The climate of Arran is strongly oceanic but there is considerable variation in the amount of annual rainfall in different parts of the island. The west coast at Machrie is markedly drier than the east coast at Brodick only a few miles away, and there is a similar difference between the drier, sunnier southern shore and the coast at the northern end of the island. The north of the island is impressively mountainous with fine examples of glaciated valleys, whilst the southern half is a more uniform elevated plateau of moorland. Much of the coastline consists of raised beaches with low cliffs behind. The geology of the island is complex but in general terms the northern hills consist of acidic granite and schistose poor in nutrients whereas the southern part is composed of a variety of igneous and sedimentary rocks often relatively rich in plant nutrients. However it is only around the coast or in exposures that these become available. A large part of the southern uplands such as the north is covered by blanket bog.

Consequently the most interesting areas in terms of species variety are the raised beach platforms and the ancient sea cliffs behind. The southern shore is particularly rich and includes some species with a strongly southern distribution such as the Wild Onion and Common Fleabane. Semi-natural woodland is fragmentary, and in any case more or less heavily grazed. But there remain odd patches, again associated with the cliffs or with river gullies that are species rich with a wonderful abundance of flowering plants, mosses and lichens. Rarely in these damp fertile places the Common Twayblade survives; Lords and Ladies clings to the shady stream sides and Sweet Woodruff carpets the floor. The coastal cliffs and rocks are remarkably rich too with ferns, including the very rare Killarney Fern recently rediscovered after an absence of nearly a hundred years. The sea-shore also provides Arran with some of it's least common and most distinctive species: Oysterplant, Isle of Man Cabbage, Sea Holly, Seaside Centaury and Scott's Lovepe, all of which are increasingly threatened by environmental damage. The higher granitic hills of the north on the other hand are poor in arctic-alpine species but are nonetheless not without interest for the careful searcher. Starry Saxifrage is reasonably frequent as is the beautiful Roseroot in places of slight enrichment, and a rush, Juncus trifidus may now be in it's southernmost British locality. Away from the granite, on upland crags you might be lucky enough to see the nationally rare Alpine Enchanter's-nightsadale along with scattered plants of Mossy Saxifrage and Green Spleenwort.

Finally, mention should be made of Arran's very own species of Whitebeam, Sorbus arranensis and Sorbus pseudofennica, found nowhere else in the world. These may be seen in the Glen Dionnan National Nature Reserve in the N.W. of the island.
INTRODUCTION

This checklist was originally based on records submitted to the Botanical Society of the British Isles and published in their Atlas of the British Flora. However, much recent work by a number of competent botanisers has increased the known distribution of a large number of the species, added many new ones (69 species since the original edition) and confirmed several interesting old records. In spite of this much work can still be done by the enthusiastic recorder especially in finding new sites in new ‘squares’ for the less common species. Certainly too, careful searching and occasional good luck will turn up exciting new finds even on this much visited island. It is worth mentioning that several new Vice-county records were made in 1986 including a small colony of the nationally rare Brown Beaked-sedge (Rhynchospora fusca) found in the fittingly remote upper reaches of Glen Iorsa. Perhaps, too, somebody can clear up the mysteries surrounding the occurrence (or not) of Interrupted Clubmoss and Purple Saxifrage in the northern hills.

As the compiler all responsibility for mistakes is my own and I would be most grateful to have any errors or omissions pointed out. I would also like at this point to thank those who have helped so far by sending many recent records which has done so much to improve the original version of this list. Special thanks are due to Grace Small, Tony Smith and especially Mrs. A. Sommerville, the current Vice-county recorder who has frequently given me the benefit of her very considerable knowledge of the flowers of Arran. I am very grateful too to Jonathan Williams without whose encouragement and organisational skills this surely would never have got off the ground.

Sincerely wishing you a happy time on this wonderful island,*

Tony Church  Lochranza 1/87

ALL RECORDS WOULD BE MOST WELCOME! In the first instance please send, in writing if possible, with grid references or specified locality for less common species, to any of the following:--

Tony Church : Lochranza Youth Hostel (Tel. Loch 631)
Jonathan Williams (Editor, Arran Naturalist) : Strathwillan Farm, Brodick
(Tel. Brod. 2562)
Derek Warner (Ranger) : Brodick Country Park (Tel. Brod. 2462)

(*weather permitting)
DISTRIBUTION and MAP

(1) The map of Arran below is divided into the conventional Ordnance Survey 10km. squares and lettered A-K.

(2) An indication of distribution is given for each species by comparing the letters in the right hand column of the checklist with the map.

(3) Letters in brackets refer to old records and date from before 1930. Refinding of these is desirable in most cases.

(4) Some of the squares on the west side of the island include small parts of Kintyre peninsular and occasionally references to these squares may be records for those parts. However the Flora of Kintyre has been checked to minimise this.

(5) Records for Holy Isle are referred to the squares to which they belong, and for the time being records for the island of Fladda will be included in 'K'.
References

There is a dearth of recent literature on the flora of Arran but if you can get hold of them the following are important sources:—

GEOLOGY of CLYDESDALE & ARRAN including The Flora of Arran : James EYRE 1859 and 4th Edn. 1872
ARRAN: It's TOPOGRAPHY, NATURAL HISTORY and ANTIQUITIES : Rev. D. LANDSBOROUGH & Son 1875
PLANT COMMUNITIES of the Island of ARRAN, SCOTLAND : ADAM, BIRKS and HUNTLEY 1977 (New Phytologist)

The 19th cent. works contain very interesting lists of generally less common species with localities. Many of them are still in the same places. The Landsboroughs' work is otherwise a wonderfully readable and informative work about the island. The other work is scientific and of little value to the general reader.

