A

# CATALOGUE OF PLANTS

COLLECTED IN THE NEIGHBOURHOOD OF

# BANBURY.

BY GEORGE GULLIVER, F.R.S., F.Z.S.,

ASSISTANT-SURGEON TO THE ROYAL REGIMENT OF
HORSE GUARDS.

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"All are for use, for health, for pleasure given,
All speak in various ways the bounteous hand of Heaven."

CHARLOTTE SMITH.

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# INTRODUCTION.

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THE truth of the opinion, long since expressed by the Rev. Gilbert White, that every district should have its monography, has at length become so generally recognised, that the utility of accurate local lists of natural productions is no longer doubted; for such lists are not only especially useful to students in the neighbourhood, but are calculated to be more generally interesting, as affording the most authentic materials for promoting a knowledge of the geographical distribution of species, now become peculiarly important in connexion with other branches of science.

With the conviction therefore that any effort of this kind, however circumscribed, cannot be altogether devoid of interest, I am induced to contribute to our Midland Flora, a Catalogue of Plants collected in the neighbourhood of BANBURY. This place, I believe, has scarcely yet been noticed in any general or local British Flora. I do not recollect that Dr. Sibthorp once mentions Banbury in his *Flora Oxoniensis;* and Mr. Purton seems to have been equally unacquainted with the neighbourhood when his *Midland Flora* appeared,

although this work exhibits an example of patient inquiry, which has probably never been surpassed in any similar publication. The valuable *Flora of Oxfordshire*, by Dr. Walker, is deficient in that interesting and extensive portion of the vegetable kingdom comprised in the Linnæan class cryptogamia; and I apprehend that the admirable illustration of this class commenced some years ago by that excellent botanist, Mr. Baxter, in his *Stirpes Cryptogamæ Oxonienses*, was limited to the vicinity of Oxford. In short, although Banbury is the centre of a most important agricultural district, I am not aware that any thing concerning its Flora has yet been published; or indeed that any botanist, with the exception of Mr. Alfred Beesley and myself, has diligently collected the plants growing wild in this fertile tract of the midland counties.

The Catalogue now given is confined to the species preserved in my herbarium, at present in the possession of the Literary Society of Chatham; and many plants probably belonging to the neighbourhood of Banbury have been excluded from the present list, either because my notes appeared to be insufficiently explicit, or the dried specimens, as of the genus *Salix*, having been procured from a distance, no memoranda could be found indicating that I had seen the same species growing near Banbury. The herbarium was formed at an early period of my life, chiefly between the years 1818 and 1824. In the determination of the species I was assisted, in all doubtful cases, either by the late Mr. Purton of Alcester, or by Mr. Baxter of Oxford; and though so many years have elapsed

since I took a final leave of botany, I retain as vivid a sense as ever of the friendly and generous spirit in which their aid was bestowed, and a grateful recollection of the kindly feelings which may be fostered in the pursuit of botanical knowledge.

In the arrangement of the list, the plan of Dr. Hooker's *Flora Scotica* has been adopted; the phenogamous plants being grouped according to the artificial system of Linnæus, as most convenient for reference, and the cryptogamous plants according to their natural affinities. Of the former, the names are such as are to be found in Mr. Purton's *Midland Flora*, 1817—1821; the Fungi are named from Persoon's *Synopsis Methodica Fungorum*, 1801; the Lichens from the *Synopsis Methodica Lichenum* of Acharius, 1814; and the Mosses from Hooker and Taylor's *Muscologia Britannica*, 1818. When a plant occurred which is not mentioned in these works, or an additional reference appeared to be required, some other authority has been cited. But as brevity is desirable in a work merely pretending, as far as it goes, to the character of an index, the addition of synonyma has been avoided as far as was consistent with perspicuity, and the English names have been omitted altogether. On these particulars the works already referred to will supply tolerably ample information; and the *British Flora*, by Sir William Jackson Hooker and the Rev. J. M. Berkeley, may almost invariably be consulted with advantage. In truth, it is perhaps to be regretted that this classical work was not implicitly followed in the arrangement and nomenclature of the Catalogue. I was led, however, to prefer the writings which had

been uniformly used in ascertaining the species, because the chances of error were thus circumscribed, particularly as I could not avail myself of the opportunity of comparing the specimens with more modern descriptions; and there can be little or no difficulty in finding any of the names mentioned in the Catalogue in the different systematic works on English Botany. The genus *Erineum* indeed is not contained in Mr. Berkeley's comprehensive account of the British Fungi, but I am not aware that he has assigned his reasons for the exclusion, since the name of the genus does not occur in his index. If recent observations have shewn that the Erineum is not truly a distinct vegetable, but merely a disease or change in the tissue or cells of living plants, this would of course be conclusive against the continuance of the genus although the fact would present much claim to attention from its physiological interest. At all events some diseases of plants are known to be connected with the developement in their substance of other plants of a lower, but quite independent organization although doubtless the disease is often of a different nature, just as animals may suffer from various morbid states proper to their own tissues, as well as from the ravages of numerous parasites of a comparatively low but distinct and very curious structure, of which the *Entozoa* present familiar examples.

With regard to the soil or situation in which the plants were found, when a species is mentioned without further notice, it is to be inferred that it was collected in the neighbourhood of Banbury, as indicated in my memoranda simply by the name of the town

after that of the plant, and from which it may be concluded that nothing appeared to require any remark, as was the case with the greater number of the phenogamous plants. But as so little is generally known about the cryptogamous plants, the localities where they grew have been pointed out with more precision, with the hope of giving increased facilities towards the study of this curious and interesting tribe, and with the conviction that those who may be induced to devote attention to the subject will find it a source of unmixed pleasure and improvement.

Indeed, botanical pursuits are peculiarly adapted to cherish gentle thoughts and calm desires, to endear many a rural walk, and give delightful associations to each sequestered nook, each bushy dell and bosky bourn. In the spring and summer months, every field is a wilderness of beauty for our contemplation and enjoyment, every copse or hedge-row is redolent of sweets; a lesson full of meaning is then conveyed to us with touching simplicity, proclaiming gently but irresistably, and in cheerfulness and peace,

> "A temple in each grove that spreads
> Its living roof above our heads."

But Flora smiles as sweetly even in her most humble dress. Her wintry productions, unpromising as they may at first appear, are not the less interesting for their lowliness, for they teem with riches which fertilize decay, and are prolific amid sterility. Some of her most curious fruits seem especially designed to cheer the dreary months, as if to shew how bountifully the means of occupation and happiness are

spread before us, and how cheaply some of our truest pleasures may be purchased. And who can appreciate this without being thankful for a such lavish dispensation of blessings; without feeling that even the most lowly things are not the least significant, and that nature is every where pregnant with the best kind of instruction? For my own part, although other occupations have long since diverted me from the study of these meek offerings of Flora, I cannot but remember how pleasant it was, how it extended and refined amusements, and beguiled and sweetened the dull routine of ordinary duties.

