewhat trowel-spear-shaped, cups of the fruit toothed in the disc. — Johnson's Gerard. 326. **Sowerby 936.**

Dunghills, August, A. Common.

*Maple.* ACER. Gen. Pl. 1590.

Hermaphrodite. — Cup 5-cleft. Blossom 5 petals. Capsule 2 or 3-celled, with one seed ended by a wing.

Male. — Cup 5-cleft. Blossom 5 petals.

717. *Sycamore.* — *A. pseudo-platanus.*

Leaves with 5 lobes, unequal, serrated, flowers in bunches. — Sowerby. 303.

Woods, May, T. Rare.

*Renbold Wood.*



I House. Polyg. Monoec.

718. *Common Maple.* — *A. campestre.*

Leaves lobed, blunt, nicked.—Sowerby. 304.

Woods, June, T. Common.

II Houses. Polyg. Dioec.

*Ash.* FRAXINUS. Gen. Pl. 1597.

Hermaphrodite. — Cup none. Blossom none. Seed 1, spear-shaped.

Female. — Female organ 1. Seed 1, spear-shaped.

719. *Common Ash-tree.* — *F. excelsior.*

735.

Leaves serrated, flowers without petals. — Johnson's Gerard. 1472. Sowerby. 1692.

Hedges, April, T. Common.



CRYPTOGAMIA

Character of the XXIV Class

XXIV. Fern. Crypt. Filices.

*Woods* — *E. sylvatica.*

Woods, April, R. Rare.

*Woods* — *Aspidium* Part.



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XXIV. Ferns. Crypt. Filices.

# CRYPTOGAMIA.

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Stems and fronds heavily simple. — Bolton.

## CLASS XXIV.

Character of the XXIVth. Class.

*Flowers not visible.*

\*  
XXIV. Ferns. Crypt. Filices.

*Horse-tail.* EQUISETUM. Gen. Pl. 1614.

Fructifications disposed in an ovate-oblong, club-shaped spike, whorled, on a stem.

720. *Wood Horse-tail.* — *E. sylvaticum.*

Stem bearing a spike, fronds compound. — Bolton. 33.

Woods, April, P. Rare.

*Hawnes Wood, — Amptbill Park.*

*Obs:*

*Fronds simple in the seedling plants, in the more adult much whorled and branched.*

Corn



## XXIV. Ferns. Crypt. Filices.

721. *Corn Horse-tail*. — *E. arvense*.  
Fertile stalk naked, barren one leafy. —  
Curtis, IV. 64.

Cornfields, March, P. Common.

## Obs:

Sheaths of the joints with from 4 to 5 teeth.

722. *Marsh Horse-tail*. — *E. palustre*.  
Stem angular, fronds undivided. — Bolton.  
35.  
Marshes, June, P. Rare.

*Amptbill Moor*, — *Stevington Bogs*.

723. *River Horse-tail*. — *E. fluviatile*.  
Stem scored, fronds nearly simple. — Bolton.  
36.  
Marshy Places, May, P. Common.

724. *Smooth Horse-tail*. — *E. limosum*.  
Stem somewhat naked, smooth. — Ray's Syn-  
opsis. V. 2. **Sowerby. 929.**  
Rivers, May, P. Common.

## Obs:

Sheaths of the joints more sharply and narrowly toothed than in the foregoing.

725. *Rough Horse-tail*. — *E. hyemale*.  
Stem naked, rough to the touch, somewhat  
branched at the base. — Bolton. 39.  
**Sowerby. 915.** Bogs,

## XXIV. Ferns. Crypt. Filices.

Bogs, July, P. Rare.

*Stevington Bogs*, — *Amptbill Moor*.

## Obs:

Stems very slender. Sheaths of the joints dark and rather  
grossly growing in the fronds at a small distance from  
each other.

*Amptbill Moor*. *Stevington Bogs*. Gen. III.  
1621.

Capsules numerous, growing together on a  
membrane into a double row, opening trans-  
versely, which type opening transverse.  
Ring none. Seeds many, very small.

726. *Common Marsh-tail*. — *E. angustatum*.  
Fronds ovate. — *Sowerby. 1031.*  
Meadows, May, P. Common.

## Obs:

Stems jointed, but not distinctly heart-shaped, and having a  
marked groove on a large frond.

*Amptbill Moor*. *Stevington Bogs*. Gen. III.  
1621.  
Capsules distinct, disposed in a bunch, crowd-  
ed, sitting nearly round, opening trans-  
versely. Ring none. Seeds many, very small.

727. *Common Marsh-tail*. — *E. angustatum*.  
Bunch lateral, less winged, solitary. — *Sowerby. 1031.*

Pastures, May, P. Rare.



XXIV. Ferns. Crypt. Filices.

Bogs, July, P. Rare.

Potton Marshes, — Amptbill Bogs.

Obs.:

Spike very slender. Sheaths of the joints pale, not infrequently growing in my specimens at 3 inches distance from each other.

Adder's-tongue. OPHIOGLOSSUM. Gen. Pl. 1621.

Capsules numerous, growing together on a membrane into a double rowed spike, nearly round; when ripe opening transversely. Ring none. Seeds many, very small.

726. Common Adder's-tongue. — O. vulgatum. Frond ovate. — Sowerby. 108. Meadows, May, P. Common.

Obs.:

Root fibrous, leaf indistinctly heart-shaped, and bearing a 2-rowed spike on a long fruitstalk.

Moonwort. OSMUNDA. Gen. Pl. 1622.

Capsules distinct, disposed in a bunch, crowded, sitting, nearly round, opening transversely. Ring none. Seeds many, very small.

727. Common Moonwort. — O. Lunaria.

Bunch lateral, leaf winged, solitary. — Sowerby. 318.

Pastures, May, P. Rare.

Oakley



## XXIV. Ferns. Crypt. Filices.

Oakley West Field.

Obs :

*Root fibrous, seeds in panicles, leaflets kidney-shaped.*728. *Royal Osmund.* — *O. regalis.*

Leaves with 2 rows of wings, with bunches at the end. — Sowerby. 209.

Boggy Places, July, P. Rare.

*Aspley Wood.*Found by Mr. GEORGE DIXON, of *Eversholt.*729. *Rough Moonwort.* — *O. Spicant.*Leaves lance-shaped, winged, segments running into each other, very entire, parallel. — Curtis. II. 67. *Sowerby. 1159.*

Heaths and Marshes, July, P. Rare.

*Potton Marshes.*

Obs :

*Barren leaves broader, fertile fronds narrowest.**Brakes.* PTERIS. Gen. Pl. 1626.

Capsules disposed in a line on the under side along the margin of the frond.

730. *Common Fern.* — *P. aquilina.*Leaves more than double compound, leaflets winged, wings spear-shaped, lower ones with winged clefts, upper ones smaller. — Bolton. 10. *Sowerby. 1679.*

Heaths, Commons, August, P. Common.

*Spleen-wort.*



## XXIV. Ferns. Crypt. Filices.

*Spleenwort.* ASPLENIUM. Gen. Pl. 1631.

Capsules disposed in straight lines on the under side of the frond.

731. *Hart's-tongue.* — A. Scolopendrium.

Leaves undivided, heart-shaped, very entire, stalks hairy. — Curtis. I. 67. **Sowerby. 1150.**

Old Walls and Wells, August, P. ~~Rare~~ *Common* —

*Brombam, — Eversholt. Oakley — Puddington —*

732. *English Maiden-hair.* — A. Trichomanes.

Leaves winged, wings nearly round, scolopod. — Woodville. 204. **Sowerby. 576.**

Old Walls, May, P. Rare.

*Stafford Bridge, Oakley.*

733. *Wall Rue.* — A. Ruta muraria.

Leaves doubly compound, in alternate order, leaflets wedge-shaped, scalloped. — Flora Danica. 190. **Sowerby. 150.**

Old Walls, June, P. Common.

734. *Black Maiden-hair.* — A. Adiantum nigrum.

Leaves almost trebly winged, leaflets alternate, wings spear-shaped, between cut and serrated. — Blackwell. 220.

Old Walls, April, P. Rare.

*Stafford Bridge, Oakley.*

G g

*Polypody.*



## XXIV. Ferns. Crypt. Filices.

*Polypody.* POLYPODIUM. Gen. Pl. 1632.

Capsules disposed in roundish dots over the under surface of the frond.

735. *Common Polypody.* — *P. vulgare.*

Fronds with winged divisions, wings oblong, somewhat serrated, blunt, root scaly. —

Curtis. I. 68. Woodville. 271. *Sowerby 1149.*

Old Walls, Roots of Trees, June, P. Common.

*Obs :*

*Fructifications in 2 rows, parallel.*

736. *Crested Polypody.* — *P. cristatum.*

Fronds almost doubly winged, leaflets ovate-oblong, wings bluntish, sharply serrated at the point. — Bolton. 23. *Sowerby 1146.*

Moist Woods and Bogs, June, P. Rare.

*Potton Marsbes, — Aspley Wood.*

*Obs :*

*Leaves paler than in the other species of this genus.*

737. *Male Polypody.* — *P. Filix mas.*

Fronds doubly winged, wings blunt, finely *Sowerby 1458* scolloped, stalk chaffy. — Woodville. 49.

Woods, June, P. Common.

738. *Female Polypody.* — *P. Filix fœmina.*

Frond doubly winged, smaller wings spear-shaped, with winged divisions, pointed. —

Blackwell. 325. *Sowerby 1459.*

Moist



## XXIV. Ferns. Crypt. Filices.

Moist Places, June, P. Rare.

*Potton Marshes.**Obs :**Plant extremely elegant, divisions very fine, fructifications ovate, somewhat fringed.*739. *Marsh Polypody.* — *P. Thelypteris.*

Frond doubly winged, wings with other winged divisions, very entire, quite covered with impregnating dust on the under side. —

Bolton. 43. *Sowerby 1010* —*Marshes, July, P. Rare.**Potton Marshes.**Obs :**The outline of the whole frond, taken collectively, is spear-shaped.*740. *Prickly Polypody.* — *P. aculeatum.*

Fronds doubly winged, wings spear-shaped, with fringe-like teeth, stalk chaffy. —

Bolton. XXVI. 1. and 3. *Sowerby 1562.**Springs in the Shade, June, P. Rare.**Eversholt.**Obs :**The lobe of that part of the leaf, which runs along the midrib, is shaped like an ear, and terminated by an awn.*

G g 2

*Club-moss.*



## XXIV. Mosses. Crypt. Musci.

Club-moss. LYCOPODIUM. Gen. Pl. 1615.

Fruit disposed in the bosom of the scales, which (being tiled closely) form a spike, sometimes sitting among the leaves.

741. Common Wolf's-claw. — L. clavatum.

Leaves scattered, ending in threads, spikes round, in pairs, on fruitstalks. — Dillenius.

LVIII. 1. Sowerby. 224.

Heaths, July, P. Rare.

Potton Heath.

Obs:

Shoots creeping to a great extent at the roots of heath: fruitstalks and spikes paler than the leaves and shoots.

742. Marsh Club-moss. — L. inundatum.

Leaves scattered, very entire, spikes terminating, leafy. — Dillenius. LXII. 7.

Sowerby. 239.

Bogs, June, P. Rare.

Amptbill.

Bog-moss. SPHAGNUM. Gen. Pl. 1637.

Capsule with a lid. Mouth smooth. Veil none.

743. Grey Bog-moss. — S. palustre.

Branches bent downwards. — Dillenius.

XXXII. 1. Sowerby. 1405.

Bogs, July, P. Common.

Tree

\* 745

Silver Earth-moss. *P. argenteum*.

Fertile stems dwarf, barren ones longer. Leaves egg-shaped, concave, concave, involucre forming cylindrical shoots, silver, ending in a fine hair.

Enclosure Bants. Jan 4 Rare  
Caldwell Jan 7 1801.

\* 745 Thread Moss Earth Moss.

*P. bryoides*

Capsules exserted, upright, oval, beaked, leaves pointed, somewhat erect, stems nearly simple — Dickson. Fasc. 4.

Tab. X. f. 3.

Wet places, on the edge of Stones  
Marsh. Rare.

Clapham Springs —



\*746. Creeping Earth-moss. P. Stoloniiferum.  
Shoots threadshaped, branched, gemi-  
:culated, leaves which surround the  
capsule spear-shaped, toothed. Dickson.

Dickson. tab. VII. f. 2.

Clay banks. Dec? rare  
Caldwell Inclosures.

Obs.  
Like the P. serratum, but the  
capsule twice as large, root creeping  
by suckers, no herbage distinct from  
the shoots which bear the capsules. \*

\*746 Serrated Earth-moss. P. serratum.

Shoots capillary, jointed, branched,  
capsule surrounded by lanceolate  
serrated leaves, rising above it.

Sowerby. 460. English Botany.

Banks. December. Rare.

Caldwell inclosures. Rev? J. H.

Obs.  
Capsule a bright red, in which cir-  
:cumstance alone it differs from the  
figure above cited.

Boys, July, P. Common.

XXIV. Mosses. Crypt. Musci.

744. Tree Sphagnum. — S. arboreum.

Branched, creeping, capsules on the sides of  
the branches, flowering all one way. —

Dillenius. XXXII. 6. Sowerby. 1180.

Trees, March, P. Rare,

Clapham Park Wood.

Obs:

This very rare plant grows imbedded in other mosses.

Earth-moss. PHASCUM. Gen. Pl. 1636.

Veil very small. Lid none.

745. Pointed Earth-moss. — P. cuspidatum.

On a stem, leaves ovate, pointed, open, upper-  
most erect, converging. — Curtis. IV. 66.

Pastures, January, A. Common.

746. Awl-leaved Earth-moss. — P. subulatum.

Stemless, capsule sitting, leaves awl-bristle-  
shaped, open. — Curtis. IV. 67.

Heaths, March, A. Common.

747. Alternate-leaved Earth-moss. — P. alter-  
nifolium. S.D.

Fertile stems dwarf, barren ones taller, up-  
right, leaves alternate, awl-shaped. — Dick-  
son. Fasc. II. tab. II. fig. 1.

Bogs, April, A. Rare.

Stevington Bogs.

Crooked



## XXIV. Mosses. Crypt. Musci.

*Sent* 748. Crooked Earth-moss. — P. curvicolium. S.D.  
 Sowerby. 905. Stemless, capsules on fruitstalks, bowed  
 downwards, leaves spear-shaped, pointed,  
 open. — (Dickson.) Dickson. I. 3.  
 Dec: 23. 1800. Banks, April, A. Rare.

Caldwell Inclosures. ~~Atterbury~~ Bryum lanceolatum.  
 749. Hairy Phascum. — P. piliferum. S.D.

On a stem, capsules on fruitstalks, leaves  
 oblong, erect, with hairs at the ends. —  
 Schreber. I. 6. 7.  
 Banks, Hillocks, March, P. Rare.

Clapham Hill.

Obs: On a stem, leaves pointed open upper  
 Capsule smaller than usual in the genus. Root-leaves fresh-  
 green, under the capsules somewhat paler, ending in a hair,  
 sometimes bent downwards, oftener erect.

750. Round-capsuled Earth-moss. — P. sphaerocarpon. Sowerby. 610.  
 Stemless, capsules sitting in the center of a  
 rose of leaves; leaves strap-spear-shaped,  
 spit-pointed.  
 Cart-ruts in Woods, October, A. Rare.

Clapham Park Wood.

Water-moss. FONTINALIS. Gen. Pl. 1655.  
 Capsule sitting on a short bristle, oblong,  
 surrounded by a tiled fence. Fringes two,  
 outer one with 16 broadish teeth, inner re-  
 ticulated.

Great

740. Obs:

Capsule reddish brown, globular  
 fruitstalk incurved, a little longer  
 than the spear-shaped leaves.

\* 740. Curled clustered Earthmoss — P. crispum.  
 on a stem, leaves minute, scattered,  
 floral leaves in clusters, elongated, pointed,  
 incurved, entire — ~~Sowerby. 610.~~  
 Sowerby. 1680. ~~excellent~~  
 Molehills - March. P. Rare.  
 Clapham Pastures.

\* 749 Awkless Earth Moss. P. muticum

Stemless: leaves eggshaped, concave,  
 converging, not ending in hairs.  
 Dillenius XXXII. 12.

Garden walks - Autumn - W. Common.

Obs:

Plant more diminutive than the cus:  
 pidatum, leaves not so deep a green.  
 They want also the terminal hair,  
 the true diagnostic of h? 745 —

\* 749 Many capsuled Earth Moss. P. multcapsulare.  
 On a stem, leaves spear-shaped, concave,  
 expanding, not contracted in a green  
 state, capsules round, many on one  
 shoot — Sowerby. 610. Excellent  
 Molehills and arable land.  
 Winter and Spring, Common.



XXIV. Mosses. Crypt. Musci.

751. Great Water-moss. — *F. antipyretica*.

Capsules nearly cylindrical, from the sides of the branches, leaves spear-shaped, loosely tiled, shoot branched, straggling. — Sowerby. 359.

Rivulets, June, P. Common.

Obs :

Leaves in three rows, fringes red, veil pointed, lid conical.

752. Least Water-moss. — *F. minor*.

Capsules terminating, leaves ovate, pointed, concave, pointing 3 ways; ~~always~~ ~~together~~. — Dillenius. XXXIII. 2. Sowerby. 557.

Mill Walls, June, P. Rare.

Duck and Oakley Mills.

Obs :

Leaves more closely tiled than in the preceding species.

Bottle-moss. SPLACHNUM. Gen. Pl.

Capsule sitting on a large colored tubercle. Veil falling off. Star of the female on a distinct plant.

753. Purple Bottle-moss. — *S. ampullaceum*.

Receptacle cruet-shaped, inversely ovate. — Sowerby. 144.

Bogs, March, A. Rare.

Amptbill.

Hair-moss.



## XXIV. Mosses. Crypt. Musci.

*Hair-moss.* POLYTRICHUM. Gen. Pl.

Capsule with a lid, sitting on a very minute tubercle. Veil woolly. Star on a distinct plant.

754. *Common Hair-moss.* — P. commune.

Capsules growing in parallel lines from the base, veils woolly, leaves strap-shaped, finely scolloped. — Dillenius. LIV. 1.

Moors, May, P. Common.

755. *Juniper Hair-moss.* — P. juniperinum.

Capsules growing in parallel lines from the base, veils woolly, leaves strap-spear-shaped, very entire, pointed. — Dillenius. LIV. 2.

Hills, June, P. Common.

756. *Dwarf Hair-moss.* — P. subrotundum.

Capsules roundish, nodding, veils woolly, leaves indistinctly serrated. — Curtis. II. 68.

Heaths, May, P. Common.

*Marsh-moss.* MNIUM. Gen. Pl. 1593.

Capsule with a lid, veil smooth. Barren flowers in a small head, naked, powdery, remote.

757. *Fountain Marsh-moss.* — M. fontanum.

Capsules roundish, lid short, conical, leaves spear-serrated, tiled, bent inwards at the points. — Sowerby. 390.

Turfy



## XXIV. Mosses. Crÿpt. Musci.

by Turfy Bogs, May. P. Rare.

*Amptbill.*

*Obs :*

*Capsule supported by a fruitstalk, somewhat twisted, growing out of the fork of the shoot. Tubercle more splendid than usual in the genus.*

758. *Common Marsh-moss.* — *M. palustre.*

Stem forked, leaves awl-shaped. — Sowerby. 391.

Bogs, June, P. Rare.

*Amptbill, — Potton, — Aspley.*

759. *Yellow Marsh-moss.* — *M. hygrometricum.*

Stemless, capsule nodding, veil 4-square, bent back. — Dillenius. LII. 75. **Sowerby.** 342.

Walls, Banks, March, A. Common.

*Obs :*

*Leaves rolled inwards, transparent, concave: fruitstalk bent inwards, yellowish green; veil slanting.*

760. *Purple Marsh-moss.* — *M. purpureum.*

Stem forked, fruitstalks from the bosoms of the leaves, capsule erect, leaves keeled. — Dillenius. XLIX. 51.

Walls, April, P. Common.

761. *Swan's-neck Marsh-moss.* — *M. hornum.*

H h

Capsules



## XXIV. Mosses. Crypt. Musci.

Capsules oblong, nodding, fruitstalk bowed down, leaves oblong-spear-shaped, slightly serrated, shoot nearly simple. — Dillenius. LI. 71.

Bogs, February, P. Rare.

Potton, — Amptbill.

762. Capillary Marsh-moss. — *M. capillare*.

Capsules hanging down, leaves ovate, keeled, with bristles at the end, fruitstalks very long.

Walls, April, P. Rare.

Amptbill.

763. Dotted Marsh-moss. — *M. punctatum*.

Capsules ovate, hanging down, leaves inversely ovate, blunt, dotted, very entire. — Dillenius. LIII. 81.

Groves in a sandy soil, April, P. Rare.

Amptbill, — Southill.

Obs :

Shoots creeping, leaves roundish, alternate.

764. Pointed Marsh-moss. — *M. cuspidatum*.

Capsules ovate, hanging down, leaves sharp-ovate, pointed, slightly serrated. — Dillenius. LIII. 79. Sowerby. 1474.

Groves in a sandy soil, April, P. Common.

Obs :

Leaves keeled, fringed. Shoots rather upright.

Proliferous

Annual Marsh: Moss. *M. annotinum*.

Leaves eggshaped, tapering, pellucid, fruitstalks from near the base of the shoot, capsules pendulous.

Dillenius I. 68.

Garden Walks, and wet places  
P. Marsh. June — Rare.

St. Cuthberts' Bedford —  
Road to Milton Truss.

Obs:

Younger shoots, barren, bulbiferous.  
Bulbs <sup>a dull</sup> red, roundish, pellucid,  
separately arranged, sitting in  
the wings of the leaves.

Leers.



## XXIV. Mosses. Crypt. Musci.

765. *Proliferous Marsh-moss.*—*M. proliferum.*

Capsules ovate, hanging down, leaves crowded, in a rose, spear-shaped, pointed. — Dillenius. LII. 77.

Woods, April, P. Common.

*Obs :*

*Shoots upright, branched, leaves keeled.*

766. *Waved Marsh-moss.* — *M. undulatum.*

Capsules ovate-oblong, hanging down, leaves oblong, waved, slightly serrated. — Dillenius. LII. 76. *Sowerby. 1449.*

Woods, April, P. Common.

*Obs :*

*Shoots very much branched, resembling a small tree, leaves waved.*

767. *Triangular Marsh-moss.*—*M. triquetrum.*

Leaves in three rows, open, awl-spear-shaped, keeled. — Dillenius. LI. 72.

Bogs, April, P. Common.

768. *Turfy Marsh-moss.* — *M. caespitium.*

Capsules hanging down, leaves spear-shaped, between pointed and ending in a bristle, fruitstalks very long. — Curtis. III. 67. 1.

Walls, February, P. Common.

*Obs :*

*The lower half of the fruitstalks red, the upper yellowish-green.*

H h 2

*Thread-moss.*



## XXIV. Mosses. Crypt. Musci.

*Thread-moss.* BRYUM. Gen. Pl. 1194.

Capsule with a lid. Veil smooth. Thread arising from a tubercle at the end of the shoot.

769. *Sessile Thread-moss.* — *B. apocarpum.*

Capsules sitting, at the ends of the branches, veil very small. — Dillenius. XXXII. 4. Flora Danica. 480. Sowerby. 1134.

On Tiles in a north aspect, November, P. Rare. *Amptbill, -Clapham, -St. Mary's Church, Bedford.*

*Obs :*

*This species is soon determined by the extreme smallness of the veil and the scarlet color of the lid.*

770. *Scored Thread-moss.* — *B. striatum.*

Capsules ovate-cylindrical, scored, leaves spear-shaped, margin bent back, open, upper ones gnawed at the point. — (*Sibthorpe.*) Dillenius. LV. 8.

Trees, February, P. Common.

*Obs :*

*Capsules sitting, shoots small, much branched.*

771. *Curled Thread-moss.* — *B. crispum.*

Capsules ovate, on fruitstalks thickening upwards, leaves strap-spear-shaped, curled up in drying. — (*Sibthorpe.*) Dillenius. LV. II. Sowerby. 996.

Trees,



\* 772 Beardless Thread-moss. *B. imberbe.*

Capsules oblong, beak slanting, leaves slender-spear-shaped, keeled, bent outwards.

Dillenius XLVIII. 46.

Ditch banks and mud walls. January, Rare.