If you are particularly interested in the Arran 'Whitebeams' you will find the following article very enjoyable:—

The ENDOMIC WHITEBEAMS of NORTH ARRAN : Eric RHINEL (Glasgow Naturalist 20 part 1) 1980

A condensed version of this may be found in an article entitled 'The Arran Whitebeams' in the Arran Naturalist No. 2

The nomenclature of the checklist follows in both English and Latin the recommendations contained in 'English Names of Wild Flowers' Edn. 2 1986 by Dony, Jury and Perring and published by the BSBI.
Checklist and Guide to Distribution of the Flowering Plants and Ferns of Arran

Juniperis communis
Caitha palustris
Anemone nemorosa
Ranunculus acris
R. repens
R. bulbosus
R. flammula
R. sceleratus
R. hederaeus
R. omiophyllus
R. ficaria
Aquilegia vulgaris
Thalictrum alpinum
T. minus
Berberis vulgaris
Papaver somniferum
Glaucium flavum
Corydalis claviculata
C. lutea
Parnassia capreolata
F. bastardii
F. muralis
F. officinalis
Brassica rapa ssp. sylvestris
B. juncea
Rhyncho-sinapis monensis
Sinapis arvensis
S. alba
Raphanus raphanistrum
R. maritimus
Crambe maritima
 Cauline maritima
Coronopus didymus
Teasalia rudeculla
Capsella bursa-pastoris
Cochlearia officinalis
C. danica
C. anglica
Lunaria annua
Erophila verna
Cardamine pratensis
C. amara
C. flexuosa
C. hirsuta
Nasturtium officinale (agg)
Hesperis matronalis
Silverbirch officinale
S. orientale
Arabidopsis thaliana
Viola ruminiana
V. canina
V. palustris
V. tricolor
V. arvensis
Polygala vulgaris
P. serpyllifolia

Juniper
Marsh-marigold
Wood Anemone
Meadow Buttercup
Creeping Buttercup
Bulbous Buttercup
Lesser Spearwort
Celery-leaved Buttercup
Ivy-leaved Water-crowfoot
Round-leaved Water-crowfoot
Lesser Celandine
Columbine
Alpine Meadow-moss
Lesser Meadow-moss
Barberry
Opium Poppy
Yellow-horned Poppy
Climbing Corydalis
Yellow Corydalis
White Ramping-fumitory
Tall Ramping-fumitory
Common Ramping-fumitory
Common Fumitory
Wild Turnip

Isle of Man Cabbage
Charlock
White Mustard
Wild Radish
Sea Radish
Sea-kale
Sea Rocket
Lesser Swine-cress
Shepherd's Cress
Shepherd's Purse
Common Scurvygrass
Danish Scurvygrass
Long-leaved Scurvygrass
Honesty
Common Whitlowgrass
Cuckoo-flower
Large Bitter-cress
Wavy Bitter-cress
Hairly Bitter-cress
Water-cress
Dame's-violet
Hedge Mustard
Eastern Rocket
Thale Cress
Common Dog-violet
Heath Dog-violet
Marsh Violet
Wild Pansy
Field Pansy
Common Milkwort
Heath Milkwort

C, D, P
all
all exc. H
all
all
B, E, G, H, J, K
all
A, D, E, G, J, K
B, D, E, G, H, J, K
D
all
D
C, F
(X)
A, D
H, X
H
all exc. G
G
A, E
D, E, H
A, G, K
A, G, X
E, K
G
D(E)(O)R, J, K
B, C, E, G, J
G
B, C, E, H, J, K
D, G, H, J, K
E, E
D, G, E, J, K
G, K
H
all
all exc. F
E
K
D
A, D, G, H, K
all
A, B, D, G
all exc. C, H
all
all exc. D, H
E, G, K
A, B, G, H, J, K
G
C, E, F, G, H, K
all
E
all
B, E, G, H, J, K
A, B, D, E, J, K
all exc. G, H
all
Hypericum androsaemum
H. calycinum
H. perforatum
H. maculatum
H. tetrapterum
H. humifusum
H. pubescens
H. elodes
Helianthemum nummularium
Silene vulgaris
S. maritima
S. dioica
Lychnis flos-cuculi
Cerastium fontanum
C. glomeratum
C. diffusum
C. semidecandrum
Stellaria media
S. holostea
S. graminea
S. alpina
Sagina apetala
S. maritima
S. procumbens
S. subulata
S. nodosa
Moehringia trinervia
Honkenya peploides
 Arenaria serpyllifolia
Spergula arvensis
Spergularia media
S. marina
S. rubra
Scleranthus annuus
Mentha aquatica
M. sibirica
Chenopodium album
Beta vulgaris sp. maritima
Atriplex patula
A. prostrata
A. glabriscutisula
A. laciniata
Suaeda maritima
Salicornia stricta
Salsola kali
Salicornia europaea
S. rupestris
Tilia europaea
Linum catharticum
Radiola linoides
Geranium pratense
G. sanguineum
G. dissectum
G. molle
G. lucidum
G. robertianum
Frodium cicutarium
Oxalis acetosella
Impatiens glandulifera
Acer pseudoplatanus
Aesculus hippocastanum

Tutsan
Rose of Sharon
Perforate St. John's-wort
Imperforate St. John's-wort
Square-stalked St. John's-wort
Trailing St. John's-wort
Slender St. John's-wort
Marsh St. John's-wort
Common Rock-rose
Bladder Campion
Sea Campion
Red Campion
Ragged-robin
Common Mouse-ear
Sticky Mouse-ear
Sea Mouse-ear
Little Mouse-ear
Common Chickweed
Greater Stichwort
Lesser Stichwort
Bog Stichwort
Annual Pearlwort
Sea Pearlwort
Premunent Pearlwort
Beath Pearlwort
Knotted Pearlwort
Three-nerved Sandwort
Sea Sandwort
Thyme-leaved Sandwort
Corn Spurrey
Greater Sea-spurrey
Lesser Sea-spurrey
Sand Spurrey
Annual Knawel
Eink's
Pink Purslane
Fat-hen
Sea Beet
Common Orache
Spear-leaved Orache
Babington's Orache
 Frosted Orache
Annual Sea-cliffe
Prickly Saltwort
Glasswort
Glasswort
Lime
Fairy Flax
Allseed
Meadow Crane's-bill
Bloody Crane's-bill
Cut-leaved Crane's-bill
Dove's-foot Crane's-bill
Shining Crane's-bill
Herb-robert
Common Stork's-bill
Wood-sorrel
Indian Balsam
Sycamore
Horse-chestnut