Banbury is situated on the west side of the river Cherwell, near the northern extremity of Oxfordshire in the centre of a district of rich red land, remarkable alike for its fertility and populousness. The town which is about 69 miles N. W. of London, and 22 N. of Oxford, is scarcely five miles from the nearest point of the county of Warwick, and is separated from Northamptonshire by the river only. But it is unnecessary to add any thing further on this subject, as Mr. Alfred Beesley's *History of Banbury*, a work of great accuracy and research, is now in course of publication.

*May*, 1841.

## ADDENDA ET ERRATA.

*(Omitted, under* Tetrandria—Tetragynia, *page* 4.*)*

Potamogeton natans. *In the Cherwell, near the bridge*
Sagina procumbens. *Gravel walks. Bodicot. Drayton*

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Page 4, line 15, for *Alchemella*, read *Alchemilla*
Page 8, line 19, for *Acer Pseudo-plantanus*, read *Acer Pseudo-platanus*
Page 10, lines 19 and 20, for *Oxycantha*, read *Oxyacantha*
Page 17, line 23, for *Tussilato*, read *Tussilago*
Page 19, line 24, for *Byronia*, read *Bryonia*
Page 20, line 18, for *Tamus commuuis*, read *Tamus communis*
Page 25, for *Zyloma*, read *Xyloma*
Page 30, line 27, for *E. agariciformis*, read *E. agariciforme*
Page 35, line 8, for *dilalata*, read *dilatata*
Page 35, line 23, for *Tortula ridiga*, read *Tortula rigida*
Page 35, last line but one, for *an*, read *on*.

# CATALOGUE.

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## MONANDRIA—MONOGYNIA.

Hippuris vulgaris. *Near Drayton*

## DIANDRIA—MONOGYNIA.

Ligustrum vulgare
Veronica serpyllifolia
V. Anagallis
V. Beccabunga
V. officinalis. *Chipping Norton*
V. Chamædrys
V. hederifolia
V. agrestis
V. arvensis
Lycopus Europæus. *Canal side, second March*
Circæa Lutetiana. *Shady places. Between Drayton and Wroxton*
Fraxinus excelsior
Lemna minor

(The genus Lemna is sometimes placed in cl. Monœcia, ord. Diandria.)

## DIANDRIA—DIGYNIA.

Anthoxanthum odoratum

## TRIANDRIA—MONOGYNIA.

Valeriana dioica. *Drayton Lane. Adderbury*

V. officinalis. *Damp places. Canal side*

V. Locusta (Fedia olitoria, Hook.) *Drayton Lane. Adderbury*

Scirpus lacustris. *Canal side, second March*

S. sylvaticus. *Canal side*

S. palustris. (Eleocharis palustris, Hook.) *Cherwell*

Eriophorum angustifolium. *Brook side, near Drayton Lane*

Nardus stricta. *Furze ground, near Hanwell*

## TRIANDRIA—DIGYNIA.

Alopecurus pratensis

A. agrestis

A. geniculatus

Phalaris Canariensis. *Neithorp*

P. arundinacea. *In a ditch at Neithorp*

Phleum pratense. *Meadows. Second March*

Agrostis vulgaris

Aira aquatica. (Catabrosa aquatica, Hook.) *In a ditch, Berrymoor*

A. cæspitosa

A. caryophyllea. *Near Wroxton mill*

Holcus mollis. *The Causeway*

H. lanatus, Linn. *Meadows*

H. avenaceus. (Arrhenatherum avenaceum, Hook.—Avena elatior, Linn.)

Poa aquatica. *Ditches. The Marches. Canal side*

P. fluitans, E. B. 1520. (Festuca, Linn.) *Third March, by the side of the canal*

P. rigida. *On walls, New Land. Adderbury*

P. trivalis. *Moist meadows. Near the stone-pit, Bloxham road*
P. pratensis. *Meadows*
P. annua
Briza media
Dactylis glomerata
Cynosurus cristatus
Festuca duriuscula. *Meadows. Wroxton*
F. loliacea
F. pratensis
F. sylvatica. (Brachypodium sylvaticum, Hook.) *First March*
Bromus asper
B. sterilis. *Road sides*
B. mollis. *Meadows*
B. hirsurtus, Curtis
Avena fatua
A. flavescens
Arundo Phragmites
Hordeum murinum
H. pratense
Triticum repens
Lolium perenne
L. perenne, var. 2.

## TETRANDRIA—MONOGYNIA.

Dipsacus sylvestris
Scabiosa arvensis. (Knautia arvensis, Hook.)
S. columbaria
Galium verum. *Sides of fields and dry banks*
G. cruciatum, Linn. *Hedge banks*
G. palustre. *Ditch banks*

G. saxatile. (G. procumbens, With.) *Furze ground, and on moles' hills, near Hanwell. Hooknorton*

G. Mollugo. *Common. Grimsbury*

G. Aparine. *Hedges*

Asperula odorata. *Edgehill*

Sherardia arvensis. *Near Bloxham. Withycomb, on moles' hills. Wroxton.*

Plantago major

P. media

P. lanceolata

Cornus sanguinea. *Road to Adderbury. Hardwick road, near the canal*

Parietaria officinalis. *Drayton. Wroxton. Broughton. Adderbury*

Alchemella vulgaris. *Behind the Keeper's lodge, Wroxton*

Sanguisorba officinalis. *Towards King's Sutton, by the side of the canal. Between Williamscot and Cropredy*

## TETRANDRIA—TETRAGYNIA.

Potamogeton pectinatus. *In the canal*

P. crispus. *In the canal. Wroxton pond*

P. perfoliatus. *Canal, near Hardwick*

## PENTANDRIA—MONOGYNIA.

Echium vulgare. *Broughton road*

Pulmonaria officinalis, Linn. *Hanwell plantation*

Lithospermum officinale. *Common. Drayton lane*

L. arvense. *Corn Fields*

Symphytum officinale. *Banks and ditches, near Adderbury*

Myosotis palustris
M. arvensis
M. versicolor. *Near Adderbury*
Cynoglossum officinale. *Bloxham road*
Anagallis arvensis
Lysimachia Nemorum. *Near Chipping Norton*
L. Nummularia. *Common. Staley's meadow. Austin's meadow*
Primula vulgaris. *Bourton. Wroxton. Edgehill*
P. officinalis. (P. veris, Hook.) *Newbottle. Adderbury. Not uncommon in light pastures*
Menyanthes trifoliata. *Damp meadows, near King's mill*
Erythræa Centaurium. (Chironia Centaurium, E. B. 417.) *A little beyond North Newington. Edgehill*
Hyoscyamus niger. *Easington. Bloxham road*
Solanum Dulcamara. *Common in hedges and thickets*
Verbascum Thapsus. *Common. Staley's meadow*
Convolvulus arvensis
Vinca major. *Thickets, groves, and damp places, at Wroxton*
Campanula rotundifolia *Bretch. Andrews' pits.*
C. Trachelium. *Corn-field, near Adderbury. Radway*
C. glomerata. *Andrews' Pits*
C. hybrida. *Near Hanwell. Corn-fields beyond Neithorp*
Caprifolium Periclymenum. (Lonicera Periclymenum, E. B. 800.) *Hedges. Bloxham road. Crouch hill*
Rhamnus catharticus. *Frequent in hedges*
Viola hirta. *Near Bodicot mill*
V. odorata. *Very common*