Wall opposite the Limekiln St. Lloyd's Bedford.

Shoots more branched than in the bar:  
:batum, and of a deeper green. Lid very sharply pointed, veil placed on obliquely not occupying more than one third of the capsule —

*Bryum infescens*

between Sutton & Radwell. 1799

Pickering's Closes 1807. —

775.

Obs:

Capsules in the younger specimens watery white, almost transparent. Fruitstalks rather spiral, when they first appear.

XXIV. Mosses. Crypt. Musci.

Trees, May, P. Common.

Obs:

Leaves more brilliant than in the preceding.

772. Bearded Thread-moss. — *B. barbatum.* S.D. sent

Capsules upright, oblong, bearded, lid pointed, slanting, fruitstalks from the sides of the shoots. — Dillenius. XLVIII. 48.

Walls, February, P. Common.

773. Shining Thread-moss. — *B. pellucidum.* S.D. sent

Capsules egg-oblong, small; lid taper-pointed, bent, shoot hairy, leaves spear-shaped, reflected, acute. — (Wilbering.) Dillenius. XLVI. 23, 24. Sowerby. 1020. —

Marshy spots, June, P. Rare.

Bog in Aspley Wood.

Obs:

Roots matted and covered with rust-colored capillary fibres.

774. Small Heath Thread-moss. — *B. cerviculatum.*

Capsules egg-shaped, unequal, toothed, leaves very slender. Sowerby. 1661.

Heaths, August, P. Rare.

Amptbill.

775. Pea-green Thread-moss. — *B. convolutum.* S.D. sent

Capsules



## XXIV. Mosses. Crypt. Musci.

Capsules cylindrical, leaves of the fence blunt, rolled up so as to form a cylinder, leaves spear-shaped. — Dillenius. XLVIII. 44.

Base of brick walls, March, A. Common.

776. *Tendril Thread-moss*. — *B. cirrhatum*.

Capsules egg-oblong, lid taper-pointed, veil reaching but half way, shoots branched, leaves strap-spear-shaped, midribbed, acute. — (*Witbering*.) Flora Danica. 538. 4.

Boggy woods, March, P. Rare.

*Aspley Wood.*

*Sent* 777. *Trifid Thread-moss*. — *B. trifarium*. **S.D.**

Capsules egg-oblong, mouth bearded, shoots seldom branched, leaves spear-awl-shaped, expanding. (*Dickson*.)

*Sowerby*. 1707

Stones, March, P. Rare.

*Clapham Springs.*

778. *Pale Thread-moss*. — *B. androgynum*.

Capsules cylindrical, lids taper-pointed, fruit-stalks terminating, shoot branched, upright, leaves spear-shaped, rather expanding. — Dillenius. XXXI. 1.

Woods, June, A. Rare.

*Aspley Wood.*

*Simple*

775.

*Elstow Churchyard Wall*  
aspect N.E. facing the stile as  
you enter from the Swan.  
Dec. 2<sup>nd</sup> 1790.

\* 775

*Small green Threadmoss*. *B. viridulum*.

Capsules egg-shaped, leaves spear-shaped  
taper-pointed, tiled, but expanding.

Dillenius XLVIII. 43.

Mud walls, December, Rare  
walls of Oakley Churchyard.

*Obs.*

Fruit stalks generally single, some-  
times two from the same shoot.

777.

*Obs.*

Leaves dark green, fruit stalks  
crimson, base of the tubercle pale  
yellow, upper part crimson —



## XXIV. Mosses. Crypt. Musci.

779. *Simple Thread-moss.* — *B. simplex.*Capsules ovate-oblong, nodding, lid conical,  
leaves awl-shaped, scattered. — (*Sibthorpe.*)Dillenius. L. 59. *Sowerby*. 1215.

Marshy spots, March, P. Rare.

*Clapham Springs.*780. *Seagreen Thread-moss.* — *B. glaucum.*Capsules oblong, lid pointed, bent back,  
leaves erect, tiled, stem branched, upright. —

Dillenius. XLVI. 20.

Heaths and woods, October, P. Rare.

*Amptbill Heath, — Aspley Wood.*781. *Equal Thread-moss.* — *B. decipiens.* *S. D.*Capsules slanting, lid conical, fruitstalks as  
high as the leaves, leaves strap-spear-shaped,  
keeled.

Walls, February, P. Rare.

*Clapham, — Amptbill.**Obs:**Like the barbatum, but smaller in all it's parts.*782. *Extinguisber Thread-moss.* — *B. extincto-  
rium.*Capsule erect, oblong, smaller than the veil;  
veils loose, equal at the base. — Dillenius.XLV. 8. *Sowerby*. 550.

Walls, October, P. Common.

*Spear-shaped*782. *Obs:*Fruitstalks red towards the base  
pale yellow under the capsule  
which is bright green and conical.



## XXIV. Mosses. Crypt. Musci.

783. *Spear-shaped Thread-moss.* — *B. lanceolatum.*

Capsule erect, ovate, toothed, shoots rather upright, leaves spear-shaped, concave, pointed. — (*Dickson.*)

Sowerby. 1408.

Grassy spots, March, P. Common.

784. *Heath Thread-moss.* — *B. heteromallum.*

Capsules erect, leaves bristle-shaped, pointing one way. — *Dillenius.* XLVII. 37.

Sowerby. 1272.

Heaths, March, A. Common.

Obs:

*Fruitstalks rising from the back of the shoots.*

785. *Wall Thread-moss.* — *B. murale.*

Capsules upright, leaves with a hair at the end, straightish, shoots simple, in a turf. —

*Dillenius.* XLV. 14.

Walls, March, P. Common.

786. *Egg Thread-moss.* — *B. ovatum.*

Capsules upright, ovate, leaves ovate, concave, with a hair at the end. — (*Dickson.*)

Mud walls, April, A. Common.

Obs:

*Shoots tiled in the closest manner, with leaves that are not only concave, but converging.*

787. *Apple Thread-moss.* — *B. pomiforme.*

Capsules erect, spherical. — *Dillenius.*

XLIV. 1. Sowerby. 998.

Sandy

\* 783. *Dickson's Thread-moss.* *B. Dicksoni.*

Capsule erect, between ovate and cylindrical, shoots branched, leaves strap-shaped, keeled, rather curled in drying.

*Dickson.* Fasc. 3. tab. 7. f. 7. *Dickson.*

Rotten wood & Trunks of Trees.

February. Rare.

Ampt Hill. —

785.

Obs:

Leaves oval, semi-convolute.

Fruit at first yellowish green, brown in decay.



## XXIV. Mosses. Crypt. Musci.

Sandy Banks, February, A. Rare.

Claphill,—Southill,—Potton.

Obs :

Leaves growing in a thick turf, very finely scolloped towards the points. Capsule round, yellow-green.

788. Pear Thread-moss. — *B. pyriforme*.

Leaves expanded, flat, oblong, pointed, capsules shaped like a pear. — Sowerby. 413.

Banks, February, A. Common.

789. Stiff Thread-moss. — *B. rigidum*.

Capsules oblong, upright, shoots simple, very short, leaves oblong, stiff, rolled in at the edge. — Sowerby. 180. *speci*

Walls, November, P. Common.

Obs :

Leaves curl up in drying, lid red at the base, fringe twisted up cylindrically.

790. Grey Thread-moss. — *B. rurale*.

Capsules nearly upright, leaves bent back, ending with a hair. — Dillenius. XLV. 12.

Roofs of Cottages, December, P. Common.

791. Broom Thread-moss. — *B. scoparium*.

Capsules nearly upright, fruitstalks incorporated, leaves pointing one way, bowed back, stem declining. — Dillenius. XLVI. 16. Sowerby. 354.

Heaths, June, P. Common.

789.

specimens in the *Gradus ad Parn.*  
at Page. 394



## XXIV. Mosses. Crypt. Musci.

792. *Awl Thread-moss*. — *B. subulatum*.

Capsules upright, awl-shaped, shoots stemless. — Curtis. III. 66. Sowerby. 1104.

Walls, Banks, January, P. Common.

Obs:

The size of the leaves particularizes the species at first sight.

793. *Brown Thread-moss*. — *B. truncatulum*.

Capsules upright, roundish, lid ending in a sharp point. — Curtis. II. 70. 2.

Ditches, February, A. Common.

Obs:

Capsule lopped when ripe.

794. *Crowded Thread-moss*. — *B. hypnoides*.

Capsules egg-shaped, shoots ascending, branches lateral, short, fruit-bearing. — (Withering.) Dillenius. XLVII. 32.

Sowerby. 1348

Fir Groves, Autumn, Rare.

Warden.

795. *Bird's-claw Thread-moss*. — *B. unguiculatum*. Specimens in *Pollack's* 3<sup>rd</sup> ed.

Capsules upright, oblong, lid pointed, oblique, fruitstalks thickening upwards, leaves strap-spear-shaped, keeled. — Dillenius.

XLVIII. 47.

Walls, March, A. Common.

Green

*Red Thread Moss*. *B. rufescens*.

Capsules eggshaped, toothed. leaves strapshaped, pellucid, flaccid, secundous — Dickson.

— " — Dickson. Fasc. III. VIII. 5.

Last Ruts in wet Places A. March Rare.

Pickering's by a double Hedge.

Between Milton Trays &amp; Radwell.

Obs.

Plant grows in patches, but is very sparing in the produce of capsules: I find the fruitstalk longer in proportion to the rest of the plant in the plate above quoted, and tho' I have perceived many specimens in fruit, could never discover any veil.



792. Calcareous Threadmoss. *B. fallax.*  
Capsules oblong, mouth with a twisted  
beard, shoots branched upwards, leaves  
strap spear-shaped, bending outwards.

Hedwig. I. 24.

*Barbula fallax.*

Joints of Brickwork in damp places.

March. P. Rare.

Bromham House.

797. Obs:

Leaves altho' closely tiled, visibly  
terminated each by a fine hair  
towards the point of the shoot—

Obs:

798.

Leaves deep green, convolute.  
whole plant a cushion shaped mass,  
extremely soft, the fruit almost  
buried in the herbage—

797. Silky Threadmoss. *B. sericeum.*

Capsules cylindrical, lids conical,  
dagger-pointed, shoot simple, leaves  
egg-spear-shaped, closing.

Dillenius I. 61.

Boggy places. P. March. July. Rare.

Aspley Wood.

797. Brittle Threadmoss. *B. fragile.*  
Capsules upright, toothed, obovate, fruit stalk  
zigzag, leaves between pair of strap-shaped  
rather leaning on one side. Dillenius XLVII. 33.  
Dry Places. April Rare. F.G.  
Aspley Wood. 243

XXIV. Mosses. Crypt. Musci.

796. Green Thread-moss. — *B. virens.*

Capsules upright, oblong, leaves awl-shaped,  
quite straight. — Dillenius. XLVIII. 43.

Ditch Banks, March, A. Common.

797. Silver Thread-moss. — *B. argenteum.*

Capsules hanging down, shoots cylindrical,  
tiled, smooth. — Curtis. III. 67. 2. Sowerby. 1602.

Walls, Banks, February, P. Common.

798. Cushion Thread-moss. — *B. pulvinatum.*

Capsules roundish, fruit stalks bowed back,  
leaves ending in hairs. — Dillenius. L. 65.

Walls, March, A. Common. December &

799. Curled Thread-moss. — *B. undulatum.* March

Capsule cylindrical, nodding, veils smooth,  
leaves spear-shaped, waved, serrated. — Cur-  
tis. I. 70.

Woods, February, P. Common.

800. Chalky Thread-moss. — *B. calcareum.*

Capsules upright, inversely conical, toothed,  
leaves upright, round, bluntish. — Sowerby.  
191. excellent.

Chalk Pits, May, A. Rare.

Barton Hill.

Obs:

Fruitstalk scarcely taller than the leaves. Veil covering the  
upper half of the capsule.

I i 2

Feather-moss



## XXIV. Mosses. Crypt. Musci.

*Feather-moss.* HYPNUM. Gen. Pl. 1656.

Capsule with a lid; veil smooth, thread from the side of the stem, surrounded by an empalement.

801. *Upright Feather-moss.* — *H. adiantoides.*  
Leaf winged, branched, upright, bearing fruitstalks in the middle. — Sowerby. 264.  
Commons, April, P. Common.

Obs:

Leaf stiffish, leaflets alternate. X

802. *Flat Feather-moss.* — *H. complanatum.*

Leaf winged, branched, leaflets tiled, pointed, folded, compressed. — Dillenius. XXXIV. 7.

Sowerby. 1492

Trunks of Trees, March, P. Common.

Obs:

Fruitstalks rise sometimes from the midrib, oftener out of the fork.

803. *Yew-leaved Feather-moss.* — *H. taxifolium.*

Leaf not branched, winged, spear-shaped, bearing the fruitstalk at it's base. — Dillenius. XXXIV. 2. Sowerby. 426.

Woods, February, A. Common.

804. *Small Feather-moss.* — *H. bryoides.*

Fruitstalks terminating, capsules oblong, lid acute, leaflets spear-shaped, sharp-pointed. — Dillenius. XXXIV. 1. Sowerby. 625.

Woods,

x leaves of the empalement about 4. Strap-spear-shaped, base of the spiral fruitstalk a deep crimson.



\*204. Two rowed Feather Moss.

*A. denticulatum.*

Seldom branched, fruit stalks from near the base, capsules cylindrical, Lid blunt, leaves wedgeshaped, pointed in 2 rows.

Dillenius XXXIV. 5.

Boggy Woods at the roots of Trees  
P. Month. April. Rare.

Aspley Wood.

Obs:

Leaflets in the alternate Row shorter.

XXIV. Mosses. Crypt. Musci.

Woods, May, A. Rare.

Aspley.

805. Round-leaved Feather-moss. — H. rotundifolium. S. D. sent

Branched, fruitstalks lateral, capsules ovate.

Mill wheels, April, P. Very rare elsewhere, but common in Bedfordshire.

806. Floating Feather-moss. — H. fluitans. S. D.

Shoots straggling, branched, leaves spear-awl-shaped, scattered. — Dillenius. XXXVIII.

33. Sowerby 1448.

Stagnant Waters, September, A. Rare.

Ponds on the Goldington Road.

Obs:

Where it grows it is found in profusion, but never fructifies here.

807. Yellow Feather-moss. — H. lutescens.

Shoots straggling, branched, leaves awl-shaped, capsules oblique. — Dillenius. XLII.

60. Sowerby. 1306.

Chalky Hills, January, P. Common.

808. Common Feather-moss. — H. rutabulum. Sowerby. 1647.

Shoots straggling, branched, leaves ovate-pointed, open, capsules slanting, lid conical. — Dillenius. XXXVIII. 29.

Woods, September, P. Common.

Butcher's



## XXIV. Mosses. Crypt. Musci.

809. *Butcher's broom Feather-moss.*—*H. rusci-*  
*folium.* Sowerby. 1275.

Shoots creeping, branched, leaves oval, con-  
 cave, transparent, capsules roundish, bent  
 inwards. — Dillenius. XXXVIII. 31.

Mill Wheels, January, P. Rare.

*Oakley and Duck Mills.*

810. *Starry Feather-moss.* — *H. stellatum.* S.D.

Shoots branched, starry at the points, leaves  
 spear-shaped, with long points, open. —

(*Sibthorpe.*) Dickson. I. 7. Sowerby. 1302

Turfy Bogs, April, P. Rare.

*Amptbill.*

811. *Triangular Feather-moss.* — *H. trique-*  
*trum.* Sowerby. 1622.

Branches straggling, bent back, leaves ovate,  
 bent back, open.—Dillenius. XXXVIII. 28.

Woods, September, P. Common.

*Obs :*

*Leaves not keeled.*

812. *Fir Feather-moss.* — *H. abietinum.*

Shoots winged, roundish, distant, unequal. —  
 Dillenius. XXXV. 17.

Chalkpits, March, P. Rare.

*Barton Hills.*

*Obs :*

*I have not seen it in fructification.*

*Crested*



013. *H. molluscum*. Stem procumbent, pectinate,  
leaves ovate and shaped, curved, without ribs, capsule  
ovate, drooping, lid conical. English Botany.

*Bryum Dicksoni*.

Dr. Smith  
Jan 26.  
1801.  
to Sowerby

March 30 1799

No. 3  
Oct. 28<sup>th</sup> 1799

To Dickson  
No. 1. Feb. 10  
1801.

To Sowerby.

No. 4.

Feb 10. 1801.

247

XXIV. Mosses. Crypt. Musci.

813. Crested Feather-moss. — *H. cristacastrensis molluscum*. Sowerby. 1327.

Shoots winged, little branches close together,  
with the points bowed back. — Dillenius.  
XXXVI. 20.

Hills, March, P. Common.

Obs :

Plants often crowded into great masses, procumbent, soon  
perceived by their silky gloss.

814. Bog Feather-moss. — *H. filicinum*. S. D.

Shoots winged, little branches distant, leaflets  
riled, bowed inwards, sharp, pointed one  
way. — Dillenius. XXXVI. 19. Sowerby. 1570.

Bogs, March, P. Rare.

Stevington Bogs.

Obs :

Leaves branched, often proliferous at the sides.

815. Wall Feather-moss. — *H. parietinum*. Sowerby. 1424.

Shoots flat and winged, lengthened out, fruit-  
stalks in clusters. — Dillenius. XXXV. 13.

Heaths, February, P. Common.

Obs :

The shoots of the new year do not arise from the end of the  
old one, but near to it.

816. Feathery Feather-moss. — *H. plumosum*.

Shoots



## XXIV. Mosses. Crypt. Musci.

Shoots winged, creeping, branches crowded,  
leaves tiled, awl-shaped, capsules erect. —  
Dillenius. XXXV. 16.

Trees, January, P. Rare.

*Sheerbatch Wood.*

817. *Trailing Feather-moss.* — *H. praelongum.*

Shoots simply winged, leaves spear-shaped,  
loosely tiled, capsules ovate, lid like a reaping  
hook. — Dillenius. XXXV. 15.

Trees, February, P. Common.

818. *Proliferous Feather-moss.* — *H. proliferum.*

Shoots bearing others, flat, winged, fruit-  
stalks in clusters. — Dillenius. XXXV. 14.

Shady Woods, December, P. Common.

*Obs :*

*Shoot produced from the end of the leaf.*

819. *Hooked Feather-moss.* — *H. aduncum.* **SD.**

Shoot branched, upright, leaves strap-spear-  
shaped, like a reaping hook, crowded, hook-  
ed at the end. — Dillenius. XXXVII. 26.

Marshes, April, P. Common.

820. *Cypress Feather-moss.* — *H. cupressiforme.*

Shoots somewhat winged, leaves pointing  
one way, bowed back, awl-shaped at the  
end. — Dillenius. XXXVII. 23.

Woods, March, P. Common.

*Scorpion's*



## XXIV. Mosses. Crypt. Musci.

821. *Scorpion's-tail Feather-Moss*. — H. scorpioides. S.D.

Branches straggling, trailing, bowed back, leaves pointing one way, pointed. *Sowerby*. 1039.

Turfy Bogs, November, P. Rare.

— *Amptbill*, — *Potton*.

822. *Scurfy Feather-moss*. — H. squarrosum.

Shoots branched, leaves awl-shaped, bowed back in all directions, capsules oblong, rather nodding, lid short, conical. — *Dillenius*. XXXIX. 38.

Moist Meadows, March, P. Common.

823. *Twig Feather-moss*. — H. viticulosum. S.D.

Shoots creeping, branches straggling, round, leaves open, taper-pointed. — *Dillenius*. XXXIX. 43. *Sowerby*. 265.

Trees, March, P. Common.

Obs :

*Lid pointed, capsule mahogany-colored.*

824. *Fox-tail Feather-moss*. — H. alopecurum.

Shoots upright, branches in bundles, terminating, subdivided, capsules rather nodding. *Dillenius*. XLI. 49. *Sowerby*. 1182.

K k

Woods,



## XXIV. Mosses. Crypt. Musci.

Woods, April, P. Common.

Obs :

*Stem scales tapering to a point.*

825. *Tree Feather-moss.* — *H. dendroides.*

Shoot upright, branches in bundles, terminating, mostly simple, capsules upright. — Dillenius. XL. 48. **Sowerby. 1565.**

Woods, February, P. Rare.

*Amptbill, — Southill, — Clopbill.*

Obs :

*Stem scales bluntish.*

826. *Pointed Feather-moss.* — *H. cuspidatum.*

Shoots straggling, pointed at the ends by the edges of the leaves rolled inwards. — Dillenius. XXXIX. 34. **Sowerby. 1425.**

Wet Pastures, March, P. Common.

827. *Meadow Feather-moss.* — *H. purum.*

Shoots winged, scattered, awl-shaped, leaves ovate, blunt, approaching. — Curtis. III. 65. **Sowerby. 1599.**

Pastures, February, P. Common.

828. *Water Feather-moss.* — *H. riparium.*

Shoots cylindrical, branched, leaflets pointed, open, distant. — Dillenius. XL. 44.

Bogs, April, P. Common.

*Squirrel's-tail*



\*830 - Bob-tail Feather: Moss.

*H. curtispendulum.*

Shoots upright, branched, leafy.  
Leaves oblong egg-shaped, acute, tiled.  
capsules oval, lid tapering.

Dillenius XLIII. 69.

Beech tree Bark. Feb. Rare.

Milton Hill. Woburn Park.

Obs: Feb. 7 1799.

Fructification axillary, leaves  
of the fence very long, fruit:  
Stalk very short. —

XXIV. Mosses. Crypt. Musci.

829. *Squirrel's-tail Feather-moss.* — *H. sciuroi-*  
*des.*

Shoots upright, branched, bowed inwards. —  
Dillenius. XLI. 54.

Trees, February, P. Common.

830. *Mouse-tail Feather-moss.* — *H. myosu-*  
*roides.*

Shoots very much branched, branches awl-  
shaped, round, tapering each way. — Dille-  
nius. XLI. 51. **Sowerby. 1567.**

Trees and Pales, March, P. Common.

831. *Silky Feather-moss.* — *H. sericeum.*

Shoot creeping, branches crowded, upright,  
leaves awl-shaped, capsules upright. —  
Dillenius. XLII. 59. **Sowerby. 1445.**

Walls, Trees, April, P. Common.

832. *Creeping Feather-moss.* — *H. serpens.*

Shoots creeping, branches thread-shaped,  
leaves very minute. — Dillenius. XLII. 64.

Trees, March, P. Common. **Sowerby. 1037** —

833. *Velvet Feather-moss.* — *H. velutinum.*

Shoot creeping, branches crowded, upright,  
leaves awl-shaped, capsules somewhat nod-  
ding. — Dillenius. XLII. 61. **Sowerby. 1560.**

Trees, Autumn, P. Common.



## XXIV. Thongs. Crypt. Algæ.

*Star-tip.* JUNGERMANIA. Gen. Pl. 1662.

Capsule solitary, with 4 valves. Seeds attached to a thread.

834. *Spleenwort Star-tip.* — *J. asplenioides.*

Sowerby. 1788. Leaves simply winged, leaflets ovate, somewhat fringed. — Dillenius. LXIX. 6.

Ditch Banks near Woods, April, P. Common.

835. *Forked Star-tip.* — *J. bicuspidata.*

Leaves simply winged, flowering in the middle, leaflets with two teeth. — Sowerby. 281.

Wet shady Places, March, P. Common.

Obs:

The two nicks in the leaves form an acute angle.

836. *Cloven Star-tip.* — *J. bidentata.*

Sowerby. 606. Leaves simply winged, flowering at the point, leaflets with two teeth. — Dillenius. LXX. 11.

Wet shady places, October, A. Common.

Obs:

The two nicks of the leaves resemble the pointed horns of the new moon.

837. *Stragglng Star-tip.* — *J. viticulosa.*

Leaves simply winged, leaflets roundish, very entire. — Dillenius. LXIX. 6.

Walls, April, P. Common.

Flat

M<sup>r</sup>. Sowerby desires any species of this genus.

\* 835 *Spearshaped Star-tip.* *J. lanceolata.*

Shoots spearshaped, fruit stalks terminating, leaflets very entire.

Dillenius LXX. 10.

Shady Banks near Springs. Rare.

Eversholt

Hyde Mill near Luton.

growing on the frond. —

v. 41. Sowerby. 771.

P. Rare.

Amptbill, — Potton.

Obs:

leaf growing to the soil.