All exc. F, H
G, J, K
G, D, K
E, F, G, K
A, B, D, E, G, J, K
A, B, D, E, G, K
all
A, C
K
G
all exc. C
all
all exc H
all
B, E, G, H, J, K
all exc. F
E, G
all
all exc. H
all
all
A, B, D, E, F, G, J
B, D, E, J, (K)
all
D, J
B, D, G, J, K
E, G
all exc. C, F
J
all
D, G, H, J
A, E, G
B, C, E, F, J
G, F
all
D, F, G, H, K
A, E, G, H, J, K
H, K
A, B, E, F, G, K
A, B, D, G, H, J
A, E, F, G
B, D, G, H, J, K
A, G
B, (G), K
A, D, G
D
J, K
all exc. H
A, J
G, J, K
J
all
A, B, D, E, G, J, K
all
D
all
E, F, J, K
all
G, K
all
G, J, K
Ilex aquifolium
Holly

Ulex europaeus
Gorse

Sarothamnus scoparius
Broom

Ononis repens
Restharrow

Medicago lupulina
Black Medick

Trifolium pratense
Red Clover

T. medium
Zigzag Clover

T. hybridum
Alsike Clover

T. repens
White Clover

T. campestris
Hop Trefoil

Anthyllis vulneraria
Kidney Vetch

Lotus corniculatus
Bird's-foot-trefoil

L. uliginosus
Greater Bird's-foot-trefoil

Vicia lathyroides
Spring Vetch

V. cracca
Tufted Vetch

V. sylvatica
Wood Vetch

V. sepium
Bush Vetch

V. sativa ssp. nigra
Narrow-leaved Vetch

V. hirsuta
Hairy Tare

Lathyrus pratensis
Meadow Vetchling

L. montanus
Bitter-vetch

Filipendula ulmaria
Meadowsweet

Rubus saxatilis
Stone Bramble

R. idaeus
Raspberry

R. spectabilis
Salmonberry

R. fruticosus (agg.)
Blackberry

Potentilla palustris
Marsh Cinquefoil

P. sterilis
Barren Strawberry

P. anserina
Silverweed

P. erecta
Tormentil

P. anglica
Trailing Tormentil

Fragaria vesca
Wild Strawberry

Geum urbanum
Wood Avens

G. rivale
Water Avens

Agrimonia eupatoria
Agrimony

A. procera
Fragrant Agrimony:

Alchemilla alpina
Alpine Lady's-mantle

A. vulgaris (agg.)
Lady's-mantle

A. arvensis (agg.)
Parley-piert

Rosa pimpinellifolia
Burnet Rose

R. rugosa
Japanese Rose

R. canina (agg.)
Dog-rose

R. tomentosa (agg.)
Downy Rose

R. rubiginosa
Sweet-briar

Prunus spinosa
Blackthorn

P. avium
Wild Cherry

P. padus
Bird Cherry

Cotoneaster microphyllus
Small-leaved Cotoneaster

C. simonsii
Himalayan Cotoneaster

Crataegus monogyna
Hawthorn

Sorbus aucuparia
Rowan

S. pseudoaemula
Arran Service Tree

S. arraniensis
Arran Whitebeam

S. rupicola
Rock Whitebeam

Malus sylvestris
Crab Apple

Sedum rosea
Rosercot

S. telephium
Caucasian Stonecrop

S. spicatum
English Stonecrop

S. anglicum
Biting Stonecrop

S. acre

-3-
Sedum willosum
Umbilicus rupestris
Saxifraga stellaris
S. hypnoides
S. oppositifolia
Chrysopodium oppositifolium
Tolmiea menziesii
Parnassia palustris
Ribes nigrum
R. uva-crispa
Drosera rotundifolia
D. anglica
D. intermedia
Lythrum salicaria
L. portula
Hippophae rhamnoides
Epilobium hirsutum
E. parviflorum
E. montanum
E. obscurum
E. palustre
E. brunnescens
Chamerion angustifolium
Fuchsia magellanica
Circaeae lutetiana
C. alpina
C. x intermedia
Hippuris vulgaris
Myriophyllum alterniflorum
Callitriche stagnalis (agg.)
Hedera helix
Hydrocotyle vulgaris
Sanicula europaea
Eryngium maritimum
Anthriscus sylvestris
Myrrhis odorata
Torilis japonica
Smyrnium olusatrum
Conium maculatum
Aptian graveolens
A. nodiflorum
Conopodium majus
Aegopodium podagraria
Oenanthe lachenalii
O. crocata
Ligusticum scoticum
Angelica sylvestris
Meraculum spondylium
S. mantagazzianum
Daucus carota
Mercurialis perennis
Euphorbia helioscopia
E. peplus
Polygonum aviculare
P. arenastrum
P. oxyepermum
P. viviparum
P. bistorta
P. amphibium
P. persicaria
Hairy Stonecrop
Navelwort
Sterry Saxifrage
Mossy Saxifrage
Purple Saxifrage
Opp-leaved Golden-saxifrage
Pick-a-back-plant
Grass-of-Parnassus
Black Currant
Gooseberry
Round-leaved Sundew
Great Sundew
Long-leaved Sundew
Purple-loosestrife
Water-purslane
Sea-buckthorn
Great Willowherb
Rooey Willowherb
Broad-leaved Willowherb
Short-fruited Willowherb
Marsh Willowherb
New Zealand Willowherb
Rosebay Willowherb
Fuchsia
Enchanter’s-nightshade
Alpine Enchanter’s-nightshade
Upland Enchanter’s-nightshade
Mare’s-tail
All-flowered Water-milfoil
Water-starwort
Ivy
Fennywort
Sanicle
Sea-holly
Cow Parsley
Sweet Cicely
Upright Hedge-parsley
Alexanders
Hemlock
Wild Celery
Fool’s Water-cress
Fignut
Ground Elder
Parsley Water-dropwort
Hemlock Water-dropwort
Scots Lovage
Wild Angelica
Hogweed
Giant Hogweed
Wild Carrot
Dog’s Mercury
Sun Spurge
Petty Spurge
Knotgrass
Equal-leaved Knotgrass
Ray’s Knotgrass
Alpine Bistort
Common Bistort
Amphibious Bistort
Redshank