V. canina *Bloxham road*
V. tricolor. *Corn-fields. On a wall at Neithorp*
Ribes rubrum. *North side of Drayton lane*
Hedera Helix

## PENTANDRIA—DIGYNIA.

Sanicula Europæa. *Wroxton lane*
Conium maculatum. *Bodicot road. Hedge between the first March and the Castle garden*
Sium nodiflorum. (Heliosciadium nodiflorum, Hook.) *Ditches. Berrymoor. The Vineyards*
Ægopodium Podagraria
Bunium flexuosum
Pimpinella Saxifraga. *Road to Hanwell. Bretch*
Œnanthe fistulosa. *In trenches, Austin's meadow*
Æthusa Cynapium. *Kitchen gardens*
Angelica sylvestris
Peucedanum Silaus. (Silaus pratensis, Hook.) *Grimsbury mill. First March*
Pastinaca sativa. *Bodicot road*
Heracleum Sphondylium
Daucus Carota. *Hedge sides, Bodicot road*
Torilis Anthriscus. (Caucalis Anthriscus, E. B. 987.) *Hedges. Bodicot road*
T. nodosa. (Caucalis nodosa, E. B. 199.) *Dry gravelly places. On a bank at Oxford Bar. Drayton*
Scandix Pecten-Veneris
S. Anthriscus. (Anthriscus vulgaris, Hook.) *On a wall in New Land*
Chærophyllum temulentum. *Common*
C. sylvestre. (Anthriscus sylvestris, Hook.) *Bodicot road*

Chenopodium Bonus Henricus.
C. rubrum
C. album

## PENTANDRIA—TRIGYNIA.

Viburnum Lantana
V. Opulus
Sambucus Ebulus. *Near Hanwell, by the foot road*
S. nigra

## PENTANDRIA—PENTAGYNIA.

Linum usitatissimum. *Hooknorton*
L. cartharticum. *Near Bodicot mill. Andrews' pits. Bretch*

## HEXANDRIA—MONYGYNIA.

Berberis vulgaris. *Wickham lane*
Galanthus nivalis. *Hanwell plantation*
Narcissus Pseudo Narcissus
Ornithogalum umbellatum. *Near Bodicot mill*
Scilla nutans. (Hyacynthus non scriptus, Linn.) *The Gatteridges*
Juncus glaucus, Sibth. *Canal side, near Grimsbury wharf*
J. effusus. *Near Hardwick gate and Grimsbury wharf*
J. conglomeratus. *Common. Canal side*
J. acutiflorus. (J. articulatus, E. B. 238.) *Third March, by the canal*
J. lampocarpus. *Canal side, third March*
J. bufonius. *In trenches, first March. In a ditch, New Land*
Juncus campestris. (Luzula campestris, Hook.) *Not*

*uncommon. Canal side, a quarter of a mile towards King's Sutton*

## HEXANDRIA—TRIGYNIA.

Rumex aquaticus, Smith. (R. Hydrolapathum, Hook.) *Cherwell, near the bridge*

R. crispus. *Way sides. Bloxham road*

R. acutus. *Road sides. Hardwick*

R. obtusifolius. *Waste places. Bloxham road*

R. Acetosa. *Abundant in pastures*

R. Acetosella. *Dry fields. Between Wickham and Bodicot. Near Broughton.*

Triglochin palustre. *Canal side, a quarter of a mile towards King's Sutton. Boggy field, near Hanwell*

Colchicum autumnale. *Meadows about North Newington*

## HEXANDRIA—POLYGYNIA.

Alisma Plantago. *Not uncommon in the Cherwell*

## OCTANDRIA—MONYGYNIA.

Acer Pseudo-plantanus

A. campestre

Erica vulgaris. (Calluna vulgaris, Hook.) *Hook norton.*

Epilobium hirsutum. *Ditches.*

E. montanum. *Hedges and ditches*

## OCTANDRIA—TRIGYNIA.

Polygonum aviculare. *Rubbish and way sides*

P. Convolvulus. *Common.*

P. amphibium, α. *aquaticum. Wroxton pond*

P. amphibium, *β. terrestre.* *Second March*
P. Persicaria. *Rubbish.* *Ditch banks*
P. lapathifolium. *The mill field, with P. Persicaria*
P. Hydropiper. *Cherwell side, near the bridge*

## OCTANDRIA—TETRAGYNIA.

Paris quadrifolia. *Sarsgrove, near Chipping Norton*

## ENNEANDRIA—HEXAGYNIA.

Butomus umbellatus. *River Cherwell.* *Canal side, in the second March*

## DECANDRIA—DIGYNIA.

Saxifraga granulata. *Near Adderbury*
S. tridactylites. *Common on mud walls*

## DECANDRIA—TRIGYNIA.

Silene inflata. (Cucubalus Behen. E. B. 164.)
Stellaria media. (Alsine media, Linn.)
S. holostea. *Drayton lane*
S. graminea. *Canal side.* *Drayton lane*
Arenaria trinervis. *Causeway.* *Near the Eye Spring*
A. serpyllifolia. *Old walls and dry rubbish*
A. tenuifolia, E. B. 219. *Sandy pastures.* *Bretch*

## DECANDRIA—PENTAGYNIA.

edum acre. *Walls, and roofs of thatched buildings*
. reflexum. *Near Hanwell churchyard, and North Newington paper mill.* *Deddington Castle*
grostemma Githago
ychnis Flos-Cuculi
. dioica alba, Smith

L. dioica rubra, Smith
Cerastium vulgatum. *Road sides*
C. viscosum. *Meadows. Berrymoor*
C. arvense
C. aquaticum
Spergula arvensis. *Near Adderbury*

## DODECANDRIA—MONOGYNIA.

Lythrum Salicaria. *Watery places. Cherwell, near the bridge*

## DODECANDRIA—DIGYNIA.

Agrimonia Eupatorium. *Near Bodicot. Adderbury, North Newington*

## DODECANDRIA—TRIGYNIA.

Reseda Luteola. *Rubbish. Bodicot road, near the nursery*

## ICOSANDRIA—MONOGYNIA.

Prunus spinosa

## ICOSANDRIA—PENTAGYNIA.

Cratægus Oxycantha. (Mespilus, E. B. 2504.)
C. Oxycantha, var. β
Pyrus Malus
P. aucuparia. (Sorbus, E. B. 337.)
Spiræa Filipendula. *Near Shutford*
S. Ulmaria. *Very common*

