

PROVISIONAL CHECKLIST OF THE URBAN FLORA OF SCOTLAND

Compiled by Brian Ballinger from information gathered
during the Urban Flora of Scotland Project.

Botanical Society of Scotland

March 2020



PROVISIONAL CHECKLIST OF THE URBAN FLORA OF SCOTLAND

The urban flora is regarded as being important in conservation terms, particularly as much of the countryside has been given over to large-scale agriculture and forestry. Some surveys have suggested that the urban flora is more diverse than the rural flora. This is a preliminary list of vascular plants recorded in Scotland's towns and cities with populations of more than 1000.

Most of the data are derived from the Botanical Society of Scotland's Urban Flora Project (UFP) from 2015 onwards. For the UFP locations within the 30 mph limit and in the built-up area were included, as well as wild areas enclosed within the town. Planted species were not recorded. Some information has also been gleaned from elsewhere (indicated by hash #) including the Botanical Society of Britain and Ireland's records, floras and other sources, using records from 2000 - 2019, the same location criteria as for the UFP and excluding records of planted species. Most microspecies and some hybrids have been omitted.

The nomenclature is mainly derived from the iRecord database used for the Botanical Society of Scotland's Urban Flora Project, alternative names are often also given. The locations given are only examples and there are often many more.

Within the UFP, we are also comparing records from paired urban and rural locations. Of particular interest is the presence of alien species: neophytes (identified by a star*), are species which arrived after 1500, while archaeophytes (identified by a dagger †) are species which arrived before 1500. Preliminary analysis shows that the urban flora has a higher proportion of neophytes than rural locations. The wide species range in urban locations confirms the importance of this flora. Excessive tidiness in towns should be discouraged, although some site management will always be required.

We are very grateful to all who have contributed records. The BSS Urban Flora Project is an ongoing activity and this Checklist will be updated at intervals. Your participation in the Project, and comments and additions would be very welcome.

Brian Ballinger (brian@garrickwood.org.uk) on behalf of the Urban Flora Group of the Botanical Society of Scotland.

March 2020

Key to symbols

A = Abundant 100+ records in the BSS database in 2019

F = Frequent 40 – 99 Records

O = Occasional 5 – 39 records

R = Rare 1 – 4 records

* neophyte,

† archaeophyte

data from other sources

Abies grandis (Giant Fir)*

R. Widely planted but unusual in towns. *e.g.* Edinburgh.

Cedrus atlantica (Atlas Cedar)*

R. Widely planted but rare in towns.

Chamaecyparis (Cupressus) lawsoniana (Lawson's Cypress)*

R. Widely planted and often self-seeded but rare in towns.

Cupressus x leylandii (C. macrocarpa x nootkatensis) (Leyland Cypress)*

R. Not usually self-sown but widely planted.

Juniperus communis (Juniper)

R. Native. Frequent in some rural areas but unusual in towns. Usually *ssp. communis*.

Larix decidua (European Larch)*

R. Often planted and self-seeds but infrequent in towns.

Larix decidua x kaempferi = Larix marschlinii (Hybrid Larch)

R. Commonly planted and may self-seed but infrequent in towns. *e.g.* Dundee.

Larix kaempferi (Japanese Larch)*

R. Sometimes planted and may self-seed but rare in towns.

Picea abies (Norway Spruce)*

R. Widely planted and occasionally self-sown. Rare in towns.

Picea sitchensis (Sitka Spruce)*

O. Very commonly planted and often self-sown but only occasional in towns.

Pinus sylvestris (Scots Pine)

O. Native and common but only occasional in towns.

Pseudotsuga menziesii (Douglas Fir)*

R. Widely planted and may self-seed but rare in towns.

Taxus baccata (Yew)

O. Native but may be an introduction in some areas. Self-seeds. *e.g.* Forfar, Perth.

Thuja plicata (Western Red-cedar)*

R. Commonly planted but rare in towns. May self-seed.

Tsuga heterophylla (Western Hemlock)*

R. Widespread in rural areas but rare in towns. Self-seeds. From North America.

Adiantum capillus-veneris (Maidenhair Fern) #

R. A native in the south but perhaps a garden escape here. Edinburgh.

Asplenium adiantum-nigrum (Black Spleenwort)

O. Scattered on town walls, but less frequent than some of the other Spleenworts.

Asplenium ruta-muraria (Wall-rue)

A. Abundant on town walls, which are probably its most frequent site.

Asplenium ruta-muraria x A. septentrionale (A. x murbeckii)#

R. Unusual in towns, Edinburgh Holyrood.

Asplenium septentrionale (Forked Spleenwort)

R. Nationally scarce and mainly upland but does grow in Edinburgh city.

Asplenium trichomanes (Maidenhair Spleenwort)

A. Common on town walls, especially mortared. Usually *ssp. quadrivalens*.

Asplenium viride (Green Spleenwort)

R. Mainly upland and very rare in towns. Edinburgh.

Athyrium filix-femina (Lady Fern)

O. Occasional in towns in woodland patches *etc.*, *e.g.* Glenrothes, Inverness

Blechnum spicant (Hard Fern)

R. Much less common in towns than on moors *etc.*, *e.g.* Dundee, Inverness.

Ceterach officinarum (Asplenium) (Rustyback)

R. Rare on walls and not recorded in the far north. *e.g.* Blairgowrie.

Cystopteris fragilis (Brittle Bladder-fern)

O. Occasional on town walls. *e.g.* Perth, Water of Leith.

Dryopteris affinis ss., sl. (Scaly Male-fern)

O. Probably less common in towns than rural places. Woodlands *etc.*

Dryopteris dilatata (Broad Buckler-fern)

F. Quite widespread in woodlands, hedgerows *etc.*

Dryopteris filix-mas ss. sl. (Male-fern)

A. Widespread in woods, tracks *etc.*

Ophioglossum vulgatum (Adder's-tongue Fern)#

R. Unusual in towns, Edinburgh Holyrood

Oreopteris limbosperma (Lemon-scented Fern)

R. Mainly a moorland plant and rare in towns *e.g.* Thornleybank.

Phegopteris connectilis (Beech Fern)

R. Mainly upland and rare in towns. Stirling.

Phyllitis scolopendrium (Asplenium) (Hart's-tongue)

F. Quite widespread especially on walls.

Polypodium interjectum (Intermediate Polypody)

R. Unusual in towns but several records from Edinburgh.

Polypodium vulgare ss., sl. (Polypody)

F. Scattered on town walls.

Polystichum aculeatum (Hard Shield -fern)

R. Mainly upland but also records from the Edinburgh area. Slopes by streams *etc.*

Polystichum setiferum (Soft shield-fern)

R. Rare in Southern towns, in wooded places *etc.*, *e.g.* Annan.

Pteridium aquilinum (Bracken)

O. Although mainly rural there are some urban sites on wild ground.

Equisetum arvense (Field Horsetail)

A. Widespread on paths, cultivated land *etc.*

Equisetum fluviatile (Water Horsetail)

O. Only in and by water bodies and infrequent in towns. Edinburgh.

Equisetum palustre (Marsh Horsetail)

O. In wet places and much less common than in the countryside. *e.g.* Dundee.

Equisetum pratense (Shade Horsetail)

R. Scarce everywhere and very rare in towns *e.g.* Balloch.

Equisetum sylvaticum (Wood Horsetail)

R. A woodland species rarely seen in towns *e.g.* Dundee.

Equisetum telmateia (Giant Horsetail)

R. Rare in towns. Damp woods *etc.*, *e.g.* Hamilton.

Acaena novae-zelandiae (Pirri-pirri-bur)*

R. Still unusual in Scottish towns but is potentially invasive. Edinburgh, Glasgow.

Acanthus mollis (Bear's-breech)*#

R. An unusual garden escape from the Mediterranean. Edinburgh.

Acer campestre (Field Maple)

O. Native in England but probably introduced in Scotland.

Acer platanoides (Norway Maple)*

O. Introduced and self-propagates. *e.g.* Dundee, Strathpeffer.

Acer pseudoplatanus (Sycamore)*

A. Common in towns and seeds readily.

Achillea filipendulina (Fern-leaf Yarrow)*#

R. From Asia. A rare escape. Edinburgh.

Achillea millefolium (Yarrow)

A. Very common in grassy places *etc.*

Achillea ptarmica (Sneezewort)

O. Probably less common than in rural settings. *e.g.* Thurso, Glenrothes.

Adoxa moschatellina (Moschatel)

R. A native woodland plant, unusual in towns. *e.g.* Edinburgh

Aegopodium podagraria (Ground-elder)†

A. Widespread by paths, parks, allotments *etc.*

Aesculus hippocastanum (Horse-chestnut)*

O. Widely planted and often self-sown.

Aethusa cynapium (Fool's Parsley)

O. Only occasionally seen on streets *etc.*, *e.g.* Kelso, Dundee, Leith.

Agrimonia eupatoria (Agrimony)#

R. Unusual in towns and very rare in the north. *e.g.* Wishaw, Union Canal.

Agrimonia procera (Fragrant Agrimony)#

R. Scarcer than the above. Dalmarnock

Agrostemma githago (Corncockle)#†

R. An archaeophyte but now likely to be from seed mixes. Dundee, Edinburgh.

Agrostis canina ss. and sl. (Velvet Bent)

O. Less common than in the countryside. The *sl.* includes *A. vinealis*.

Agrostis capillaris (Common Bent)

A. Widespread in grassy places, parks, footpaths *etc.*

Agrostis gigantea (Black Bent)†

R. An archaeophyte of disturbed ground, possibly under-recorded. *e.g.* Perth.

Agrostis scabra (Rough Bent)*#

O. A grain alien which has been found in various places in the Glasgow area.

Agrostis stolonifera (Creeping Bent)

A. Common, especially in wetter places, In grounds, by the shore *etc.*

Aira caryophyllea (Silver Hair-grass)

R. Unusual in urban settings *e.g.* Dingwall, Edinburgh.

Aira praecox (Early Hair-grass)

O. Not typical of towns but sometimes recorded, *e.g.* Maryburgh, Drumnadrochit.

Ajuga reptans (Bugle)

O. A woodland plant sometimes seen in town woods.

Alcea rosea (Hollyhock)†#

R. An Asian species, rare in the north, commoner in southern Britain. Edinburgh.

Alchemilla conjuncta (Silver Lady's Mantle)*

R. A rare garden escape on paths *etc.*, *e.g.* Crieff.

Alchemilla filicaulis (Southern Lady's Mantle)

R. *ssp. vestita* has rarely been recorded in towns. Stirling.

Alchemilla glabra (Smooth Lady's Mantle)

O. Not typical of towns but sometimes recorded. May be in damper places.

Alchemilla mollis (Garden Lady's Mantle)*

F. A very widespread garden escape on pavements, woods, parks *etc.*

Alchemilla xanthochlora (Pale Lady's Mantle)

R. Unusual in towns but recorded by paths, *e.g.* Dundee, Edinburgh.

Alliaria petiolata (Garlic Mustard)

A. Widely distributed by paths, woodland *etc.*

Alisma lanceolatum (Narrow-leaved Water-plantain)#

R. In ponds etc. Edinburgh, Bawsinch.

Alisma plantago-aquatica (Water-plantain)#

R. In ditches and ponds. *e.g.* Evanton Industrial estate, Union Canal.

Allium carinatum (Keeled Garlic)*

O. Seen occasionally by tracks and woody places. *e.g.* Perth, Water of Leith.

Allium christophii (Star of Persia)*

R. A scarce plant of garden origin. North Berwick.

Allium moly (Yellow Garlic)*

R. A scarce escape. Grassy places by the sea. Balintore, Dornoch.

Allium paradoxum (Few-flowered Garlic)*

F. Spreading and invasive especially in more southern parts of Scotland.

Allium schoenoprasum (Chives)

R. Native but may be a relic of cultivation. *e.g.* Carnoustie, North Kessock.

Allium scorodoprasum (Sand Leek)

R. A long established site at Arbroath near the coast.

Allium triquetrum (Three-cornered Garlic)*

R. A Mediterranean species sometimes recorded as a garden escape. Edinburgh.

Allium ursinum (Ramsons)

O. A common native species seen in some urban woodland areas.

Allium vineale (Wild Onion)

R. Unusual in towns and not seen in the far north. *e.g.* Dundee by the shore.

Alnus cordata (Italian Alder)*

R. Often planted but seedlings may be seen in a few places. Edinburgh.

Alnus glutinosa (Alder)

F. A native tree that seeds readily especially in damper places.

Alnus incana (Grey Alder)*

O. Of European or North American origin. Seeds readily. *e.g.* Dundee, Water of Leith.

Alopecurus geniculatus (Marsh Foxtail)

O. Fairly frequent in damper places. *e.g.* Tain, Inverness.

Alopecurus myosuroides (Black Grass)†R. A rare casual. *e.g.* Musselburgh.