Strap-shaped



## XXIV. Thongs. Crypt. Algæ.

838. *Flat Star-tip.* — *J. complanata.* *Sent*

Shoots creeping, leaflets doubly tiled, with ear-shaped segments underneath, branches of equal breadth. — Curtis. IV. 68. Dillenius. LXXII. 26.

Trees, January, P. Common.

839. *Scaly Star-tip.* — *J. dilatata.* *Sent*

Shoots creeping, leaflets doubly tiled, with ear-shaped segments underneath, branches broader at the point. — Dillenius. LXXII. 27.

Tress, March, P. Common.

840. *Tamarisk Star-tip.* — *J. tamariscifolia.*Leaves tiled in a double row, upper ones roundish, convex, blunt, four times as large as the other. — Dillenius. LXXII. 31. *Sowerby. 1086.*

Trees, February, P. Common.

*Obs :**Fructifications yellow, sometimes erect, oftener drooping.*841. *Broad-leaved Star-tip.* — *J. epiphylla.*Stemless, a little leaf growing on the frond. — Dillenius. LXXIV. 41. *Sowerby. 771.*

Bogs, March, P. Rare.

*Amptbill, — Potton.**Obs :**Lower leaf growing to the soil.**Strap-shaped*\*840. *Fern-like Star-tips J. Tomentella**Shoots creeping, downy on the upper surface, leaves doubly winged, very downy Dillenius LXXIII. 35.**Springs & damp woods. April, Rare  
Clapham Springs.*



## XXIV. Thongs. Crypt. Algæ.

842. *Strap-shaped Star-tip.* — *J. furcata.*

Stemless, frond strap-shaped, branched, the ends forked and bluntish. — Dillenius.

LXXIV. 45. Sowerby 1832.

Trees, April, P. Rare.

Amptbill-Park Plantations.

Obs:

Small branches adhering firmly to the bark of trees, strap-shaped, forked.

843. *Wall Star-tip.* — *J. platyphylla.*

Sowerby 790. Shoots trailing, tiled underneath, leaflets heart-shaped, pointed. — Dillenius. LXXII. 32.

Walls, March, P. Common.

Obs:

Spreading like a carpet over the brinks of old walls.

844. *Dwarf Star-tip.* — *J. multifida.*

Stemless, shoots with double wings. — Sowerby. 186. excellent.

Woods, April, P. Common.

Obs:

Leaves very finely divided, fructifications rising nearly from the center of the leaves, yellowish, white at the base, numerous.

845. *Jagged Star-tip.* — *J. pinguis.*

Stemless, frond oblong, waved, greasy. — Sowerby. 185.

Bogs, April, P. Common.

Obs:

\* 843.

*Pale Star-tip.* — *J. cinerea.*

Shoots creeping, doubly winged above, fruitstalk central, sheath round leaves blunt.

Dillenius LXXII. 28.

On damp sticks and mopes in woods

Winter & Spring

Clapham between Woods. rare.



## XXIV. Thongs. Crypt. Algæ.

Obs :

Leaves broader than in the other star-tips, paler towards the ends.

846. *Shining Star-tip.* — *J. pusilla.*

Stemless, frond mostly winged, lobes tiled, empalement plaited. — Dillenius. LXXIV. 46.

Shady Lanes, March, P. Rare.

Hazel-wood Lane.

847. *Powdered Star-tip.* — *J. fissa.*

Fronds simply winged, leaflets in two rows, nicked at the point. — Dillenius. XXXI. 6.

Wet Places, March, P. Rare.

Amphill Moor.

Obs :

Fronds in two rows, nicked, small branches few, 2 or 3 only, so that they can hardly be called winged.

*Liver-green.* MARCHANTIA. Gen. Pl. 1661.

Receptacle target-shaped, bearing seeds underneath, in many capsules. Capsules with 4 valves. Seeds attached to a thread.

848. *Star-beaded Liver-green.* — *M. polymorpha.*

\* 548

*M. conica*

Common cup with 10 divisions. — Dillenius. LXXVI. 6. Sowerby. 210.

Sowerby 504.

\* *M. conica* — *Conical Liver-green* — <sup>Wet</sup>

Cup of the female flowers ovate, pointed with 5 marginal notches; male flowers in separate warts.

Sowerby. 504.

Shady hills, Spring, Rare.  
Clapham between woods.



## XXIV. Thongs. Crypt. Algæ.

Wet Places, July, P. Rare.

Eversholt.

Obs :

*Heads shaped like the skeleton of an umbrella.*

Liver-wort. LICHEN. Gen. Pl.

Male. — Receptacle roundish, rather flat, shining.

Female. — A meal sprinkled on the leaves.

\* Powdery Lichens.

849. *White Liver-wort.* — *L. albus.*

Very white, between powdery and crustaceous. — Dillenius. I. 2. Flora Danica. 840. 4. Sowerby. 1349.

On decayed Mosses, January, P. Common.

850. *Hoary Liver-wort.* — *L. incanus.*

Hoary, powdery, like scattered meal. — Dillenius. I. 3.

Bark of Trees, June, A. Common.

851. *Yellow Liver-wort.* — *L. flavus.*

Yellow, powdery, growing on wood. — Dillenius. I. 4. Sowerby. 1350.

Old pales, Oak bark, September, A. Common.

\* \* Crustaceous,

XXXV. Thongs. Crypt. Algæ.  
 Wet Places, July, P. Rare.  
 Eversholt.  
 Obs :  
*Heads shaped like the skeleton of an umbrella.*  
 Liver-wort. LICHEN. Gen. Pl.  
 Male. — Receptacle roundish, rather flat, shining.  
 Female. — A meal sprinkled on the leaves.  
 \* Powdery Lichens.  
 849. *White Liver-wort.* — *L. albus.*  
 Very white, between powdery and crustaceous. — Dillenius. I. 2. Flora Danica. 840. 4. Sowerby. 1349.  
 On decayed Mosses, January, P. Common.  
 850. *Hoary Liver-wort.* — *L. incanus.*  
 Hoary, powdery, like scattered meal. — Dillenius. I. 3.  
 Bark of Trees, June, A. Common.  
 851. *Yellow Liver-wort.* — *L. flavus.*  
 Yellow, powdery, growing on wood. — Dillenius. I. 4. Sowerby. 1350.  
 Old pales, Oak bark, September, A. Common.  
 \* \* Crustaceous,



## XXIV. Thongs. Crypt. Algæ.

\* \* Crustaceous, with black lines.

852. Wrinkled *Liver-wort*. — *L. rugosus*.  
Crust whitish, simple, black lines and dots  
crowded together. — Dillenius. XVIII. 2.  
Bark of Trees. January, P. Common.

Obs:

Scarcely different from *L. scriptus*.

853. Lettered *Liver-wort*. — *L. scriptus*.  
Crust whitish, with black lines branched like  
Asiatic characters. — Dillenius. XVIII. 1.  
Bark of Trees, January, P. Common.

854. Flea *Liver-wort*. — *L. pulcaris*.  
Crust whitish, lines black, very short and  
simple. — Hoffman's Enum. Lich. III. 2. **E**.  
Bark of Trees, December, P. Rare.

Amptbill Park.

\* \* \* Crustaceous, with tubercles.

855. Beech *Liver-wort*. — *L. fagineus*.  
Crust white, tubercles white, mealy. — Dil-  
lenius. XVIII. 11.  
Bark of Trees, December, P. Common.

856. Whitish-black *Liver-wort*. — *L. atro-*  
*albus*.  
Crust black, tubercles black and white, mix-  
ed together. — Jacquin. Collect. II. 14. 1.

L 1

Walls,

\* 853. Hebrew Liverwort *L. hebraicus*.Leprous, whitish, fructifications con-  
sisting of small black lines divergingLibthorpe.  
Hoffman's Enum. Lich. III. 2. F.

Bark of Trees, December P. Rare.

Clapham Park Wood.

\* 853

*L. inquinans*.

English Botany



## XXIV. Thongs. Crypt. Algæ.

Walls, January, P. Common.

857. *Dyer's Liver-wort.* — *L. calcareus.*Crust white, tubercles black. — Dillenius.  
XVIII. 8.

Walls, January, P. Common.

858. *Sunk Liver-wort.* — *L. immersus.*

Tubercles black, sunk in the stones. — Sowerby. 193. excellent.

Chalk or Limestone, January, P. Rare.

Barton, — Elstow.

Obs :

*Tubercles black, very minute, color of the crust very white, substance very thin.*859. *Black-knobbed Liver-wort.* — *L. sanguinarius.*

Crust ashy-green, tubercles black. — Sowerby. 155. excellent.

Trees, January, P. Common.

860. *Moss Liver-wort.* — *L. muscorum.*Crust ash-colored, tubercles black. — Relhan's plate at page 424. **Sowerby. 626.**

On Mosses, January, P. Rare.

Newenham Wall.

Obs :

*The crust is a mass united and growing amongst various species of the Hypna, tubercles globular.*

Hoary

\* 858. *Rock Liverwort.* *L. rupestris.*

Tubercles sitting, bare, dark brown,

Limestone walls. Winter, Rare.

Friars walls.

Obs :

*Tubercles at first completely convex in a dry and advanced state they become flat, and have a cartilaginous border.*\* 859 *Granulated Liverwort.* *L. graniformis*

Tubercles black, crowded: crust greenish grey, with granulations

Ager. 1. 2. ?

*In the clefts of old willows. Common all the year —*



\* 861 Grey and red Liverwort. *L. caesiomifus.*

Crust granulated, lobed, pale grey, shields  
fawny-red, flattish, with a thick white  
undulated border. — English Botany.

Sowerby. 1040.

861. <sup>Bricks Walls</sup>  
in a sloping position.

\* Confluent Liverwort. *L. confluens.*

Tubercles very black, distinct when young,  
confluent when old, crust blue-grey,  
pale brown, or white — Withering

Hoffman Lich. XIX. 1.

Walls — Winter — Rare.

Garden walls, Bedford.

\* 864. Mosaic Lichen. *L. tessellatus.*

Crust gray, cracked, whitish about the  
tubercles, which are immersed, black  
prominent, smooth. — English Botany.

Sowerby. 533.

Brick walls, December, Rare.

Bedford, my own garden.

XXIV. Thongs. Crypt. Algæ.

861. Hoary Liver-wort. — *L. canescens.*

Crust whitish, tubercles very black, crowded.  
Dillenius. XVIII. 17. A.

Trees, Walls, December, P. Common.

862. Bluish Liver-wort. — *L. cæruleo-nigricans.*

Crust bluish, tubercles black. — Hoffman.

Enum. Lich. XXXII. 3. Sowerby. 1139 —

Hills, January, P. Rare.

Barton Hill, — Kempston.

Obs :

Younger tubercles greenish, almost sitting, older ones on stems,  
at length turning back.

863. Wall Liver-wort. — *L. fusco-ater.*

Crust brown, tubercles black. Jacquin. Col-  
lect. II. 14. 3.

Walls, January, P. Common.

864. Oak Liver-wort. — *L. querneus.*

Crust yellowish brown, tubercles black, near-  
ly sunk in the crust. — Dickson. Fasc.

Crypt. I. 2. 3. Sowerby. 405.

Posts and Gates, January, P. Common.

865. Sulphureous Liver-wort. — *L. sulphureus.*

Crust brimstone-colored, cracked, uneven,  
tubercles brown-black, irregular, very small.

Hoffman. Enum. Lich. VI. 3.



## XXIV. Thongs. Crypt. Algæ.

Brick Walls, March, P. Rare.

Elstow.

866. Horn-beam Liver-wort. — *L. carpineus*.

Crust ash-colored, tubercles whitish, wrinkled. — Dillenius. XVIII. II. C.

Trees, January, P. Common.

Obs:

Crust very thin.

867. Heath Liver-wort. — *L. ericetorum*.

Crust the color of verdigris, tubercles nearly sitting, flat, flesh-colored. — Sowerby. 372. excellent.

Heaths, December, P. Common.

Obs:

At first sight like a slice of sage cheese.

868. Mushroom Liver-wort. — *L. byssoides*.

Crust ashy-green, tubercles brown, mostly on fruitstalks. — Sowerby. 373.

Heaths, December, P. Rare.

Amptbill.

Obs:

Tubercles on long stems like a small species of Agaric.

869. — Large Heath Liver-wort. — *L. Bæomyces*.

Crust whitish, tubercles on stems, flesh-colored. — Sowerby. 374. excellent.

Heaths,

\*866 *Quartz Liverwort. L. dendriticus*.  
Crust between ash-colored and black, border  
branching like a tree, Shields convex, of  
the same colour — Hoffman —

Hoffman. Pl. Lich. XIX. 4.

Bricks in an Eastern aspect.  
all the year — Rare —Friar's Farm — St. John's Hospital walks  
Bedford.

Obs:

This Liverwort when most perfect  
is the smallest of the tribe I ever  
yet met with, it is not therefore  
to be wondered that it should have  
so long escaped notice in Britain —  
we may however venture to pronounce  
that upon a minute and microscopical  
inspection it will amply repay  
the study of the scrutinizing Botanist —  
Crust rising, uneven, border foliaceous  
tubercles very prominent, darker than  
the crust.



\* 079. to follow L. ater.

~~Bleak Liverwort L. frigidus.~~

~~Expanded, scrublike, white Shields flat,  
Dichry: flesh-colored, borders white.~~

~~Bleak Situations, rare  
Barton Mills.~~

\* 079, 2 Globular Lichen. L. sphaeroides.

Crust greenish-grey, tubercles groundish,  
flesh-colored. Dickson.

Dickson. June. Oct? Woods Common.  
Fasc. I. tab. 2. f. 2.

871. a single elm tree on the  
cross Road at the entrance into Ilstow.  
also behind Kempston-Bury-house.  
to follow Lichen ater

\* 074 White Liverwort. L. lentigerus.

Crust whitish somewhat lobed: shields  
yellowish when full grown, white at the  
edge withering  
Rehman at p. 430.

Hoffman X. 4.  
Heath and dry walls P. Jan 7 3rd  
Bedford old walls.

\* 074. Chart Liverwort. L. chartaceus.

Crust white, cracked, shields black within,  
externally white, with geographical lines.

walls, winter: P. Rare.

Amphill -  
crustaceus, villos, rimosus, <sup>intus</sup>cutellis nigris,  
extus albis, lineis chartaceis -

XXIV. Thongs. Crypt. Algæ.

Heaths, January, P. very Rare.

Amphill.

Obs:

Crust very uneven.

870. Pierced Liver-wort. — L. pertusus.

Crust with smooth warts, set chequer-wise,  
pierced with 1 or 2 cylindrical perforati-  
ons. — Dillenius. XVIII. 9. Flora Danica.  
766. Sowerby. 677.

Trees, January, P. Common.

871. Yellow-red Liver-wort. — L. flavo-ru-  
bescens. S. D.

Crust greenish ash-color, tubercles orange-  
red. — Flora. Danica. 955. 1.

Treſs, January, P. Common.

872. Rusty Liver-wort. — L. vernalis.

Crust whitish, tubercles roundish, rust-co-  
lored. — Dillenius. LV. 8. Sowerby. 845.

Rails, Posts, January, P. Common.

Obs:

Crust ashy-white.

\* \* \* \* Liver-worts bearing shields.

873. Rugged Liver-wort. — L. ater.

Crust whitish, wrinkled, shields black, mar-  
gin white, rather scalloped. — Dillenius.  
XVIII. 15. A. Sowerby. 949.

Walls,



## XXIV. Thongs. Crypt. Algæ.

Walls, Bricks, January, P. Common.

Obs.:

Shields of various sizes, black with ash-colored borders.

Sowerby, 1793? 874. Golden Liver-wort. — *L. candelarius*. S.D.

Crust yellow, shields gold-colored. — Dillenius. XVIII. 18. B.

Stones on chalky hills, January, P. Common.

875. Pale Liver-wort. — *L. pallescens*.

Crust whitish, shields pale. — Dillenius. XVIII. 17.

Walls, January, P. Common.

876. Crab's-eye Liver-wort. — *L. parellus*.

Crust white, shields concave, pale, with blunt edges. — Dillenius. XVIII. 10.

Stones, January, P. Rare.

Barton Hill.

877. Hollowed Liver-wort. — *L. scruposus*.

Crust ash-colored, granulated, shields immersed, black, with a scalloped border. — Sowerby. 266.

Walls, January, P. Common.

Obs.:

Shields imbedded in the crust.

878. Brownish Liver-wort. — *L. subfuscus*.

Crust

\* 879. Nipped Liverwort. *L. emarginatus*.Crust ash-colored, uneven, shields white on the exterior surface black within, very deeply notched  
Walls January Rose Green's walls\* 873 Contracted Liverwort. *L. coarctatus*.  
Crust gray, cracked: Shields black, flat, with an elevated, white, mealy margin, when young drawn close over the centre.

English Botany.

Sowerby. 534.

Brick Walls, Autumn, Rare.

Gardens in Bedford.

Obs.:

Saucers dark slate colored with white borders.

\*\* 873. Bloody-spotted Liverwort. *L. Hematomma*  
Crustaceous, white, mealy with a fibrous border - Shields imbedded scarlet, concave: when old, convex: their margin thick white, elevated, mealy — English Botany.

Sowerby. 486.

Brickwalls, Winter, Rare.

Gardens in Bedford.

Obs.:

The punctifications of this elegant Liverwort, at first and to the naked eye appear mac like wounds in the Brickwork, than the marks of vegetation —



mealy: bordered  
\* 870. ~~Black and yellow~~ Liverwort. *L. bysinius*.  
Powdery, brownish, Shields flat, dull yellow  
with a very white mealy elevated border  
Sowerby. 432. English Botany  
Walls, October, Rare  
Friar's Wall, on Limestone

\* 870. Waxen Liverwort. *L. cerinus*.  
Lancets pale yellow, smooth, border and  
under-side whitish, crust grey-white.  
Dickson III. 14.  
Bark of trees in woods. Winter, Rare  
Clapham between woods. 1799.  
Kempston Wood. 1797.

\*\* Creeve  
870 Chink Lichen. *L. cerinus*  
*rimosus*  
Lancets sea-green, with a white border,  
Crust whitish, cracked into roundish  
angular pieces.  
Flora Danica. 468. 3.  
Church walls. Winter, Common Rare  
Oakley-Church-Wall.

\*\*\*  
870. Crisp Liverwort. *L. crenulatus*.  
Somewhat tiled and lobed, lobes abridged,  
depressed, somewhat rising, rounded, thickish:  
shields bordered, between flat and convex.  
Dillenius XIX. 23.  
Walls, Winter not uncommon.  
Friar's Wall.

mealy - flesh: color'd  
\* 870. Orange and white Liverwort  
Sowerby 2: 057. *L. Turneri*.  
Wilshamstead Wood 1802<sup>263</sup>. on bark.  
XXIV. Thongs. Crypt. Algæ.

Crust whitish, shields brown, with an ash-  
colored somewhat scalloped border. — Dil-  
lenius. XVIII. 16.

Trees, January, P. Common.

Obs:

This is a very sportive and variable species.

879. Crested Liver-wort. — *L. cristatus*.

Tiled, leaves between toothed and fringed,  
shields larger than the leaves. — Dillenius.  
XIX. 26.

Damp Walls, October, A. Common.

880. Olive Liver-wort. — *L. olivaceus*.

Tiled, leaves lobed, olive-colored, shields of  
the same color, scalloped. — Dillenius.  
XXIV. 77.

Trees, January, P. Common.

881. Common Liver-wort. — *L. parietinus*.

Tiled, leaves curled, deep yellow, shields of  
the same color. — Sowerby. 194.

Trees, January, P. Common.

Obs:

Leaves in damp spots of a livid hue, in exposed and dry  
places, deep yellow. Shields always corresponding.

882. Inflated Liver-wort. — *L. physodes*.

Tiled, segments blunt, inflated. — Sowerby.  
126.

Oak

† Obs. to *L. cerinus*.

In the early stage of the plant, its shields  
are of the color of beeswax, in its middle  
state they become convex, and in its  
decay it loses somewhat of its original  
color, the margins are always greyish white.



## XXIV. Thongs. Crypt. Algæ.

Oak pales, January, P. Common.

883. Stone Liver-wort. — L. saxatilis. S. D.Tiled, leaves waved, rough, pitted, shields of  
Sowerby. 603. a deep bay color. — Dillenius. XXIV. 83.

Oak pales, January, P. Common.

884. Wall Liver-wort. — L. muralis.Shields green yellow, changing to full yellow,  
border paler, crust greenish, with a  
tinge of yellow, somewhat tiled. — (With-  
ering.) Hoffman. Enum. Lich. XI. 1.

Sowerby. 1695.

Walls, January, P. Rare.

Oakley Church-yard.

885. Starry Liver-wort. — L. stellaris.Tiled, leaflets oblong, jagged, narrow, ash-  
colored, shields blackish-brown. — Dillenius.  
XXIV. 70.

Sowerby. 1697.

Trees, March, P. Common.

886. Channel'd Liver-wort. — L. calicaris.Leafy, upright, strap-shaped, branched, pit-  
ted, convex, ending in a point. — Dillenius.  
XXIII. 62. Sowerby. 890. fastigiatus.

Trees, January, P. Common.

887. Rose Liver-wort. — L. caperatus. S. D.Pale green, wrinkled, waved at the edge. —  
Dillenius. XXV. 97. Sowerby. 654.

Trees,

\* 883. Bordered Liverwort L. limitatus.Crust nearly ashcolor, shields black,  
enclosed by a serpentine line.

Hoffmann her. Floræ.

Hoffman Enum. Lich. V. 3.

Bark of trees, all the Year. Common.

Obs:

This differs essentially from the L. saxatilis  
guianensis with which it has been too  
much confounded, in not being red within  
and the fructifications being more shieldlike.\* 885. Grey shielded Liverwort. L. pulverulentus.Tiled, leaflets lobed, scalloped, blunt, green,  
sprinkled with pollen, shields black, with  
scalloped margins. Sibthorpe page. 325

Dillenius. XXIV. 71.

Trunks of trees. Nov? Common.

Obs:

The permanency of this variety, for some  
will not admit it to be a species  
requires from the Botanist something  
more than a transient observation  
and I am persuaded that when the  
Student shall have contrasted the  
universally grey tint of this plant with  
the deeper black of the stellaris, he  
will pronounce it to be distinct —



## XXIV. Thongs. Crypt. Algæ.

Trees, January, P. Rare.

Everton, — Eversholt.

888. *Self-colored Liver-wort.* — *L. concolor.* S. D. sent  
Shields reddish-yellow, foliage yellow, leaves  
minute, upright, crowded, curled. — (With-  
ering.) Dickson. IX. 8. Sowerby. 1794.

Trees, May, P. Rare.

Milton-Ernys.

889. *Fringed Liver-wort.* — *L. ciliaris.*

Leafy, somewhat upright, segments strap-  
shaped, fringed, shields on fruitstalks, scol-  
loped. — Dillenius. XX. 45. Sowerby. 1352.

Trees, January, P. Common.

Obs:

Small branches fringed.

890. *Little-horned Liver-wort.* — *L. cornicu-  
latus.*

Leafy, somewhat upright, somewhat pitted,  
smooth, segments narrow, ending in small  
horns. — Dillenius. XXI. 54.

Trees, January, P. Common.

891. *Mealy Liver-wort.* — *L. farinaceus.*

Leafy, upright, flat, branched, mealy, with  
warted edges. — Dillenius. XXXIII. 63. Sowerby. 889.

Trees, January, P. Common.

M m

Asb

The margins of the shields sometimes  
complete, but they often go off to powder  
and render the border indistinct —

Dgl. Obs.  
This in a fructifying state  
grows on the trunk and branches  
of "Salix latifolia rotunda" Ray, the  
tree that nourishes the Larva of Pap. Iris  
The branches by its growing in great  
profusion exhibit a most grotesque appearance  
looking like <sup>so many</sup> a gorty limbs and nearly  
equalling the whole trunk of the Salix  
in size



## XXIV. Thongs. Crypt. Algæ.

892. *Asb Liver-wort*. — *L. fraxineus*.

Leafy, upright, oblong, spear-shaped, pitted, smooth, shields on short fruitstalks. — Dillenius. XXII. 59.

Trees, December, P. Common.

893. *Least Liver-wort*. — *L. tenellus*.

Shields dark-brown, nearly sitting, leaves grey-green, segments blunt, nearly upright, fringed, the ends tubular, when old. — Dillenius. XX. 46. **Sowerby. 1351.**

Trees, January, A. Common.