## ICOSANDRIA—POLYGYNIA.

Rosa canina. *Very common*

Rubus idæus. *Near Wroxton mill*

R. fructicosus

Fragaria vesca

Potentilla anserina. *Road sides*

P. reptans. *Way-sides and pastures*

Tormentilla officinalis. *Near Adderbury. Hooknorton heath*

T. reptans, Linn. (My specimens seem quite distinct from Potentilla reptans.) *Hooknorton heath. Wigginton heath*

Geum urbanum. *Frequent in hedges and thickets*

## POLYANDRIA—MONOGYNIA.

Papaver Rhæas

Chelidonium majus. *Waste places. Path leading to the Marches*

Cistus Helianthemum. *Bretch. Hooknorton heath*

Tilia Europæa

Nymphæa lutea. *Abounds in the Cherwell*

## POLYANDRIA—PENTAGYNIA.

Delphinium Consolida, Linn. *Near Deddington paper mill*

(Sometimes put in the order Trigynia.)

Aconitum Napellus. *Near Deddington paper mill*

(I have neither seen this nor the preceding plant elsewhere. Perhaps they may both have escaped from a garden.)

## POLYANDRIA—POLYGYNIA.

Thalictrum flavum. *Near Banbury mill. North Newington*

Anemone nemorosa. *Wroxton*

Ranunculus aquatilis, Linn. *Ditches. Pool near the Causeway*
R. circinatus, Sibth. *Often with the preceding*
R. Flammula. *Ditch sides. Hornton. Wroxton mill. Shutford*
R. Ficaria. *Very common*
R. sceleratus. *Pool near the dyehouse. Wroxton pond*
R. acris. *Common in meadows*
R. repens. *Frequent in rank pastures*
R. bulbosus. *Common in meadows and pastures*
R. arvensis. *Corn-fields. Near Neithorp*
Caltha palustris. *Very common*
Helleborus viridis. *Hanwell plantation*

(The Hellebore is placed under this order in Dr. Hooker's *Flora Scotica*, and under the order Pentagynia in his *British Flora*.)

## DIDYNAMIA—GYMNOSPERMIA.

Mentha aquatica. *Banks of Wroxton great pond*
M. hirsuta. *Canal side*
Thymus Serpyllum. *Dry pastures*
T. Acinos. (Acinos vulgaris, Hook.) *Stone pit at Broughton*
Ajuga reptans
Ballota nigra. *Near Bodicot*
Galeobdolon luteum. *Brackley road. Radway wood*
Galeopsis Ladanum, E. B. 884. *Fields at North Newington*
G. Tetrahit. *Near Wroxton mill. North Newington*
Lamium album
L. purpureum
L. amplexicaule. *Sandy fields, and on walls*
Stachys sylvatica. *Shady hedges*

S. palustris. *Ditches. Side of the Cherwell*
S. Germanica. *First March*
Glechoma hederacea
Clinopodium vulgare. *Drayton lane*
Prunella vulgaris
Scutellaria galericulata

## DIDYNAMIA—ANGIOSPERMIA.

Bartsia Odontites. *Canal side, and in corn-fields*
Euphrasia officinalis. *Bretch. Crouch lane*
Rhinanthus Christa-galli. *Common in pastures*
Pedicularis palustris. *Broughton*
P. sylvatica. *Furze ground, Hanwell*
Antirrhinum Linaria. (Linaria vulgaris, Hook.) *Broughton. Drayton*
Scrophularia aquatica
Verbena officinalis. *Shutford. Hooknorton*

(This plant is frequently placed in the preceding order.)

## TETRADYNAMIA—SILICULOSA.

Coronopus Ruellii, E. B. 1660. (Cochlearia Coronopus, Linn.)
Isatis tinctoria, E. B. 97. *Fields between Broughton and North Newington.* (It is, or was, cultivated at the latter place)
Vella annua. *Not uncommon. Neithorp*
Thlaspi Bursa-pastoris. (Capsella, Hook.)
Draba verna

## TETRADYNAMIA—SILIQUOSA.

Cardamine pratensis
C. hirsuta. *Damp shady places. Near Grimsbury*

Barbarea vulgaris, Hook. (Erysimum Barbarea, E. B. 443.) *Not uncommon in hedges*

Nasturtium officinale, Hook. (Sisymbrium Nasturtium, E. B. 855.)

N. sylvestre, Hook. (Sisymbrium sylvestre, E. B. 2324.) *Canal side, third March, near the bridge*

N. terrestre, Hook. (Sisymbrium terrestre, E. B. 1747.) *Side of the Mill dam*

Sisymbrium officinale, Hook. (Erysimum officinale, E. B. 735.) *Abundant in by-ways and hedges*

S. Sophia. *In the churchyard*

S. thalianum, Hook. (Arabis thaliana, E. B. 901.) *On walls at Aynho*

Erysimum cheiranthoides, E. B. 942. *Near King's Sutton*

E. Alliaria. *Grimsbury. Near the canal*

Hesperis inodora, E. B. 731. (H. matronalis, Hook.) *Near Adderbury*

## MONODELPHIA—PENTANDRIA.

Erodium cicutarium. (Geranium, Linn.) *Near Adderbury. On walls at Bodicot. North Newington. Wroxton*

## MONODELPHIA—DECANDRIA.

Geranium pratense. *Rather common. Brook side, near Grimsbury. Between Little Bourton and Huscot.*

G. lucidum. *Lane leading from Bodicot to Mr. Whittlesee's*

G. Robertianum. *Very common*

G. molle. *Not uncommon. Bloxham road*

G. dissectum. *Road sides*

## MONODELPHIA—Polyandria.

Malva sylvestris. *Common*

M. rotundifolia. *Frequent. Adderbury road. On the bank at Oxford Bar*

M. moschata. *Andrews' pits*

## DIADELPHIA—Hexandria.

Fumaria officinalis. *Common. Armitt's garden*

## DIADELPHIA—Octandria.

Polygala vulgaris. *Hanwell. Shutford. Between Balscot and Alkerton*

## DIADELPHIA—Decandria.

Ulex Europæus

Genista tinctoria. *Near Hornton. Valley between North Newington and Balscot*

Ononis arvensis. *Not uncommon*

O. spinosa. *Near Wroxton mill*

Anthyllis vulneraria. *Near Horley*

Lathyrus Nissolia. *In a corn-field between Shutford and Bourton*

L. pratensis. *Canal side, second March. Bloxham road*

Vicia Cracca. *Near the canal, towards King's Sutton*

V. sativa. *Near mill field. Fir plantation, Bodicot road. Near King's Sutton*

V. sepium. *Andrews' pits*

Ervum hirsutum

E. tetraspermum

Astragalus glycyphyllos. *Bretch. Andrews' pits*

Hedysarum Onobrychis. *Bretch*

Trifolium officinale. (Melilotus officinalis, Hook.)