Alopecurus pratensis (Meadow Foxtail)

F. Frequently seen in grassy places and by roads.

Alyssum alyssoides (Small Alison)*#

R. A very infrequent escape. Glasgow.

Amaranthus retroflexus (Common Amaranth)*#

R. An introduction on waste land. From N. America. Musselburgh.

Amelanchier lamarckii (Juneberry)*

R. May be originally planted. East Kilbride, Edinburgh.

Ammi majus (Bullwort)*#

R. An infrequent casual. Glasgow.

Ammophila arenaria (Marram)

O. Seen on the shore in some coastal towns. *e.g.* Carnoustie, Musselburgh.

Amsinckia micrantha (Common Fiddleneck)*

O. A North American species that may be becoming more widespread. *e.g.* Forfar, Elgin.

Anagallis arvensis (Scarlet Pimpernel)#

R. Scarce in Scotland and often not persisting. Aberdeen, Hilton.

Anaphalis margaritacea (Pearly Everlasting)*

R. A garden escape of North American origin. May be less common than formerly.

Anchusa (Lycopsis) arvensis (Alkanet)†

R. An archaeophyte. Appears to be less common in towns than the countryside.

Anemone hupehensis x vitifolia (Anemone x hybrida) (Japanese Anemone)*

R. An escape from cultivation. Uncommon in the north. Edinburgh.

Anemone nemorosa (Wood Anemone)

O. Seen in some wooded urban places but more characteristic of rural areas.

Angelica sylvestris (Angelica).

O. In some urban sites but more typical of the countryside. *e.g.* Dingwall, Dollar.

Angelica archangelica (Garden Angelica)*#

R. Less common than in the south of Britain. Glasgow.

Anisantha sterilis (Barren Brome)†

O. An archaeophyte, on waste ground, paths *etc.*, *e.g.* Beaully, Stirling.

Anthemis arvensis (Corn Chamomile)†#

R. Now very scarce. On rough ground in Alness, probably from a seed-mix.

Anthemis (Cota) austriaca (Austrian Chamomile)*#

R. A scarce casual. Edinburgh.

Anthemis cotula (Stinking Chamomile)†#

R. Now very rare in rough places. Edinburgh.

Anthemis (Cota) tinctoria (Yellow Chamomile)*

R. Very rare on roadsides *etc.* Fortrose, Edinburgh.

Anthoxanthum odoratum (Sweet Vernal Grass)

F. Widespread in grassy places, parks *etc.*

Anthriscus caucalis (Bur Chervil)

O. Unusual and mainly near the coast. *e.g.* Balintore, Edinburgh.

Anthriscus sylvestris (Cow Parsley)

A. Very common in many places in town and country.

Anthyllis vulneraria (Kidney Vetch)

O. Seen especially near the coast. *e.g.* Dundee, Muir of Ord.

Antirrhinum majus (Snapdragon)*

O. From Southern Europe. Seen on some town walls and pavements. *e.g.* Tain, Glasgow.

Aphanes arvensis (Parsley-piert)

O. Sometimes seen on pavements, car parks, business grounds *etc.*, *e.g.* Stirling, Perth.

Aphanes arvensis agg.

O. It is often difficult to separate *A. arvensis* from the under recorded *A. australis*.

Apium nodiflorum (Helosciadium) (Fool's Water-cress)

O. In watery places and rare in towns. Glasgow.

Aquilegia vulgaris (Columbine)

O. Although a native species most urban plants are of garden origin. *e.g.* Busby.

Arabidopsis thaliana (Thale cress)

A. Very widespread in towns on pavements, car parks, walls *etc.*

Arabis caucasica (Garden Arabis)*#

R. On roadsides *etc.* From S. Europe. *e.g.* Alness.

Arabis hirsuta (Hairy Rockcress)#

R. A native species on rocky places *etc.* Edinburgh.

Arctium minus (Lesser Burdock)

F. Can be difficult to differentiate from *A. nemorosum*.

Arctium nemorosum (Wood Burdock)

R. Probably under-recorded because of difficulties in distinguishing it from *A. minus*.

Arenaria balearica (Mossy Sandwort)*

R. An unusual garden escape. Craigmillar.

Arenaria serpyllifolia (Thyme-leaved Sandwort)

R. More frequent away from towns. *e.g.* Conon Bridge, Edinburgh.

Armeria maritima (Thrift)

O. On the shore in some coastal towns and rarely on roadsides.

Armoracia rusticana (Horse-radish)†

O. An archaeophyte but usually an escape from cultivation. *e.g.* Carnoustie, Dundee.

Arrhenatherum elatius (False Oat-grass)

A. Very widespread on rough ground, by paths, parks *etc.*

Artemisia abrotanum (Southernwood)*#

R. A scarce garden escape. Edinburgh.

Artemisia absinthium (Wormwood)†

R. An archaeophyte. Not often seen in Scotland. Glasgow.

Artemisia vulgaris (Mugwort)†

F. On waste ground, riverbanks, footpaths, by the coast. *e.g.* Prestonpans, Aberdour.

Arum italicum (Italian Lords-and-Ladies)*

R. Although native in the UK the plants here are likely to be of garden origin.

Arum maculatum (Lords-and -Ladies)

O. Probably an introduction in this area. Woodland places. *e.g.* Balmullo, Water of Leith.

Aruncus dioicus (Buck's Beard)*#

R. An occasional relic of cultivation. From Europe. Glasgow.

Asarina procumbens (Trailing Snapdragon)*#

R. A garden escape from Southern Europe. Perth.

Asparagus officinalis (Garden Asparagus)*#

R. Frequent in Southern England but rare here. Glasgow.

Aster (Symphyotrichum) agg. (Michaelmas-daisy*)

O. Many *Aster* specimens are difficult to allocate to species.

Aster (Symphyotrichum) novi-belgii (Confused Michaelmas-daisy) *

O. May be over-recorded for the hybrids.

Aster (Symphyotrichum) novi-belgii x lanceolata (A. x salignum) (Common Michaelmas-daisy)*

O. As its name suggests it may be the commonest *Aster*. A garden escape.

Aster tripolium (Tripolium pannonicum) (Sea Aster)

R. Confined to the sea shore on urban sites. Tain.

Astragalus danicus (Purple Milk-vetch)#

R. Rare and often on coastal grassland. *e.g.* Fortrose, Edinburgh

Astragalus glycyphyllos (Wild Liquorice)#

R. Often coastal in this area and unusual in towns. Burntisland.

Astrantia major (Astrantia)*#

R. A garden escape from Europe. On waste ground *etc.* Edinburgh, Glasgow.

Atriplex glabriuscula (Babington's Orache)

O. Seen quite often on the urban shore. *e.g.* Arbroath, Musselburgh.

Atriplex hortensis (Garden Orache)†#

R. An infrequent archaeophyte. Glasgow, Dornoch.

Atriplex laciniata (Frosted Orache)

O. On some urban shores. *e.g.* Carnoustie.

Atriplex littoralis (Grass-leaved Orache)

O. Sandy shores in towns. *e.g.* Tain, Dundee.

Atriplex patula (Common Orache)

O. Scattered in coastal and inland locations. *e.g.* Cramond, Kelso.

Atriplex prostrata (Spear-leaved Orache)

O. Mainly on the shore. *e.g.* Golspie, Musselburgh.

Atropa belladonna (Deadly Nightshade)#

R. On waste ground. Native in the south but perhaps not here. Edinburgh.

Aubrieta deltoidea (Aubretia)*

O. A garden escape sometimes seen on walls *etc.*, *e.g.* Kelso, Tain.

Aurinia saxatilis (Garden Alison)*#

A. European species, escaped from cultivation. Dornoch.

Avena fatua (Wild-oat)†

R. An archaeophyte rarely seen in towns. *e.g.* Glasgow, Kirkcaldy.

Avena sativa (Oat)†

R. A crop plant not typical of towns. Inverness.

Avenula (Helictotrichon) pubescens (Downy Oat-grass)#

R. Infrequent in towns. Edinburgh Holyrood.

Ballota nigra (Black Horehound)†

R. Especially southern in Scotland. *e.g.* Edinburgh.

Barbarea intermedia (Medium-flowered Winter-cress)*

O. Has probably become more common on waste ground, parks, paths. Falkirk, Fortrose.

Barbarea verna (American Winter-cress)*

R. Much less common than the other *Barbarea* species. Edinburgh.

Barbarea vulgaris (Winter-cress)

O. Quite often seen in towns on roadsides *etc.* Alness, Leven.

Bellis perennis (Daisy)

A. One of the commonest urban species, flowering throughout the year.

Berberis darwinii (Darwin's Barberry)*

O. A shrub of South American origin. Tayport, Edinburgh.

Berberis gagnepainii (Gagnepain's Barberry)*

R. A garden plant rarely seen on walls *etc.* Edinburgh.

Berberis thunbergii (Thunberg's Barberry)*#

R. From Japan and occasionally self-seeds. Edinburgh.

Berberis vulgaris (Barberry)

R. Possibly native but scattered in Scotland. Edinburgh.

Bergenia (Elephant Ears)*

R. Many records of this genus may refer to *B. crassifolia*. Glasgow, Edinburgh.

Berula erecta (Lesser Water Parsnip) #

R. Infrequent in watery places. Glasgow.

Beta trigyna (Caucasian Beet)*#

R. A very scarce relic of cultivation. Glasgow.

Beta vulgaris ssp. cicla (Foliage Beet)*#

R. Rare by coasts and often not persisting. Hilton.

Beta vulgaris ssp. maritima (Sea Beet)

R. A few records from sea-shore urban sites where it may not persist.

Beta vulgaris ssp. vulgaris (Root Beet)*#

R. Often a cultivation remainder. *e.g.* Edinburgh, Glasgow.

Betula pendula (Silver Birch)

F. Often planted but also self-seeds.

Betula pendula x pubescens (B. x aurata)

R. Difficult to identify with certainty and may be commoner than records suggest.

Betula pubescens (Downy Birch)

F. Appears to be as common as *B. pendula* in towns and often self-seeds.

Betula utilis (Himalayan Birch)*

R. Sometimes planted in towns and may self propagate. Edinburgh.

Bidens cernua (Nodding Bur-marigold) #

R. Rare in damp habitats. Edinburgh.

Bidens ferulifolia (Fern-leaved Beggarticks)*#

R. A likely garden escape from Mexico. Edinburgh.

Bolboschoenus maritimus (Sea Club-rush)

R. In a few marshy areas by the sea. *e.g.* at Dingwall.

Borago officinalis (Borage)†

R. Only seen a few places on waste ground *etc.*, *e.g.* Balintore, Glasgow.

Borago pygmaea (Slender Borage)*#

R. Extremely rare as an escape. From Corsica. Glasgow.

Brachypodium sylvaticum (False-brome)

O. A mainly rural woodland species but seen in some town woodland areas.

Brachyglottis x jubar (Shrub Ragwort)*#

R. May be a relic of cultivation. Species composition is uncertain.

Brassica napus (Rape)*

O. An escape from cultivation that may be seen in towns. *e.g.* Sanquar.

Brassica napus ssp. oleifera (Oil-seed Rape)

O. An increasing escape from cultivation mainly in rural areas.

Brassica nigra (Black Mustard) #

R. An annual of rough ground. *e.g.* Paisley.

Brassica oleracea (Cabbage)

R. Probably native. Seen on the cliffs at Fortrose.

Brassica rapa (Rape)

O. May be a relic of cultivation. *ssp. rapa* † s Turnip.

Briza maxima (Greater Quaking-grass)*

R. A garden escape. Rare in Scotland. Edinburgh.

Briza media (Quaking-grass)