(C)
all exc. F
C, (F), K
C, F
(C)
all
J, K
all exc. H
B, D
A, B, D, G, J, K
all
H, D, C, D, F
C
all exc. C
C, E, F, G, J
E
Q, J, K
A, B, D, E, J, K
all
A, D, E, G, J, K
B, G, J, K
C, D, F, J, K
all
A, D, E, G, H, J, K
all
(A), E
A, B, D, E, G, J, K
all
E, G
J
all
G
A, B, D, E, G, H, J, K
all exc. H
A, B, D, E, J, K
A, B, D, K
all
E, G
B, D, E, G, H, J, K
(C)
J
B, D, E, G, H, J, K
all
Polygonum lapathifolium
P. hydropiper
Falsopia convolvulus
Reynoutria japonica
Oxyria digyna
Rumex acetosa
R. crispus
R. obtusifolius
R. sanguineus
R. conglomerasus
Urtica urens
U. dioica
Humulus lupulus
Ulmus glabra
Myrica gale
Betula pendula
B. pubescens
Alnus glutinosa
Corylus avellana
Fagus sylvatica
Castanea sativa
Quercus robur
Q. petraea
Populus tremula
Salix fragilis
S. viminalis
S. caprea
S. cinerea
S. aurita
S. repens
S. herbacea
Rhododendron ponticum
Arctostaphylos uva-ursi
Calluna vulgaris
Erica tetralix
E. cinerea
Vaccinium vitis-idaea
V. myrtillus
V. oxyccocus
V. macrocarpum
Pyrola minor
Empetrum nigrum
E. nigrum ssp hermaphroditum
Armeria maritima
Primula vulgaris
Lysimachiainemorum
L. punctata
Trollatallis europaea
Anagallis tenella
A. arvensis
A. minima
Gleux maritima
Samolus valerandi
Fraxinus excelsior
Ligustrum vulgare
Centaurium erythraea
C. littorale
Gentianella campestris
G. amarella
Pale Persicaria
Water-pepper
Black Bindweed
Japanese Knotweed
Mountain Sorrel
Sheep's Sorrel
Sorrel
Curled Dock
Broad-leaved Dock
Wood Dock
Clustered Dock
Small Nettle
Stinging Nettle
Hop
Wych Elm
Bog-myrtle
Silver Birch
Downy Birch
Alder
Hazel
Beech
Sweet Chestnut
Pedunculate Oak
Sessile Oak
Aspen
Crack Willow
Osier
Goat Willow
Rusty Willow
Eared Willow
Creeping Willow
Dwarf Willow
Rhododendron
Bearberry
Cross-leaved Heath
Bell Heather
Cowberry
Bilberry
 Cranberry
American Cranberry
Common Wintergreen
Crowberry
Mountain Crowberry
Thrift
Primrose
Yellow Pimpernel
Dotted Loosestrife
Chickweed Wintergreen
Bog Pimpernel
Scarlet Pimpernel
Chaffweed
Sea-milkwort
Brookweed
Ash
Privet
Common Centaury
Seaside Centaury
Field Gentian
Autumn Gentian
A, F, G, H, J, K
A, B, C, E, F, G, K
A, B, E, G, H, K
E, F, G, J, K
C
all
all
all exc. F
all
B, E, H, J, K
A, B, D, G, J
E, H, J
all
J, K
A, B, D, E, G, J, K
all exc. H
A, B, C, D, F, G, J
all
da, all
J, K
A, B, H, J, K
B, E, J, K
all
da
G, E, F, G, J, K
B, C
A, D, F, G, J, K
G, F, G
all
all
da
G
A, C, F, K
all exc. H
F, K
G
A, C, F, K
all exc. H
F, K
G
all exc. F
all
all
B, E, G, J, K
(0), F, G
all exc F
B, E, G, J, K
A
all exc. F
all exc. F, H
all
A, B, D, E, G, J, K
A, B, D, E, G, J, K
A, G
(A), B, C, E
Menyanthes trifoliata
Symphytum officinale
(inc. S. x uplandicum)
Borago officinalis
Pentaglottis sempervirens
Anchusa arvensis
Myosotis scorpioides
M. secunda
M. laxa
M. sylvatica
M. arvensis
M. discolor
M. ramosissima
Mertensia maritima
Convolvulus arvensis
Calystegia sepium
ssp. sepium
ssp. silvatica
C. soldanella
Solanum dulcamara
Lycopersicum esculentum
Verbasum thapsus
Linaria repens
L. vulgaris
Cymbalaria muralis
Scrophularia nodosa
Himantopus guttatus
M. luteus
M. moschatus
Digitalis purpurea
Veronica beccabunga
V. anagallis-aquatica
V. scutellata
V. officinalis
V. montana
V. chamaedrys
V. serpyllifolia
V. arvensis
V. persica
V. polita
V. agrestis
V. filiformis
Pedicularis palustris
P. sylvatica
Rhinanthus minor
Melampyrum pratense
Euphrasia officinalis (agg.)
Oenotites verna
Pinguecula lusitanica
P. vulgaris
Mrticularia minor
U. intermedia
Mentha arvensis
M. aquatica
M. spicata
Lycopus europaeus
Thymus praecox
Punica vulgaris
Stachys arvensis
S. palustris
Bogbean
Comfrey
Borage
Green Alkanet
Bogloss
Water Forget-me-not
Creeping Forget-me-not
Tufted Forget-me-not
Wood Forget-me-not
Common Forget-me-not
Changing Forget-me-not
Early Forget-me-not
Oysterplant
Field Bindweed
Hedge Bindweed
Large Bindweed
Sea Bindweed
Bittersweet
Tomato
Great Mulein
Pale Toadflax
Common Toadflax
Ivy-leaved Toadflax
Figwort
Monkey Flower
Blood-drop-emlets
Musk
Foxglove
Brooklime
Blue Water-speedwell
Marsh Speedwell
Heath Speedwell
Wood Speedwell
Germander Speedwell
Thyme-leaved Speedwell
Wall Speedwell
Common Field-speedwell
Grey Field-speedwell
Green Field-speedwell
Slender Speedwell
Marsh Loosewort
Lousewort
Yellow-rattle
Common Cow-wheat
Eyebright
Red Bartsia
Pale Butterwort
Common Butterwort
Lesser Bladderwort
Intermediate Bladderwort
Corn Mint
Water Mint
Spear Mint
Gipsywort
Wild Thyme