T. repens
T. pratense
T. arvense. *On walls at Shenington*
T. procumbens. *Corn-fields. Lane leading from Bodicot to Wickham*
Lotus corniculatus. *Common on sunny banks*
Medicago lupulina. *Pastures. Corn-field near Armitt's garden*

## POLYADELPHIA—POLYANDRIA.

Hypericum quadrangulum. *Hanwell*
H. perforatum. *Common*
H. dubium, E. B. 296. *Near Adderbury. In a plantation near Wroxton mill*
H. humifusum. *Wroxton heath*
H. hirsutum. *Near Drayton*

## SYNGENESIA—POLYGAMIA ÆQUALIS.

Tragapogon pratensis. *Frequent. Farm field*
Apargia hispida. (Hedypnois, E. B. 554. Leontodon, Linn.)
A. autumnalis. (Hedypnois, E. B. 830. Leontodon, Linn.)
Hypochæris radicata
Crepis tectorum. (C. virens, Hook.) *Road sides and dry pastures*
Sonchus palustris. *Rather common. Canal side*
S. arvensis. *Corn-fields on the way to Bloxham*
S. oleraceus
Leontodon Taraxacum
Hieraceum Pilosella. *Not uncommon. Drayton lane, Wroxton, near the Tuscan Temple*

Lapsana communis. *Hedges. Near Tomalin's nursery*
Cichorium Intybus. *Near Deddington*
Arctium Lappa
A. Bardana, Willd.
Carduus nutans. *Common. Bloxham road*
C. acanthoides. (C. polyacanthos, Curt.) *Common. New Land*
Cnicus lanceolatus. (Carduus, Linn.) *Road sides*
C. palustris. (Carduus, Linn.) *Rather common*
C. arvensis. (Serratula, Linn.) *Very common*
C. eriophorus. (Carduus, Linn.) *Hardwick hill. Bretch. Andrews' pits*
C. acaulis. (Carduus, Linn.) *Bretch. Beyond Neithorp.*
Bidens tripartita. *Third March, by the canal side*
Eupatorium cannabinum. *Wroxton. Adderbury. Wickham*

## SYNGENESIA—POLYGAMIA SUPERFLUA.

Artemisia vulgaris
Gnaphalium uliginosum. *Near the hop-fields*
G. Germanicum. (Filago, Hook.) *Not uncommon. Crouch lane. Near Adderbury*
Tussilato Farfara
T. Petasites. (Petasites vulgaris, Hook.)
Senecio vulgaris
S. sylvaticus. *Springe hill*
S. Jacobæa. *Not very abundant. Near North Newington*
S. aquaticus. *Austin's meadow. Canal side*
Inula dysenterica. (Pulicaria, Hook.)
Bellis perennis

Chrysanthemum Leucanthemum
C. segetum
C. Parthenium. (Matricaria, Linn. Pyrethrum, Sm.)
C. inodorum. (Pyrethrum, Sm.)
Matricaria Chamomilla. *Waste places and road sides. On a wall at Neithorp*
Anthemis Cotula
Achillea Ptarmica
A. Millefolium

## SYNGENESIA—POLYGAMIA FRUSTRANEA.

Centaurea nigra
C. Cyanus
C. Scabiosa

## GYNANDRIA—DIANDRIA.

Orchis Morio. *Behind the keeper's lodge, Wroxton*
O. mascula. *Hanwell oak plantation*
O. pyramidalis. *Near Brackley*
O. latifolia. *Meadow near Bodicot mill. Canal side near the brick bridge towards King's Sutton.*
O. maculata. *Oak plantation, Hanwell*
O. conopsea. (Gymnadenia, Hook.) *Cottisford heath*
Listera ovata. (Ophrys, Linn.) *Hanwell oak plantation*

## MONŒCIA—MONANDRIA.

Euphorbia helioscopia
E. exigua
E. Peplus

(This genus is placed by some authors in the class Decandria, order Trigynia.)

Callitriche aquatica

(Put by some writers in class Monandria, order Digynia.)

## MONŒCIA—TRIANDRIA.

Typha latifolia
Sparganium ramosum. *Canal side. The Cherwell*
S. simplex. *Canal side, third March*
Carex remota. *Canal side, second March*
C. muricata. *Common*
C. vulpina. *Common*
C. paniculata. *Bog between Drayton and Wroxton. Pool near Drayton*
C. acuta. *Side of canal, second March*
C. lævigata, Smith. *In the first March, near the path*
C. hirta. *In a plantation near Adderbury. Near Bodicot church*
C. paludosa. *In the Marches. Canal side, near Gallows bridge*
C. riparia. *Canal side, second March*

## MONŒCIA—TETRANDRIA.

Alnus glutinosa. (Betula Alnus, Linn.)
Urtica urens
U. dioica

## MONŒCIA—PENTANDRIA.

Byronia alba. (B. dioica, Hook.) *Hedges of the Causeway*

## MONŒCIA—POLYANDRIA.

Myriophyllum spicatum. *In a pond at Broughton*

Sagittaria sagittifolia. *Common. Canal side, third March. In the Cherwell, near the bridge*

Arum maculatum. *Common*

Poterium Sanguisorba. *Drayton lane*

Quercus Robur

Q. sessiliflora. *In a plantation, Bodicot road*

Fagus sylvatica

F. Castanea. (Castanea vulgaris, Hook.) *Wroxton*

Betula alba. *Berrymoor.*

(Placed by some Authors in the order Tetrandria.)