O. A grassland species in a few urban sites. Rare in the north. *e.g.* Glasgow.

Bromopsis inermis (Hungarian Brome)*#

R. An unusual neophyte. Edinburgh.

Bromopsis ramosa (Hairy Brome)

O. A woodland species occasionally occurring in urban locations. *e.g.* Perth.

Bromus diandrus (Anisantha madritensis) (Great Brome)*

O. A casual more typical of rural sites.

Bromus hordeaceus (Soft Brome)

F. Widespread in a variety of habitats.

Bromus (Anisantha) sterilis (Barren Brome)

F. Widespread on roadsides, waste ground *etc.*

Brunnera macrophylla (Great forget-me-not)*#

R. A garden escape from the Caucasus. Edinburgh.

Bryonia dioica (White Bryony) #

R. Native in the south but an introduction here. In scrub *etc.* Edinburgh.

Buddleja davidii (Butterfly Bush)*

A. Very common in towns, especially on walls. From China.

Buddleja davidii x globosa (B. weyeriana) (Weyer's Butterfly-bush)*

R. A rare garden relic. Union Canal.

Bunias orientalis (Warty Cabbage)*#

R. A neophyte from Eastern Europe. Glasgow.

Butomus umbellatus (Flowering Rush)

R. Although native it was probably introduced at its site at a pond in Tain.

Buxus sempervirens (Box)

R. Although native in southern Britain it is likely to be introduced in this area.

Cakile maritima (Sea Rocket)

O. Often seen in coastal towns on sandy shores. *e.g.* Balintore, Broughty Ferry.

Calamagrostis epigejos (Wood Small-reed)#

R. Uncommon in the north and unusual in towns. Glasgow.

Calendula officinalis (Pot Marigold)†

R. Although an archaeophyte it is probably a garden escape on roadsides in Scotland.

Callitriche agg. (Water-starworts)

R. *Callitriche* species are occasionally seen in urban sites. Identification can be difficult.

Callitriche brutia (Pedunculate Water-starwort)

R. Rare in urban settings. Watery habitats. Glasgow.

Callitriche stagnalis ss. sl. (Common Water-starwort)

R. The commonest *Callitriche* species but rare in towns.

Calluna vulgaris (Heather)

O. Mainly an upland and heathland species but some urban sites are be found.

Caltha palustris (Marsh-marigold)

O. Not typical of towns but some sites occur in wet areas. Glenrothes, Strathpeffer.

Calystegia pulchra (Hairy Bindweed)*

O. In a few urban hedges *etc.*, *e.g.* St Andrews, Alyth.

Calystegia sepium (Hedge Bindweed)

F. Often seen in hedges, rough ground, parks *etc.*, *e.g.* Inverkeithing, Aberdeen.

Calystegia silvatica (Large Bindweed)*

O. Less common than the preceding species and in similar places. *e.g.* Prestonpans.

Calystegia soldanella (Sea Bindweed)

R. A shore plant rare in our survey. *e.g.* St Andrews.

Campanula garganica (Adriatic Bellflower)*#

R. Very rare in Scotland. Glasgow.

Campanula lactiflora (Milky Bellflower)*

R. A rare garden escape. *e.g.* Golspie, Edinburgh.

Campanula latifolia (Giant Bellflower)

O. Although native, many northern plants are likely to be introductions.

Campanula persicifolia (Peach-leaved Bellflower)*

O. Seen on roadsides, waste ground *etc.*, *e.g.* Alness, Dundee.

Campanula portenschlagiana (Adria Bellflower)*

O. Grows on some town walls. *e.g.* Kelso.

Campanula poscharskyana (Trailing Bellflower)*

O. Quite frequent on town walls, especially Edinburgh.

Campanula rapunculoides (Creeping Bellflower)*

R. May have become less frequent. *e.g.* Dornoch, Dundee.

Campanula rotundifolia (Harebell)

O. A common rural species also seen at times in urban areas.

Campanula trachelium (Nettle-leaved Bellflower)*

R. A few sites – *e.g.* Miley SWT reserve in Dundee.

Capsella bursa-pastoris (Shepherd's-purse)†

C. Very widespread on pavements, disturbed ground, parks.

Cardamine amara (Large Bitter-cress)

O. Widespread in southern Scotland, rare in the north. *e.g.* Edinburgh.

Cardamine flexuosa (Wavy Bitter-cress)

A. Widespread in damper sites.

Cardamine hirsuta (Hairy Bitter-cress)

A. Very common on pavements *etc.* More frequent than *C. flexuosa* in towns.

Cardamine pratensis (Cuckooflower)

F. In grassy places in some urban sites and grounds.

Carduus crispus (Wetted Thistle)

O. By the shore or on rough ground. Commoner in the south of Scotland.

Carduus nutans (Musk Thistle) #

R. Rare in the north. Rough ground by the shore. Balintore.

Carduus tenuiflorus (Slender Thistle) #

R. Rare in towns and mainly coastal. Balintore.

Carex acutiflorus (Lesser Pond-sedge)

R. By water bodies and mainly in the south. Edinburgh.

Carex aquatilis (Water Sedge)

R. Mainly rural in water bodies. *e.g.* East Kilbride.

Carex arenaria (Sand Sedge)

O. On sandy shores where these occur in urban places. *e.g.* Carnoustie, Monifieth

Carex canescens (White Sedge)

R. Grows in boggy places and is mainly rural.

Carex demissa (Common Yellow-sedge) *#

R. Very common in wet rural habitats but scarce in towns. Glasgow.

Carex distans (Distant Sedge)

R. On the shore at Rosemarkie and Dundee.

Carex disticha (Brown Sedge)

R. In wet areas but not generally a town species. Edinburgh, Clackmannan

Carex flacca (Glaucous Sedge)

O. Widespread in rural places but less usual in towns. On tracks *etc.*, *e.g.* Edinburgh.

Carex hirta (Hairy Sedge)

R. Very unusual in towns. *e.g.* Dundee parkland.

Carex leporina (Oval Sedge)

O. Fairly common in the countryside but less usual in urban areas. *e.g.* Dingwall.

Carex muricata (Prickly Sedge) #

R. Unusual in towns and mainly in Sothorn Scotland. Edinburgh.

Carex nigra (Common Sedge)

O. Widespread in the countryside but less frequent in towns.

Carex otrubae (False Fox-sedge)

R. Mainly coastal and unusual in towns. Dundee.

Carex pallescens (Pale Sedge)

R. Frequent in wet rural areas but very rare in towns. *e.g.* Edinburgh.

Carex panicea (Carnation Sedge)

R. Very common in moorland *etc.* but very rare in towns. *e.g.* Edinburgh.

Carex paniculata (Greater Tussock-sedge)

R. In wet places. Scattered in the countryside but very rare in towns.

Carex pendula (Pendulous Sedge)

O. Usually an escape from cultivation in towns *e.g.* Stirling, Alyth.

Carex pilulifera (Pill Sedge)

R. Common in the uplands but very unusual in towns. Glasgow.

Carex remota (Remote Sedge)

O. Especially in damp woodland and may be seen in town woods. Inverness.

Carex riparia (Greater Pond-sedge)

R. In water bodies and not at all common in Scotland. Edinburgh Duddingston.

Carex rostrata (Bottle Sedge)

R. Very common in lochs *etc.* but rare in towns. *e.g.* Muir of Ord.

Carex spicata (Spiked Sedge)

R. Mainly a southern species. Glasgow area.

Carex sylvatica (Wood Sedge)

O. A woodland species which grows in a few town woods. *e.g.* Alyth, Strathpeffer.

Carex vesicaria (Bladder Sedge)

R. Frequent in loch sides etc in the country but very unusual in towns. *e.g.* Dingwall.

Carpinus betulus (Hornbeam)

O. Likely to be derived from planted trees in Scotland.

Castanea sativa (Sweet Chestnut)†

O. Likely to be planted in Scottish towns.

Catananche caerulea (Blue Cupidone)*

R. A very unusual garden throw-out at Balintore by the shore.

Catapodium rigidum (Fern-grass) #

R. Unusual in Scotland and sometimes coastal. Prestonpans.

Centaurea cyanus (Cornflower)†

R. Urban sites are likely to be derived from seed mixes. *e.g.* Alness.

Centaurea montana (Perennial Cornflower)*

O. A garden escape which appears to have become more common. By paths *etc.*

Centaurea nigra (Common Knapweed)

A. Common in grassy areas, roadsides, parks, *etc.*

Centaurea scabiosa (Greater Knapweed)

O. Much less common than the previous species in Scotland. *e.g.* Broughty Ferry.

Centaureum erythraea (Common Centaury)

O. Especially in Southern Scotland on well-drained ground. *e.g.* Kelso, Edinburgh.

Centranthus ruber (Red Valerian)*

F. Widespread in towns and often on walls.

Cephalaria gigantea (Giant Scabious)

R. A rare garden escape in towns. Edinburgh.

Cerastium arvense (Field Mouse-ear)

R. Appears to be becoming scarce. In grassy places *etc.*, *e.g.* Edinburgh Craiglockhart.

Cerastium diffusum (Sea Mouse-ear)

O. Especially by the shore. *e.g.* Fortrose.

Cerastium fontanum (Common Mouse-ear)

A. One of the commonest wild plants in urban sites – pavements, car parks, railways.

Cerastium glomeratum (Sticky Mouse-ear)

A. Not quite as common as *C. fontanum* but still very widespread.

Cerastium semidecandrum (Little Mouse-ear)

R. Very rare by urban shores. Dundee, Edinburgh.

Cerastium tomentosum (Snow-in-summer)*

O. A garden escape that can form quite big patches, sometimes by the coast. Balintore.

Ceratocarpus claviculata (Climbing Corydalis)

R. A scrambling plant. Less common in towns than the countryside. Edinburgh.

Ceratophyllum demersum (Rigid Hornwort)

R. Probably originally introduced into a Tain pond where it has spread.

Chaenorrhinum minus (Small Toadflax)†#

R. On disused rail tracks *etc.* Glasgow.

Chaerophyllum temulum (Rough Chervil)

O. Grassy patches *etc.* Edinburgh, Kelso.

Chamerion (Chamaenerion) angustifolium (Rosebay Willowherb)

A. Very common in towns on waste ground *etc.*

Chelidonium majus (Greater Celandine)†

R. Rare in Scottish towns on walls *etc.*, *e.g.* Edinburgh.

Chenopodium album *agg.* (Fat Hen)

O. May be seen on waste ground, allotments, business grounds, pavements.

Chenopodium (Blitum) bonus-henricus (Good-King-Henry)†

R. Now rarely seen in towns or elsewhere. Edinburgh Craigmillar.

Chenopodium ficifolium (Fig-leaved Goosefoot)†#

R. An archaeophyte but perhaps a casual here. Glasgow docks.

Chenopodium rubrum (Oxybasis rubra). (Red goosefoot)

R. Very rare in towns. Edinburgh, Glasgow.

Choisya ternata (Mexican Orange)*#

R. May self-seed in towns. Edinburgh

Chrysosplenium oppositifolium (Opposite-leaved Golden Saxifrage)

O. In wet places but less common than in rural locations. Alyth, Callander.

Cicerbita macrophylla (Common Blue Sow-thistle)*

O. On waste ground in a few places. May have increased. *e.g.* Kelso, Stirling.

Cichorium intybus (Chicory)†

R. Very unusual on waste ground in towns. Alness.

Circaea lutetiana (Enchanter's-nightshade)

O. In some woodland areas in towns. *e.g.* Glenrothes, Perth.

Circaea x intermedia (C. lutetiana x alpina) Upland Enchanter's-nightshade

R. This hybrid is quite widespread nationally but not often recorded in towns.

Cirsium arvense (Creeping Thistle)

A. Widespread in towns as in the countryside.

Cirsium palustre (Marsh Thistle)

O. Infrequent in wet places in towns.

Cirsium heterophyllum (Melancholy Thistle)

O. Less common in towns than rural sites.

Cirsium vulgare (Spear Thistle)