Selfheal
Field Woundwort
Marsh Woundwort
A, B, C, F, G, K
F, F, G, J, X
G
G, H, J, K
all exc. A, C
A, B, C, D, E, G, J
all exc. A, F
J
all exc. C, H
E, E, F, J, K
J
(A), E, (G), J, (K)
G
A, B, D, F, G, J, K
A, B, D, G, J
G, H, J
A, E, D, F, G, J, K
E, G, K
J, K
D
G
D, G, K
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B, D, F, G, J, K
K
A, B, E, F, J
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D
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A, B, D, G, J, K
C, K
D, G, X
A, C, G, K
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all exc. C
A, B, C, D, G, K
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all exc. C
all exc. K
all
F
C, D, E, F
E, E, J
all
G, K
all exc. C, F
all
all
B, J, K
all
Tripleurospermum maritimum
Matricaria matricaricides
Chrysanthemum sectum
Leucanthemum vulgare
Tanacetum parthenium
T. vulgare
Artemisia vulgaris
A. stellerana
Carlina vulgaris
Arctium minus
Cirsium vulgare
C. palustris
C. arvense
C. helenica
Saussurea alpina
Centauraea nigra
Cichorium intybus
Lapsana communis
Hypochoeris radicata
Leonotis autumnalis
L. taraxacoides
Sonchus arvensis
S. oleracea
S. asper
Hieracium agg.
H. pilosella
Crepis capillaris
C. paludosa
Taraxacum agg.
Alisma plantago-aquatica
Triglochin palustris
T. maritima
Zostera marina
Potamogeton natans
P. polygonifolius
P. gramineus
P. perfoliatus
Tofieldia pusilla
Narthecium ossifragum
Ornithogalum umbellatum
Hyacinthoides non-scriptus
Allium ursinum
A. vineale
Iris pseudacorus
Tritonix x crocosmiiflora
Cephalanthera longifolia
Listera ovata
L. cordata
Hammarbya paludosa
Gymnadenia conopsea
Pseudorchis albida
Platanthera chlorantha
P. bifolia
Orchis mascula
Dactylorhiza fuchsii
D. maculata
D. purpurella
Arum maculatum
Lemna minor
Sea Mayweed
Pineapple weed
Corn Marigold
Oxeye Daisy
Feverfew
Tansy
Mugwort
Hoary Mugwort
Carline Thistle
Lesser Burdock
Spear Thistle
Marsh Thistle
Creeping Thistle
Melancholy Thistle
Alpine Saw-wort
Common Knapweed
Chicory
Nipplewort
Cat's-ear
Autumn Hawkbit
Lesser Hawkbit
Perennial Sow-thistle
Smooth Sow-thistle
Prickly Sow-thistle
Hawkweed
Mouse-ear Hawkweed
Smooth Hawk's-beard
Marsh Hawk's-beard
Dandelion
Water-plantain
Marsh Arrowgrass
Sea Arrowgrass
Elegrass
Broad-leaved Pondweed
Bog Pondweed
Variegated-leaved Pondweed
Perfoliate Pondweed
Scottish Asphodel
Bog Asphodel
Star-of-Bethlehem
Bluebell
Ramsorns
Wild Onion
Yellow Iris
Montbretia
Narrow-leaved Helleborine
Common Twayblade
Lesser Twayblade
Bog Orchid
Fragrant Orchid
Small-white Orchid
Greater Butterfly-orchid
Lesser Butterfly-orchid
Early-purple Orchid
Common Spotted-orchid
Heath Spotted-orchid
Northern Marsh-orchid
Lords-and-Ladies
Common Duckweed
all exc. F
all
A, B, E, F, G, E, J, K
A, B, D, F, K
A, B
B, G, K
B, G, E, H, J, K
G
J, K
all
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G, (J)
F
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D
A, B, D, G, H, J, K
all exc. F
all exc. C, D
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all exc. F, H
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B, E, F
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all exc. F
J
B, D, E, F, K
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J
F
(C)
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G
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H, J, K
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A, D, E, F, G, J, K
K
E, J, K
A, C, F
A, (K)
B, D, E, F, J, K
(K)
F, G, J, K
G, K
A, C, E, F, G, J, K
all
all
C, D, E, G, J, K
J
all exc. A, B
<table>
<thead>
<tr>
<th>Rushes, Sedges and Grasses</th>
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<tbody>
<tr>
<td>Juncus squarrosus</td>
</tr>
<tr>
<td>J. tenus</td>
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<tr>
<td>J. gerardi</td>
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<td>J. trifidus</td>
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<td>J. bufonius</td>
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<tr>
<td>J. inflexus</td>
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<tr>
<td>J. effusus</td>
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<tr>
<td>J. conglomeratus</td>
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<tr>
<td>J. maritimus</td>
</tr>
<tr>
<td>J. acutiflorus</td>
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<tr>
<td>J. articulatus</td>