Carpinus Betulus. *Berrymoor*

Corylus Avellana

## DIOECIA—TRIANDRIA.

Ruscus aculeatus. *Wyatt's close, West Street*

## DIOECIA—PENTANDRIA.

Humulus Lupulus

## DIOECIA—HEXANDRIA.

Tamus communis. *Frequent*

## DIOECIA—OCTANDRIA.

Populus alba

P. tremula

P. nigra

## DIOECIA—ENNEANDRIA.

Mercurialis perennis. *Near Warkworth. Horley*

## DIOECIA—MONADELPHIA.

Taxus baccata

## POLYGAMIA—MONŒCIA.

Atriplex angustifolia, Smith. *Frequent in waste place*

# CRYPTOGAMIA.

## ACOTYLEDONS—FUNGI.

Sphæria Hypoxylon. *Common on rotten wood and stumps of trees*

S. polymorpha. *Hanwell plantation*

S. coccinea. *On damp timber, Oxford Bar*

S. decolorans. *Common. On dead sticks near the spring.*

S. disciformis. *On hop poles, in the hop-field*

S. stigma. *Common.*

S. stigma *β. decorticata. Common*

S. fusca. *On dead hazel and hawthorn sticks, Drayton*

S. nivea. *On dead sticks, Horley*

S. quercina, Purton, 1590. *On dead oak branches, Hanwell plantation*

S. Prunastri. *On decaying branches of* Prunus spinosa, *Cropredy*

S. flavovirens. *Hanwell. Edgehill*

S. ribesia. (Dothidea ribesia, Berkeley.) *Castle Gardens*

S. undulata. *Broughton. Bodicot*

S. deusta. *Crouch hill*

S. herbarum. *On the stalks of herbaceous plants*

S. herbarum, *α. complanata. Common on holly leaves*

S. herbarum, *γ. tecta. On dead branches of Chervil, Wroxton*

S. punctiformis β. Hederæ. *Very common on dead leaves of Ivy*

S. punctiformis γ. ambigua. (Phacidium dentatum, Berkeley.) *On dead oak leaves, Wroxton*

S. Ægopodii. *On half dead leaves of* Ægopodium Podagraria, *between Wroxton and North Newington*

S. Taxi, Sow. (Crptosphæria Taxi, Grev.) *On dead leaves of the yew tree, Wroxton*

S. acuta. *On dead stalks of nettles, Neithorp*

S. Lauri, Sow. (Ceuthospora Lauri, Berkeley.) *On dead laurel leaves, Edgehill*

S. sanguinea. *Common on* S. decorticata; *also on the bare wood*

S. Laburni. *On decayed branches of* Laburnum, *behind Grimsbury mill*

S. inquinans. *On dead sticks, King's Sutton. Adderbury. Deddington*

S. inquinans, α. *Aceris. Not uncommon on dead sycamore sticks*

S. irregularis, Sow. *Not rare. Hanwell*

S. erecta, Purt. 1529. *On dead sticks, Adderbury and Wormleighton*

S. Bombarda. *On hop poles in Austin's field*

S. mammosa, Purt. 1085. (S. byssiseda, Tode and Berkeley.) *Plentifully on an old gate west of the Gatteridges*

S. Patella. (Phacidium Patella, Tode and Berkeley.) *On dead stems of umbelliferous plants near Hanwell*

S. Doliolum. *On dead stalks of grasses, road to the Vineyards*

S. spermoides. *On rotten wood near Bloxham*

S. corticis, Sow. and Fries. (Cryptosphæria millepunctata, Grev.) *Rather common on dead sticks*

Phacidium coronatum, Grev. *On dead leaves of* Fagus castanea *and* sylvatica, *Wroxton*

Hysterium gramineum, Grev. (H. culmigenum, Berkeley.) *Common on dead Grasses*

H. Fraxini. *On pea sticks in gardens, and on hop poles in Austin's field*

H. pulicare. *On the Oak, Wroxton*

H. Rubi (?) *Hornton*

H. quercinum. *On dead sticks near the Pest-house*

H. angustatum, Purton. (H. lineare, Berkeley.) *On old pales, Wroxton park*

H. conigenum. *Common on the dead cones of* Pinus sylvestris

Zyloma stellare. *On dead leaves of the Oak, near King's mill*

Z. salicinum. (Rhytisma salicinum, Berkeley.) *On Willow leaves near Grimsbury mill*

Z. Ulmi, Purt. 1574. *Very common on Elm leaves*

Z. salignum. (Phoma salignum, Berkeley.) *On fallen leaves of* Salix caprea. *Very common.*

Z. populinum. (Sphæria ceuthocarpa, Berkeley.) *On dead Poplar leaves*

Z. acerinum. (Rhytisma acerinum, Berkeley.) *Common on Sycamore and Maple leaves*

Z. Aquifolii, Decand. *On Holly leaves at Edgehill*

Tubercularia vulgaris. *On dead sticks near the Spring*

T. confluens. *On Beech trees beyond Neithorp. Maple stumps, Hanwell*

Sclerotium populneum. *Common on the under surface of the dead leaves of* Populus tremula *and* alba; *but never on the upper side of the leaf, as described by Persoon and Greville*

S. durum. *On dead herbaceous plants, near the Eye Spring*

Trichia ovata. (T. turbinata, Berkeley.) *In abundance on rotten stumps of trees, Edgehill*

Arcyria punicea (?)

Arcyria leucocephala. (Craterium leucocephalum, Berkeley.) *On dead leaves in a small plantation near the Keeper's lodge, Wroxton*

Stemonitis fasciculata, Greville. (S. fusca, Berkeley.) *Rather common on rotten wood*

Æcidium Epilobii, Decand. *On the leaves of* Epilobium montanum, *near Farnborough*

Æ. Berberidis. *On Berberry leaves, Bodicot road*

Æ. Asperifolii. (Perhaps the same as Æ. Urticæ of Decandolle, Greville, and Berkeley.) *On* Urtica dioica, *Bodicot mill; and at Little Bourton.*

Æ. Rhamni. *On the leaves of Buckthorn, Bodicot road*

Æ. crassum, β. Ficariæ. (Æ. Ranunculacearum, Decand. Æ. Ficariæ, Purton.) Æ. Rhamni of Purton is Æ. crassum of Persoon, according to Berkeley. In *Persoon's Synopsis*, both Æ. Rhamni and Æ. crassum are described as growing on Buckthorn leaves

Æ. Tussilaginis. *Common on* Tussilago Farfara

Æ. Oxyacanthæ. (Æ. laceratum, Berkeley.) *On Hawthorn leaves, in a field beyond the toll-gate, and a little to the south*

Æ. Ari, Greville. *On* Arum maculatum, *Wroxton park*

Æ. Violarum, Decand. *On* Viola canina, *Hanwell oak plantation*

Æ. Rumicis. *On* Rumex acutus, *Hardwick hill.*

Æ. Grossulariæ, Greville. *Common on Gooseberry leaves in gardens*

Æ. Anemones. (Æ. leucospermum, Berkeley.) *On the leaves of* Anemone nemorosa, *Wroxton.*

Æ. Primulæ, Decand. (?) *On Cowslip leaves at Newbottle*

Uredo miniata, β. Lini. (U. Lini, Greville and Berkeley.) *On leaves of* Linum catharticum, *beyond Neithorp*

U. Anemones. *On* Anemone nemorosa, *Wroxton wood*

U. confluens, β. Mercurialis perennis. *Warkworth*

U. Rosæ, Greville. *Common on the various species of* Rosa

U. Euphorbiæ helioscopiæ. *On* E. helioscopia, *Armit's garden. Broughton*

U. Rumicum, Decand. (?) *On* Rumex obtusifolius, *near Bloxham*

U. Menthæ. (U. Labiatarum, Decand.) *On* Mentha hirsuta, *Canal side*

U. populina. *On the leaves of* Populus nigra, *Hanwell*

U. populina, β. betulina. *On the leaves of* Betulus alba, *near the cascade, Wroxton; and at Broughton*

U. Rhinanthacearum, Decand. *Not uncommon on the leaves of* Eyebright *and* Red Bartsia

U. effusa, Grev. *On* Spiræa Ulmaria, *Bodicot mill; also on some species of* Rosa

U. Thlaspi, Sow. (U. Cruciferarum, Decand. U. candida, Berkeley.) *Very common on* Shepherds' purse, Hedge-mustard, *and other Cruciferæ*