894. *Bat's-wing Liver-wort*. — *L. nigrescens*.

Leafy, skinny, roundish, lobed, wrinkled, blackish-green, shields crowded, reddish. — Sowerby. 345.

Willows, October, A. Rare.

Clapham, — Kempston.

Obs :

There are no shields ever found on our plants.

895. *Black-thorn Liver-wort*. — *L. prunastri*.

Leafy, rather upright, pitted, white and downy underneath. — Dillenius. XXI. 55.

Trees, January, P. Common.

Obs :

Shields terminal, paler than the leaves, brown with age.

Lung-wort.

Sowerby. 859.

\*894. *Handshaped Liverwort*. *L. palmatus*.

Leaves  
Saucers tawny, foliage, purplish seagreen,  
transparent, rather jelly-like, tender  
scalloped and indistinctly handshaped.

Dillenius XIX. 30.

Heaths. June. Sep? Rare.

Amphill Heath.



XXIV. Thongs. Crypt. Alga.

896. Lung-wort. — L. pulmonarius.  
Leafy, jagged, blunt, smooth, pitted above,  
downy underneath. — Dillenius. XXIX.  
113. Sowerby. 572.  
Trees, January, P. Rare.

Maulden Wood.

\*\*\*\*\*  
Leathery, bearing targets.

897. Thrush Liver-wort. — L. aphosus.  
Leathery, creeping, lobed, blunt, flat, with  
scattered warts, target on the edge, ascen-  
ding. — Dillenius. XXVIII. 106.

Woods, January, P. Rare.

Amptbill, — Maulden.

898. Dog's Liver-wort. — L. caninus.  
Leathery, creeping, lobed, blunt, flat, veiny  
underneath, woolly, target on the edge, as-  
cending. — Dillenius. XXVII. 102.

Pastures, January, P. Common.

899. Flat-shield Liver-wort. — L. horizontalis.  
Leathery, creeping, flat, not veiny under-  
neath, targets on the edge, horizontal. —  
Dillenius. XXVIII. 104. Sowerby. 888.

Heaths, Woods, January, P. Rare.

Clopbill, — Sheerhatch.

M m 2 \*\*\*\*\* Shaped

899. Tremella Liverwort. L. Tremella.

Saucers red brown, numerous, minute  
leaves dark brown, pellucid, crisp, thin  
notched.

Dillenius XIX. 31.

Amongst Mopes. April. P. Rare.

Bramham House Moat.



XXIV. Thongs. Crypt. Algæ.

\*\*\*\*\* Shaped like a drinking glass.

900. *Cup Liver-wort.* — *L. pyxidatus.*

Sowerby. 1393.

Cup-bearing, simple, finely scolloped, tubercles brown. — Dillenius. XIV. 6. A. B.

Walls, Heaths, January, P. Common.

901. *Tuberculated Liver-wort.* — *L. tuberculatus.*

Cup-bearing, simple, finely scolloped, tubercles brown, sitting on the borders of the cups. — Dillenius. XIV. 6. C. K. L. M.

Walls, Heaths, January, P. Common.

902. *Fringed Liver-wort.* — *L. fimbriatus.*

Cup-bearing, simple, finely toothed, stalk of the fruit cylindrical. — Dillenius. XIV. 8.

Heaths, January, P. Rare.

*Amptbill, — Sandy.*

903. *Cornucopia Liver-wort.* — *L. cornucopioides.*

Cup-bearing, simple, shorter than the leaf, tubercles scarlet. — Dillenius. XIV. 9.

Heaths, July, P. Rare.

*Amptbill.*

904. *Trumpet Liver-wort.* — *L. filiformis.*

Cup-bearing, simple, very entire, thread-shaped, tubercles brown. — Dillenius. XIV. 10.

Heaths,

XXIV. Thongs. Crypt. Algæ.

Heaths, Woods, January, P. Common.

900. *Cup Liver-wort.* — *L. pyxidatus.*

Cup-bearing, simple, finely scolloped, tubercles brown. — Dillenius. XIV. 6. A. B.

Walls, Heaths, January, P. Common.

901. *Tuberculated Liver-wort.* — *L. tuberculatus.*

Cup-bearing, simple, finely scolloped, tubercles brown, sitting on the borders of the cups. — Dillenius. XIV. 6. C. K. L. M.

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Cup-bearing, simple, finely toothed, stalk of the fruit cylindrical. — Dillenius. XIV. 8.

Heaths, January, P. Rare.

*Amptbill, — Sandy.*

903. *Cornucopia Liver-wort.* — *L. cornucopioides.*

Cup-bearing, simple, shorter than the leaf, tubercles scarlet. — Dillenius. XIV. 9.

Heaths, July, P. Rare.

*Amptbill.*

904. *Trumpet Liver-wort.* — *L. filiformis.*

Cup-bearing, simple, very entire, thread-shaped, tubercles brown. — Dillenius. XIV. 10.

Heaths,

*[Faint handwritten notes and bleed-through from the reverse side of the page.]*



XXIV. Thongs. Crypt. Algæ.

Heaths, Woods, January, P. Common.

Obs :

Cups very fine, truly thread shaped.

905. Elk's horn Liver-wort. — *L. alcicornis*.

Leaves nearly upright, jagged, curled, bearing cups, cups at first very short, conical and simple: afterwards proliferous, with black tubercles.—Dillenius. XIV. 12. A. B.

Heaths, January, P. Common. **Sowerby. 1392.**

906. Scarlet Liver-wort. — *L. cocciferus*.

Cup-bearing, simple, very entire, stem cylindrical, tubercles scarlet.—Dillenius. XIV. 7.

Heaths, January, P. Common.

Obs :

Cups as if tipped with red sealing wax.

907. Horned Liver-wort. — *L. cornutus*.

Cup-bearing, nearly simple, rather bellying, cups entire. — Dillenius. XV. 14.

Hills, January, P. Rare.

Barton Hill.

908. Rein-deer Liver-wort. — *L. rangiferinus*.

Shrubby, perforated, very much branched, branches nodding. — Sowerby. 173.

Heaths, Woods, January, P. Common.

Obs :

Small branches fistulous.

Short

\* 900. Prickly Liverwort. *L. hispidus*.

Saucers red brown bordered, terminating plant firm, branched, branches diverging, flattish, corners obtuse, points forked pointed Dillenius. XVII. 31.

Heaths March, June. Rare

Amphithe Heath.



## XXIV. Thongs. Crypt. Algæ.

909. *Short Liver-wort.* — *L. uncialis.*  
 Shrubby, perforated, small branches very  
 short, pointed. — Sowerby. 174.  
 Heaths, January, P. Rare.

*Amptbill.*

*Obs :*

*Barren shoots acute, fertile ones blunt.*

\*\*\*\*\* Branches hair-like.

910. *Hairy Liver-wort.* — *L. hirtus.*  
 Thread-like, very much branched, upright,  
 tubercles mealy, scattered. — Dillenius.  
 XIII. 12. **Sowerby. 1354.**  
 Old Rails, January, P. Common.

911. *Wiry Liver-wort.* — *L. jubatus.*  
 Thread-like, branched, somewhat hanging  
 down, between matted and zigzag, wings of  
 the shoots compressed. — Dillenius. XII. 7.  
 Park Pales, January, P. Rare.

*Amptbill.*

*Obs :*

*Plant like the tail of a horse in miniature.*

*Star-jelly.* TREMELLA.

Fructifications scarcely visible, situated in a  
 gelatinous substance.

912. *Brain-like Star-jelly.* — *T. albida.*

Sitting,



\*913 *Tremella Sabina*.  
Sowerby.  
~~Eng. Botany.~~ tab. 710.

On *Savine*, Oakley Plantations  
behind the house —

914

Substance of the nature of wax  
plaited into various shapes.

XXIV. Thongs. Crypt. Algæ.

Sitting, jelly-like, of various shapes, whitish. — Bulliard. 386.

Fallen branches of trees, October, A. Common.

Obs:

Plant white when young, when old brownish black.

913. *Tree Star-jelly*. — *T. arborca*.

Sitting, roundish, waved, black. — Dillenius. X. 15.

Fallen branches of trees, October, A. Common.

Obs:

The whole surface studded with very black tubercles.

914. *Yellow Star-jelly*. — *T. mesenterica*.

Sitting, membranaceous, jelly-like, crowded, waved, yellow. — Jacquin. Misc. Aust. I.

13. Sowerby. 709.

Pales, Stumps, &c. September, A. Rare.

Amptbill, — Warden.

915. *Common Star-jelly*. — *T. Nostoc*.

Sitting, roundish, plaited, waved, brownish-green. — Sowerby. 461.

Pastures after rain, August, A. Common.

916. *Violet Star-jelly*. — *T. violacea*.

Sitting, jelly-like, wrinkled, violet-colored, smooth underneath.

Fallen



## XXIV. Thongs. Crypt. Algæ.

Fallen branches of trees, September, A.  
Common.

*Obs :*

*Like the tartar of red wine.*

917. *Blackish Star-jelly.* — *T. nigricans.* **S.D.**

Fleshy, thickish, with a very irregular surface, at first scarlet, afterwards black. —  
Bulliard. 455. 1.

Stumps, September, A. Rare.

*Southill,—Clophill,—Amptbill.*

918. *Ruddy Star-jelly.* — *T. cinnabarina.*

Jelly-like, fleshy, surface smooth, reddish. —  
Bulliard. 455. 2.

Pales, October, A. Rare.

*Amptbill Park.*

*Obs :*

*Plant sitting, hemispherical, at first soft, afterwards gristly.*

919. *Deliquescent Star-jelly.* — *T. deliquescens.*

Nearly round, sitting, jelly-like, deliquescent, smooth, yellow. — (*Sibthorpe.*) Bulliard.  
455. 3.

Stumps, November, A. Common.

*Obs :*

*Like the gum that exsudes from injured trees.*

920. *Glandulous Star-jelly.* — *S. glandulosa.*

Jelly-like,



## XXIV. Thongs. Crypt. Algæ.

Jelly-like, roundish, cushion-shaped, brownish-black, entire, surface breast-shaped. — Bulliard. 420. 1.

Fallen branches of trees, December, A. Common.

921. *Charcoal Star-jelly*. — *T. carbonaria*. **S.D.**

Burnt, small, in vascular substances. — Bulliard. 420. 2.

On decayed Lemons, Winter, A. Common.

*Obs :*

*Small globular substances arising from membranaceous cells.*

*Laver.* ULVA.

Fructification in a transparent membrane, watery.

922. *Gut Laver*. — *U. intestinalis*.

Tubular, simple, membranaceous, green. — Dillenius. IX. 7.

Rivers, Ditches, May, A. Common.

923. *Curled Laver*. — *U. crispa*.

On the ground, very tender, green, curled. — Dillenius. X. 12.

Stones, January, A. Rare.

*Elstow.*

N n

*Plumb*



## XXIV. Thongs. Crypt. Algæ.

924. *Plumb Laver*. — U. pruniformis. S. D.

Roundish, single, succulent within. — Weigers obs. II. 4. Sowerby. 960.

On Moss, October, A. Rare.

*On the Bath at Wrest Park.*

Obs:

*Green, not bigger than a Sloe.**River-weed*. CONFERVA. Gen. Pl. 1672.

Fibres simple, uniform, fine as a hair, thread-like.

925. *Cotton Conferva*. — C. bullosa.

Threads equal, branched, matted, inclosing bubbles of air. — Dillenius. III. 11.

Ditches, March, A. Common.

926. *River Conferva*. — C. rivularis.

Threads very simple, equal, very long. —

Dillenius. II. 1. Sowerby. 1654.

Ditches, January, P. Common.

Obs:

*Plant floating, silky.*927. *Mill Conferva*. — C. canalicularis. S. D.

Threads equal, more branched towards the base. — Dillenius. IV. 15.

Mill-ponds, January, P. Common.

Obs:

*Threads 3 to 4 inches long, branches matted.**Amphibious**due to  
for weigers read  
weigel.**Phascum multicausulare**Molehills near**Clapham Springs**March 29. 1799*



## XXIV. Thongs. Crypt. Algæ.

928. *Amphibious Conferva.* — *C. amphibia.* **SD.**

Threads equal, branched, when dry uniting into points like prickles. — Dillenius. IV.

17.

Damp Walls, January, P. Rare.

*Luton Hooe.*

*Obs :*

*It forms a kind of skin over the mould with it's very numerous small fibres.*

929. *Frog-spawn Conferva.* — *C. gelatinosa.*

Threads branched, necklace-shaped, joints round, jelly-like. — Dillenius. VII. 42. **Sowerby. 609.**

Springs, January, A. Rare.

*Eversholt.*

930. *Net Conferva.* — *C. reticulata.*

Threads net-like, uniting together. — Dillenius. IV. 14. **Sowerby. 1687.**

Ditches, May, A. Rare.

*Woburn,—Aspley.*

*Obs :*

*Threads branching in various directions, composing a net.*

931. *Clustered Conferva.* — *C. glomerata.*

Threads jointed, very much branched, little branches very short, in many divisions. —

Dillenius. V. 31.

N n 2

Springs,



## XXIV. Thongs. Crypt. Algæ.

Springs, April, A. Rare.

*Eversholt.*

*Obs :*

*Midrib thicker than the other parts.*

*Byssus.* BYSSUS. Gen. Pl. 1673.

Fibres simple, downy.

932. *Paper Byssus.* — *B. flos aquæ.*

Threads feathery, floating.

Stagnant Waters, May, A. Common.

*Obs :*

*In a dry state very like coarse whitey-brown paper.*

933. *Violet Byssus.* — *B. phosphorea.*

Downy, violet colored, adhering to wood. —

Dillenius. I. 6.

Stumps, October, A. Common.

*Obs :*

*Plant velvety, extremely grand when viewed in sunshine.*

934. *Velvet Byssus.* — *B. velutina.*

Hair-like, green, threads branched. — Dillenius. I. 14.

On the ground, October, A. Common.

*Obs :*

*Unless seen with a magnifier, this plant has the appearance of some of the smaller mosses.*

935. *Golden Byssus.* — *B. aurea.*

Hair-like,

## XXIV. Thongs. Crypt. Algæ.

Hair-like, powdery, fructification curled, threads simple and branched. — Dillenius. I. 14. Sowerby 222.

On Rocks, January, P. Rare.

*Eurus Hill.*

*Obs :*

936. *Yellow Byssus.* — *B. flos aquæ.*

Threads branched, tawny. — Dillenius. I. 14.

Fallen branches of trees, January, P. Common.

937. *White Byssus.* — *B. candida.*

Threads very much branched, small branches bundled, whitish. — Ray's Synopsis. XXIII.

Rocks, wood, September, A. Common.

938. *Green Byssus.* — *B. viridis.*

Hair-like, very soft, parallel, very brittle, pale. — Dillenius. I. 9.

Collins, December, P. Common.

939. *Yellow Byssus.* — *B. flos aquæ.*

Powdery, yellow, growing upon wood. — Dillenius. I. 14.

Bank of trees, September, A. Common.



## XXIV. Thongs. Crypt. Algæ.

Hair-like, powdery, fructifications scattered,  
threads simple and branched. — Dillenius.  
I. 16. *Sowerby*. 212.

On Roots, January, P. Rare.

*Barton Hill.*

*Obs :*

*When fresh, golden ; when dry, pale-green.*

936. *Tawny Byssus*. — *B. fulva*.

Threads branched, tawny. — Dillenius. I. 17.  
Fallen branches of trees, January, P. Com-  
mon.

937. *White Byssus*. — *B. candida*.

Threads very much branched, small branches  
bundled, whitish. — Ray's Synopsis. XXIII.  
Rotten wood, September, A. Common.

938. *Flaky Byssus*. — *B. septica*.

Hair-like, very soft, parallel, very brittle,  
pale. — Dillenius. I. 9.

Cellars, December, P. Common.

939. *Yellow Byssus*. — *B. candelaris*. *S.D.* *Sent*

Powdery, yellow, growing upon wood. —  
Dillenius. I. 4.

Bark of Trees, September, A. Common.

*Obs :*

*Different from the Lichen candelarius.*

*Mealy*



## XXIV. Thongs. Crypt. Algæ.

940. *Mealy Byssus*. — *B. incana*. *S.D.**Gowerby. 1603.* Powdery, mealy. — Dillenius. I. 3?  
Trees, October, A. Common.

## XXIV. Mushrooms. Crypt. Fungi.

*Merulius*.

Cap with veins underneath of the same substance with the rest of the plant.

941. *Minute Merulius*. — *M. squamula*.

Cap convex, flattish, white, with some indistinct wrinkles, radiate on the under side, stem very tender, between awl and bristle-shaped. — Batsch. 84. E. Fungi. 93.

Woods, on poplar leaves, October, A. Rare.

*Clapham Park & Renbold Woods.**Obs :**Beneath the cap instead of gills there are only from 3 to 5 irregular plaits.*942. *Clove Merulius*. — *M. caryophylleus*.

Sitting, concave, shaggy, edge scolloped and waved, veins branched underneath. — Batsch.

*E. Fungi. 213.* 121. Schæffer. 325. *Sowerby. ?*

Fir Groves, September, A. Rare.

*Amptbill, — Warden.**Obs :**Plant dark cinnamon-colored, tiled, edges feathery.**Chanterelle*



\* Moss Merulius. *M. muscigenus*  
Gills.

Stem lateral, thick, short: cap semicircular,  
pale brown, gills branched. withering.

Bulliard 288.

On *Hypnum sericeum* on walls  
October. Rare.

Hapssett's Walls

Obs.:  
The border of this is not waved  
and curled as in the preceding,  
cap like the bowl of a spoon  
inverted —

## XXIV. Mushrooms. Crypt. Fungi.

943. *Chanterelle*. — *M. chantarellus*.

On a stem, cap irregularly funnel-shaped,  
orange-colored, veins branched, anastomo-  
sing, stem flattish, of the same color. — E.  
Fungi. 46. excellent.

Woods, July, A. Common.

Obs:

Stem tapering at the base.

944. *Skinny Merulius*. — *M. membranaceus*.

Sitting, membranaceous, smooth, lobed, cur-  
led at the edge, veins on the underside  
branched. — Bulliard. 498. 1.

Fir Groves, on Moss, January, A. Rare.

Amptbill Park. — Hapssett's Walls —

Obs:

Cap very irregular, with a border much waved and uncom-  
monly curled, veins like net-work.

*Agaric*. AGARICUS. Gen. Pl. 1674.

Mushroom horizontal, with gills underneath.

\* On a stem, solid with decurrent gills.

945. *Stick Agaric*. — *A. ramealis*.

Cap convex, white, stem white. — Bulliard.

336.

Small hazel sticks, October, Common.

Obs:

Hazel branches, where they shoot out from the old stumps,  
are almost entirely covered with this species.

Ivory



## XXIV. Mushrooms. Crypt. Fungi.

946. Ivory Agaric. — *A. eburneus*.Snowy-white, gills in pairs, stem short. —  
E. Fungi. 32. excellent.

Hills, Heaths, September, Common.

Obs:

*Cap in it's old age irregular: when young, hemispherical.*947. Drinking-glass Agaric. — *A. cyathiformis*.Cap shaped like a drinking-glass, white, stem  
of the same color. — Bulliard. 248.

Fir Groves, September, Rare.

*Amptbill, — Maulden.*

Obs:

*Stem zigzag, cap pale brown.*948. Funnel Agaric. — *A. infundibuliformis*.Cap funnel-shaped, waved, stem thickening  
upwards. — Bulliard. 286. ~~E. Fungi. 486.~~

Fir Groves, November, Common.

Obs:

*Cap brown, leather-like, stem and gills of the same color.*949. Pestle Agaric. — *A. pistillaris*.Gills whitish, in pairs, very short, cap whi-  
tish, convex, stem of the same color, conical,  
bent inwards. — Batsch. 62.

Roots

\* 946. Deep buff agaric — *A. miniatus*.Gills in pairs, stem tapering, caps  
deep buff colour. — L. Fungi. 141.

Barren Heaths — October — Rare.

Amptbill Clapham Springs

Obs:

Caps often turning up, and sometimes  
proliferous, splitting at the edge.\* 948 Lobed Agaric *A. lobatus*.Cap lobed, cracking, deep bay,  
center darker, gills uniform  
greyish brown, stem twisted.

L. Fungi. 106.

September  
Pastures. November, Rare.Houghton-Conquest —

Obs:

Hunts generally larger than in  
Mr. Lowery's figures.



\* 950. Turfstack Agaric. *A. turfusus.*  
brown

Cap with concentric zones, gills plate-like  
anastomosing, stem fawn colour.

*F. Fungi* 210.

On Heaths where turfstacks have stood  
Winter Rare

Amphithe

Obs:

The zones on the cap are indistinct,  
the cap itself cupping up so as  
to give it the appearance of a *Perizoa*  
indeed it is not impossible but that  
upon a revision it may be re:  
moved to another genus.

XXIV. Mushrooms. Crypt. Fungi.

Roots of Trees, Winter, Common.

Obs:

Stem not upright.

950. Cheese Agaric. — *A. caseus.*

Cap pale-grey, margin turned in, gills whi-  
tish, stem cylindrical, thickening down-  
wards. — *E. Fungi*. 61. excellent. Bul-  
liard. 400.

Woods, Autumn, Common.

Obs:

Cap at first conical, when in perfection funnel-shaped.

951. Lister's Agaric. — *A. Listeri.*

Gills whitish, mostly regular, very thickly  
set and narrow, cap white, smooth, irregu-  
lar, flattish, center flatted, stem white,  
not central, cylindrical. — Bulliard. 300.

Woods, September, Rare. *E. Fungi*. ~~245~~ 245.

Clapham Park Wood, — Silsoe.

Obs:

The plant is full of an highly acrid juice.

952. Fragrant Agaric. — *A. fragrans.*

Gills brown-white, 4 in a set, cap brown-  
white, semi-transparent, stem brown-white.  
(*Withering.*) *E. Fungi*. 10. excellent.

O e

Under



## XXIV. Mushrooms. Crypt. Fungi.

Under Chesnuts, October, Rare.

*Silsoe.*953. *Umbrella Agaric.* — *A. Umbraculum.*

Cap expanded, stem twisted, ash-colored above, brown below, gills 4 in a set. —

Batsch. II. 4.

Stumps, September, Rare.

*Bromham.**Obs:**Stem twisted upwards, channelled downwards.*954. *Milky Agaric.* — *A. lactifluus.*

Cap nearly expanded, but having a central point, nearly brown, gill and stem of the same color. — Bulliard. 224.

***E. Fungi.* 204.**

Woods, August, Common.

*Obs:**Stem slanting, milk not acrid.*955. *Amethystine Agaric.* — *A. amethystinus.*

Cap nearly bell-shaped, smooth, stem and gills violet-blue. — Bulliard. 198.

***E. Fungi.* 187.**

Woods, September, Common.

*Obs:**The whole plant amethystine.*956. *Heath Agaric.* — *A. ericeus.*

Cap



\* 957.

Delicious Agaric. *A. deliciosus.*

Cap rather undulating, Zoned. rich red brown, gills flame coloured

Stem <sup>watery:</sup> orange

Sowerby. 202.

Woods & Hills. October, Common

Obs:

Gills distinct where they set off from the cap, branching twice before they reach the margin —

XXIV. Mushrooms. Crypt. Fungi.

Cap white, clammy, margin thin, stem of the same color. — Bulliard. 188.

Heaths, October, Common.

Obs:

Stem obversely conical, bluntish.

957. *Biting Agaric.* — *A. piperatus.*

Gills pale, 2 in a set, cap yellowish-white, woolly, center flatted, stem pale-yellow.

Woods, September, Rare.

Silsoe.

Obs:

The plant abounds with an highly acrid milky fluid.

958. *Bluish-red Agaric.* — *A. livido-rubescens.* **SD.**

Stiff, brittle, pithy, milky, ashy-livid, cap brownish, spotted, stem whiter, gills very pale-yellow. — Batsch. 202.

Fir Groves, October, Common.

Obs:

Stem solid only above, with a singular hollowness in the lower part.

959. *Glutinous Agaric.* — *A. velatus.*

Cap brownish red, flattish, gills dirty white, few, 4 in a set, stem cylindrical. — E. Fungi. 7. excellent.

Fir Groves, September, Rare.



## XXIV. Mushrooms. Crypt. Fungi.

Warden,—Southill.