A. Abundant on waste ground, by paths and elsewhere in urban areas.

Claytonia perfoliata (Spring Beauty)*

O. On paths *etc.* sometimes near the sea. *e.g.* Shandwick.

Claytonia sibirica (Pink Purslane)*

O. More common than the previous species. Sometimes in woodland, by paths *etc.*

Clematis montana (Himalayan Clematis)*#

R. A probable garden escape. From Asia.

Clematis tangutica (Orange-peel Clematis)*#

R. A scattered garden escape from China. Perth.

Clematis vitalba (Traveller's-joy) #

R. Native in the south but probably introduced here. Edinburgh.

Clinopodium vulgare (Wild Basil) #

R. Grassy places, gardens and hedges. Edinburgh.

Cochlearia anglica (English Scurvygrass)

R. One record from Edinburgh. Usually coastal. Rare in Scotland.

Cochlearia danica (Danish Scurvygrass)

O. Increasingly common on salt treated roads. Also on the shore.

Cochlearia officinalis (Common Scurvygrass)

O. On the shore in some towns. Also occasionally on salt-treated roads.

Colchicum autumnale (Meadow Saffron)

R. Native in the south but introduced here. *e.g.* Hilton shore and Edinburgh roadside.

Conium maculatum (Hemlock)

O. On waste ground, woods, paths *etc.*, *e.g.* Edinburgh, Stirling.

Conopodium majus (Pignut)

O. In some urban woodland areas. *e.g.* Stonehaven, Inverness.

Convallaria majalis (Lily-of-the-valley)

R. Probably a garden escape in Scottish towns. *e.g.* Golspie, Edinburgh.

Convolvulus arvensis (Field Bindweed)

O. Waste ground *etc.* More common in the south. Inverbervie, Edinburgh.

Conyza (Erigeron) bonariensis (Argentine Fleabane)*

R. Very rare. Edinburgh.

Conyza (Erigeron) canadensis*

O. Occasional on roadsides *etc.* Less frequent in the north. Edinburgh.

Conyza (Erigeron) floribunda* (Bilbao Fleabane)*

R. Very rare. Edinburgh.

Conyza (Erigeron) sumatrensis*

R. Very rare in towns. Edinburgh.

Cornus alba (White Dogwood)*#

R. A rare escape. Edinburgh roadside.

Cornus sanguinea (Dogwood)*

O. Although native is likely to be a garden escape in this area. Edinburgh.

Cornus sericea (Red-osier Dogwood)*

O. A garden escape spreading by suckers. *e.g.* Perth.

Coronopus didymus (Lepidium didymum) (Lesser Swine Cress) *

R. Rare on waste ground. *e.g.* in Edinburgh.

Cortaderia richardii (Early Pampas-grass)*#

R. A garden throw-out or escape often confused with *C. selloana*. *e.g.* Invergordon.

Cortaderia selloana (Pampas-grass)*

O. By tracks, waste ground *etc.*, *e.g.* Annan.

Corydalis cheilanthifolia (Fern-leaved Corydalis)*

R. Growing on a wall in Alva.

Corylus avellana (Hazel)

O. A native tree that may self-seed in towns.

Cosmos bipinnatus (Mexican Aster)*#

R. Infrequent in Scotland. Dornoch.

Cotoneaster spp.*

F. Cotoneaster plants often self-propagate on walls, footpaths *etc.*

Cotoneaster bullatus (Hollyberry Cotoneaster)*

R. A rare escape in cities *e.g.* Edinburgh.

Cotoneaster frigidus (Tree Cotoneaster)*

R. A rare escape in cities. Edinburgh Blackford *etc.*

Cotoneaster horizontalis plus agg. (Wall Cotoneaster)*

O. An escape often seen on walls *etc.*, *e.g.* Stonehaven.

Cotoneaster integrifolius (Entire-leaved Cotoneaster)*

R. A rare escape.

Cotoneaster rehderi (Bullate Cotoneaster)*

R. Rare in cities. *e.g.* Glasgow.

Cotoneaster simonsii (Himalayan Cotoneaster)*

O. One of the more frequently seen species in towns on waste ground *etc.*

Crambe maritima (Sea-kale)

R. Found on the shore by Arbroath harbour.

Crassula helmsii (New Zealand Pigmyweed)*#

R. In ponds but can be invasive. Glasgow, Edinburgh.

Crassula tillaea (Mossy Stonecrop)

R. Has appeared in recent years on gravel car parks and tracks in the North-east.

Crataegus monogyna (Hawthorn)

A. A native tree that self propagates readily on waste ground and in woods.

Crepis capillaris (Smooth Hawk's-beard)

F. Quite frequent on tracks, waste ground, parks, car parks etc.

Crepis paludosa (Marsh Hawk's-beard)

R. In damp areas. Very rare in towns, although frequent in some rural places.

Crocsmia paniculata (Aunt-Eliza)*

R. A garden escape, easily confused with Montbretia. e.g. Edinburgh.

Crocsmia x crocosmiflora (Montbretia)*

O. Of garden origin by paths, waste ground. e.g. Dundee, Giffnock.

Crocus angustifolius x aurea (C. x luteus) (Yellow Crocus)*

R. A garden throw-out noted in Newtonmore.

Crocus nudiflorus (Autumn Crocus)*#

R. Rare in Scotland. From SW. Europe. Evanton by track.

Crocus tommasinianus (Early Crocus)*#

R. From gardens and increasing. In grassy places, by shore etc. North Kessock, Glasgow.

Crocus vernus (Spring Crocus)*

R. A garden throw-out e.g. Edinburgh, Balintore.

Cruciata laevipes (Crosswort)

O. Mainly in Southern Scotland. Roadside, woodland etc., e.g. Kelso, Edinburgh.

Cymbalaria muralis (Ivy-leaved Toadflax)*

A. One of the most widespread urban species. Mainly on walls.

Cymbalaria pallida (Italian Toadflax)*#

R. By roadsides etc. Cupar, Glasgow

Cynosurus cristatus (Crested Dog's-tail)

F. Although not as common as in the countryside, still many urban records.

Cyperus longus (Galingale)

R. A very unusual plant for an urban setting. In Kelso by the river.

Cytisus scoparius (Broom)

A. Very common in towns as in the rural areas. Waste ground, by paths, woodland etc.

Dactylis glomerata (Cocksfoot)

A. Very common on roadsides, grassland, parks etc.

Dactylorhiza fuchsii (Common Spotted-orchid)

O. May be seen on waste ground, neglected gardens etc. Dundee, Musselburgh.

Dactylorhiza incarnata (Early Marsh-orchid)

R. In damp places and rare in towns. Edinburgh Park.

Dactylorhiza maculata (Heath Spotted-orchid)

R. A widespread moorland species but very rare in towns.

Dactylorhiza purpurella (Northern Marsh-orchid)

O. On grassy places, roadsides etc. in a few places. e.g. Strathpeffer, Granton.

Daphne laureola (Spurge-laurel)#

R. Native but perhaps casual here. Disused railway, Edinburgh.

Daucus carota (Wild Carrot)

O. In a few places on rough ground etc., e.g. Musselburgh, Stirling.

Deschampsia cespitosa (Tufted Hair-grass)

F. In many sites although perhaps less widespread than in the countryside.

Deschampsia flexuosa (Wavy Hair-grass)

O. Much less common in towns than the previous species. *e.g.* Edinburgh, Perth.

Descurainia sophia (Flixweed)†

R. By paths, often near the shore. *e.g.* Leith, Balintore.

Dianthus barbatus (Sweet-William)*

R. A garden escape in Carnoustie and Inverurie.

Dianthus deltoides (Maiden Pink)#

R. A nationally scarce species. Sometimes coastal. Edinburgh, North Kessock.

Dichondra micrantha (Kidneyweed)#*

R. An extremely rare escape. From Asia. Glasgow.

Digitalis purpurea (Foxglove)

A. Very widespread although perhaps less so than in rural places.

Dioscorea (Tamus) communis (Black Bryony)

R. Native in the south but may be an introduction here. Edinburgh.

Diplotaxis muralis (Annual Wall-rocket)*

R. Infrequent in waste places, on walls *etc.*, *e.g.* Montrose.

Diplotaxis tenuifolia (Perennial Wall-rocket)†

R. Rarely on roadsides *etc.*, *e.g.* Edinburgh, Balintore.

Dipsacus fullonum (Wild Teasel)

O. On waste ground *etc.*, *e.g.* Edinburgh, Dundee, Stirling.

Doronicum x excelsum (Harper-Crewe's Leopard's-bane)*#

R. Infrequent but perhaps under-recorded. Balintore.

Doronicum orientale*

R. Very unusual in Scotland. Edinburgh.

Doronicum pardalianches (Leopard's-bane)*

O. Roadsides, streamsides *etc.* Stirling, Luncarty.

Draba (Drabella) muralis (Wall Whitlow-grass)

R. May not be native in Scotland. *e.g.* Kirkconnel.

Drosera rotundifolia (Round-leaved Sundew)#

R. In boggy places and very rare in urban sites *e.g.* Glasgow.

Echinochloa crus-galli (Cockspur)*#

R. Perhaps from birdseed. Glasgow city.

Echinops bannaticus (Blue Globe-thistle)*#

R. On rough ground, roadsides *etc.* From Europe. Edinburgh.

Echium vulgare (Viper's Bugloss)

O. Probably less common in towns than rural places. *e.g.* Stirling, Edinburgh.

Eleocharis palustris (Common spike-rush)

O. Not usual in towns but may occur at the edge of water bodies. *e.g.* Kelso.

Eleocharis uniglumis (Slender Spike-rush)

R. Usually coastal and rare in towns. Wet ground. Bonar Bridge.

Elodea canadensis (Canadian Waterweed)*

O. In a few water bodies. Can be invasive. *e.g.* Arbroath.

Elodea nuttallii (Nuttall's Waterweed)*

R. In water bodies. Found in Edinburgh.

Elymus caninus (Bearded Couch)

O. Infrequent in towns in woodland *etc.*, *e.g.* Edinburgh, Kelso.

Elytrigia atherica (Sea Couch)

R. Very rare on coasts. Prestwick.

Elytrigia juncea (Sand Couch)

O. Seen on urban shores *e.g.* Musselburgh, Carnoustie.

Elytrigia repens (Common Couch)

F. In many places in rough grassland, by paths *etc.*

Epilobium brunnescens (New Zealand Willowherb)*

O. A widespread nationally but infrequent in towns. On tracks *etc.* Gourrock.

Epilobium ciliatum (American Willowherb)*

A. Very common on roadsides, rough ground *etc.*

Epilobium hirsutum (Great Willowherb)

A. Widespread but appears to be commoner in Southern Scotland. *e.g.* Dollar, Dunfermline.

Epilobium montanum (Broad-leaved Willowherb)

A. Very common on roadsides, parks, disturbed ground *etc.*

Epilobium obscurum (Short-fruited Willowherb)

F. Quite often seen on pavements, churchyards, disturbed ground *etc.*

Epilobium palustre (Marsh Willowherb)

R. In wet places. Scarce in towns but commoner in rural locations. Edinburgh.

Epilobium parviflorum (Hoary Willowherb)

R. Rare in damp places. *e.g.* Tain.

Epilobium roseum (Pale Willowherb)#

R. Native but very scarce in this survey. Glasgow.

Epilobium tetragonum (Square-stalked Willowherb)

R. Waste ground *etc.*, *e.g.* Edinburgh.

Epipactis helleborine (Broad-leaved Helleborine)

O. By allotments, cemeteries *etc.* Commoner in the west. *e.g.* Perth, Glasgow.

Eranthis hyemalis (Winter Aconite)*

R. An unusual garden escape, flowering early in the year. *e.g.* Stonehaven, Forfar.

Erica cinerea (Bell Heather)

R. A moorland species rarely seen in towns. Lairg.

Erica tetralix. (Cross-leaved Heath)#

R. Very common on wet moorlands *etc.*, but most unusual in towns.

Erigeron acris (Blue Fleabane)

R. Rare in Scottish towns. Edinburgh.

Erigeron glaucus (Seaside Daisy)*

R. A rare garden escape. *e.g.* Dornoch, Edinburgh, North Berwick.

Erigeron karvinskianus (Mexican Fleabane)*

R. A rare escape. Often on walls. Edinburgh, Fife.

Erinus alpinus (Fairy Foxglove)*

O. Often to be found on walls *e.g.* Stirling, Inverness.

Eriophorum angustifolium (Common Cottongrass)

R. Very common in upland areas and moors but very unusual in towns. Edinburgh.

Erodium cicutarium (Common Stork's-bill)