U. Vitellinæ, Decand. *On Willow leaves, behind Grimsbury mill*

U. suaveolans. *On* Cnicus arvensis, *Wroxton*

U. pustulata, α. Epilobii. *On* Epilobium hirsutum, *in the Marches*

U. Tussilaginis. *Common on Coltsfoot leaves. Abundant near Grimsbury Wharf*

U. farinosa, α. Salicis capreæ. *On the leaves of* S. caprea, *near Nethercot*

U. farinosa, β. Senecionis. *On* Senecio sylvaticus, *Springe hill*

U. Sonchi arvensis. *On* S. arvensis, *at Bodicot and Bretch.*

U. segetum. *Very common on the glumes of various Grasses*

U. segetum. The varieties given by Persoon—*all common*

U. Polygonorum, Grev. *On* Polygonum amphibium, var. terrestre, *in the second March*

U. linearis, α. frumenti. *On* Poa aquatica, *in the third March*

U. Labiatarum, Decand. *On* Clinopodium vulgare, *near Hornton*

U. Cichoracearum, Decand. *On* Leontodon Taraxacum. *Causeway*

U. oblongata, Grev. *On Sedge leaves, canal side*

U. Viciæ Fabæ. *On Horse bean leaves, near Springe hill*

U. ——— (?) *Infesting the fructification of* Rumex acetosella

U. ——— (?) *On the leaves of* Lapsana communis. It seems doubtful whether this Uredo be identical with Decandolle's *U. Cichoracearum*

U. ——— (?) *On the leaves of* Valeriana officinalis

Puccinia Anemones. *On* Anemone nemorosa. *Wroxton*

P. tumida, Greville. *On* Bunium flexuosum. *Hanwell and Balscot*

P. Ægopodii, Greville. *On* Æ. Podagraria. *Road to the Marches*

P. mucronata, α. Rosæ. (Aregma mucronatum, Berkeley). *On the leaves of the Dog Rose*

P. mucronata, β. Rubi. (Aregma bulbosum, Berkeley.) *On the leaves of* Rubus fruticosus. *Neithorp and Hanwell*

P. Scillarum. Baxt. Stirp. Crypt. Oxon., No. 40. On Scilla nutans. *In the Gatteridges*

P. Pruni spinosæ. *On* Prunus spinosa. *Near Middleton Cheney*

P. Menthæ. *On* Mentha hirsuta, *near the Canal*

P. Polygoni amphibii. *On* Polygonum amphibium, var. terrestre. *Near the Canal*

P. Graminis. *On Reeds near Drayton; and on Corn, in corn-fields*

Cyathus striatus. *Edgehill*

Hydnum auriscalpium. *Edgehill*

Clavaria cornea. *On an old Willow, side of the Cherwell, near the Gudgeon-hole south of the Bathing-place.*

Tremella deliquescens, Purton, 1423. *On trunks of* Carpinus Betulus, *Wroxton*

. Urticæ. (Fusarium tremelloides, Greville.) *Common on dead stems of* Urtica dioica, *Wroxton*

. spiculosa. *On dead sticks, Edgehill*

Peziza virginea. *On rotten sticks, in the plantation near the Keeper's lodge, Wroxton*

P. sessilis, Sow. Eng. Fung. *Hanwell plantation. Castle gardens*

P. cinerea. *On old stumps. Vineyards. Drayton. Huscot*

P. pulchella. *On dead sticks, Edgehill*

Stictis radiata, Berkeley. (Placed under the genus Peziza, in *Persoon's Synopsis.) On dead Fern stalks, Hardwick hill*

Dematium violaceum. *On rotten wood, Neithorp*

D. ciliare. *On rotten sticks, Hanwell plantation*

Erineum acerinum. *Common on Sycamore leaves*

E. tiliaceum. *On the leaves of the Lime tree, Wroxton*

E. betulinum, Decandolle. *On the leaves of* Betula alba, *Wroxton and Adderbury*

E. Oxyacanthæ, Pers. Mycol. *Very common on the Hawthorn*

E. fagineum, Pers. Mycol. *On the leaves of* Fagus Sylvatica, *Wroxton*

E. populinum. *On the leaves of* Populus tremula, *North Newington*

E. alneum. *On the leaves of* Alnus glutinosa, *near Broughton Castle*

E. juglandinum, Pers. Mycol. *On Walnut leaves, Bodicot*

E. aureum. *On the leaves of* Populus nigra, *Grimsbury Green and North Newington*

E. agariciformis, (Greville ?) *On the leaves of* Acer campestre, *at the Eye Spring. North Newington. Wigginton*

E. lanosum, Baxter. *On the leaves of* Pyrus Malus, *Deddington paper mill. North Newington*

E. pyrinum. On the leaves of Pyrus Malus, *Nethercot and Shottswell*

E. Vitis, Pers. Mycol. *On Grape leaves, Bodicot*

Racodium cellare. *Common in cellars on the casks and walls*

Himantia candida. *On old pales, Wroxton*

## ACOTYLEDONS—LICHENS.

Spiloma tumidulum. *Near Bourton*

Arthonia astroidea. *Frequent on the smooth bark of trees*

A. Swartziana. *Common on the smooth bark of trees, especially on that of the Ash*

Lecidea luteola. *On old Willows, near Neithorp*

L. parasema. *Very common on the smooth bark of trees*

L. incana. *Common on the trunks of trees, Hawthorn stumps, &c.*

L. microphylla. *Very common on Ash trees.*

L. canescens. *Common on old walls and trees. In full fructification on an old Oak between Wroxton and Horley*

L. epipolia. *On walls at Neithorp*

L. confluens. *On walls at Cropredy*

L. alba. (Lepraria alba, Hook. Brit. Flor. ?) *On the bark of trees, Wroxton. On Hawthorns, Wickham*

L. luteo alba. *On the bark of Oaks, Wroxton*

L. cæsio rufa. *On the bark of Ash trees, near Hanwell*

Calicium sphærocephalum. *On an old Willow, side of the Cherwell*

C. hyperellum. *On old Oaks, Wroxton wood*

C. curtum, Purton. *On an old tree, near Franklin's knob, side of the Cherwell*

C. debile, Purton. *Drayton*

Opegrapha macularis. *Not uncommon. On Oaks at Warkworth*

O. stenocarpa, β. denigrata. *Rather common on the bark of trees*

O. notha. *On the bark of old Ash trees, near Bloxham road. On old Elms at Wickham*

O. vulgata. *On the bark of Fir trees, Warkworth, and Bodicot road*

Graphis elegans. *Edgehill*

G. scripta, β. pulverulenta. *On trees in Wickham plantation*

G. betuligna. *On* Betula alba, *Berrymoor*

G. serpentina. *Edgehill*

Verrucaria stigmatella. *Near Warkworth; and on Ash trees, Edgehill*

V. Schraderi. *On stones at Hanwell*

V. epidermidis. *On the bark of the Birch, Berrymoor*

Endocarpon miniatum. *On the buttresses of Banbury bridge. On King's Sutton church*