Obs: —

Cap generally dark-brown.

960. Slimy Agaric. — *A. limacinus*.

Gills dirty-watery-white, not numerous, 4 in a set, cap pinky-brown, nearly flat, edge turned down, stem buff, tapering downwards. — E. Fungi. 8.

Fir Groves, October, Rare.

Warden.

961. Yellow Agaric. — *A. sulphureus*.

Cap at first convex, then flattened, brimstone-colored, gills of the same color. — E. Fungi. 44.

Woods, October, Rare.

Silsoe,—Warden.

Obs: —

The whole plant of the same color, border of the cap uneven.

962. Black-stalked Agaric. — *A. androsaceus*.

White, cap skinny, plaited, stem black.—E. Fungi. 94.

Woods, October, Common.

Obs: —

Stem not quite straight, darkish brown.

963. Woolly-edged Agaric. — *A. contiguus*.

Cap



## XXIV. Mushrooms. Crypt. Fungi.

Cap brownish-red, smooth, brim turned in, woolly, gills narrow, thickish, branched, pale yellow. — E. Fungi. 56.

Fir Groves, September, Common.

Obs:

Stem very short in proportion to the size of the plant.

964. *Ruddy Agaric.* — *A. rutilus.*

Cap rather conical, ruddy, gills reddish, leather-like, 2 in a set, stem red, bent at the base. — Schæffer. 55. **E. Fungi. 105.**  
Fir Groves, October, Common.

Obs:

The whole exterior surface of the plant nearly of the same color.

965. *Small Orange Agaric.* — *A. fibula.*

Cap orange, scored, gills orange, in pairs, stem orange. — E. Fungi. 45.

Amongst Moss, August, Common.

Obs:

Cap dimpled in the center.

966. *Spangled Agaric.* — *A. micaceus.*

Cap bluntly conical, point brown, gills greyish-black, crowded. — Bulliard. 246. excellent.

Banks, Autumn, Common.

Obs:



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*Obs:*  
Plant in decay dissolving into an ink-like liquor, when young  
ovate, in old age very ragged.

967. Elm Agaric. — *A. ulmarius*.

Cap pale-yellow, gills white, irregular, stem  
short, thick, twisted, of the same color. —  
E. Fungi. 67.

Sides of Elms, Autumn, Rare.

*Ravensden.*

*Obs:*  
The cap by the cracking of the flesh has the appearance of  
net-work. Stem thickening downwards.

968. Gilliflower Agaric. — *A. odorus*.

Gills white, 8 in a set, cap glaucous-green,  
nearly flat, stem white, cylindrical. — E.  
Fungi. 42.

Fir Groves, October, Rare.

*Warden.*

969. Confluent Agaric. — *A. confluens*.

Cap funnel-shaped, deep-brown, gills watery-  
brown, stem tapering downwards, of the  
same color. — E. Fungi. 168.

Woods, October, Rare.

*Clapham Park Wood.*

*Obs:*

The plant grows in large clusters from one spindle-shaped  
root with caps incorporating.

*Meadow*

*trifarium*



## XXIV. Mushrooms. Crypt. Fungi.

970. *Meadow Agaric.* — *A. elixus.*

Cap uneven, dark-brown in the center, lighter towards the margin, stem leaning, gills watery-white. — E. Fungi. 172.

Meadows, Autumn, Common.

\* \* On a stem, gills solid and fixed.

971. *Broad-gilled Agaric.* — *A. araneosus.*

Cap conical, cracking, gills broad, 4 in a set, stem brownish, ring fugacious. — Bulliard.

431.

Under Willows, Autumn, Common.

Obs :

Cap turned up in an advanced state, seldom entire.

972. *Goat Agaric.* — *A. Cossus.*

Cap conical, glutinous, white, shining, gills watery-white, stem of the same color, leaning. — E. Fungi. 121.

Woods, October, Common.

973. *Cesar's Agaric.* — *A. xerampelinus.*

Gills golden-yellow, 4 in a set, cap fine red with shades of buff, stem buff, tapering upwards. — E. Fungi. 31.

Fir Groves, Autumn, Rare.

Warden, — Amptbill.

Dove

971 \* Spaque Agaric. *A. opacus.*

Cap color of whitewash, almost flat

Gills 2 or 4 in a set, stem

Stem of the same color, pith brown.

Plantations October, Rare

Clophill. 1799. J.H.



## XXIV. Mushrooms. Crypt. Fungi.

974. *Dove Agaric.* — *A. columbarius.*

Cap conical, lead-color, gills bluish, stem  
lead-color in the middle, whitish at both  
ends. — E. Fungi. 161.

Woods, September, Common.

975. *Saffron Agaric.* — *A. croceus.*

Ochry, cap nearly conical, gills whitish,  
stem shaggy. — E. Fungi. 19.

Fir Groves, October, Rare.

Amptbill, — Warden.

Obs :

Cap ornamented with marginal ochry tufts.

976. *Spindle-stemmed Agaric.* — *A. crassipes.*

Cap brown, changeable, convex, cracking,  
gills brownish, stem grooved, awl-shaped at  
the base, thicker above. — E. Fungi. 129.

Pastures, Autumn, Common.

Obs :

Plants growing in clusters, gills distant, 4 in a set.

977. *Whitish Agaric.* — *A. dealbatus.*

Cap whitish with shades of brown, gills and  
stem watery-brown. — E. Fungi. 123.

Fir Groves, Autumn, Common.

978. *Elephant Agaric.* — *A. elephantinus.*

Cap

## XXV. Mushrooms. Crypt. Fungi.

Cap thick, olive-color, chimney-like  
at top, greenish below, stem with cap in  
one color. — E. Fungi. 161.

Woods, September, Common.

Obs :

979. *Small conical Agaric.* — *A. geophyllum.*

Cap umbilic, brown, gills dark brown, at  
base, stem brownish. — E. Fungi. 124.

Woods, Autumn, Common.

980. *Carpet Agaric.* — *A. glaucopus.*

Gills brown, cap flat, with a narrow  
ring, almost-colored, narrow, brown lined  
in some parts, whitish elsewhere, and with a  
cobweb. — Billiard 96. E. Fungi. 122.

Woods, September, Common.

Obs :

Plants growing in clusters, gills distant, 4 in a set.

981. *Hexagonal Agaric.* — *A. hirsutus.*

Gills buff, cap convex, 4 in a set, cap brown  
colored, convex, acule, stem reddish brown  
at the base. — E. Fungi. 123. excellent.

Fir Groves, October, Rare.

Warden.

Pp



## XXIV. Mushrooms. Crypt. Fungi.

Cap thick, olive-color, clammy, gills 3 in a set, greenish yellow, stem and cap of one color. — E. Fungi. 36.

Woods, November, Common.

Obs:

*The cap of the plant in decay has a black tinge.*

979. *Small conical Agaric.* — *A. geophyllus.*

Cap bluish, conical, gills dirty brown, in pairs, stem brownish. — E. Fungi. 124.

Woods, Autumn, Common.

980. *Cobweb Agaric.* — *A. glaucopus.*

Gills brown, 4 or 8 in a set, cap hemispherical, chesnut-colored, flattish, brim rolled in, stem thick, whitish-pink, ring like a cobweb. — Bulliard. 96. *E. Fungi.* 223.

Woods, September, Common.

Obs:

*Ring fugacious, small particles often adhering to the brims of the cap.*

981. *Fawn-colored Agaric.* — *A. hinnuleus.*

Gills buff, very broad, 4 in a set, cap fawn-colored, convex, mealy, stem reddish brown at the base. — E. Fungi. 173. excellent.

Fir Groves, October, Rare.

Warden.

P p

Crimson



XXIV. Mushrooms. Crypt. Fungi.

982. *Crimson Agaric.* — *A. integer.*

*E. Fungi.* 201. Cap clammy, red, rather convex, all the gills uniform and white. — Batsch. 13.

Woods, September, Common.

*Obs :*

*The cap varies between rose-color, scarlet, yellow and dark brown.*

983. *Fly Agaric.* — *A. muscarius.*

*E. Fungi.*  
206.

Cap blood-colored, warty, warts and gills white, stem bulbous at the base. — ( *Sibthorpe.* ) Bulliard. 122.

Fir Groves, September, Common.

*Obs :*

*Cap splendid, hemispherical, the ring turning back after the expansion of the cap.*

984. *Spanish-snuff Agaric.* — *A. orichalceus.*

Cap clammy, rust-colored in the middle, stem ending in a sharp bulb, ring like a cobweb, rust-colored as well as the gills which are elongated, stem bulbous, livid, yellowish, or very pale-green. — Batsch. 184.

Fir Groves, Autumn, Rare.

*Amptbill.*

*Obs :*

*All the cap (except the brim) rust-colored.*

*Spatterdash*



## XXIV. Mushrooms. Crypt. Fungi.

985. *Spatterdash Agaric.* — *A. peronatus.*

Cap hemispherical, nearly transparent, gills straw-color, stem thickening downwards, woolly. — (*Sibthorpe.*) E. Fungi. 37.

Fir Groves, Woods, October, Rare.

Clophill, — Maulden.

Obs:

Stem clothed half way up with yellow wool.

986. *Cracking Agaric.* — *A. rimosus.*

Gills olive-brown, 2 or 4 in a set, cap striped, reddish-brown and yellow, conical, bossed, stem yellowish-white, cylindrical. — (*Withering.*) Bulliard. 388.

Woods, August, Common.

987. *Sattiny Agaric.* — *A. rufus.*

Gills tawny, not in a regular series, cap dark-brown, glossy, stem red-brown. — Bulliard. 526.

Fields, September, Common.

988. *Stump Agaric.* — *A. stipitis.*

Cap pale-brown, center darker, woolly, gills 4 in a set, white, stem brownish-grey, bulbous at the base, ring white. — (*Withering.*) E. Fungi. 101.

Stumps of trees, Autumn, Common.

P p 2

Obs:



## XXIV. Mushrooms. Crypt. Fungi.

Obs :

*Cap cracking, ring permanent.*989. *Sordid Agaric.* — *A. sordidus.*

Gills and cap livid-brown, center dimpled,  
brim bent downwards, stem thicker at the  
base. — (*Dickson.*) *Dickson. I. III. 1.*

Fir Groves, October, Rare.

Warden, — *Amptbill.*

Obs :

*Cap fixed slopingly on the stem.*990. *Earthy Agaric.* — *A. terreus.*

Cap convex, brittle, ashy-black, gills white,  
stem white, not central. — *E. Fungi. 76.*

Woods, Heaths, October, Common.

Obs :

*Stem not upright, twisted, cap splitting.*991. *Warty Agaric.* — *A. verrucosus.*

Cap convex, ash-colored, warty, warts and  
gills white, stem bulbous at the base. —

(*Hudson.*) *Curtis. V. 72.*

Woods, September, Common.

Obs :

*Cap brownish, warts crowded.*992. *Green Agaric.* — *A. viridis.*

Gills white, fleshy, 4 in a set, cap bluish-  
green, stem cylindrical, whitish. — (*With-  
ering.*) *Bolton. 12.*

Fir



## XXIV. Mushrooms. Crypt. Fungi.

Fir Groves, Woods, August, Rare.

*Clophill, — Warden.**Obs:**Cap greyish-blue, stem without any ring.*993. *Smuff Agaric.* — *A. violaceus.*Cap cracking, brim violet, woolly, stem blue-  
ish, with rust-colored wool. — Bulliard. 250. **E Fungi 209**

Woods, October, Common.

*Obs:**Brim turned inwards, gills 8 in a set, many, splendid violet.*994. *Fetid Agaric.* — *A. graveolens.* **SD.** *sent*Gills white, very numerous, irregular, cap  
white, stem of the same color, tapering. —Bulliard. 585. **E. Fungi. 201.**

Pastures, May, Rare.

*Amptbill Park, — Thurleigh.*

\* \* \* On a stem, gills solid and loose.

995. *White Agaric.* — *A. albus.*Gills white, many, 4 in a set, cap white,  
bluntly conical, brown at the point, stem  
white, tapering upwards. — Bulliard. 256.

Woods, Pastures, November, Common.

*Obs:**Root tuberous.**Bulbous*



## XXIV. Mushrooms. Crypt. Fungi.

996. *Bulbous Agaric.* — *A. bulbosus.*

Cap hemispherical, glossy, glutinous, white, stem bulbous, of the same color, ring permanent. — Bolton. 48.

Woods, October, Rare.

*Silsoe.*

*Obs:*

Cap yellowish-green, quite smooth and free from warts.

997. *Common Agaric.* — *A. campestris.*

Cap convex, scaly, whitish, gills red. — Bulliard. 134. 514. *E. Fungi.* 305.

Pastures, September, Common.

998. *Nail Agaric.* — *A. clavus.*

Gills white, in pairs, cap dimpled, pale-orange, stem of the same color. — Bulliard. 148. B. C. D.

Amongst Moss, July, Common.

*Obs:*

Stem leaning.

999. *Smear'd Agaric.* — *A. collinitus.*

Cap bright-bay, conical, gills covered with a veil of gluten, stem whitish, scurfy. —

*E. Fungi.* 9.

Fir Groves, Autumn, Rare.

Warden, — Amptbill.

Wafcr

\*996. *Fishy Agaric.* *A. vaginatus.*

Cap horizontal, gills white

Stem scarcely annulated, thickening downwards —

Bulliard. f.

*Obs:*

Pastures. September. ~~1000.~~ 1000. Elston.

*Obs:*

Smells like stinking fish.

\*997. *S. George's Agaric.* *A. georgii.*

Cap convex, scaly, brownish white, gills brownish red, border cracking.

*E. Fungi.* 304.

Under ledges about S. George's Day.

*Obs:*

Common.

Flesh more spongy than in the *Campestris*, gills less red, the pileus has been known to exceed 18 inches in diameter —



\*1001

Bay Agaric. *A. collinites*

*[Faint handwritten notes and bleed-through from the reverse side of the page]*

XXIV: Mushrooms. Crypt. Fungi.

1000. *Wafer Agaric.* — *A. crustuliniformis.*  
Gills brown-red, cap red-buff, whitish at the edge, convex, stem white, scurfy. — Bulliard. 308. 546.  
Copses, September, Rare.  
*Putnoe.*

1001. *Lurid Agaric.* — *A. luridus.*  
Gills blue-grey, numerous, uniform, cap dirty-olive-brown, slimy, bluntly conical, brim irregularly lobed: stem dirty-olive-brown, bent inwards. — ( *Withering* ) Bolton. 25.  
Fir Groves, Autumn, Rare.  
*Amptbill.*

*Obs:*  
The gills approach the stem, but are not fixed to it.

1002. *Parasitical Agaric.* — *A. lycoperdonoides.*  
Cap pill-shaped, branny, gills 18 to 20, very entire. — Bulliard. 166.  
On rotten Agarics, Autumn, Rare.  
*Silsoe.*

*Obs:*  
Flesh rather firm, taking up almost the whole head of the Agaric.

1003. *Minikin Agaric.* — *A. minutulus.*  
Cap thin, scored, brownish, gills few, yellowish, stem whitish, naked. — Schaeffer. 308.  
Under



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Under Black-thorns, Autumn, Common.

1004. *Fairy's Agaric.* — *A. orcadus.*

Gills brown-watery-white, 2 or 4 in set, cap pale-brown, convex, irregular, stem whitish, browner with age, very tough, rarely central. — (*Witbering.*) Bulliard. 144.

Pastures, November, Common.

E. Fungi  
247.

Obs: Gills blue-grey, uniform, cap olive-brown, stem whitish.

Plant growing in circles.

1005. *Cushion Agaric.* — *A. pulvinatus.*

Gills ashy-white, 4 in a set, cap raised, brown mouse-color, stem grey, tapering upwards, ring constant. — Bolton. 49.

Woods, Autumn, Rare.

*Clophill, — Silsoe,*

Obs: *A. — A. lycopodium.*  
The edge of the cap deeply scored.

1006. *Hairy Agaric.* — *A. pilosus.*

Cap light-chesnut, with long brown hairs, stem pale brown, darker at the base, gills watery-white. — E. Fungi. 164.

Mountainous spots, Autumn, Rare.

*Warden, — Barton.*

1007. *Fibrous-rooted Agaric.* — *A. radicosus.*

Cap hemispherical, ring torn, permanent, gills ochry, stem shaggy, root slanting. — Bulliard. 160. excellent.

Woods,

XXIV. Mushrooms. Crypt. Fungi.

Woods, Autumn, Rare.

*Silsoe, — Clophill, Park Farm.*

Obs: Cap somewhat lobed, gills white.

1008. *Long-stemmed Agaric.* — *A. radicosus.*

Cap rather bell-shaped, brownish, gills white, stem bare, root spindle-shaped. — (*Relban.*) E. Fungi. 48. excellent.

Woods, September, Common.

Obs: Cap at first convex, afterwards upturned.

On a stem, hollow with decurrent gills.

1009. *Mealy Agaric.* — *A. farinaceus.*

Cap rather convex, purplish-brown, gills convex, distant, watery-pink, mealy, stem long. — Batsch, 100. E. Fungi. 200. Fur Groves, September, Common.

Obs: Cap at first convex, afterwards upturned.

1010. *Irregular Agaric.* — *A. irregularis.*

Cap brown, lobed, wavy, gills 2 in a set, stem pale rose, stem hollow, greenish. — (*Relban.*) Bolton. 49.

Woods, October, Rare.

*Silsoe.*

Obs: Cap first convex, afterwards upturned.

Woods, September, Common.



XXIV. Mushrooms. Crypt. Fungi. X

Woods, Autumn, Rare.

Silsoe,—Clapham Park Wood.

Obs :

Cap variegated with brownish spots.

1008. Long-rooted Agaric. — A. radicans.

Cap rather bell-shaped, brownish, gills white, stem bare, root spindle-shaped. — (Relban.)

E. Fungi. 48. excellent.

Woods, September, Common.

Obs :

Cap at first conical, afterwards expanding.

\* \* \* \* On a stem, hollow with decurrent gills.

1009. Mealy Agaric. — A. farinaceus.

Cap rather convex, purplish-brown, gills convex, distant, watery-pink, mealy, stem long. — Batsch, 100. E. Fungi. 200.

Fir Groves, September, Common.

Obs :

Cap gills and stem very often of one color.

1010. Irregular Agaric. — A. irregularis.

Cap brown, lobed, waved, gills 3 in a set, broad, pale-rose, stem hollow, greyish. — (Relban.) Bolton. 13.

Woods, October, Rare.

Silsoe.

Obs :

Cap fixed slanting on the stem.

Q q

Snow-white



## XXIV. Mushrooms. Crypt. Fungi.

1011. *Snow-white Agaric.* — *A. niveus.*

Cap white, viscid, flattish, gills white, in pairs, stem white, cylindrical. — (Withering.) Schæffer. 232.

Fir Groves, October, Common.

Obs:

Gills varnished, not numerous.

1012. *Dimpled Agaric.* — *A. umbilicatus.*

Gills 4 in a set, cap dimpled, stem hollow, cap, gills and stem leather-like and uniform in color. — Bulliard. 411. 2.

Pastures, October, Rare.

Southill, — Aspley.

Obs:

Cap between the color of wax and leather.

\*\*\*\*\* On a stem, hollow and fixed.

1013. *Verdegrise Agaric.* — *A. æruginosus.*

Cap convex, bluish-green, clammy, gills purplish-brown. — Curtis. V. 70.

Woods, October, Rare.

Amptbill, — Silsoe.

Obs:

Gills lilac, ring permanent.

1014. *Orange Agaric.* — *A. aurantius.*

Cap conical, clammy, orange-color, gills yellow, stem naked. — Curtis. V. 69.

Pastures,

1013. *Deformed Agaric.* *A. monstrous.*Cap flattish, turning in, dead white,  
Gills uniform 2 to 4 in a set,  
Stem tapering upwards and downwards.  
S. Fungi. 203.

Roadsides, Oct. rare.

Warden, Henlow de.

Obs:

Often growing two from the same  
root, when the stems and caps  
coalesce as in the figure of Mr.

Lowery



1015. Branched Agaric. *A. racemosus*.  
Cap convex, quaker: colour, stems  
crowded with small pedunculated  
buttons of the same. Gills 2 in a  
set ~~off~~ the same colour.

Woods. Autumn. Rare. *F. Fungi*. 287.  
Melchbourne Wood

00299

XXIV. Mushrooms. Crypt. Fungi.

Pastures, October, Common.

*Obs.*: Clapham Park Wood.

No Agaric varies more in color and shape than this species.

1015. Filberd Agaric. — *A. auricomus*.

Gills brownish-white, few, in pairs, cap golden-brown, convex, bossed, stem brown, thickening upwards. — Batsch. 21.

Roots of hazels, November, Rare.

Clapham Park Wood.

*Obs.*:

Gills flesh-colored.

1016. Small trumpet Agaric. — *A. buccinalis*.

Gills white, cap funnel-shaped, stem uniform in color, very short. — *E. Fungi*. 107.

On Moss, Autumn, Rare.

Flitton, — Amptbill.

1017. Flat Agaric. — *A. compressus*.

Gills white, fleshy, few, 2 or 8 in a set, cap brown, irregular, stem whitish, flattened. — *E. Fungi*. 66.

Fir Groves, October, Common.

*Obs.*:

Stem leaning, gills brownish-white.

1018. Shield Agaric. — *A. clypeatus*.

Cap hemispherical, clammy, pointed, gills ashy-black, stem long, white, cylindrical. — (*Sibthorpe.*) Bolton. 57.

Q q 2

Plantations,



## XXIV. Mushrooms. Crypt. Fungi.

Plantations, September, Rare.

*Clophill, — Warden.**Obs :**Cap pale-brown.*1019. *Waxen Agaric.* — *A. ceraceus.*Gills pale-yellow, in pairs, cap deep-yellow,  
hemispherical, smooth, stem deep-yellow,  
cylindrical. — *E. Fungi.* 20.

Dry Pastures, September, Rare.

*Thurleigh, — Aspley.*1020. *Cinnamon Agaric.* — *A. cinnamomeus.*Cap dirty-yellow, gills yellowish-red. — Bol-  
ton. 150. *E. Fungi.* 205.

Fir Groves, August, Rare.

*Amptbill.**Obs :**The Linnæan character of this plant is admirable.*1021. *Shaggy Agaric.* — *A. floccosus.**E. Fungi.* 204. Clustered, cap and stem tufted with yellow-  
ish-brown scales. — *Curtis.* IV. 71.

Stumps, August, Rare.

*Between Bedford & Elstow.**Obs :**Stem first prostrate, then ascending.*1022. *Equilateral Agaric.* — *A. fimiputris.*Cap pale-brown, bluntly conical, gills nearly  
black, stem whitish, with an irregular ring  
towards the top. — *Bulliard.* 66.

Pastures,



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Pastures, all the year, Common.

Obs :

The upper part of the stem bearing the traces of the fugitive ring determines this plant.

1023. Clustered Agaric. — A. fascicularis.

Cap convex, yellow, gills greenish, stem yellow. — ( Hudson. ) Bolton. 29. *E. Fungi*: 285.

Stumps, Autumn, Common.

Obs :

Stem leaning, rarely upright.

1024. Moss Agaric. — A. Hypni.

Cup with broad plaits at the brim, bossed, gills 3 in a set, inner ones fixed to the stem, all rust-colored, stem strap-shaped, slender, hollow within, with loose hairs. — Batsch. 96.

On Moss, October, Common.

Obs :

Cap conical, stem rather leaning.

1025. Lean Agaric. — A. macer.

Cap white, rather leather-like, thin, gills diluted-pink, stem white, hollow, splitting. — Bulliard. 518. F.

Shady Woods, October, Common.

Obs :

Cap almost transparent.

1026. Honied Agaric. — A. melleus.

Gills



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Gills pale-brown, 4 in a set, cap pale-buff, center deeper, rather conical: stem whitish, crooked, curtain fugacious. — (*Withering.*) Schaeffer. 45.

Fir Plantations, September, Common.

1027. *Parroquet Agaric.* — *A. psittacinus.*

Cap green and yellow-orange, bossed, edge waved, gills and stem of the same color. — E. Fungi. 82.

Parks, October, Rare.

*Amptbill Park.*

1028. *Hemispherical Agaric.* — *A. semi-globatus.*

Cap hemispherical, straw-colored, clammy, gills horizontal, ring indistinct. — Curtis.