O. Usually near the sea. *e.g.* Aberdeen, Invergordon.

Erophila glabrescens (Glabrous Whitlowgrass)

R. On gravel, paths *etc.* May be under-recorded. *e.g.* Tain, Edinburgh.

Erophila verna ss./sl. (Common Whitlowgrass)

A. Widespread on pavements *etc.* Early flowering. Often recorded as *agg.*

Eryngium planum (Blue Eryngo)*#

R. A garden escape of European origin. Waste ground *etc.* Glasgow, Edinburgh.

Erysimum cheiranthoides (Treacle-mustard)†#

R. An ancient introduction on waste ground *etc.*, *e.g.* Musselburgh, Glasgow.

Erysimum cheiri (Wallflower)†

O. Often escapes from cultivation. On walls, pavements *etc.*, *e.g.* Balmullo, Balintore.

Erythronium dens-canis (Dogs-tooth-violet)*

R. From S. Europe. Tain car park, Water of Leith *etc.*

Escallonia rubra var macrantha (Escallonia)*

R. Usually a relic of cultivation by paths *etc.*, *e.g.* Edinburgh, Dingwall.

Eschscholzia californica (Californian Poppy)*

R. A rare garden escape sometimes coastal. Shandwick, Golspie.

Euonymus europaeus (Spindle)

R. Although native may be introduced here. *e.g.* Strathpeffer, Edinburgh.

Eupatorium cannabinum (Hemp-agrimony)#

R. Unusual in towns. Allotments *etc.*, also coastal. Edinburgh.

Euphorbia amygdaloides (Wood Spurge)

R. Native in south but alien here. In woodland *etc.* Barrhead, Dingwall.

Euphorbia characias (Mediterranean Spurge)*

R. May persist on waste ground *e.g.* Dundee.

Euphorbia cyparissias (Cypress Spurge)*#

R. Near shore or in cities *e.g.* Balintore, Glasgow Kelvinside.

Euphorbia helioscopia (Sun Spurge)

O. Occurs on disturbed ground, allotments and by paths *e.g.* Inverkeithing, Kelso.

Euphorbia lathyris (Caper Spurge)

R. An archaeophyte in the south but probably casual here *e.g.* Brora, Edinburgh.

Euphorbia peplus (Petty Spurge)

F. Often seen on waste ground, pavements *etc.*

Euphrasia (Eyebright)

O. Much less frequent than in the countryside and often not recorded to species level.

Euphrasia arctica

R. Very unusual in towns *e.g.* North Kessock.

Euphrasia nemorosa

R. Very unusual in town. Lanarkshire.

Fagopyrum esculentum (Buckwheat)*

R. On waste ground *etc.* Now less often planted. Edinburgh.

Fagus sylvatica (Beech)

F. Often self-seeds in urban sites.

Fallopia baldschuanica (Russian Vine)*

O. An occasional relic of cultivation *e.g.* Edinburgh, Canon Bridge.

Fallopia convolvulus (Black-bindweed)†

O. Occasional on gravel paths *etc.*, *e.g.* Kelso, Alyth.

Fallopia japonica (Japanese Knotweed)*

O. A troublesome garden escape *e.g.* Edinburgh, Markinch.

Festuca altissima (Wood Fescue)

R. Very unusual in towns. Blantyre.

Festuca arundinacea (Schedonorus arundinaceus) (Tall Fescue)

O. Some urban records. Often by the sea *e.g.* Edinburgh, Tain *etc.*

Festuca (Schedonorus) pratensis (Meadow Fescue)#

R. Frequent in the countryside but scarce in towns. Glasgow.

Festuca gigantea (Schedonorus giganteus) (Giant Fescue)

R. Woodland areas in a few places. *e.g.* Edinburgh, Dingwall.

Festuca heterophylla (Various-leaved Fescue)*

R. Very rare. Site in Edinburgh.

Festuca ovina agg. (Sheep's-fescue)

F. Widely distributed in grassy places.

Festuca rubra agg. (Red Fescue)

A. Very common in many places, roadsides *etc.* Sometimes planted.

Ficaria verna (Ranunculus ficaria) (Lesser Celandine)

A. In many places in woodland, grassland, waste land *etc.*

Ficus carica (Fig)*#

R. Unusual in Scotland. Glasgow.

Filago minima (Logfia minima) (Small Cudweed)

R. Rare in towns on sandy tracks *etc.*, *e.g.* Invergordon. Edinburgh.

Filipendula ulmaria (Meadowseet)

A. Widespread in damp grassland, paths *etc.*, *e.g.* Thurso, Glenrothes.

Filipendula vulgaris (Dropwort)#

R. Native but sometimes of garden origin. Edinburgh.

Foeniculum vulgare (Fennel)†

O. Some may be of garden origin here. Often near the coast *e.g.* Tayport, Carnoustie.

Forsythia x intermedia (Forsythia)*#

R. From gardens. It is uncertain whether this is a species or hybrid. Edinburgh.

Fragaria ananassa (Garden Strawberry)*

R. Escape from cultivation *e.g.* paths, roadsides *etc.* Edinburgh, Dornoch.

Fragaria vesca (Wild Strawberry)

F. On tracks, railway banks, dry places *etc.*, *e.g.* Stirling, Tillicoultry.

Fraxinus excelsior (Ash)

A. Self-seeds readily in many places *e.g.* waste ground, grassy banks *etc.*

Fritillaria imperialis (Crown-Imperial Fritillary)*#

R. A scarce garden throw-out. Dornoch.

Fritillaria meleagris (Fritillary) #

R. Possibly native elsewhere but will be an escape here. Edinburgh.

Fuchsia magellanica (Fuchsia)*

O. On walls and path edges *etc.*, *e.g.* Fortrose, Prestonpans.

Fumaria bastardii (Tall Ramping-fumitory)

R. Rare on cultivated and waste ground. Edinburgh.

Fumaria capreolata (White Ramping-fumitory)

O. Infrequent and often near the coast. *e.g.* Fortrose.

Fumaria densiflora (Dense-flowered Fumitory)†#

R. Rare in towns, but perhaps under-recorded. Edinburgh, Musselburgh.

Fumaria muralis (Common Ramping Fumitory)

F. Perhaps the commonest fumitory in our survey. *e.g.* Leven, Crieff.

Fumaria officinalis (Common Fumitory)

F. Also widespread on waste and disturbed ground. *e.g.* Avoch, Perth.

Fumaria purpurea (Purple Ramping-fumitory).

R. Rare and possibly under-recorded. Edinburgh.

Galanthus elwesii (Greater Snowdrop)*#

R. Less frequent than *G. nivalis* and of garden origin. Edinburgh.

Galanthus nivalis (Snowdrop)

O. Often appears as garden throw-outs by paths *etc.*

Galanthus woronowii (Green-leaved Snowdrop)*

R. In few grassy places. From the Aegean *e.g.* Forres, Dingwall.

Galeopsis bifida (Bifid Hemp-nettle)#

R. Mainly rural and rare in towns. On waste and cultivated ground. *e.g.* Glasgow.

Galeopsis speciosa (Large-flowered Hemp-nettle)†

R. A mainly arable weed that has become less common in some areas. Alford.

Galeopsis tetrahit (Common Hempnettle)

O. Probably less common than in the countryside but can be seen on rough ground *etc.*

Galinsoga parviflora (Gallant Soldier)*

R. Very scarce on waste ground *etc.* Glasgow.

Galinsoga quadriradiata (Shaggy Soldier)

R. Perhaps commoner than the previous species. Edinburgh, Kelso.

Galium aparine (Cleavers)

A. One of the commonest urban weeds growing quickly and profusely.

Galium boreale (Northern Bedstraw)

R. Very rare in towns. Aviemore.

Galium mollugo (Galium album) (Hedge Bedstraw)

O. Infrequent in towns. Edinburgh, Dundee riverside.

Galium odoratum (Woodruff)

O. Often in wooded places. *e.g.* Kingussie, Fortrose.

Galium palustre (Common Marsh-bedstraw)

O. Less frequent in towns than rural sites. *e.g.* Edinburgh.

Galium saxatile (Heath Bedstraw)

O. More typical of upland and moorland places. *e.g.* Dundee, Edinburgh.

Galium verum (Lady's Bedstraw)

F. Often in dry grassland *etc.*, *e.g.* Stirling, Inverness.

Gaultheria mucronata (Prickly Heath)*

R. An unusual garden escape *e.g.* Golspie, East Kilbride.

Genista hispanica (Spanish Gorse)*#

R. An infrequent escape. Edinburgh, Golspie.

Geranium dalmaticum (Dalmatian Crane's-bill)*#

R. A rare garden escape. Edinburgh

Geranium dissectum (Cut-leaved Crane's-bill)†

F. In many places such as car parks, railway stations *etc.*

Geranium endressi (French Crane's-bill)*

O. By footpaths *etc.*, *e.g.* Carnoustie, Edinburgh.

Geranium endressi x versicolor (G. x oxonianum) (Druce's Crane's-bill)*

R. Grown in gardens and may escape. By footpaths *etc.*

Geranium himalayense (Himalayan Crane's-bill)*#

R. A rare escape from gardens. Edinburgh, Lairg.

Geranium lucidum (Shining Crane's-bill)

O. Quite frequent on pavements, banks *etc.* Cupar, Newport *etc.*

Geranium x magnificum (G. ibericum x platypetalum) (Purple Crane's-bill)*#

O. Found in many parts of Scotland. *e.g.* Glasgow, North Kessock.

Geranium molle (Dove's-foot Crane's-bill)

A. Very widespread on grassy verges, paths *etc.*

Geranium phaeum (Dusky Crane's-bill)*

O. An occasional escape by paths *etc.* Dundee, Carnoustie.

Geranium pratense (Meadow Crane's-bill)

O. A native species in grassland *etc.*, *e.g.* Menstrie, Kelso.

Geranium psilostemon (Armenian Crane's-bill)*#

R. A rare escape in grassy places. From E. Europe. Jordanhill.

Geranium pusillum (Small-flowered Crane's-bill)

O. Scarce on rough ground and waste land, *e.g.* Muir of Ord, Dundee.

Geranium pyrenaicum (Hedgerow Crane's-bill)*

O. Rough ground *etc.* Perhaps commoner further south. *e.g.* Prestonpans, Edinburgh.

Geranium robertianum (Herb Robert)

A. Widespread in towns on pavements, walls *etc.*

Geranium rotundifolium (Round-leaved Crane's-bill)

R. Very scarce in Scottish towns. Inverness, Edinburgh.

Geranium sanguineum (Bloody Crane's-bill)

O. Often coastal. Native but also a garden escape. *e.g.* Balintore, Strathpeffer.

Geranium sylvaticum (Wood Crane's-bill)

O. Infrequent in towns but may be in wooded areas *etc.*, *e.g.* Avoch, Forfar.

Geranium versicolor (Pencilled Crane's-bill)*

R. Very scarce and of garden origin *e.g.* Alford, Sanquar.

Geum macrophyllum (Large-flowered Avens)*

R. A scarce garden escape. Dingwall.

Geum rivale (Water Avens)

O. Less common than in rural places but occurs in damp habitats.

Geum x intermedium (Hybrid Avens)

R. The two species often form a hybrid but it is unusual in towns, *e.g.* Lower Largo.

Geum urbanum (Herb Bennet)

A. One of the commonest urban flowers, on pavements, in gardens *etc.*

Gladiolus communis (Eastern Gladiolus)*#

R. Very rare in Scotland. From the Mediterranean. Glasgow.

Glaux maritima (Sea Milkwort)

O. On urban coasts. *e.g.* Dingwall, Musselburgh *etc.*

Glebionis segetum (Corn Marigold)†

O. A cornfield weed, but in towns it may come from wildflower seed mixtures.

Glechoma hederacea (Ground-ivy)

O. In wooded places *etc.*, *e.g.* Bridge of Allan, Galashiels.

Glyceria declinata (Small Sweet-grass)

R. Infrequent in towns *e.g.* Holyrood, Edinburgh.

Glyceria fluitans (Floating Sweet-grass)

O. Unusual in towns in watery habitats *e.g.* Thurso.

Glyceria maxima (Reed Sweet-grass)