Porina pertusa. *On the bark of trees between Neithorp and Wroxton*

Thelotrema lepadinum. *On the Holly tree, Edgehill*

Pyrenula nigrescens. (Verrucaria nigrescens, Hook. Brit. Flor.) *Common on old walls. Neithorp. New Land*

Variolaria amara. *Common on the bark of trees. Bloxham. Wroxton*

V. amara, c. discoidea. *Ditto. Bloxham road*

Urceolaria cinerea. *Abundantly on an old wall, passing the oak plantation, Hanwell*

U. Hoffmanni, Purton. *On stones between Neithorp and Wroxton*

U. scruposa. *On Drayton Church. On walls at Horley*

Lecanora atra. *Common on walls and trunks of trees*

L. vitellina. *Not uncommon on old gate posts. On trees at Wroxton*

L. cerina. *On ash poles, Austin's hop-field. On old Willows near Neithorp*

L. parella. *On stone walls at Horley*

L. parella. β. pallescens. *Very common on trees and walls*

L. subfusca. *Common on trees and stones*

L. murorum. *Common. On an old wall at the end of West Street*

L. candelaria. *Broughton*

Parmelia saxatilis. *Common. In full fruit on trees near Broughton castle; also, between Drayton and Horley*

P. perlata. *On trees at Wroxton and Hanwell*

P. caperata. *On trees beyond Neithorp*

P. olivacea. *On trees beyond Neithorp*

P. parietina. *Very common*

P. pityrea. *Common. On Elms opposite the National School*

P. pulverulenta. *Rather common on trees*

P. stellaris. *Trees beyond Neithorp. Near the hop-field also*

Lichen stellaris, var. 3. With. *On old trees, Crouch hill*

Borrera tenella. *Very common, particularly on the Hawthorn*

B. ciliaris. *On trees at Neithorp. Common.*

Peltidea canina. *On mole hills, Withycombe, between Neithorp and Drayton. Hooknorton and Wroxton heaths*

Evernia prunastri. *On the trunks and branches of trees, Wroxton*

Cenomyce rangiferina. *Bretch, near Broughton turnpike*

C. pyxidata. *Hooknorton; and on stumps of trees near Drayton lane*

Ramalina fraxinea. *Rather common on Ash and Willow trees*

R. pollinaria. *Broughton. On Elm trees, Wroxton*

R. fastigiata. *Not uncommon, particularly on Ash trees*

R. farinacea. *Common on Oak trees*

Usnea plicata. *Common. Wroxton*

Collema nigrum. *On a wall at Neithorp*

C. nigrescens. *On the trunks of trees, near the ground, in the brick-kiln field, beyond the Vineyards*

C. crispum, β. cristatum. *On old walls about Neithorp*

Lepraria flava. *On Oaks, Wroxton wood. Broughton castle*

L. nigra, Purton. *Common on the cut tops of gate posts*

L. botryoides. *Common on the trunks of trees, and on posts*

L. lutescens, Purton. *On Oaks between Wroxton and Drayton, and near Hanwell*

## ACOTYLEDONS—ALGÆ.

Ceramium aureum, Hook. Fl. Sc. (Converva aurea, Dillw.) *On gravestones, Broughton church-yard. On Drayton church*

## ACOTYLEDONS—HEPATICÆ.

Jungermannia dilalata. *Plantation, Bloxham road*
J. platyphylla. *Common about Wroxton*
J. complanata. *Shottswell*
J. bidentata. *Common in damp plantations*
Marchantia polymorpha. *Common in shady garden walks*

## ACOTYLEDONS—MUSCI

Phascum muticum. *Not uncommon on walls and banks of ditches*
Gymnostomum ovatum. *Common on the mud of walls*
G. truncatulum. *Not rare on dry ditch banks*
G. pyriforme. *Common. The Vineyards*
Polytrichum undulatum. *Hanwell plantation*
Tortula unguiculata. *Common on the mud of walls, and on the ground*
T. ridiga. *Common about Banbury, though said by Mr. Purton to be a very rare moss*
T. subulata. *Frequent on walls and ditch banks*
T. muralis.. *Common on the mud of walls. New Land*
T. ruralis. *Common an walls and thatch*
Encalypta vulgaris. *Common on walls*

Grimmia pulvinata. *Common on trees and house tops*

G. apocarpa. *Trunks of trees in the Vineyards*

Dicranum bryoides. *Woods, and ditch banks. Rathe common*

D. scoparium. *Hooknorton heath*

Funaria hygrometrica. *Old walls.*

Orthotrichum crispum. *Frequent on old trees*

O. anomalum. *Common on house roofs*

O. affine. *Rather common on old trees*

O. striatum. *Frequent on old trees*

Daltonia heteromalla. (Neckera heteromalla, Flo Brit.) *Trunks of trees in the Vineyards; also, i Austin's meadow*

Fontinalis antipyretica. *Cherwell side, near King Sutton*

Hypnum cuspidatum. *Wet woods and boggy place Hanwell*

H. sqarrosum. *Common. In fruit at Wroxton*

H. triquetrum. *Near Aynho*

H. sericeum. *Common on the ground, on stones, an trunks of trees*

H. complanatum, *Frequent on the trunks of trees*

H. prælongum. *On trees and ditch banks, Broughto road*

H. serpens. *The Vineyards. Austin's Meadow*

H. alopecurum. *Hanwell plantation*

H. rutabulum. *On trees and ditch banks, Wroxton*

H. molluscum. *Near Aynho*

Bryum ligulatum. *Hanwell plantation*

B. argenteum. *Very common on walls and othe buildings*

B. cæspititium. *Very common on walls and ditch banks*

## ACOTYLEDONS—FILICES.

Polypodium vulgare. *Common. Hardwick hill*
P. vulgare, var. 4. *Not uncommon*
Aspidium lobatum. *Hardwick hill*
A. Felix mas. *Hardwick hill*
Asplenium Adiantum nigrum. *On a wall at Farnborough*
A. Trichomanes. *On Drayton church. In wells at Little Bourton*
Scolopendrium vulgare. *Frequent in the mouths of old wells. The cascade, Wroxton*
Ophioglossum vulgatum. *Near King's mill. Hanwell oak plantation*

## ACOTYLEDONS—EQUISETACEÆ.

Equisetum fluviatile. *The cascade, Wroxton. Hanwell*
E. palustre. *Between North Newington and Wroxton*
E. limosum. *Rather common. Between Grimsbury and Hardwick.*

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