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<tr>
<td>J. bulbosus (inc. kochii)</td>
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<tr>
<td>J. triglumis</td>
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<tr>
<td>Luzula pilosa</td>
</tr>
<tr>
<td>L. sylvestra</td>
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<tr>
<td>L. spicata</td>
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<tr>
<td>L. campestris</td>
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<tr>
<td>L. multiflora</td>
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<tr>
<td>Sparganium erectum</td>
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<tr>
<td>S. emerum</td>
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<tr>
<td>S. angustifolium</td>
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<tr>
<td>Typha latifolia</td>
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<tr>
<td>Eriophorum angustifolium</td>
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<tr>
<td>E. latifolium</td>
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<tr>
<td>E. vaginatum</td>
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<tr>
<td>Trichophorum cespitosum</td>
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<tr>
<td>Scirpus maritimus</td>
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<tr>
<td>Isoelepis setacea</td>
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<tr>
<td>I. cernus</td>
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<tr>
<td>Eleogiton fluitans</td>
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<tr>
<td>Elocharis acicularis</td>
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<tr>
<td>E. quinqueflora</td>
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<tr>
<td>E. multicaulis</td>
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<tr>
<td>E. palustris</td>
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<tr>
<td>E. uniglumis</td>
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<tr>
<td>Rhynchospora alba</td>
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<tr>
<td>R. fusca</td>
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<tr>
<td>Carex laevigata</td>
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<tr>
<td>C. paniculata</td>
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<tr>
<td>C. diandra</td>
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<tr>
<td>C. paludicola</td>
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<tr>
<td>C. otrubae</td>
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<tr>
<td>C. spicata</td>
</tr>
<tr>
<td>C. muricata ssp. lamprocarpa</td>
</tr>
<tr>
<td>C. arenaria</td>
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<tr>
<td>C. disticha</td>
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<tr>
<td>C. remotia</td>
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<tr>
<td>C. ovalis</td>
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<tr>
<td>C. echinata</td>
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<tr>
<td>C. dioica</td>
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<tr>
<td>C. curta</td>
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<tr>
<td>C. hirta</td>
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<tr>
<td>C. lastocarpa</td>
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<tr>
<td>C. acutiformis</td>
</tr>
<tr>
<td>C. rostrata</td>
</tr>
<tr>
<td>C. sylvatica</td>
</tr>
</tbody>
</table>
Carnation Sedge
Cimicifuga Sedge
Pale Sedge
Green-ribbed Sedge
Distant Sedge
Long-bracted Sedge
Tawny Sedge
Long-stalked Yellow-sedge
Common Yellow-sedge
Bog-sedge
Spring-sedge
Pill Sedge
Stiff Sedge
Common Sedge
Common Reed
Purple Moor-grass
Floating Sweet-grass
Small Sweet-grass
Meadow Fescue
Tall Fescue
Giant Fescue
Red Fescue
Sheep's-fescue
Viviparous Fescue
Italian Rye-grass
Perennial Rye-grass
Squirreltail Fescue
Common Saltmarsh-grass
Sea Fern-grass
Annual Meadow-grass
Alpine Meadow-grass
Wood Meadow-grass
Smooth Meadow-grass
Spreading Meadow-grass
Rough Meadow-grass
Whorl-grass
Cock's-foot
Created Dog's-tail
Wood Melick
Hairy-brome
Barren Brome
Soft-brome
Slender Soft-brome
False Brome
Common Couch
Sea Couch
Sand Couch
Lyme-grass
Crested Hair-grass
Bristle Cat
Meadow Cat-grass
Downy Cat-grass
False Cat-grass
Yorkshire-fog
Creeping Soft-grass
Tufted Hair-grass
Alpine Hair-grass
Wavy Hair-grass
Early Hair-grass