O. Unusual in towns *e.g.* Glenrothes, Edinburgh.

Gnaphalium (Laphangium) luteoalbum (Jersey Cudweed)#

R. May be native in the south but likely to be an introduction here. Edinburgh.

Gnaphalium sylvaticum (Heath Cudweed)

R. Very rare in towns, usually a plant of forest tracks *etc.* Auchterarder.

Gnaphalium uliginosum (Marsh Cudweed)

O. Some records from damp tracks and roadsides. *e.g.* Perth, Leuchars.

Gunnera manicata (Brazilian Giant-rhubarb)*

R. Very rare. Oban.

Hebe (Pseudoveronica) spp.*

R. Rare and of garden origin *e.g.* Granton, Dundee.

Hebe salicifolia (Pseudoveronica) (Koromiko)*

R. Of garden origin and often coastal. *e.g.* Brora, Dornoch.

Hedera colchica (Persian Ivy)*#

R. A garden escape from the Caucasus. Edinburgh.

Hedera helix ss./sl. (Ivy)

A. Very frequent in towns on walls, waste ground *etc.*

Hedera hibernica (Atlantic Ivy)

O. Similar habitats to *H. helix* ss. and probably under-recorded.

Helianthemum nummularium (Rockrose)

R. On base-rich rocks *etc.* often near the coast. *e.g.* Hilton, Edinburgh.

Helianthus annuus (Sunflower)*

R. A scarce garden escape by pavements *etc.*, *e.g.* Dundee, Tain.

Helleborus argutifolius (Corsican Hellebore)*

R. An unusual garden escape *e.g.* Edinburgh, Dornoch.

Helleborus foetidus (Stinking Hellebore)*

R. A scarce garden escape. *e.g.* Bridge of Earn, Dalgety Bay.

Helleborus viridis (Green Hellebore)#

R. Native but probably of garden origin here. Glasgow.

Helminthotheca echioides (Bristly Oxtongue)†#

R. Common in the south but scarce in Scotland. Glasgow.

Hemerocallis fulva (Orange Day-lily)*#

R. An infrequent garden escape. Perth.

Heracleum mantegazzianum (Giant Hogweed)*

F. An increasing and invasive alien, often in damp places. *e.g.* Invergowrie.

Heracleum sphondylium (Hogweed)

A. A very common plant in town and country. Grassy areas, roadsides *etc.*

Herniaria glabra (Smooth Rupturewort)#

R. A British native but may be a casual here. Glasgow.

Hesperis matronalis (Dame's-violet)*

O. An escape seen by paths, in parks *etc.*, *e.g.* Perth, Dingwall.

Heuchera sanguinea (Coralbells)*

R. From N. America. Waste ground *etc.*, *e.g.* Lairg, Edinburgh.

Hieracium agg. (Hawkweed).

O. Many Hawkweeds have not been identified to species.

Hieracium maculatum

R. Very rare in towns. Penicuik.

Hieracium sabaudum (Autumn Hawkweed)

R. Rarely recorded. Edinburgh.

Hieracium umbellatum (Umbellate Hawkweed)

R. Rarely recorded. Edinburgh.

Hippophae rhamnoides (Sea-buckthorn)

O. Probably not native in Scotland. Especially coastal. *e.g.* Inverness, Carnoustie.

Hippurus vulgaris (Mare's-tail)#

R. Rare in watery places in towns. Edinburgh Granton.

Holcus lanatus (Yorkshire Fog)

A. One of the most widespread grasses.

Holcus mollis (Creeping Soft-grass)

O. Much less common than *H. lanatus* *e.g.* Perth, Conon Bridge.

Holodiscus discolor (Oceanspray)*

R. From California. In hedges *etc.*, *e.g.* Strathpeffer, Golspie.

Honckenya peploides (Sea Sandwort)

O. Only to be found on the shore. *e.g.* Arbroath, Inverbervie.

Hordeum distichon s/l. (Two-rowed Barley)

R. Escaped cultivated barley, rarely seen in towns. Fortrose.

Hordeum murinum (Wall Barley)

O. Quite often recorded from pavements, rough ground *etc.*

Hordeum secalinum (Meadow Barley)

R. Rare in this area. Kirkcubbin in a park.

Hordeum vulgare (Six-rowed Barley)†

R. Rare in towns. In an Edinburgh cemetery.

Humulus lupulus (Hop)

R. Very rare in towns. Probably only native in southern Britain. *e.g.* Edinburgh.

Hyacinthoides hispanica (Spanish Bluebell)*

O. This is much less common than the hybrid.

Hyacinthoides non-scripta (Bluebell)

O. In some urban woodland patches. *e.g.* Dunkeld. Menstrie.

Hyacinthoides x massartiana (H. hispanica x non-scripta)*

F. This by far the commonest *Hyacinthoides* in urban areas.

Hyacinthus orientalis (Hyacinth)*#

R. May be found as a garden throw-out. Glasgow.

Hydrangea macrophylla (Hydrangea)*#

R. May be a garden throw-out. Edinburgh, Perth.

Hydrocotyle vulgaris (Marsh Pennywort)

R. Unusual in towns. Wet places. Edinburgh Holyrood.

Hydrocharis morsus-ranae (Frogbit)

R. Native in the south, probably introduced here. In water. Glasgow, Union Canal.

Hypericum androsaemum (Tutsan)*

O. Quite frequent in streets, woodland *etc.*

Hypericum calycinum (Rose-of-Sharon)*

R. Very unusual in towns. Fortrose near the shore.

Hypericum forrestii (Forrest's Tutsan)*#

R. An infrequent escape from China. Glasgow.

Hypericum hircinum (Stinking Tutsan)*

R. A scarce garden escape. Dornoch, Golspie.

Hypericum humifusum (Trailing St John's-wort)#

R. Much less common than in rural locations. Glasgow.

Hypericum maculatum (Imperforate St John's-wort)

R. Rare in urban places. Edinburgh.

Hypericum perforatum (Perforate St John's-wort)

F. The commonest *Hypericum* in towns. On railway embankments, roadsides *etc.*

Hypericum x desetangsii (Des Etangs' St John's-wort)

R. This hybrid may be under-recorded. *e.g.* Inch, Montrose.

Hypericum pulchrum (Slender St John's-wort)

O. Much less common than in the countryside. *e.g.* Perth, Strathpeffer.

Hypericum tetrapterum (Square-stalked St John's-wort)

R. Rare in damp places. Strathpeffer.

Hypericum xylosteifolium (Turkish Tutsan)*

R. A rare garden escape from the Caucasus. Edinburgh.

Hypochaeris radicata (Cat's-ear)

A. Widespread on paths, grassland, waste ground *etc.*

Hyocymus niger (Henbane)

R. An ancient introduction (archaeophyte). Rough ground and coastal. Edinburgh.

Iberis sempervirens (Perennial Candytuft)*#

R. This Southern European plant may escape from gardens. Edinburgh.

Iberis umbellata (Garden Candytuft)*#

R. A garden escape. Edinburgh, Glasgow.

Ilex aquifolium (Holly)

A. Seedlings are very frequent in woodland, waste ground *etc.*

Impatiens glandulifera (Indian Balsam)*

F. An invasive neophyte recorded in many damp places.

Impatiens parviflora (Small Balsam)*

R. An escape of Asian origin, recorded in several places in Edinburgh.

Inula helenium (Elecampane)†#

R. A garden escape on open and rough ground. Edinburgh.

Iris foetidissima (Stinking Iris)

R. Native in the south but an escape here. Paths *etc.*, *e.g.* Kinloss. Edinburgh.

Iris pseudacorus (Yellow Iris)

O. Less common than in the countryside. Wet locations. *e.g.* Kelso, Thurso.

Isatis tinctoria (Woad)†#

R. An archaeophyte previously cultivated. Edinburgh.

Jasione montana (Sheep's-bit)#

R. Rare in northern towns. *e.g.* Rutherglen.

Jasminum officinale (Summer Jasmine)*#

R. A garden escape from the Caucasus. Edinburgh.

Juncus acutiflorus (Sharp-flowered Rush)

O. Wet sites. Infrequent in towns. Edinburgh, Kirkcudbright *etc.*

Juncus articulatus (Jointed Rush)

O. Less frequent than in rural places. Wet sites.

Juncus balticus (Baltic Rush)

R. A scarce plant growing in damp places and dunes by the shore. Rare in towns. Dornoch.

Juncus bufonius (Toad Rush)

O. Damp places, roadsides *etc.*, *e.g.* Ullapool, Aberdeen.

Juncus bulbosus (Bulbous Rush)

O. Very much rarer than in rural areas. Damp places. *e.g.* Glenrothes, Inverness.

Juncus compressus (Round-fruited) Rush)

R. Very rare in Scotland. Leslie, Sanquhar.

Juncus conglomeratus (Compact Rush)

O. In marshy places *etc.*

Juncus effusus (Soft Rush)

F. Quite widespread in damp places, grassland *etc.* but less so than in the countryside.

Juncus gerardii (Saltmarsh rush)

R. In saltmarshes where they occur in towns. *e.g.* Dundee Stannergate.

Juncus inflexus (Hard Rush)

O. Only in the south of Scotland in damp places. Edinburgh.

Juncus ranarius (Frog Rush)#

R. Damp places, often coastal. May be under-recorded. Clydebank.

Juncus squarrosus (Heath Rush)

R. Common in forests and moorland but very rare in towns.

Juncus subnodulosus (Blunt-flowered Rush)#

R. Very scarce in Scotland in wet habitats. Renfrew.

Juncus tenuis (Slender Rush)*

R. On tracks but very rare in towns. Fortrose, Edinburgh.

Knautia arvensis (Field Scabious)

O. On some roadsides and paths.

Knautia macedonica*#

R. An infrequent escape. Dornoch, Glasgow.

Kniphofia uvaria (Red-hot-poker)*

R. An occasional escape from cultivation. *e.g.* Dundee Law, North Berwick.

Koeleria macrantha (Crested Hair-grass)

O. On coasts, by paths, in grassy places *etc.* Dundee, Edinburgh.

Laburnum anagyroides (Golden Rain)*

O. This tree sometimes self-seeds in towns. *e.g.* Tain, Dundee.

Lactuca serriola (Prickly Lettuce)†#

O. An archaeophyte that appears to be spreading in the Glasgow area.

Lactuca virosa (Great Lettuce)

R. On rough ground and in parks *etc.* Not in the far north. Edinburgh, Dundee.

Lagurus ovatus (Hare's Tail)

R. A very rare grass. Edinburgh.

Lamiastrum galeobdolon ssp. argentatum (Yellow Archangel)*

O. A garden escape on roadsides, waste ground *etc.* The native subspecies is very rare here.

Lamium album (White Deadnettle)

F. Probably commoner in southern Scotland. On rough ground, paths *etc.*

Lamium amplexicaule (Henbit Deadnettle)

O. Less common than *L. purpureum*. Waste ground *etc.*, *e.g.* Arbroath, Falkirk.

Lamium confertum (Northern Deadnettle)

O. Less frequent than *Lamium purpureum*. By paths *etc.* *e.g.* Balintore.

Lamium hybridum (Cut-leaved Deadnettle)

R. Very infrequent. Glasgow, Edinburgh.

Lamium maculatum (Spotted Deadnettle)*

O. A garden escape. Fortrose, Edinburgh.

Lamium purpureum (Red Deadnettle)

A. Very widespread on pavements, rough ground *etc.*

Lapsana communis (Nipplewort)

A. One of the commonest urban plants in various habitats.

Lathyrus grandiflora (Two-flowered Everlasting-pea)*

R. A Mediterranean species that rarely escapes from gardens. Edinburgh.

Lathyrus latifolius (Broad-leaved Everlasting-pea)*

R. A scarce garden escape. Edinburgh, Broughty Ferry.

Lathyrus linifolius (Bitter Vetch)

R. Very unusual in towns, being mainly on moorland.

Lathyrus nissolia (Grass Vetchling)#

R. Although native in the south a rare casual here. Edinburgh.

Lathyrus odoraceus (Pisum sativum) (Garden Pea)#

R. A long history of cultivation. On waste ground *etc.* Balintore, Dornoch.

Lathyrus pratensis (Meadow Vetchling)