III. 69. **E. Fungi. 248.**

Pastures, April, October, Common.

*Obs:*

*Cap pale brimstone, gills blackish.*

1029. *Congregated Agaric.* — *A. striatus.*

Gills white, greyish at the edge, 2 or 4 in a set, cap conical, brown-buff, sides grooved, stem whitish, smooth. — E. Fungi. 166.

Willow stumps, Autumn, Common.

1030. *Cap of Liberty Agaric.* — *A. tener.*

Cap reddish, rather conical, deeper red at the brim, gills reddish, 4 in a set, dipping below the edge of the cap, stem reddish, smooth. — E. Fungi. 33. excellent.

Pastures,

*[Faint handwritten notes and diagrams on the reverse page, including a circular diagram with intersecting lines.]*



\* 1032. Striped Agaric. *A. polygrammus*.

Gills watery purple, 2 in a set, cap conical, stem cylindrical, rather stiff

Bulliard .395. *F. Fungi*. 222.

Stumps and amongst moss, Autumn. Common.

Obs:

Stem distinctly striped, cap splitting and turning up, a dirty brown, whiter at the edge—

\* 1032.

~~Small Helvet Agaric. *A. globerculatus*  
Gills white, 2 in a set, cap bluntly conical, not scored, stem cylindrical spiral. *F. Fungi*. 165.~~

\* 1032. Denticulated Agaric. *A. nutans*.

Gills white, 2 in a set, cap convex, nodding, stem ascending and tapering upwards — *F. Fungi*. 92.

Branches of trees. Autumn. Rare

Southill.

Obs

This little parasite is chiefly distinguished from the *A. varius* by the sharp teeth at the edge of the caps, which in its more advanced state form a regular indentation, not unlike the border of the second wings in some of the

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Pastures, October, Common.

Obs:

This plant in decay resembles the cap of Liberty.

1031. Trembling Agaric. — *A. umbelliferus*.

Cap plaited, membranaceous, gills broader at the base. — Bulliard. 519. 1. A.

Dead leaves, October, Common.

Obs:

Plant slender, very fine, trembling very much.

1032. Variable Agaric. — *A. varius*.

Gills white, few, 2 or 4 in a set, cap conical, scored, stem cylindrical, stiff. — *E. Fungi*. 165. excellent.

Stumps, November, Common.

Obs:

Brim indistinctly scored.

1033. Wood Agaric. — *A. zylophilus*.

Cap cracking, pale-brown, deeper in the center, edge turning up, gills brown, stem leaning, of the same color. — *E. Fungi*. 167.

Fallen branches, August, Rare.

Clapham between Woods.

\*\*\*\*\* On a stem, hollow and loose.

1034. Garlic Agaric. — *A. alliaceus*.

Cap open, half transparent, gills straw-color, stem woolly half way up. — Bulliard. 158.

*E. Fungi*. 81?

Woods,

Butterflies in the Linnaean Class  
Symphalis—



## XXIV. Mushrooms. Crypt. Fungi. X

Woods, September, Rare, Pastures, October.

*Silsoe.**Obs:*Wool not yellow as in the *peronatus*, but an unpleasant black.1035. Watery Agaric. — *A. aquosus*.

Cap rather conical, gills whitish-grey, stem brownish, cylindrical. — Bulliard. ( no number. )

Rotten wood, April, Rare.

*Eversholt.**Obs:*

Cap towards it's center and brims brown, intermediate space whitish.

1036. Mottled Agaric. — *A. clypeolarius*.

Cap convex, branny, variegated, gills white, thin, 4 in a set, irregular, stem cylindrical. —

E. Fungi. 14.

Grassy spots, August, Rare.

*Husborne-Crawley.**Obs:*

Stem bulbous at the base, gills ash-colored.

1037. Cylindrical Agaric. — *A. cylindricus*.Cap white, cylindrical, shaggy, gills purplish, uniform, stem cylindrical, white. — ( *Withering.* ) Curtis. II. 72. **E. Fungi. 189.**

Way-sides, October, Common.

*Obs:*1035. Small Meddle Agaric. *A. acicula.*Cap conical, gills watery: grey, Stem pinkish, cylindrical. **E. Fungi. 282.**Trees in Woods, on the bark  
December. Common.*Obs:*Cap sharply conical, Stem zigzag,  
leaning. —



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Obs :

Cap cylindrico-oval.

1038. *Fleshy Agaric.* — *A. carnosus.*

Gills white, crowded, 4 or 8 in a set, cap convex, dirty-white, with reddish blotches and center reddish, stem dirty-white, blotched, ring none. — Curtis. V. 53. **E. Fungi. 246.**

Fir Groves, September, Common.

1039. *Wheel-like Agaric.* — *A. Rotula.*

Gills uniform, fixed to a collar surrounding the stem, cap white, skinny, dimpled; stem white above, black below. — E. Fungi. 95.

Dry sticks, August, Common.

1040. *Leaf Agaric.* — *A. dryophyllus.*

Gills pale-buff, 4 in a set, cap dead-white heightened to a pale-brown in the center, stem reddish at the base, whitish and tapering upwards. — E. Fungi. 127.

Shady woods, September, Common.

1041. *Wizard's Agaric.* — *A. hariolorum.*

Cap rather bossed, often horizontal, gills pale-pink, stem of the same color, fibrous at the base. — Bulliard. 56.

Fir Groves, Autumn, Rare.

*Amptbill, — Warden.*

Obs :

Boss of the cap central, encircled with black.



## XXIV. Mushrooms. Crypt. Fungi.

1042. *Bald Agaric.* — *A. impuber.*

Cap brown, yellow at the edge, gills 4 in a set, ochry-brown, stem purplish at the base, tapering downwards. — E. Fungi. 125.

Shady woods, October, Rare.

*Lawn Wood.*

1043. *Weeping Agaric.* — *A. lachrymabundus.*

Gills dull-red, broad, numerous, 2 or 4 in a set, pileus dirty-brown, conical, woolly, stem dirty-white. — (*Witbering.*) E. Fungi. 41.

Woods, lanes, October, Common.

1044. *Short-lived Agaric.* — *A. momentaneus.*

Cap nearly conical, white, branny, gills ashy-black, stem white. — (*Sibtborpe.*) Bulliard. 68.

Pastures, October, Common.

1045. *Bordered Agaric.* — *A. marginatus.*

Cap ochry, brim very narrow, stem between livid and ochry, snow-white at the base, gills between rust-colored and ochry. — Batsch. 207.

Hedges, October, Common.

*Obs:*

*The point of the cap appears lopped or flattened.*

1046. *Puckered Agaric.* — *A. ovatus.*

Cap



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Cap ovate, somewhat plaited, stem bare, tapering at the base, roundish, gills crowded, nearly uniting. — Curtis. II. 71. **E. Fungi. 188.**

Grassy spots, October, Common.

Obs:

Cap puckered, gills grey, when ripe dissolving.

1047. Tall Agaric. — *A. procerus.*

Cap bell-shaped, nearly brown, scaly, gills whitish, stem bulbous, with a ring. — (Light-foot.) Curtis. IV. 69. **E. Fungi. 190.**

Fir Groves, October, Common.

Obs:

Stem thickening at the base and ending in an uncommon large bulb.

1048. Pill-shaped Agaric. — *A. piluliformis.* **SD.**

Cap round, brown, gills whitish, stem slanting, of the same color. — Bulliard. 112.

Amongst moss, November, Rare.

Southill.

Obs:

Plant growing in clusters on living Mosses.

1049. Plaited Agaric. — *A. plicatilis.*

Cap bell-shaped or flat, mouse-colored, transparent, plaited. — Curtis. III. 70.

Grassy spots, November, Common.

R r 2

Obs:



## XXIV. Mushrooms. Crypt. Fungi.

*Obs:*  
Edge of the cap so deeply channelled as to deserve the name it bears.

1050. *Half-egg Agaric.* — *A. semi-ovatus.*

Gills brown-grey to black, 2 or 4 in a set, cap light-brown, smooth, half-egg-shaped, stem cylindrical, white. — *E. Fungi.* 131.

Pastures, June, Common.

1051. *Yellow-white Agaric.* — *A. titubans.*

Cap half-ovate, yellow, grooved towards the margin, gills pale-pink, stem very brittle, yellow. — *E. Fungi.* 128. excellent.

*Obs:*  
Stem very long and thin.

1052. *Velvet-stemmed Agaric.* — *A. velutipes.*

Clustered, cap flattish, tawny, stem bare with a fine sooty woolliness at the base. — *Curtis.* IV. 70.

Fallen elms, October, Common.

*Obs:*  
Cap orange-tawny, stem velvety.

\* \* \* \* \* Stems lateral.

1053. *Styptic Agaric.* — *A. stypticus.*

Cap kidney-shaped, ochry, gills of the same color. — *E. Fungi.* 109.

Stumps,



## XXIV. Mushrooms. Crypt. Fungi.

Stumps of trees, October, Rare.

*Clophill.*

*Obs:*

*Plant fan-shaped.*

1054. *Lateral Agaric.* — *A. lateralis.*

Nearly on a stem, smooth, lead-colored, gills nearly single.

On moss, October, Rare.

*Warden,—Clophill.*

*Obs:*

*Whole plant between tan-leather and grey.*

1055. *Oyster Agaric.* — *A. ostreatus.*

Between bundled and tiled, cap ash-colored, obversely ovate, edge rolled in, gills whitish, decurrent, somewhat branching at the base.

— Curtis. III. 71. *E. Fungi.* 241.

Trees, Autumn, Rare.

*Kempston,—Clapham.*

*Obs:*

*Gills towards the edge diluted-pink, in other parts grey.*

1056. *Shell Agaric.* — *A. conchatus.*

Gills ochry, cap of the same color, splitting, stem lateral. — Bulliard. 298.

Fissures of trees, November, Rare.

*Thurleigh.*

*Obs:*

*Like sea-shells in it's young state.*

\*\*\*\*\* Stemless.



## XXIV. Mushrooms. Crypt. Fungi. X

\* \* \* \* \* Stemless.

1057. *Soft Agaric.* — *A. mollis.*

Between gelatinous and membranaceous, cap  
irregular, whitish, gills brimstone-colored.—  
E. Fungi. 98. excellent.

Fallen elms, December, Common.

1058. *Sessile Agaric.* — *A. sessilis.*

Cap half-lopped, reversed, gills snuff-colored,  
rim bent inwards.—E. Fungi. 97. excellent.

Hazel sticks in woods, November, Common.

Obs :

Cap convex, white, gills much crowded.

1059. *Dark-grey Agaric.* — *A. applicatus.*

E. Fungi.  
305. Turned inwards, round, ashy-black, gills  
touching in the center, whitish-azure. —  
(Dickson.) Batsch. 125.

Posts, Autumn, Rare.

Clophill, — Silsoe.

1060. *Birch Agaric.* — *A. coriaceus.*

E. Fungi. 182. Proliferous, cap with concentric zones, lea-  
ther-like, woolly, gills ochry-brown, branch-  
ing. — Bulliard. 394. excellent.

Woods, October, Rare.

Clapham Park Wood.

Obs :

Cap perforated by grass, sticks, &c.

Oak



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1061. Oak Agaric. — *A. quercinus*.

Gills labyrinth-shaped. — Bulliard. 352.

Fallen elms, Winter, Rare. *E. Fungi* 101.

Aspley.

Obs :

This plant first adheres to the trunks of trees horizontally,  
afterwards becomes reversed and grows by it's cap.

1062. Petal Agaric. — *A. petalodes*. *S. D.*Gills brimstone, cap shaped like a petal. —  
Bulliard. 226.

Old stumps, December, Rare.

Clapham Park Wood.

Obs :

Clustered, shaped like the petal of a tulip.

*Boletus*. BOLETUS. Gen. Pl. 1677.

— Horizontal, porous underneath, pores united.

† On a stem, stem central.

1063. Sponge Boletus. — *B. bovinus*.Cap olive-brown, pores pale-tawny, unequal,  
stem dirty-white. — (*Sibthorpe*.) Bulliard.60. *E. Fungi* 175.

Woods, October, Common.

Obs :

Stem without a ring.

Olive

add to obs: 1061.  
appears to be the connecting Link  
between the Genera, *Agaricus*,  
*Boletus* and *Hydnum*.



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1064. *Olive Boletus*. — *B. olivaceus*.  
 Cap olive-colored, bent downwards, flesh  
 changing, tubes minute, yellow. — ( *Sib-*  
*thorpe*. ) Schæffer: 105.

Pastures, woods, October, Common.

Obs :

Cap chesnut-colored, pores very minute.

1065. *Azure Boletus*. — *B. cyanescens*.

Cap fawn-colored, fleshy, flesh changing,  
 stem thick, short, tuberous. — ( *Sibthorpe*. )

Bulliard. 369.

Woods, September, Rare,

Aspley, — Clapham between Woods.

Obs :

Flesh when bruised changes from white to blue.

1066. *Circular Boletus*. — *B. nummularius*.

Cap horny, varying from brown to chesnut,  
 pores decurrent, stem black at the base. —

E. Fungi, 89.

Hazel sticks, Autumn, Rare.

Clapham Park Wood.

Obs :

Cap marked with dark stripes.

1067. *Clustered Boletus*. — *B. gregarius*. **S.D.**

Tubes yellow, pores oblong, unequal, cap  
 thin, flattish, chesnut-colored, stem pink at  
 the base. — Flora Danica. 1018.

Fir



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Fir Groves, October, Rare.

Warden.

1068. *Common Boletus*. — *B. luteus*.

Cushion-shaped, rather clammy, pores rounded, convex, very yellow, ring permanent. — Schæffer. 114.

Woods, Autumn, Common.

Obs :

*Pores easily separated.*1069. *Bronze Boletus*. — *B. æreus*.

Cap brown, hemispherical, tubes short, sulphureous, stem marked with purple veins. — Bulliard. 385.

Fir Groves, August, Rare.

Warden.

Obs :

*Stem with net-work veins.*1070. *Pepper Boletus*. — *B. piperatus*.

Stem rather slender, cap yellow, flesh sulphur-colored, firm, pores rather long, flame-colored. — E. Fungi. 34.

Fir Groves, September, Rare.

Warden.

Obs :

*This Boletus, when chewed in the mouth, leaves a sharp peppery taste.*

S s

† † Stems



## XXIV. Mushrooms. Crypt. Fungi.

+ + Stems lateral.

1071. *Oblique Boletus*. — *B. obliquatus*. S.D.Cap oblique, marked with concentric zones,  
stem short, lateral. — Bulliard. 459. L.

Stumps, December, Rare.

Clapham Park Wood.

1072. *Scaly Boletus*. — *B. squamosus*.Almost stemless, flattish, between ragged and  
scaly, yellowish, pores 4-square. — Schaeffer.

101. 102.

Stumps, August, Common.

Obs:

Stem thinnest at bottom, pores spacious.

1073. *Slipper Boletus*. — *B. elegans*.Cap ear-shaped, smooth, pores small, irre-  
gular, stem full, black at the base. — (Rel-  
han.) Bulliard. 360.

Willows, May, Rare.

Duck Mill.

Obs:

Cap very thin and tough.

1074. *Tiled Boletus*. — *B. frondosus*.Almost stemless, tiled, pores decurrent, stem  
black at the base, very irregular. — E. Fun-  
gi. 87.

Stumps.

\* 1071. Red: brown Boletus. *B. biennis*.Cap hemispherical, red: brown, pores  
sinuous, very long and pendulous  
Stem scarcely any — E. Fungi 191.Fir Groves - October - rare -  
Amptville.

Obs:

This may possibly be a variety  
of the plant quoted above, as Mr.  
S. represents his *Boletus* becoming  
woody and hard in a dry state.  
My specimens were deliquescent, I  
might almost say, gelatinous —



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Stumps, Autumn, Rare.

Maulden,—Renhold.

Obs:

Cap fawn-colored, pores whitish.

1075. *Varnished Boletus*. — *B. rugosus*.

Pores white, very small, cap crimson, varnished, stem knotty, slanting. — E. Fungi. 134. excellent.

Hazel stumps, Autumn, Rare.

Clapham Park Wood.

Obs:

Stem darker than the cap.

† † † Stemless.

1076. *Spongy Boletus*. — *B. suberosus*. **S.D.**Cushion-shaped, smooth, pores pointed, irregular. — Bolton. 162. *E. Fungi*. 200. — Ash trees, November, Rare.

Potton,—Everton.

Obs:

Cap rather scaly.

1077. *Crumb of bread Boletus*. — *B. medulla panis*.

Crust-like, white, spreading, irregular. — Jacquin. Misc. Aust. I. 11.

Decayed sticks, August, Common.

Obs:

Cap reversed, adhering to rotten wood.

S s 2

Willow



## XXIV. Mushrooms. Crypt. Fungi.

1078. *Willow Boletus*. — *B. salicinus*.

Somewhat leather-like, soft, sitting, thin, semicircular, somewhat whitish, smooth, pores very short, whitish-red. — Bulliard.

433. 1. *E. Fungi*. 227.

Willows, Winter, Common.

*Obs:*

Smells like the bloom of May.

1079. *Liver Boletus*. — *B. hepaticus*.Convex, nearly round, red, smooth, pores round, yellow. — *E. Fungi*. 58.

Stumps, September, Common.

*Obs:*

Exactly like a piece of raw bullock's liver.

1080. *Sweet-smelling Boletus*. — *B. suaveolens*.Smooth above, growing on the willow. — Bulliard. 310. *E. Fungi*. 220.

Stumps, Autumn, Rare.

Fenlake.

*Obs:*

Pores odoriferous, white or straw-colored.

1081. *Dry-rot Boletus*. — *B. lachrymans*.

Leather-like, half-oval, orange, between wrinkled and reticulated, border broad, snow-white, arched. — Jacquin Misc. Aust.

Vol. II. VIII. 2. *E. Fungi*. 113.

Rotting

1070.

*Hybrid Boletus*. *B. hybridus*Somewhat leather like soft, cushion:  
shaped, pores pale yellow, decurrent,  
*E. Fungi*. 209.

Rotten Wood, Autumn, Rare.

Goldington, Hophill.



\*1082.

Whitish Boletus. *B. albidus*.

Sitting, cap tender, white  
pores very small, distinct.

*F. Fungi*. 226.

At the edges of pannels in  
old gates - Winter, Rare.

Bedford.

Obs:

Pores often irregular.

\*1083.

Rusted Boletus *B. ferrugineus*.

Cap rust colored at the base  
pores white, border of the caps  
of the same color -

Fir Stumps - Autumn Rare  
Amphite Plantations.

Obs:

Unlike the *versicolor* in structure  
for it has neither stripes nor  
concentric ridges -

XXIV. Mushrooms. Crypt. Fungi.

Rotting wainscot boards, Autumn, too com-  
mon.

Obs:

Border bent back, whitish, dotted, cushion-shaped.

1082. *Striped Boletus*. — *B. versicolor*.

Ridges discolored, pores white. — Schaeffer.

267. 268. 269. *F. Fungi*. 229.

Trees, October, Common.

Obs:

Plant extremely thin.

1083. *Self-colored Boletus*. — *B. unicolor*.

Leather-like, thin, semicircular, with wool-  
ly zones above, pores ash-colored. — Bul-  
liard. 408. - 501. 3.

Hedges on stumps, April, Common.

Obs:

Pores not a quarter of an inch long.

1084. *Sulphur Boletus*. — *B. sulphureus*.

Pores brimstone, cap a bright Aurora, streak-  
ed. — *E. Fungi*. 135.

Old stumps, October, Rare.

Hawnes.

Obs:

Plant much tiled, color soon fading.

1085. *Bristly Boletus*. — *B. hispidus*.

Pores yellowish-red, fringed, cap red-brown,  
rough with bristly hairs. — Bulliard. 210.

Ash-trees,



## XXIV. Mushrooms. Crypt. Fungi.

Ash-trees, Autumn, Common.

Obs:

Younger specimens blood-red, old ones tawny.

1086. Touch-wood Boletus. — *B. igniarius*.

Cushion-like, smooth, pores very fine. — E. Fungi. 132.

Trees, Autumn, Common.

Obs:

Like a horse's hoof.

1087. Tinder Boletus. — *B. fomentarius*.

Pores sea-green, round, equal, cap cushion-like, blunt, unequal. — E. Fungi. 133.

Stumps, October, Rare.

Clapham.

Obs:

Thinner than the preceding.

1088. Fan-shaped Boletus. — *B. flabelliformis*.

Tiled, pores dark-purple, cap pale-flesh-colored. — Batsch. 266. E. Fungi. 231.

Stumps, October, Common.

Obs:

Pores lead-colored.

Hydnum. HYDNUM. Gen. Pl. 1676.

Mushroom horizontal, hedge-hogged underneath.

‡ On

\* 1088 - Bald Boletus. *B. imputer*.

Cap rusty-brown, smooth, border velvety, pores darker, decurrent, of different lengths.

E. Fungi. 145.

Young willows in dark places, winter, Rare.

Penhobs, by a drain near the Wood\* 1088. Narrow pored Boletus. *B. angustatus*.

Cap hemispherical, whitish, often red, border turned in, pores yellowish long and narrow. E. Fungi. 133.

Bromham Garden on Trees.  
April. 1804.\* 1088. Comb-shaped Boletus. *B. pectinatus*.

Tubes yellowish white, inclining, cap reversed and sitting down —

Bolton. 74.

Ray. tab. I. 5.

Joists in cellars — Winter, Rare.

Goldington.

Obs:

This has no pretension to be ranked with the agarics, the pores towards the border where they run into the cap are often very clear and distinct.



\* 1088.1.

Tanleather Boletus. *B. pelloporus*.

Filed, pores yellowish, cap the  
colour of tanned leather.

? *Fungi*. 230.

Alder and Birch Stumps, winter, Rare

Ampt Hill.

Obs:

The resemblance between this and No  
1088, is not so close as some Botanists  
have suspected, the pores of this  
never turn to a complete purple  
as in *B. flabelliformis*. —





## XXIV. Mushrooms. Crypt. Fungi.

† On a stem.

1089. *Ear-picker Hydnum.*—*H. auriscalpium.*

Cap semicircular. — Curtis. III. 68.

Decayed cones of firs, September, Common.

Obs :

Cap rather kidney-shaped.

1090. *Tiled Hydnum.* — *H. imbricatum.*

Cap convex, scaly. — ( See our fig. No. 4. )

Fir Plantations, October, Rare.

Warden.

Obs :

Cylinders pinkish-brown, decurrent.

1091. *Incorporated Hydnum.* — *H. sublamello-*  
*sum.*Snow-white, cylinders shaped like gills, caps  
incorporating. — E. Fungi. 112. excellent.

Woods, October, very Rare.

Clapham Park Wood.

Obs :

I think myself extremely fortunate in being the first  
discoverer of this *Hydnum* as a native of England.

†† Stemless.

1092. *Jupiter's beard Hydnum.*—*H. barba Jovis.*Tawny, membranaceous, spreading, the ends  
of the prickles branched.—Bulliard. 481. 2.

Bases of birchen stumps, October, Rare.

Southill Plantations.

Turban-top.

Before 1092

Jupiter's beard *Hydnum*  
insert †† Stemless.



## XXIV. Mushrooms. Crypt. Fungi.

*Turban-top.* HELVELLA. Gen. Pl. 1677.

Mushroom top-shaped, smooth above and underneath.

1093. *Curled Helvella.* — *H. mitra.*

Cap bent down, growing together, lobed, irregular. — E. Fungi. 39. excellent.

Woods, October, Rare.

*Houghton-conquest*, — *Clapham between Woods.*

Obs :

*Stem cellular, waxen.*

1094. *Relban's Helvella.* — *H. Relhani.* SD.

Cap conical, brown, stem hollow. — E. Fungi. II. excellent.

Pastures, May, Rare.

*Medbury.*

Obs :

*Cap silky above, brim with a silky fringe.*

1095. *Agaric-shaped Helvella.* — *H. agariciformis.*

Very small, white, stem thread-shaped, solid, cap thin, smooth above and underneath. —

( *Relban.* ) E. Fungi. 57.

Under moss at the roots of trees, October, Common.

Obs :

*Stem sometimes branched and proliferous.*

*Jelly-like*



## XXIV. Mushrooms. Crypt. Fungi.

1096. *Jelly-like Helvella*. — *H. gelatinosa*.

Stem hollow, swelling at the base, cap arch-  
ed, smooth above, jelly-like within, waved  
underneath. — ( *Bulliard.* ) E. Fungi. 70.