all
all
all
all exc. A, K
all
B, D, E, G, J, K
A, S, (C), D, E, G
all exc. C, H
G, F, J, K
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all exc. C
E, G, J
B, F, J
B, G, J, K
D
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all exc. H
B, C, D, G, J
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A, D, F, G, J, K
all exc. C, F
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(C)
B
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G, K
all exc. C
D, E, H, J, K
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A, B, D, E, J, K
B, J
all exc. C
J
all
all exc. A, C
(j)
D, E, G, H, J, K
B, D, E, G, H, J, K
B, E, H, J, K
J
E, J
E, J, K
all
all
all
C
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all
Aira caryophyllea
Ammophila arenaria
Agrostis canina
(inc. A. vineale)
A. capillaris
A. stolonifera
Phleum pratense
Alopecurus pratensis
A. geniculatus
Anthoxanthum odoratum
Phalaris arundinacea
P. canariensis
Nardus stricta

Silver Hair-grass
Marram
Velvet Bent (Brown Bent)
Common Bent
Creeping Bent
Timothy
Meadow Foxtail
Marsh Foxtail
Sweet Vernal-grass
Reed Canary-grass
Canary-grass
Mat-grass

eall exc. A
D, E, G, H, J, K

eall

eall
D, E, F, G, H, J
B, F, G, J, K

eall

eall exc. A, C
G

eall

Ferns & Fern Allies

Lycopodium clavatum
Lycopodiella inundata
Huperzia selago
Diphasiastrum alpinum
Selaginella selaginoides
Isoetes lacustris
Equisetum hyemale
E. fluitatile
E. arvense
E. sylvaticum
E. palustre
E. telmateia
Botrychium lunaria
Ophioglossum vulgatum
Osmunda regalis
Cryptogramma crispa
Hymenophyllum tunbrigense
H. wilsonii
Trichomanes speciosum
Polypodium vulgare
P. interjectum
P. canbricum
Pteridium aquilinum
Phegopteris connectilis
Oreopteris limbosperma
Phyllitis scolopendrium
Amnium adiantum-nigrum
A. marinum
A. trichomanes
A. viride
A. ruta-muraria
Athyrium filix-femina
Gymnocarpium dryopteris
Cystopteris fragilis
Polystichum aculeatum
P. setiferum
Dryopteris oreades
D. filix-mas
D. affinis
D. aemula
D. carthusiana
D. dilatata
D. expansa
Elechnum spicant

Stag's-horn Clubmoss
Marsh Clubmoss
Fir Clubmoss
Alpine-clubmoss
Lesser Clubmoss
Quillwort
Rough Horsetail
Water Horsetail
Field Horsetail
Wood Horsetail
Marsh Horsetail
Great Horsetail
Moonwort
Adder's-tongue
Royal Fern
Parsley Fern
Tonbridge Filmy-fern
Wilson's Filmy-fern
Killarney Fern
Polypody
Intermediate Polypody
Southern Polypody
Bracken
Beech Fern
Lemon-scented Fern
Hart's-tongue
Black Spleenwort
Sea Spleenwort
Maidenhair Spleenwort
Green Spleenwort
Wall-rue
Lady-fern
Oak Fern
Brittle Bladder-fern
Hard Shield-fern
Soft Shield-fern
Mountain Male-fern
Male-fern
Scaly Male-fern
Hay-scented Buckler-fern
Narrow Buckler-fern
Broad Buckler-fern
Northern Buckler-fern
Hard Fern

B, (C), D, F, J, K
C
A, B, C, D, F, G, J, K
B, C, D, F
all exc. F
C, K
J, K
all exc. A, H
all exc. C
B, D, F, G, J, K
all exc. A, H
J, K
(F), (G), (J)
A, G, K
all exc F, H
C, F
A, B, D, E, G, K
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(A), (D), (E)
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all exc. C, H
K
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all exc. H
all exc. H
all exc. H
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A, B, D, E, G, J, K
all
(C), F, G, J
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A, C, D, F, G, J, K
A, D, F, J
all exc. C, H
A, B, D, E, J, K
F
B, C, D, E, J, K
all
all exc. H
F, G, J
all
C, D, F, J
all
ADDENDA

The following corrects the addenda printed in 1987 and adds many species from very recent fieldwork; a few others are simple omissions or introduced species overlooked in the 'Atlas of the British Flora'.

Alliaria petiolata Garlic Mustard 0
Althea officinalis Marsh-mallow 0
Artemisia absinthium Wormwood K
Barbaraea intermedia Intermediate Yellow Rocket G, J, K
Brassica napus Rape B, G
B. nigra Black Mustard K
B. oleracea Wild Cabbage K
Buddleja davidii Butterfly-bush G
Calamagrostis epigejos Wood Small-reed A, G
Carduus acanthoides Welts Thistle B
Carex pauciflora Few-flowered Sedge C
C. pendula Pendulous Sedge E, G, J
C. serotina Small-fruited Yellow-sedge A, B, D
Chaerophyllum temulentum Rough Chervil D
Cochlearia scotica Scottish Scurvygrass C
Dantonia decumbens Heath-grass all
Epilobium ciliatum American Willowherb A, B, D, E, G, J, K
Erysimum cheiranthoides Treacle Mustard H
Festuca altissima Wood Pencée D
Galeopsis bifida Lesser Hemp-nettle B, E
Hypericum hirsutum Hairy St. John's-wort C
Lamium amplexicaule Henbit Dead-nettle B, G, H
Lathyrus sylvestris Narrow-leaved Everlasting-pea (J)
Lavatera arborea Tree-mallow K
Lepidium heterophyllum Smith's Pepperwort H
Leycesteria formosa Himalayan Honeysuckle D
Lithospermum officinale Common Gromwell (A)
Mecanopsis cambrica Welsh Poppy B, D
Oenanthe fistulosa Tubular Water-dropwort A
Oxalis elis Least Yellow-sorrel D
Papaver dubium Long-headed Poppy G
Parietaria diffusa Pellitory-of-the-wall G
Pimpinella saxifraga Burnet-saxifrage J
Potentilla reptans Creeping Cinquefoil K
Prunus cerasifera Cherry Plum A
P. cerasus Dwarf Cherry A, D
Ranunculus lingua Greater Spearwort D
Silene alba White Campion K
Symphytum tuberosum Tuberous Comfrey G, K
Trifolium arvense Hare's-foot Clover J
T. dubium Lesser Trefoil all
Viola reichbachiana Early Dog-violet E