A. Many records from grassy places, waste ground, woods *etc.*

Lavandula angustifolia (Garden Lavender)*#

R. A garden plant of Mediterranean origin which rarely escapes. Glasgow.

Lavatera. (Malva)*

R. This was not identified to species. Carnoustie.

Lemna gibba (Fat Duckweed)

R. Rare but possibly overlooked. In ponds *etc.*, *e.g.* Edinburgh, Dundee.

Lemna minor (Least Duckweed)

O. In places in ponds *etc.*, *e.g.* Dingwall, Glenrothes.

Lemna minuta (Least Duckweed)*#

R. Unusual and difficult to identify. Edinburgh.

Lemna trisulca (Ivy-leaved Duckweed)#

R. In ditches and ponds. Glasgow city.

Lemna turionifera (Red Duckweed)*

R. Very rare in Scotland in water. Cammo.

Leontodon hispidus (Rough Hawkbit)

R. Very rare in the north. Edinburgh.

Leontodon saxatilis (Lesser Hawkbit)

R. Grassy places *etc.* Rare in the north. Edinburgh.

Leonurus cardiaca (Motherwort)*#

R. An unusual escape from cultivation. Edinburgh.

Lepidium campestre (Field Pepperwort)†

R. Unusual in Scotland. Edinburgh.

Lepidium didymum (Lesser Swine Cress)*

R. An infrequent garden escape. From South America. Edinburgh.

Lepidium draba (Hoary Cress)*

O. Often near the sea. *e.g.* Shandwick, Musselburgh.

Lepidium heterophyllum (Smith's Pepperwort)

O. By paths, cultivated areas *etc.*, *e.g.* Invergordon, Muir of Ord.

Lepidium ruderae (Narrow-leaved Pepperwort)†#

R. Rare in towns. Edinburgh.

Lepidium sativum (Garden Cress)#

R. Cultivated places. Edinburgh.

Lepidium squamatum (coronopus) Swine-cress

R. Infrequent in this survey. Edinburgh.

Leucanthemum lacustre x maximum (L. x superbum)*

R. By paths, rivers *etc.* Dingwall, Balintore.

Leucanthemum vulgare (Oxeye daisy)

A. Very frequent by roads, in rough ground *etc.*

Leucojum aestivum (Summer Snowflake)*

R. From the Mediterranean. Occasionally escapes. Golspie.

Leucojum vernum (Spring Snowflake)*

R. An unusual garden escape. From Europe. Forres.

Levisticum officinale (Lovage)*

R. From Iran. A rare escape, *e.g.* Glasgow, Golspie.

Leycesteria formosa (Himalayan Honeysuckle)*

O. Escapes readily. Driveways, railway stations *etc.*, *e.g.* Muir of Ord, Dundee.

Leymus arenarius (Lyme Grass)

F. On many urban shores where it may dominate.

Ligularia dentata (Leopardplant)*#

R. Of garden origin and from the Far East. Dornoch, Edinburgh.

Ligusticum scoticum (Scottish Lovage)

R. On a few shores *e.g.* Balintore, Edinburgh.

Ligustrum ovalifolium (Garden Privet)*

O. Many of the sites were originally hedges.

Ligustrum vulgare (Wild Privet)

R. Unusual in towns. Edinburgh.

Lilium martagon (Martagon Lily)*

R. A scattered garden escape, *e.g.* Golspie, Edinburgh.

Lilium pyrenaicum (Pyrenaean Lily)*

R. A garden throw out *e.g.* Dingwall, Rosemarkie.

Limnanthes douglasii (Meadow-foam)*

R. An unusual escape which may not persist. *e.g.* Tain, Edinburgh.

Linaria maroccana (Annual Toadflax)*

R. A scarce escape by roadsides *etc.*, *e.g.* Fortrose.

Linaria pupurea (Purple Toadflax)*

A. In many urban sites. On walls, by pavements *etc.*

Linaria repens (Pale Toadflax)†

R. Scarce in Scotland. On waste ground *etc.*, Montrose.

Linaria vulgaris (Common Toadflax)

O. Scattered on rough ground *e.g.* Dundee, Invergordon.

Linum catharticum (Fairy Flax).

O. Very rare in towns, common on rural tracks. Edinburgh.

Linum usitatissimum (Flax)†#

R. An archaeophyte, usually an escape from cultivation, *e.g.* Musselburgh, Inverkeithing.

Lobelia erinus (Garden Lobelia)*

R. A garden escape in car parks, pathways *etc.*, *e.g.* Tain, Glasgow.

Lobularia maritima (Sweet Alison)*

O. A garden escape on walls *etc.* Dundee, Edinburgh.

Lolium multiflorum (Italian Ryegrass)*

O. Here and there in grassy places *etc.* Dornoch, Edinburgh.

Lolium perenne (Ryegrass)

A. One of the commonest grasses. Native and planted.

Lonicera caprifolium (Perfoliate Honeysuckle)*

R. A rare escape on rough ground *etc.* from southern Europe. Edinburgh.

Lonicera caprifolium x etrusca (Lonicera x italica) (Garden Honeysuckle)*

R. An unusual garden escape. Glasgow.

Lonicera involucrata (Californian Honeysuckle)*#

R. A garden escape. Aberdeen.

Lonicera japonica (Japanese Honeysuckle)*#

R. A garden escape by paths *etc.* Edinburgh.

Lonicera nitida (Wilson's Honeysuckle)*

O. From China. May self-propagate. Edinburgh, Alva.

Lonicera periclymenum (Honeysuckle)

F. The native species is often seen in towns.

Lonicera pileata (Box-leaved Honeysuckle)*

R. Much planted and may escape. From China. Water of Leith.

Lotus corniculatus (Common Bird's-foot Trefoil)

A. Widespread in towns as in rural areas.

Lotus pedunculatus (Greater Bird's-foot Trefoil)

O. Less common than the above species.

Lunaria annua (Honesty)*

F. A common garden escape on waste ground *etc.*

Lupinus arboreus (Tree Lupin)*#

R. An escape, usually by the coast. Balintore.

Lupinus arboreus x polyphyllus (Russell Lupin)*

O. May escape. By tracks *etc.*, *e.g.* Ladybank, Fortrose.

Luzula campestris (Field Woodrush)

O. In many grassy places. Menstrie, Maryburgh.

Luzula multiflora (Heath Woodrush)

R. Although common in the countryside it is rare in towns, *e.g.* Stirling, Fortrose.

Luzula pilosa (Hairy Woodrush)

R. Common in rural woods but rarely seen in towns.

Luzula sylvatica (Great Woodrush)

F. In wooded areas, on riverbanks *etc.*, *e.g.* Stonehaven, Pitlochry.

Lychnis (Silene) viscaria (Sticky Catchfly) #

R. Nationally scarce on cliffs *etc.* Edinburgh.

Lycium barbarum (Duke of Argyll's Tea-plant)*

R. Can persist on the coast, *e.g.* Balintore.

Lycopersicon esculentum (Tomato)

R. An occasional escape from cultivation, *e.g.* Dornoch, Edinburgh.

Lycopus europaeus (Gypsywort)

R. Mainly rural but urban sites do occur in wet places, *e.g.* Glasgow, Edinburgh.

Lysichiton americanus (American Skunk-cabbage)*#

R. In damp places and potentially invasive. Edinburgh, Bearsden.

Lysimachia nemorum (Yellow Pimpernel)

R. Mainly in the countryside but has been recorded in towns, *e.g.* Strathpeffer.

Lysimachia nummularia (Creeping-jenny)

R. Mainly in the south and rural, but a few urban records. Edinburgh.

Lysimachia punctata (Dotted Loosestrife)*

O. A garden escape from Southern Europe, *e.g.* Perth, Wick.

Lysimachia thyrsiflora (Tufted Loosestrife)

R. In or by waterbodies. Edinburgh, Glasgow.

Lysimachia vulgaris (Yellow Loosestrife)

O. In wet places and commoner in the south, *e.g.* Kelso, Edinburgh.

Lythrum salicaria (Purple Loosestrife)

O. In damp habitats. Native but sometimes planted, *e.g.* Kelso, Alness.

Macleaya x kewensis (M. cordata x microcarpa) (Hybrid Plume-poppy)*#

R. A very rare garden escape. Edinburgh.

Mahonia aquifolium (Oregon Grape)*

R. A garden species sometimes in scrub *etc.* Edinburgh.

Mahonia japonica (Japanese Oregon Grape)*

R. Very rare in Scotland. Stirling.

Malcolmia maritima (Virginia Stock)*#

R. A scattered garden escape. Glasgow.

Malus pumila (M. domestica)

O. Usually of cultivated origin, *e.g.* Musselburgh.

Malus sylvestris (Crab Apple)

R. Much less common than the previous species, *e.g.* Alness.

Malva alcea (Greater Musk-mallow)*

R. From Europe. Rare near the sea. Golspie, North Kessock.

Malva arborea (Tree Mallow)

R. By the coast. Native but may be introduced here, *e.g.* Prestonpans.

Malva x clementii (M. olbii x thuringiaca) (Garden tree-mallow)*

R. Of garden origin. Often by the shore. Balintore, Edinburgh *etc.*

Malva moschata (Musk-mallow)

O. By pavements, car parks *etc.* Native in the south but probably introduced here.

Malva neglecta (Dwarf Mallow)

O. By paths, waste ground *etc.*, *e.g.* Dundee, Kelso.

Malva parviflora (Least Mallow)*#

R. An unusual introduction or relic. Edinburgh.

Malva sylvestris (Common Mallow)

O. The most frequently recorded Mallow *e.g.* Avoch, Musselburgh.

Matricaria discoidea (Pineappleweed)

A. One of the commonest urban plants on gravel, disturbed ground *etc.*

Matricaria recutita (M. chamomilla) (Scented Mayweed)#

R. Now scarce. Cultivated ground *etc.*, Edinburgh.

Matthiola incana (Hairy Stock)*

R. A garden escape on the shore and in an allotment, *e.g.* Balintore, Edinburgh.

Meconopsis cambrica (Papaver cambricum) (Welsh Poppy)

A. Native in the south but likely to be of garden origin here. Widespread by paths *etc.*

Medicago lupulina (Black Medick)

F. In many places by paths, waste ground, railways *etc.*, *e.g.* Inverurie, Coupar Angus.

Medicago polymorpha (Toothed Medick)

R. Infrequent on waste ground, *e.g.* Glasgow, Edinburgh.

Medicago sativa (Medick)

O. Probably an introduction here *e.g.* Dundee, Musselburgh.

Melampyrum pratense (Common Cow-wheat)

R. Frequent in some rural areas but very rare in towns. Lairg.

Melica uniflora (Wood Melick)

R. In wooded places and very rare in towns. Edinburgh.

Melilotus albus (White Melilot)*

R. Very rare in towns. Edinburgh.

Melilotus altissimus (Tall Melilot)†

O. On rough, disturbed ground, footpaths. *e.g.* Perth, Dundee.

Melilotus indicus (Small Melilot)*

R. Rare in this area on rough ground. Musselburgh.

Melilotus officinalis (Ribbed Melilot)*

R. A rare casual. Musselburgh.

Melissa officinalis (Balm)

R. Often thrown out from gardens *e.g.* Golspie, Edinburgh.

Mentha aquatica (Water Mint)

O. In or by water bodies *e.g.* Thurso, Glenrothes.

Mentha aquatica x spicata (M x piperata) (Peppermint)*

R. Probably a throw-out. Carnoustie.

Mentha spicata (Spear Mint)†

R. Probably a throw-out here although an archaeophyte. Edinburgh.

Mentha spicata x suaveolens (M. x villosa) (Apple Mint)*

O. Often found as a throw-out.

Mentha x verticillata (M. aquatica x arvensis) (Whorled Mint)

R. In wet habitats. May be under-recorded. *e.g.* Glasgow, Strathpeffer.

Menyanthes trifoliata (Bogbean)#

R. In water and bogs and unusual in towns, *e.g.* Strathpeffer, Edinburgh.

Mercurialis perennis (Dog's Mercury)

O. In old woodland patches in towns *e.g.* Galashiels, Dalgety Bay.

Milium effusum (Wood Millet)

R. In a few wooded areas *e.g.* Dundee, Perth.

Mimulus agg. (Monkeyflower)*

O. Many *Mimulus* plants were not identified to species level.

Mimulus guttatus (Monkeyflower)*

O. In wet sites *e.g.* Edinburgh, Kelso.

Minuartia (Sabulina) verna (Spring Sandwort)