Woods, October, Rare.

*Southill, — Silsoe.*

*Obs :*

*Upper part of the stem compressed.*

1097. *Battledore Helvella*. — *H. spatulata*.

Cap much waved, flat, nicked at the top, stem  
hollow. — E. Fungi. 35.

Fir Groves, September, Rare.

*Amptbill.*

*Obs :*

*Plant growing in clusters and extremely variable in color.*

1098. *Eatable Helvella*. — *H. esculenta*.

Cap ovate, with cells, stem bare, wrinkled.—  
E. Fungi. 51.

Pastures, April, Common.

*Obs :*

*Cap sometimes conical, oftener semi-ovate.*

*Auricularia*. AURICULARIA. *Bulliard.*

Mushroom ear-shaped, sitting, gradually re-  
versed, discharging seeds from what was the  
upper, but which is now become the lower  
surface.

T t

*Gelatinous*



## XXIV. Mushrooms. Crypt. Fungi.

1099. *Gelatinous Auricularia*. — *A. tremelloides*.

E. Fungi. 290.

Between jelly-like and gristly, fringed above with zones, pitted or plaited underneath. — Bulliard. 290.

Gate-posts, January, Common.

Obs :

Outside greyish-brown, inside purple and pitted.

1100. *Buff Auricularia*. — *A. papyrina*.

Membranaceous, soft, woolly above with zones, at first smooth underneath, afterwards pitted. — Bulliard. 402.

Trunks of trees, October, Rare.

Sheerhatch Wood.

Obs :

Woolly and fringed at the edges.

1101. *Woolly Auricularia*. — *A. reflexa*.

Leathery, thin, woolly above, smooth underneath. — E. Fungi. 27.

Stumps, December, Common.

Obs :

Cap woolly, with zones.

1102. *Rusty Auricularia*. — *A. ferruginea*.

Leathery, brownish-rust-colored, velvety above, with concentric scores, smooth, pimply underneath. — E. Fungi. 26.

Old pales, January, Common.

Tobacco

\* 1100. *Powdery Auricularia*. *A. pulvomentosa*.  
 Membranaceous, tender, with concentric  
 zones, proliiferous, smooth underneath.  
 P. Fungi. 214.

Lamp walls, on the plaster  
 Winter Rare.

Bedford.

Obs :

Having seen the whole process of  
 this curious parasite is extremely  
 singular — It rises in the places I  
 have mentioned above, like a small  
 macilaginous spot, which gradually  
 enlarges and in its second state  
 gives the promise of a *Boletus la-*  
*ichrymans* — The Botanists expectations  
 are at length dispelled by the peeling  
 off of the uppermost edge from the  
 wall, when the zones begin to rise,  
 it separates  
 from the place where it lately grew,  
 and the fructifying powder breaking  
 forth, it puts on the singular ap-  
 pearance, represented in the plate  
 above quoted —



## XXIV. Mushrooms. Crypt. Fungi.

1103. *Tobacco Auricularia*. — *A. tabacina*.  
Rust-colored, zigzag, thin, with a yellow  
border. — ( *Sibthorpe*. ) *E. Fungi*. 25.  
Branches of trees, February, Rare.

*Clophill*, — *Amptbill*.

*Obs* :

Lower surface veined, bare, wrinkled.

1104. *Stick Auricularia*. — *A. corticalis*.  
Leathery, thin, between flesh-colored and  
brownish underneath. — *Bulliard*. 436. 1.  
Dead sticks, August, Common.

*Obs* :

Greyish-brown, pimply, pitted like a *Liverwort*.

1105. *Robe Auricularia*. — *A. phylacteris*.  
Thin, membranaceous, soft, smooth, folded  
at the base. — *Bulliard*. 436. 2.  
At the foot of large trees in woods, January,  
Rare.

*Sbeerhatch Wood*.

*Obs* :

Pale-straw-colored.

*Morel*. PHALLUS.

Mushroom with a cellular cap, open at the  
end, springing from a wrapper.

1106. *Stinking Morel*. — *P. impudicus*.  
In a wrapper, on a stem, cap cellular. —  
*Curtis*. III. 72.

T t 2

Woods,

1103. *Orange Auricularia*. *A. aurantia*

Leathery, thin, orange colored,  
margin downy, of the same colour.  
*F. Fungi*. 291.

*Obs* :

Cap reversed, and the whole plant

sitting



## XXIV. Mushrooms. Crypt. Fungi.

Woods, Hedges, September, Rare.

*Silsoe*,—*Market-street*.

*Obs*: —

*Cap sometimes with two openings.*

1107. *Dog's Morel*. — *P. caninus*.

In a wrapper, on a stem, cap wrinkled, conical, mouth closed. — *Curtis*. IV. 73.

Woods, August, very Rare.

*Silsoe*.

*Obs*:

*Cap covered with a greenish liquor, red underneath.*

*Peziza*. PEZIZA. *Gen. Pl.* 1680.

Concave, seeds emitted only from the upper surface.

1108. *Cornucopia Peziza*. — *P. cornucopiodes*.

Funnel-shaped, disc expanding, waved, dotted. — (*See our fig. No. 5.*)

Woods, September, Rare.

*Silsoe*. *Aspley Wood*.

*Obs*: *Oct. 7. 1005.*

*Plant sometimes solitary, oftener in clusters. I am indebted for the discovery of this very rare plant to the researches and assiduity of Mrs. Abbot.*

1109. *Yellow-brown Peziza*. — *P. ochroleuca*.

Stem black at the bottom, cap funnel-shaped, dirty-yellow within. — *E. Fungi*. 115.

Woods,





## XXIV. Mushrooms. Crypt. Fungi.

Woods on decayed sticks, Winter, Rare.

*Clapham Park Wood.**Obs:**Substance leather-like, horny in decay.*1110. *Snowy Peziza.* — *P. nivea.*

White as snow, funnel-shaped, on a very short stem. — E. Fungi. 65.

Under old stumps, August, Common.

*Obs:**Young specimens clothed with a whitish wool.*1111. *Dotted Peziza.* — *P. punctata.*

Top-shaped, lopped, the disc of the cap dotted. — E. Fungi. 54.

Cow-dung, October, Common.

*Obs:**The black dots not always visible.*1112. *Crimson Peziza.* — *P. epidendra.*

Bell-shaped, brittle, wax-colored without, crimson within. — E. Fungi. 13.

Hedges, October, Rare.

*Clapham,—Southill.*1113. *Goblet Peziza.* — *P. acetabulum.*

On a short stem, cap goblet-shaped, angular without, with branching veins. — E. Fungi. 59.

Woods,



## XXIV. Mushrooms. Crypt. Fungi.

Woods, May, Rare.

Amptbill,—Aspley.

Obs:

Stem cellular.

1114. *Tuberous Peziza*. — *P. tuberosa*.

Cap nearly bell-shaped, brown without, paler within. — E. Fungi. 63.

Woods, Autumn, Rare.

Renbold Wood.

Obs:

Stem buried in the earth, growing at the base to a blackish tuberous substance.

1115. *Scarlet Peziza*. — *P. coccinea*.

Growing on the ground, between orange and scarlet, cup expanding. — E. Fungi. 78.

Woods, September, Rare.

Clapham Springs.

Brought together with the *Bryum trifarium* by Mr. T. KIDMAN of Bedford.

Obs:

Fine scarlet within, leather-colored without.

1116. *Smooth Peziza*. — *P. cyathoides*.

Glass-shaped, border blunt, upright. — Ray's Synopsis. XXIV. 4.

Branches of trees, August, Common.

Little Cup

\* 1116. *Golden Peziza*. *P. aurea*.Stem short, yellow, cap umbrella-like  
gold coloured withering.

8. Fungi. 150.

Horizontally on wet stumps, woods  
November, Rare

Oakley little wood.

Obs:

Cap delicate, trembling, and semi-transparent



\* 1117 Rush Peziza. P. juncei.

Black, gelatinous, rather convex, sitting.

On stems of rotten Junceous pools - October - Rare.  
Amphill.

\* 1117 Leaning Peziza - P. inclinata

White, slender stemmed, head leaning.  
November  
Rotten stumps in woods, Rare

Clapham between woods

\* 1117. Lobed Peziza P. sinuata.

Emarginate, colour of Beeswax  
Smooth, horny -

Rotten stumps in woods. November, rare

Clapham between woods.

XXIV. Mushrooms. Crypt. Fungi.

1117. Little Cup Peziza. — P. calyculus.

On a stem, convex, hemispherical, expanding, stem rather lengthened out, strap-shaped, firm, distinctly inserted. — Batsch.

XII. 57. E. Fungi. 116.

Hedge bottoms, August, Common.

Obs :

Whole plant yellowish-brown.

1118. Hornbeam Peziza. — P. fructigena.

Slender, tapering, brittle, smooth, ending in a slender stem, cup scalloped. — Bulliard.

228. E. Fungi. 117.

On acorns, October, Common.

1119. Eyelet Peziza. — P. marginata.

Concave, brownish, border flat, rather scalloped, snow-white. — (Relban.) E. Fungi. 16. excellent.

On decayed sticks, October, Common.

Obs :

Like the eyelet holes of a Lady's stays.

1120. Wreathed Peziza. — P. cochleata.

Top-shaped, wreathed. — E. Fungi. 5.

Woods, April, Common.

Obs :

Above dark-brown, beneath whitish.



## XXIV. Mushrooms. Crypt. Fungi.

1121. *Cow Peziza*. — *P. stercoraria*.

Sitting, nearly straw-colored, yellow, cup  
 scolloped, prominent with blackish points,  
 rough with hair. — (*Sibthorpe*.) *E. Fungi*. 18.

Cow-dung, September, Common.

1122. *Orange Peziza*. — *P. fulva*.

Flat, orange, border convex, smooth. — *Bul-  
 liard*. 438. 3.

Cow-dung, October, Common.

*Obs:*

*Whole plant dull-orange.*

1123. *Eyelash Peziza*. — *P. scutellata*.

Flat, border convex, hairy. — *E. Fungi*. 24.

Bogs, October, Common.

*Obs:*

*Disc scarlet, border fringed.*

1124. *Vermillion Peziza*. — *P. punicea*.

Sitting, not shining, scarlet above, paler un-  
 derneath, border cushion-shaped. — *Batsch*.  
 XXXIX. 220.

Mosses, October, Common.

*Obs:*

*Plant often roundish, between an orange and a scarlet color.*

1125. *Nipple Peziza*. — *P. papillaria*.

Very

## XXIV. Mushrooms. Crypt. Fungi.

Very small, under the water, thickish, sitting,  
 rough with small prominent points, rather  
 woolly, cup scolloped. — (*Sibthorpe*.) *E. Fungi*. 18.

Rotten wood, October, Common.

*Obs:*

*Color as above.*

1126. *Two-colored Peziza*. — *P. bicolor*.

On mosses, short stem, when wet, darkish, cup  
 orange-brown. — *E. Fungi*. 17. 200.

Rotten wood, February, Common.

1127. *Hairy Peziza*. — *P. hirsuta*.

Sitting, cup short, on the outside, rather  
 rust-colored, hairy, inside dull yellow,  
 smooth. — *E. Fungi*. 17. 200.

Mosses in woods, October, Common.

1128. *Ray Peziza*. — *P. leporina*.

Stem short, cup between white-colored and  
 yellow, turned in. Has a ray underneath. —  
*E. Fungi*. 17.

Woods, October, 17.

1129. *Collyrium Peziza*. — *P. trispallia* Sw.

At first sitting, like a *Truncella*, then round,  
 200; thickish stem, cup between disc and  
 concave. — *Bulliard*. 410.

Woods, October, 17.

Swamp.



## XXIV. Mushrooms. Crypt. Fungi.

Very small, somewhat waxen, thickish, sitting, rough with small prominent points, rather woolly, cup scolloped. — ( *Bulliard.* ) E. Fungi. 177.

Rotten wood, October, Common.

*Obs :*

*Center ash-colored.*

1126. *Two-colored Peziza.* — *P. bicolor.*

On a very short stem, white underneath, cup orange-scarlet. — E. Fungi. 17. excellent.

Rotten sticks, February, Common.

1127. *Hairy Peziza.* — *P. hispida.*

Sitting, cup between scolloped and vesicular, outside brown, hairy, inside bluish-white, smooth. — E. Fungi. 147. excellent.

Mosses in woods, October, Common.

1128. *Rasp Peziza.* — *P. leporina.*

Stem short, cap between flesh-colored and yellow, turned in, like a rasp underneath. — E. Fungi. 79.

Woods, October, Rare.

*Silsoe.*

1129. *Gelatinous Peziza.* — *P. tremelloidea.* **S.D.**

At first sitting, like a Tremella, then running into a thickish stem, cup between flat and concave. — *Bulliard.* 410. 1.

U u

Stumps,



## XXIV. Mushrooms. Crypt. Fungi.

Stumps, December, Common.

1130. *Variable Peziza*. — *P. polymorpha*.

Top-shaped, first hollow, then flat or convex, wrinkled on the outside. — Bulliard.

116. - 460. 1.

Stumps, October, Common.

1131. *Lentil Peziza*. — *P. lenticularis*.

Small, thick, brittle, smooth, sitting or top-shaped, smooth underneath, between shield and cup-shaped. — Bulliard. 300.

Stumps, October, Common.

1132. *Green Peziza*. — *P. viridis*.

Stemless, cap concave, green, border blackish. — Bolton. 109. 1.

Stumps, October, Rare.

*Clopbill.*

1133. *Black Peziza*. — *P. atra*. **S.D.**

Stemless, concave, black. — (Hudson.)

Park pales, Autumn, Rare.

*Ampbill.*

1134. *Blue Peziza*. — *P. cærulea*. **S.D.**

Stemless, cap azure, fringed. — Bolton. 108. 2.

Stumps, October, Rare.

*Sheerhatch Wood.*

*Lead-colored*



\* 1135. Downy Peziza. *P. hydnoides*.

Downy, ash-colored within, without yellowish  
white — *P. Fungi*. 178.

Bits of sticks in woods, Winter, Rare.  
Beahote, Clapham Park and between woods

Obs:

Plant smaller than the figure in Sowerby  
but perfectly resembling it in every  
other respect; if suffered to become dry,  
the disc closes and the orifice is no  
longer seen —

XXIV. Mushrooms. Crypt. Fungi.

1135. Lead-colored Peziza. — *P. cinerea*.

Sitting, ash-colored, bent back, border cur-  
led. — *E. Fungi*. 64.

Under old stumps, November, Common.

1136. Bell-shaped Peziza. — *P. campanulata*.

Lead-colored, smooth, border expanding,  
seeds smooth. — *E. Fungi*. 28.

Bean-fields, Autumn, Common.

1137. Scored Peziza. — *P. striata*.

Conical, brown, outwardly woolly, inwardly  
fluted, seeds downy underneath, — *E. Fun-*  
*gi*. 29.

Branches of dead firs, November, Rare.

*Warden.*

1138. Crucible Peziza. — *P. laevis*.

Dirty-yellow, smooth within, border upright,  
seeds smooth. — (*Sibthorpe*.) *E. Fungi*. 30.

Branches of living firs on the ground, Octo-  
ber, Rare.

*Warden.*

1139. Crouded Peziza. — *P. spadicea*. **SP.**

Sitting, almost stemless, unequal, shining a-  
bove, rough beneath, border finely scol-  
loped. — *Batsch*. 217.

Fallen elms, January, Rare.

*Potton Wood.*



## XXIV. Mushrooms. Crypt. Fungi.

1140. *Cone Peziza*. — *P. pineti*. S.D.

Sitting, greyish-white, bent back, border ochry-brown. — Batsch. 140.

Cones of decayed firs, October, Rare.

Warden, — *Ampbill*.

## Club-top. CLAVARIA. Gen. Pl. 1682.

Mushroom smooth, club-shaped, quite simple, emitting seeds from every part of the surface.

1141. *Hollow Clavaria*. — *C. pistillaris*.

Club-shaped, very entire, hollow, tapering at the base, point roundish. — Bulliard. 463. 1.

E. Fungi. 253

253. Heaths, September, Common.

1142. *Adder's-tongue Clavaria*. — *C. ophioglossoides*.

Club-shaped, very entire, flatted, black, head furrowed. — E. Fungi. 83.

Heaths, October, Rare.

Warden, — *Clophill*.

1143. *Coral Clavaria*. — *C. coralloides*.

Branches crowded, very much branched, bluntish at top, yellow. — Bulliard. 222.

Heaths, woods, November, Common.

1144. *Flat-topped Clavaria*. — *C. fastigiata*.

Branches,

\* 1140. Jews Pars — *P. Anicula*.

Stump of a dead Elm at  
the Friars found by Mr. Abbot  
Sep<sup>r</sup> 16. 1800.



\* 1145. Slender Clavaria. *C. gracilis*.

Club awlshaped, pale brown, root  
lentic: shaped.

*F. Fungi*. 232.

Woods. Spring, Rare.

Clapham Park Wood.

Obs:

Grows in clusters under old stumps  
at first spiral, afterwards perfectly  
erect, slender and rigid —

1140. Scarlet Clavaria. *C. coccinea*.

Almost sitting, scarlet, shaped like  
a *Periza* *F. Fungi*. 294.

Bark in Autumn. Common

XXIV. Mushrooms, Crypt. Fungi.

Branches crowded, very much branched, flat  
at top, straw-colored. — Bolton. 112. 2.

Woods, September, Rare.

Potton Wood.

1145. Pointed Clavaria. — *C. muscoides*.

Branches subdivided, pointed, unequal, yellow. — Schæffer. 173. *E. Fungi*. 157.

Woods, October, Common.

1146. Fingered Clavaria. — *C. digitata*.

Branched, branches nearly sitting, oblong,  
points blunt. — *E. Fungi*. 69.

Door-posts, Autumn, Common.

1147. Flat-borned Clavaria. — *C. Hypoxylon*.

Branched, compressed, horned. — *E. Fungi*.  
55.

Stumps, Winter, Common.

1148. Grey Clavaria. — *C. cinerea*.

Mouse-colored, branches coral-like, solid,  
thick and short, points depressed. — Bulliard.  
354.

Heaths, September, Rare.

Warden, — Clophill.

1149. Cauliflower Clavaria. — *C. anthocephala*.

Leathery, growing in a turf, rust-colored,  
with fan-shaped lobes. — Bulliard. 452. 1.

*E. Fungi*. 156.

Heaths,



## XXIV. Mushrooms. Crypt. Fungi.

Heaths, Autumn, Rare.

Sandy Warren.

1150. *Leathery Clavaria*. — *C. coriacea*.

Leathery, softish, branches coral-like, depressed, scored, points fringed. — Bulliard. 452. 2.

Heaths, Commons, October, Rare.

Warden.—Beeston Leys.

1151. *Thorny Clavaria*. — *C. aculeiformis*.

Small, yellow, very brittle, single or double, end pointed. — E. Fungi. 40.

Stumps, January, Rare.

Timber-yards, Bedford.

1152. *Twisted Clavaria*. — *C. gyrans*.

Stem lengthened out, hair-like, ending in a small club, rather lengthened out, cylindrical, oblong at either end. — Batsch. 164.

Woods, October, Rare.

Clapham between Woods.

1153. *Orange Clavaria*. — *C. militaris*.

Club-shaped, very entire, head scaly. — E. Fungi. 60.

Bogs, October, very Rare.

Amptbill.

Trusse.

1150. *Organic shaped Clavaria*. *C. epiphylla*.  
Club-shaped, very entire, head blunt,  
Hollow, ochrey red, stem yellowish white.  
E. Fungi. 293.

Peat holes of woods, Autumn rare  
Selsoe New wood and Amptbill Heath.

1151. *Forked Clavaria*. *C. dichotoma*  
Subterraneous or immersed, horny,  
coral-like, black, pointed.

E. Fungi. 298. obs:

Like fibres of trees or roots.

1151. obs. Plant mostly clustered,  
~~wax-like~~, points obtusely conical,  
rather than thorn-like, surface  
velvety— substance between wax-like and  
glutinous. Elger's Gard. St. Mary's Parish  
Dec? 17<sup>th</sup> 1798—

1150

Thorn like Clavaria. *C. spinosa*

Subterraneous, ragged, of un-  
equal lengths, pointed, dark  
brown — woods. Common.  
E. Fungi. 299.

obs.  
Like a ragged tapel.



## XXIV. Mushrooms. Crypt. Fungi.

*Truffle.* TUBER. Bulliard. 73.

Mushroom growing under ground, fleshy, firm, containing the seeds within itself.

1154. *Common Truffle.* — *T. cibarium.*

Round, solid, warty, without a root. — Bulliard. 356. *E. Fungi.* 309.

Woods, pastures, Rare.

*Renbold Wood, — Wellington Pastures.*

1155. *Rooted Truffle.* — *T. radicum.*

Roundish, compressed, fibres of the root rising from the surface, growing so as to form a root. — Bolton. 116.

Woods, September, Rare.

*Puff-ball.* LYCOPERDON. Gen. Pl. 1603.

Mushroom roundish, emitting powdery seeds.

1156. *Star Puff-ball.* — *L. stellatum.*

Wrapper manifold, expanding, head smooth, mouth with pointed plaits. — Ray's Synopsis. I. 1. *E. Fungi.* 312.

Pastures, October, Rare.

*Ford-End.*

*Obs:*

Head never sitting, star with from 5 to 7 segments.

*Hygrometer*



## XXIV. Mushrooms. Crypt. Fungi.

1157. *Hygrometer Puff-ball*. — *L. recolligens*.

Wrapper with many spear-shaped divisions,  
head sitting, between round and compressed,  
mouth tapering upwards. — (*Woodward.*)  
E. Fungi. 80.

Fir groves, August, Rare.

*Amptbill.*1158. *Projectile Puff-ball*. — *L. carpobolus*.

Wrapper manifold, fruit globular, composed  
of united seeds. — (*See our fig. No. 6.*)

Rotten pales, October, extremely rare.

*Amptbill.*

First found together with the two preceding  
species by Mrs. ABBOT.

*Obs :*

*Plant growing in clusters: an ovate vesicle starts up from  
the disc, scattering the seed with it's elastic motion.*

1159. *Long-stalked Puff-ball*. — *L. pedunculatum*.

Stem long, head round, smooth, cylindrical,  
very entire. — *Batsch. 167.*

Walls, October, Common.

1160. *Variable Puff-ball*. — *L. Proteus*.

Roundish, top-shaped, or nearly on a stem,  
flesh white with soot-colored seeds, skin  
thin, flaccid. — *Bulliard. 447.*

Pastures, August, Common.

*Pitted*

1795 Published by James Sowerby London.





XIV. *Microgaster* Group

1158. *Microgaster* *sp.* — *Microgaster* *sp.*  
Habitat: *sp.* — *sp.*  
Habitat: *sp.* — *sp.*

1159. *Microgaster* *sp.* — *Microgaster* *sp.*  
Habitat: *sp.* — *sp.*  
Habitat: *sp.* — *sp.*

1160. *Microgaster* *sp.* — *Microgaster* *sp.*  
Habitat: *sp.* — *sp.*  
Habitat: *sp.* — *sp.*

1159. Obs: mouth extremely small, stem cylindrical, generally upright, sometimes leaning.



1161.

Obs.

Head yellowish, pitted as with the marks  
of the small: Pox.

1162.

Obs.

Skin of this Mushroom tender, brittle,  
rough and branny.

1163.

Obs.

Plant growing in clusters, either scarlet,  
or brown with a cast of blue.

1165. Horseshoe Puffball. *L. equinum.*

Plant brown: white: Stem solid cylindrical  
head globular, rather hollowed underneath  
& Fungi. 292. <sup>withering</sup>

Horns & Horsehoofs, Winter - Rare.

1165.

Obs.

Winton. Clapham.

Top: shaped, sitting, or nearly on a  
stem

## XXIV. Mushrooms. Crypt. Fungi.

1161. *Pitted Puff-ball.* — *L. verrucosum.*

Roundish, reddish-brown, stem bluish-red,  
seeds brown, neck of the root with very  
broad plaits. — Bulliard. 24.

Heaths, August, Rare.

*Amptbill.*

1162. *Asb-colored Puff-ball.* — *L. cinereum.*

Blue-grey, globular, rough and branny, seeds  
like sand, large, black, intermixed with  
small white zigzag fibres. — Batsch. 169.