Deletions from main list

Campanula trachelium Nettle-leaved Bellflower G
Desmazeria marina Sea Fern-grass B
Ericophorum latifolium Broad-leaved Cottongrass E
Hippophae rhamnoides Sea-buckthorn E
Adder's-tongue 11
Agrimony 3
Alder 5
Alexanders 4
Alkanet 6
Allseed 2
Anemone 1
Angelica 4
Apple 3
Arrowgrass 8
Ash 5
Aspen 5
Asphodel 8
Aster 7
Avens 3
Balsam 2
Barberry 1
Bartia 6
Bearberry 5
Bent-sedge 9
Bedstraw 7
Beech 5
Beech 2
Bellflower 7
Bilberry 5
Bindweed 6
Birch 5
Blotter 4
Bitter-cress 1
Bittersweet 6
Black Bindweed 5
Blackberry 3
Blackthorn 3
Bladderwort 6
Blinks 2
Blood-drops-sedges 6
Bluebell 8
Bogbean 5
Bog-myrtle 6
Bog-rush 9
Borage 6
Braekon 11
Bramble 3
Brooklime 6
Brookweed 5
Broom 3
Bugle 7
Bugloss 6
Bulrush 9
Bur-marlgold 7
Bur-reed 9
Burdock 8
Butterbur 7
Buttercup 1
Butterwort 6
Cabbage 1
Campion 2
Carrot 4
Cat's-ear 8
Colandine 1
Celery 4
Centaur 5
Chaffweed 5
Chamomile 7
Charlock 1
Cherry 3
Chesnut 5
Chickweed 2
Chicory 8
Cicely 4
Cinquefoil 3
Cleavers 7
Clover 3
Club moss 11
Club-rush 9
Coltsfoot 7
Columbine 1
Comfrey 6
Cornsalad 7
Corydalis 1
Cotoneaster 3
Cottongrass 9
Cowberry 5
Cow-wheat 6
Cranberry 5
Crane's-bill 2
Cress 1
Crowberry 5
Cuckooflower 1
Cudweed 7
Currant 4
Daisy 7
Dame's-violet 1
Dandelion 8
Dead-nettle 7
Deergrass 9
Dock 5
Dog-violet 1
Dog's Mercury 4
Duckweed 8
Eelgrass 8
Elder 7
Elacampas 7
Elm 5
Enchanter's-nightshade 4
Eyebright 6
Fat-hen 2
Fern 11
Feverfew 8
Figwort 6
Flat-sedge 9
Flax 2
Fleabane 7
Pool's Water-cress 4
Forget-me-not 6
Foxglove 6
Fumitory 1
Fuchsia 4
Gentian 5
Gipsywort 6
Glasswort 2
Goldenrod 7
Goldenseal 4
Gooseberry 3
Gorse 3
Grasses 10, 11
Grass-of-Parnassus 4
Ground-Ivy 7
Groundsel 7
Queldro-rose 7
Hazel 5
Harebell 7
Hart's-tongue 11
Hawkbit 8
Hawk's-beard 8
Hawkweed 8
Hawthorn 3
Heath 5
Heather 5
Hedge-parasle 4
Helleborine 8
Hemlock 4
Hemp-agrimony 7
Hemp-nettle 7
Herb-Robert 2
Hogweed 4
Holly 3
Honesty 1
Honeysuckle 7
Hop 5
Horse-chestnut 2
Horse-tail 11
Iriel 8
Ivy 4
Juniper 1
Knapweed 8
Knapew 2
Knotgrass 4
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Lady's-mantle 3
Lime 2
Lobelia 7
Loosestrife 5
Lords & Ladies 8
Lousewort 6
Lovage 4
Madder 7
Mare's-tail 4
Marigold 8
Marsh-marlgold 1
Mayweed 7, 8
Meadow-rue 1
Meadowsweet 3
Medick 3
Milkwort 1
Mint 6
Monkeyflower 6
Montbretia 8
Moonwort 11
Moschatel 7
Mouse-ear 2
Mountain Everlasting 7
Mugwort 8
Mullein 6
Musk 6
Mustard 1
Navalwort 4
Nettle 5
Nipplewort 8
Oak 5
Onion 8
Orach 2
Orchid 8
Orpine 3
Oxier 5
Oxeye Daisy 8
Oysterplant 6
Pansy 1
Parsley 4
Parsley-piert 3
Pearlwort 2
Pennywort 4
Persicaria 5
Pick-a-back-plant 4
Pignut 4
Pimpernel 5
Pineappleweed 8
Plantain 7
Polygony 11
Pondweed 8
Poppy 1
Primrose 5
Privet 5
Purple-loosstrife 4
Purslane 2
Quillwort 11
Radish 1
Ragged-robin 2
Ragwort 7
Rambler 8
Raspberry 3
Redshank 4
Reed 9
Reetharrow 3
Rhododendron 5
Rocket 1
Rock-rose 2
Rosie 3
Rose of Sharon 2
Rose-root 5
Rowan 3
Rubus 9
St. John's-wort 2
Sage 7
Sallow 5
Salmonberry 3
Saltwort 2
Sandwort 2
Sanicle 4
Saw-wort 8
Saxifrage 4
Scabious 7
Scirpus 9
Scurvygrass 1
Sea-blite 2
Sea-buckthorn 4
Sea-kale 1
Sea-milkwort 5
Sea-spurrey 2
Sedge 9
Selfheal 6
Service Tree 3
Sheep's-bit 7
Shepherd's-purse 1
Shoreweed 7
Silverweed 3
Skullcap 7
Snakewort 7
Snowberry 7
Sorbus 3
Sorrel 5
Sow-thistle 8
Spearwort 1
Speedwell 6
Spike-rush 9
Spleenwort 11
Spurge 4
Spurrey 2
Star-of-Bethlehem 8
Stichwort 2
Stonescrop 3,4
Stork's-bill 2
Strawberry 3
Sundew 4
Sweet-briar 3
Swine-cress 1
Sycamore 2
Tansy 8
Tarea 3
Thistle 6
Thrift 5
Thyme 6
Toadflax 6
Tomato 6
Trefoil 3
Turnip 1
Tutsan 2
Twayblade 8
Valerian 7
Vetch 3
Vetchling 3
Violet 1
Wall-rus 11
Water-cress 1
Water-crowfoot 1
Water-dropwort 4
Water-milfoil 4
Water-pepper 5
Water-plantain 8
Water-purslane 4
Water-speedwell 6
Water-starwort 4
Whitebeam 3
Whitlowgrass 1
Willow 5
Wallerherb 4
Wintergreen 5
Woodruff 7
Wood-rush 9
Wood-sorrel 2
Woundwort 7
Yarrow 7
Yellow-rattle 6