Rotten leaves and wood, August, Rare.

*Clapham between Woods.*

1163. *Purple Puff-ball.* — *L. epidendrum.*

Skin and meal purple. — E. Fungi. 52.

Rotten wood, October, Common.

1164. *Slate-colored Puff-ball.* — *L. ardosiaceum.*

Roundish, between azure and lead-colored,  
flesh red, seeds brown, skin flexible. —  
Bulliard. 192.

Pastures, January, Rare.

*Ford-End.*

1165. *Cotton Puff-ball.* — *L. gossypinum.*

Head pear-shaped, white, cottony, tapering  
downwards, seeds brown. — Bulliard. 435. 1.

Horses' hoofs, Winter, Rare.

*Potton Wood.*

X x

Brittle



## XXIV. Mushrooms. Crypt. Fungi.

1166. *Brittle Puff-ball*. — *L. fragile*.

Parasitical, nearly sitting, inversely-ovate, skin shining, brittle, meal black, intermixed with soft hairs. — *E. Fungi*. 136.

On mosses, October, Rare.

*Silsoe.*

1167. *Conjurer's Fern*. — *L. innatum*.

White, spherical, solitary, parasitical, sitting, containing a white powder and opening at the top with many ragged clefts. — (*Witbering.*) *E. Fungi*. 53. *Æcidium fuscum*.

## RETICULARIA. Bulliard.

Mushroom in it's first state soft, containing seeds entangled amidst numerous fibres.

1168. *Custard Reticularia*. — *R. septica*.

Slimy, yellowish, scattered, in various shapes. — (*Sibtborpe.*) Schæffer. 194.

Woods, September, Common.

1169. *Egg-shaped Reticularia*. — *R. ovata*.

Stemless, egg-shaped, mucilaginous, yellowish, gills cellular, vanishing, turning to dust, blackish: seeds black, adhering to threads. — (*Schæffer.*) Bulliard. 380. 1.

Grass, mosses, &c. October, Rare.

*Warden.*

*Smut*

1167.

Obs:

The figure of the yet-unexpanded plant and the reflected Harry wrapper after its expansion seem to claim this for a *Lycoperdon* —

1168.

Obs:

Plant in its first state like ripe cream cheese.



Vermillion  
\*1174, Fruct Sphaeria. *S. miniata*.

Roundish, vermilion-colored, scattered,  
pith mealy.

On the bark of small sticks  
in woods November. Rare  
Clapham between woods.

Obs:  
not the *miniata* of Bolton, which is  
the *tremelloides* n<sup>o</sup> 1173 of this book.

1171. Obs.

Shape of the plant various, some:  
: times single, generally double, al:  
ways regularly marked with con:  
: centric scores—

1172. Obs:

Mushrooms small, generally single, between  
rust and soot-colored—

1173. Obs.

Top shaped, crowded, not unfrequently  
incorporating—

\*1173 — Bosom Sphaeria. *S. papillosa*.

Simple, roundish black, tapering  
to a point, with an indented circle  
round it. *S. Fungi*. 236.

Sticks in woods. Oct.<sup>r</sup> Rare

Penhold—

339

XXIV. Mushrooms. Crypt. Fungi.

1170. *Smut Reticularia*. — *R. segetum*.

Brownish-black, growing on other plants, full  
of threads within. — Bulliard. 472. 2.

Ears of corn, June, too common.

SPHÆRIA. Haller.

Fructifications spherical, full of a blackish  
powder, often secreted under the bark.

1171. *Asb Sphaeria*. — *S. fraxinea*.

Roundish, black, outwardly smooth, nearly  
pustular, within marked with concentric  
circles. — *E. Fungi*. 160. excellent.

Old stumps, all the year, Rare.

Clapham Lane.

1172. *Black Sphaeria*. — *S. lycoperdoides*.

Compound, convex, nearly solid, pith mealy,  
black. — Weigel Obs: III. 2 a.

Fallen boughs, Autumn, Common.

1173. *Purple Sphaeria*. — *S. tremelloides*.

Roundish, sitting, single, smooth, scarlet. —  
Bulliard. 284.

Currant trees, Autumn, Common.

1174. *Gregarious Sphaeria*. — *S. gregaria*.

Simple, collected into irregular clusters, ver-  
million, crust whitish, tender. — Weigel.  
II. 10.

X x 2

Oaks,

Obs:

The upper surface of the  
leaf, where this singular fungus  
grows, is marked by a reddish dent,  
and the hollow appears scalded.

*Acidium - Persoon's Fungi*  
Lapsule smooth on both sides, full of seeds uncovered and  
growing together - *Acidium lacertinum* - Ragged *Acidium*  
*caput-hirci* growing from a brownish base, tubes lacinated at panding.  
*S. Fungi* 310. Hawthorn broken May and June.



## XXIV. Mushrooms. Crypt. Fungi.

Oaks, February, Common.

1175. *Breast-shaped Sphaeria*. — *S. mammosa*.  
Single, breast-shaped, black.

Woods on hazel stumps, Spring, Common.

1176. *Scarlet Sphaeria*. — *S. Mori*.  
Simple, clustered, scarlet, very small. —  
Bolton. 120. 1. *E. Fungi*. 255.

Rotten wood, October, Rare.

Renbold Wood.

1177. *Blood-colored Sphaeria*. — *S. sanguinea*.

Simple, oval, blood-colored, open at the end.

Bulliard. 487. 3. *E. Fungi*. 254.

Rotten sticks, Autumn, Rare.

Clapham Park Wood.

1178. *Depressed Sphaeria*. — *S. depressa*.Stemless, clustered, black, shining. — Bol-  
ton. 122. 1.

Rotten sticks, Autumn, Common.

1179. *Stick Sphaeria*. — *S. corticalis*.

Black, seeds very numerous, shining, round. —

Bulliard. 492. 2. *E. Fungi*. 255.  
Sticks and walls, October, Common.1180. *Clustered Sphaeria*. — *S. aggregata*.Parasitical, round, mouth entire. — Bolton.  
122. 2.\* 1181. *Concave Sphaeria*. *S. concava*. RottenHollow, black, penetrating the upper coat  
of the leaf only. *E. Fungi*. 317.

Holly leaves. Autumn and winter, rare.

Everton White Wood, Cotton Wood.

1174.

Obs.

The Sphaerules are shaped like asterisks.

1175.

Obs.

altho' growing many together, they never  
incorporate.

1176.

Obs.

narrowest at the base, orange-colored  
when young.\* 1176. *Brush-shaped Sphaeria*. *S. henticulata*  
Black, hairlike, body of the fungus sunk in  
the wood. *E. Fungi*. 120.on dead stems of *Chelidonium Glaucum* in my  
Garden.Obs.  
The cylindrical mouths of this fungillus are  
[as Mr. Sowerby well expresses] to the naked  
eye like many fine black hairs.Almost transparent, after the dispersion  
of its seeds, cupshaped.\* 1170. *Bark-raising Sphaeria*. *S. decorticans*.Stemless, shining, black, buttonshaped,  
Sphaerules very minute.Bulliard 468. 4. *E. Fungi*. 137.

Decayed Sticks, Autumn &amp; Spring - Common

Obs.

When the Sphaeria grow thick, they cause  
the outer rind of the bark under which they  
grow, to peel off, whence the name.



1180.

Obs:

Plant crusting over the fallen branches of trees with an inner and second bark, sphaerules very minute and scarcely visible without a magnifier.

1181.

Obs.

Very different from the Lichen pulicaris growing upon the soil at the very bottom of the aged stumps of trees, green when young, brown when old, never quite black.

\* 1182 Minute Sphaeria. *S. minuta*.  
Incrusted, white, with black dots.

On the Bark of trees. Winter, Rare  
Pentstemon wood.

1184.

Obs:

Not very unlike the *S. mammosa*, but is less crowded, and appears hollow when dissected.

1185.

Obs:

When that part of the mushroom which represents the upper shell of the muscle has disappeared, and it is more advanced it acquires a blackish hue.

\* 1181. Two-faced Sphaeria. *S. bifrons*.

Almost flat, black, with the same external appearance on either side of the leaf.

8. Jungi. tab. 316.

Holly leaves, Autumn and Spring. <sup>341</sup> rare

XXIV. Mushrooms. Crypt. Fungi. Bolton White  
Wood

Rotten sticks, December, Common.

1181. Furrowed Sphaeria. — *S. sulcata*.

Stemless, with a longitudinal groove. — Bolton.

124? E. Fungi. 315.

Stumps, Autumn, Common.

1182. Incrusted Sphaeria. — *S. stigma*. S. D. sent

Compound, bark-like, black, dotted. — Hoffman. Veg. Crypt. V. 2.

Under the bark of trees, October, Common.

1183. Pointed Sphaeria. — *S. acuta*.

Single, very small, pointed, black. — E. Fungi. 119. excellent.

Nettle stumps, January, Common.

1184. Round Sphaeria. — *S. globularis*.

One-celled, scattered, spherical, from white becoming black, smooth, breast-shaped at the point. — Bulliard. 444. 2.

Stumps in woods, October, Common.

1185. Muscle Sphaeria. — *S. ostreacea*.

One-celled, scattered, from ash-colored turning brownish-black, nearly flattened, smooth, with two valves. — Bulliard. 444. 4.

Fallen boughs, October, Common.

1186. Thorn-like Sphaeria. — *S. echinata*. S. D. sent

Many-celled,



1186. Common Sphaeria. *S. communis*.  
Almost cup shaped, black, fragi-  
form, open at the top.

342 Limestone Walls, Common.

XXIV. Mushrooms. Crypt. Fungi.

Many-celled, black, stud-shaped, flat, surface  
smooth, disc covered with prickles. — Bul-  
liard. 432. 2.

Between the inner and the outer rind of trees,  
Winter, Rare.

Clapham between Woods.

1187. Club-shaped Sphaeria. — *S. clavata*.

One-celled, between thyrses-shaped and crowd-  
ed, scattered, lengthened out, tapering at  
the base, from whitish turning black,  
smooth. — Bulliard. 444. 5.

Branches of trees, Autumn, Rare.

Clapham between Woods.

1188. Black Sphaeria. — *S. atra*. **S.D.**

Many-celled, brownish-black, with pointed  
studs, seeds elliptical, breast-shaped at the  
point. — Bulliard. 432. 1.

Branches of trees, October, Common.

1189. Tendril Sphaeria. — *S. cirrhata*.

One-celled, scattered, white turning black,  
receptacles bearing tendrils. — E. Fungi.  
138. excellent.

Branches of trees, October, Rare.

Renbold Wood.

1190. Covered Sphaeria. — *S. obducta*.

Stemless,

1186. Obs:

Sphaerules in clusters shaped like thorns  
and surmounted with entirely black  
dots.

1187. Obs:

Sphaerias in their young state almost  
pear-shaped, whitish at the point, when  
older club-shaped and very thickly  
set with numberless Sphaerules.

\* 1187 Black Sphaeria. *S. septicalis*.  
Cup-shaped, black, seeds numerous, shining  
globose. — Bulliard. t. 442. p. 2.  
Relham. Suppl. to Flor. Cantab.  
Bark of trees. Winter — Common p. 34.

1188.

Sphaerias simple, Sphaerules pointed  
many together, united, without  
brownish-black, within whitish.

1189.

Obs:  
Sphaerias button-shaped, out of which  
after a little while capillary sub-  
stances arise, twisting up in a  
spiral manner.



1190. Obs.

Plant clustered, in various shapes. Sometimes round, or elliptical but oftener kidney shaped.

1190. Under Bark *Sphaeria*.

*S. subcorticata*.  
Black, sitting, distinct, within the exterior bark - *F. Fungi*. 294.  
Trees, October, Common.

1191. Obs:

Plant rust-colored, stems fine as a hair.

1193. Obs:

Stems increasing in breadth at the base, a longitudinal axis passing thro' all the Capsules.

XXIV. Mushrooms. Crypt. Fungi.

Stemless, clustered, rather woolly. — Bulliard. 492. 1.

Sticks, Autumn, Common.

TRICHIA. Haller.

Mushroom growing in clusters, capsules cylindrical, between top-shaped and oblong or round, producing seeds in net-work filaments.

1191. Naked *Trichia*. — *T. nuda*.

On a stem, head oblong, growing on a longitudinal axis. — Bulliard. 477. 1.

Rotten wood, October, Common.

1192. Purple *Trichia*. — *T. denudata*.

Stem very short, capsule lengthened out, oval, not perforated, cup-shaped at the base. — *E. Fungi*. 49.

Rotten wood, October, Rare.

Southill.

1193. Cat's-tail *Trichia*. — *T. typhæformis*.

Stem broader at the base, capsule always cylindrical. — *E. Fungi*. 50.

Rotten Wood, September, Rare.

Silsoe, — Southill.

1194. Ash-colored *Trichia*. — *T. cinerea*.

Stem short, tapering, capsules greyish-white. — Bulliard. 477. 3.

Rotten



## XXIV. Mushrooms. Crypt. Fungi.

Rotten boughs, Autumn, Common.

1195. *Least Trichia*. — *T. minuta*.

On a stem, bell-shaped, bearing small lentil-shaped seeds. — Hoffman. Veg. Crypt. II. 2. E. Fungi. 239.

On *Hypnum triquetrum*, Winter, Rare.

Clapham Park Wood.

Obs:

Stem purplish, bearing a cup resembling a wine-glass in miniature, springing from living mosses.

1196. *Olive-colored Trichia*. — *T. olivacea*.

On a stem, stem and head woolly, olive-colored. — Bolton. 94. 2.

Rotten wood, Autumn, Rare.

Renbold Wood.

1197. *Branny Trichia*. — *T. furfuracea*.

On a stem, stem greenish, thread-shaped, head round, mealy. — Batsch. 178.

Rotten wood, December, Rare.

Renbold Wood.

1198. *Grey Trichia*. — *T. globulifera*.

On a stem, head round, ash-colored, grey. — Bulliard. 484. 3.

Clefts of wood, Autumn, Rare.

Clapham Park Wood.

Liverwort

\*. *Round-headed Trichia*. *T. sphaerocephala*.  
on a stem, head globular, between  
cinereous and black

F. Fungi. 240.

Straws and dead sticks Winter, Common.

Obs:

Stem very short, head when in perfection black, whilst under the process of emitting the fructifying powder, ash-colored —

1197. Obs:

Seagreen, leaning, heads brown, branny.

1198.

Obs.

Stem thickening downwards, capsule whitish, at first inclosing all the seeds, afterwards torn and fugacious.



## XXIV. Mushrooms. Crypt. Fungi.

1199. *Liverwort Trichia*. — *T. lichenoides*.  
Stem cylindrical, black, head round, of the  
same color. — (*Sibthorpe.*) Sowerby. 414.  
Lichen sphærocephalus.

Park pales, November, Rare.

*Amptbill Park.*

1200. *Top-shaped Trichia*. — *T. turbinata*.  
Stemless, top-shaped, yellow, wool yellow-  
ish. — *E. Fungi*. 85.

Rotten wood, August, Common.

1201. *Pear-shaped Trichia*. — *T. pyriformis*.  
Yellow, varnished, capsules top-shaped, gra-  
dually ending in a cylindrical stem. —  
(*Sibthorpe.*) Bulliard. 417. 2.

Rotten wood, August, Common.

1202. *Black Trichia*. — *T. recutita*.  
On a stem, shaped like a fig, roundish, wool  
black. — Bulliard. 417. 3.

Rotten wood, September, Common.

1203. *Blackish Trichia*. — *T. fusco-ater*.  
Stemless, brown-black, seeds yellow. — Bul-  
liard. 417: 5.

Limestone walls, Autumn, Rare.

*Friar's Walls.*

Y y

*Mould.*

1200. Obs.

Heads yellow, with golden-colored seeds.

1201. Obs.

Shape of the plant much like that  
of the preceding, but the heads  
rather pearshaped, and less crowded.

1202. Obs:

After the dispersion of the woolly  
substance, the skin remains and  
bears a lopped appearance.



## XXIV. Mushrooms. Crypt. Fungi.

*Mould.* MUCOR. Gen. Pl. 1685.

Mushroom with vesicles standing on stems,  
in which numerous seeds are contained.

1204. *Cotton Mould.* — M. Mucedo.

On a stem, head round. — Bulliard. 480. 2.  
Rotten planks, October, Common.

1205. *Greenish Mould.* — M. glaucus.

On a stem, head roundish, in clusters. —  
Flora Danica. 777. 2.  
On rotten fruit, Common.

1206. *Dewy Mould.* — M. roridus.

On a stem, fugacious, stem hair-like, head  
spherical, like a dewdrop, with a black  
dot at the point. — ( *Relban.* ) Bulliard.  
480. 1.  
Cow and horse-dung, August, Rare.

*Paradise, near Bedford.*

1207. *Pitcher-shaped Mould.* — M. urceolatus.

On a stem, fugacious, stem bellying upwards,  
transparent, like a dew-drop, head roundish,  
elastic, black. — Dickson. I. 111. 6.

With the former, but rarer.

1208. *Black Mould.* — M. embolus.

On a black bristle-shaped stem, hair woolly,  
brown.  
Rotten wood, Winter, Common.

*Fingered*

*F. Fungi. 300.*

1204. Obs:  
Stem very long, head round, first white,  
afterwards black.



1209. Obs:

In some specimens it bears a distant resemblance to the spikes of *Panicum sanguinale*.

1210. Obs:

Heads radiating, plant nearly scarlet.

1211. Obs:

Plant seen with the help of a magnifier, is like a small shrub.

1212. Obs:

Seeds sometimes simple, as often in bunches.

XXIV. Mushrooms. Crypt. Fungi.

1209. *Fingered Mould.* — *M. caespitosus*.  
On a branched stem, fructifications fingered. — Bulliard. 504. 11.

Rotten vegetables in woods, Winter, Rare.  
*Thurleigh Wood.*

1210. *Radiating Mould.* *M. crustaceus*.  
On a simple stem, fructifications radiating, terminal. — Bulliard. 504. 10.

Under mosses in woods, October, Rare.  
*Potton Wood.*

1211. *Grape Mould.* — *M. botrytis*.  
On a stem, fructifications in bunches. — Bulliard. 504. 7.

On the caps of old Boleti. October, Rare.  
*Clapham Lane.*

1212. *Golden Mould.* — *M. chrysospermus*.  
Stems erect, with very numerous roundish seeds, at first white, afterwards gold-colored. — Bulliard. 504. 1.

On the caps of old Boleti, October, Common.

1213. *Stick Mould.* — *M. lignifractus*.  
Pimple-shaped, at first white, afterwards green, stems very fine, branched, intermixed, seeds very minute, roundish, scattered. — Bulliard. 504. 6.



## XXIV. Mushrooms. Crypt. Fungi.

Rotten boughs, Winter, Common.

1214. *Granulous Mould.* — *M. granulosus.*

Incrusted, blackish, seed-covers sitting, adhering as well to the upper as under surface of the leaves. — Bulliard. 504. 5.

Rotten leaves, Winter, Common.

1215. *Sessile Mould.* — *M. Erisyphe.*

White, heads brown, sitting. — Bulliard. 504. 12.

Decayed leaves, September, Common.

1216. *Cheese Mould.* — *M. caseus.*

Crust rather leather-like; stems very short, heads or seeds roundish, white, yellow or scarlet. — E. Fungi. 180.

Cheese in damp Cellars, Common.

1217. *Orange Mould.* — *M. aurantius.*

Crustaceous, stems branched, creeping, seeds few, roundish, scattered, very minute, orange-colored. — Bulliard. 504. 5.

Inside of willows, Winter, Rare.

*Goldington.*

Plants

1215. Obs:

This Mushroom is red in its first state, afterwards brownish-black.

1215. White Upright Turret — *T. hybridus.*

Heads somewhat umbel-like, made with 4 seeds in each, stem ascending — Vailant. XXII. 5.

Moist pastures, May, P. Rare.

*Goldington pastures.*

Turrets on the Female. Grand. Dand.

1215. *Sessile Mould.* — *M. Erisyphe.*

~~1215. *Sessile Mould.* — *M. Erisyphe.*  
Heads white, stems very short, heads or seeds roundish, white, yellow or scarlet. — E. Fungi. 180.  
Cheese in damp Cellars, Common.~~

~~1215. *Sessile Mould.* — *M. Erisyphe.*  
Heads white, stems very short, heads or seeds roundish, white, yellow or scarlet. — E. Fungi. 180.  
Cheese in damp Cellars, Common.~~



## Plants added.

Threads in I Set. X Males. Monad. Decand.

1218. *Bloody Crane's-bill.* — *G. sanguineum.*

Fruitstalks with 1 flower, leaves with 5 divisions, subdivisions trifid, outline circular. — Sowerby. 272.

Hedge bottoms, May, P. Rare.

Potton. Mr. RUGELY.

Threads in II Sets. X Males. Diad. Decand.

1219. *White Upright Trefoil.* — *T. hybridum.*

Heads somewhat umbel-like, shells with 4 seeds in each, stem ascending. — Vaillant. XXII. 5.

Moist pastures, May, P. Rare.

Caldwell pastures.

Threads on the Female. Gynand. Diand.

1220. *Spider Ophrys.* — *O. aranifera.*

Bulbs roundish, stem leafy, lip of the nectary roundish, entire, nicked, convex. — Sowerby. 65.

Old sand and gravel pits, May, P. Rare.

Soutbill. Mr. P. WALKER.

Juniper

~~\* 1220. *Man Ophrys* — *O. antherophora.*  
 Bulbs roundish, stem leafy, lip strap-shaped  
 in 3 divisions, the middlemost elongated  
 and cloven — *English Botany.*  
 Sowerby. 29.  
 Pastures. June. P. Rare  
 Pottenhall, on the borders of Hunts  
 Rev<sup>d</sup>. J. Martyn. P. B.  
 Helm<sup>ts</sup> brownish~~



II Houses. Threads in many Sets. Dioec. Monad.

*Juniper.* JUNIPERUS. Gen. Pl. 1552.

Male. — Cup of the catkin scaly. Blossom none.

Female. — Cup of 3 divisions. Petals 3. Styles 3. Berry 4-seeded. Tubercles of the unequal cup three.

1221. *Juniper Tree.* — *J. communis.*

Leaves in threes, expanding, pointed, longer than the berry. — Blackwell. 187.

Hilly spots, May, S. Rare.

*Warden.*

XXIV. Mushrooms. Crypt. Fungi.

\* Agarics, solid and decurrent.

1222. *Golden Agaric.* — *A. aureus.*

Gills orange with a leaden cast, 4 in a set, cap deep-orange or gold-colored, stem lighter, ring permanent. — E. Fungi. 77.

Woods, Autumn, Rare.

*Clapham Park Wood.*

\* \* Solid and fixed.

1223. *Pinky Agaric.* — *A. puniceus.*

Gills white, 4 in a set, cap pinky, convex, stem white. — (*Wilbering.*)

Woods, October, Common.

*Purplish*



## XXIV. Mushrooms. Crypt. Fungi.

1224. *Purplish Agaric.* — *A. subpurpurascens.*

Gills reddish-brown, cap brown, purplish at the edge, stem violet-colored, scurfy, bulbous at the base. — Batsch. 74.

Pastures, October, Common.

1225. *Uncurtained Agaric.* — *A. nudus.*

Gills cool-brown, numerous, 4 or 8 in a set, cap brown, gently convex, concave with age, satiny when dry, stem brown. — (*Withering.*) Bulliard. 439. ( the lower figures. )

Woods, October, Rare.

Warden, — Clapham Park.









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- p. 43. Borago for 217. read 36  
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p. 153. Genista tinctoria for Sowerby 94 read 44  
p. 147. Convolvulus <sup>arvensis.</sup> sepium for Sowerby 313. read 312.  
p. 48. Convolvulus sepium for Sowerby 312 read 313  
p. 197. Chara vulgaris for Sowerby. 236 read 336

M<sup>r</sup>. Sowerby's further  
Desiderata not in this work.

Lichen	incanus	with 9	page 2.
	solithus	—	3
	lacteus	—	5
	atro-virens	—	13
	rupicola	—	13
	compositus	—	13
	rufus	—	70.
	candicans	—	17
	subimbricatus	—	10
	frustulosus	—	19
	canescens	—	20
	cupularis	—	22
	crenulatus	—	17
	leucocephalus	—	20?
	psora	—	26.
	luridus	—	20
	diffusus	—	32
	fulvus	—	33
	marginalis?	—	34



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