R. In base rich sites. Edinburgh, Holyrood

Miscanthus sinensis (Chinese Silver-grass)*#

R. A scarce garden escape. Edinburgh.

Moehringia trinerva (Three-nerved Sandwort)

O. In urban woodlands. e.g. Stirling, Dundee.

Montia fontana (Blinks)

O. On tracks, in graveyards and on damp ground. e.g. Dundee, Forres.

Muscari armeniacum (Garden Grape-hyacinth)*

O. Various locations where it is a garden escape or throw-out. Menstrie, Galashiels.

Muscari neglectum (Grape-hyacinth)

R. Likely to be an introduction here. Less common than the above, e.g. Tain.

Mycelis muralis (Wall Lettuce)

F. On walls, car parks, waste places etc., e.g. Cupar, Ladybank.

Myosotis arvensis (Field Forget-me-not)†

A. A very widespread urban plant on railway stations, parks, roadsides etc.

Myosotis discolor (Changing forget-me-not)

F. In open ground, gravel, railways etc., e.g. Inverness, Newport.

Myosotis laxa (Tufted Forget-me-not)

O. In damp habitats e.g. Kelso, Edinburgh.

Myosotis ramossissima (Early Forget-me-not)

O. On dry soils. Often near the coast.

Myosotis scorpioides (Water Forget-me-not)

O. In and by waterbodies.

Myosotis secunda (Creeping Forget-me-not)

O. In damp places, e.g. Thurso, Dingwall.

Myosotis sylvatica (Wood Forget-me-not)

F. Although native many urban populations are likely to be garden escapes.

Myriophyllum alterniflorum (Alternate Water-milfoil)

O. In ponds and lochs etc. Infrequent in towns, e.g. Arbroath.

Myriophyllum spicatum (Spiked Water-milfoil)

R. In ponds and lochs. Less common than the above species. Edinburgh Duddingston.

Myrrhis odorata (Sweet Cicely)*

F. A frequent garden escape by paths, in grassy places, woods etc.

Narcissus agg. (Daffodils)*

F. Frequent garden throw outs which often persist. Usually not identified to species.

Narcissus pseudonarcissus (Daffodil)

R. May be planted here. Edinburgh.

Nasella tenuissima (Argentine Needle-grass)*#

R. A garden escape from South America. Edinburgh.

Nepeta x faassenii (N. nepetella x mussinii) (Garden Cat-mint)*

R. An infrequent garden throw-out. e.g. Dornoch, Edinburgh.

Neottia nidus-avis (Bird's-nest Orchid)

R. A saprophyte in woodland. Very unusual in towns. Dingwall.

Neottia ovata (Common Twayblade)

R. Infrequent in towns in woodlands, quarries. Edinburgh, Dingwall.

Nigella damascena (Love-in-the-mist)*

R. Of garden origin. On waste ground, allotments etc., e.g. Hilton, Edinburgh.

Nonea lutea (Yellow Monkswort)*#

R. Very rare in Scotland. Edinburgh.

Nuphar lutea (Yellow Water-lily) #

R. In rivers and lochs. Glasgow.

Nymphaea alba (White Water-lily)

R. In ponds. Uncommon in towns where it may be introduced, *e.g.* Tain, Alness.

Nymphoides peltata (Fringed Water-lily)

R. Rare in ponds where it may be introduced. Edinburgh Holyrood.

Odontites vernus (Red Bartsia)

O. On tracks, railway stations, coasts *etc.*, *e.g.* Dunfermline, Inverness.

Oenanthe crocata (Hemlock Water-dropwort)

O. In ditches, by shores *etc.*, *e.g.* Inverness, Dundee.

Oenothera (Evening-primrose)*

R. Often not determined to species. *e.g.* Dundee, Carnoustie.

Oenothera biennis (Common Evening-primrose)*#

R. An infrequent escape from cultivation. Edinburgh.

Oenothera glazioviana (Large-flowered Evening –primrose)*#

R. Scarce in Scotland. Glasgow.

Olearia avicennifolia x moschata (Daisy-Bush)*

R. A rare garden escape. From New Zealand. *e.g.* Dornoch, Edinburgh.

Olearia macrodonta (New Zealand Holly)*#

R. A rare garden escape. Dornoch.

Omphalodes verna (Blue-eyed Mary)*#

R. A scarce garden throw-out. By a path in Dingwall.

Onobrychis viciifolia (Sanfoin)

R. Probably introduced here. Glasgow, Edinburgh.

Ononis repens (Common Restharrow)

O. Often coastal and rare in the north *e.g.* Musselburgh, Carnoustie.

Onopordum acanthium (Cotton Thistle)†#

R. Rare on waste ground, sometimes coastal. Balintore.

Orchis mascula (Early Purple Orchid)

R. Very rare in towns.

Origanum vulgare (Wild Marjoram)

O. Native but many urban plants may be escapes from cultivation. *e.g.* Dundee, Invergordon.

Ornithogalum umbellatum (Star-of-Bethlehem)

O. *O. umbellatum* and *O. angustifolium* are now regarded as *ssp.* of the same species.

Ornithopus perpusillus (Bird's Foot)

R. On gravel tracks *etc.* Rare in towns, *e.g.* Rutherglen.

Osmunda regalis (Royal Fern) #

R. A native but also may be of cultivated origin, *e.g.* Glasgow, Edinburgh.

Osteospermum jucundum (Cape Daisy)*#

R. An occasional escape from cultivation. Edinburgh, Golspie.

Oxalis acetosella (Wood-sorrel)

O. In wooded patches in urban areas, *e.g.* Stirling, Ullapool.

Oxalis articulata (Pink Sorrel)*

R. A rare escape from S. America. In an allotment in Edinburgh

Oxalis corniculata (Procumbent Yellow-sorrel)*

O. In a few sites on pavements and walls, *e.g.* Dornoch, Edinburgh

Oxalis debilis (Large-flowered Pink-sorrel)*

R. Very rare in Scotland. North Berwick.

Oxalis exilis (Least Yellow-sorrel)*

O. On a few footpaths *etc.*, *e.g.* Fortrose, Anstruther.

Oxalis tetraphylla (Four-leaved Pink-sorrel)*#

R. From Mexico. A garden weed. Anniesland.

Paeonia officinalis (Garden Paeony)*#

R. A rare garden escape on waste ground *etc.* Edinburgh.

Papaver atlanticum (Atlas Poppy)*

O. From Morocco. A garden escape by paths, perhaps under-recorded, *e.g.* Golspie, Edinburgh.

Papaver dubium (Long-headed Poppy)†

F. On pavements, parks, grounds *etc.*, *e.g.* Conon Bridge, Kirkcaldy.

Papaver hybridum (Roemeria hispida) (Rough Poppy)#

R. An archaeophyte now very rare in Scotland. Edinburgh.

Papaver orientale (Oriental Poppy)*

R. This and *P. pseudorientale* may be the same species. Dornoch, Alness.

Papaver rhoeas (Common Poppy)†

O. Native but sometimes of garden origin. More frequent in the south, *e.g.* Kelso.

Papaver somniferum (Opium Poppy)†

F. An archaeophyte but sometimes of garden origin. On pavements, waste ground *etc.*

Parentucellia viscosa (Yellow Bartsia)#

R. Scattered in Scotland. Glasgow.

Parietaria judaica (Pellitory-of-the-wall)

O. Mainly on walls and especially in the south.

Parthenocissus inserta (False Virginia-creeper)*#

R. An infrequent garden escape from North America. Glasgow.

Parthenocissus tricuspidata (Boston-ivy)*#

R. An escape not recorded often. Glasgow.

Pastinaca sativa (Wild Parsnip)

R. On grassland, waste places *etc.* sometimes by the sea. Dundee, Musselburgh.

Pedicularis sylvatica (Lousewort)

R. A moorland plant which is very rare in towns. Glasgow.

Pelargonium spp. (Geraniums)*#

R. Very unusual garden escapes. Edinburgh.

Pentaglottis sempervirens (Green Alkanet)*

F. A widespread urban plant, on pavements, waste ground *etc.*, *e.g.* Inverkeithing, Tillicoultry.

Persicaria (Bistorta) affinis (Rockery Bistort)*#

R. A plant of garden origin from the Himalayas. Edinburgh.

Persicaria amphibia (Amphibious Bistort)

O. In wet habitats, *e.g.* Kelso, Dingwall.

Persicaria bistorta (Bistorta officinalis)

O. By paths, grassland *etc.*, *e.g.* Leuchars, Stirling.

Persicaria campanulata (Lesser Knotweed)*

R. Rare in towns *e.g.* Dornoch, Shettleston.

Persicaria capitata (Pink-headed Persicaria)*#

R. A garden escape from the Himalayas. Edinburgh.

Persicaria hydropiper (Water-pepper)

O. In wet locations especially in the west. Kelvingrove, Lenzie.

Persicaria maculosa (Redshank)

F. Frequent on disturbed ground, allotments *etc.*, *e.g.* Dunfermline, Elgin.

Persicaria wallichii (Koenigia polystachya) (Himalayan Knotweed)*#

R. An occasional escape from cultivation. Edinburgh.

Petasites albus (White Butterbur)*

R. Unusual in towns in damp places, but can be invasive, *e.g.* Scone.

Petasites fragrans (pyrenaicus) (Winter Heliotrope)*

O. By paths and roadsides flowering early. Craigend, Thurso.

Petasites hybridus (Butterbur)

O. Still widespread although some sites may be lost. In damp places.

Petasites japonicus (Giant Butterbur)*

O. In damp places, roadsides *etc.*, *e.g.* Elgin, Edinburgh.

Petroselinum crispum (Garden Parsley)†#

R. An escape from cultivation. Edinburgh.

Phalaris arundinacea (Reed Canary-grass)

A. Widespread in wet places and by water.

Phalaris canariensis (Canary-grass)*

R. On waste ground *etc.* *e.g.* Glasgow city, Fortrose *etc.*

Phleum bertolonii (Smaller Cat's-tail)

R. Grassy places. Less common than *P. pratensis*. Edinburgh Holyrood, Livingstone *etc.*

Phleum pratense (Timothy)

F. Quite frequent in grassy places, by footpaths *etc.*

Phlomis fruticosa (Jerusalem Sage)*#

R. A Mediterranean species originating in cultivation. Edinburgh.

Phlomis russeliana (Turkish Sage)*#

R. A garden escape from Turkey. Glasgow.

Phlox paniculata (Phlox)

R. An unusual garden escape. Golspie, Edinburgh.

Phormium tenax (New Zealand Flax)*#

R. An unusual relic of cultivation. Edinburgh.

Phragmites australis (Common Reed)

O. In some watery places in towns, *e.g.* Kinross, Falkirk.

Phytolacca acinosa (American Pokeweed)*

R. A very unusual garden escape in Edinburgh.

Picris hieracioides (Hawkweed Ox-tongue)#

R. Rare on rough ground. Edinburgh Duddingston.

Pilosella aurantiaca (Fox-and-cubs)*

F. Commonly seen on grassland, waste ground *etc.*, *e.g.* Huntly, Longforgan.

Pilosella flagellaris (Spreading Mouse-ear-hawkweed)*#

R. Found as a garden escape in central Scotland. Edinburgh.

Pilosella officinarum (Mouse-ear-hawkweed)

O. Grassy places. Often base-rich habitats, *e.g.* Menstrie, Cowdenbeath.

Pimpinella major (Greater Burnet-saxifrage)#

R. A scarce native. Grassland, paths *etc.*, Edinburgh.

Pimpinella saxifraga (Burnet-saxifrage)

O. In grassland sometimes by the sea. *e.g.* Burntisland, Edinburgh.

Plantago afra (Glandular Plantain)*#

R. A very unusual casual. Glasgow.

Plantago coronopus (Buck's-horn Plantain)

F. Frequently on the coast. Anstruther, Aberdeen.

Plantago lanceolata (Ribwort Plantain)

A. Very common in towns, by paths, grassy places, parks, woodland *etc.*

Plantago major (Greater Plantain)

A. Very common all over the area on paths, parks, churchyards *etc.*

Plantago maritima (Sea Plantain)

O. Particularly on the shore. Also on salt treated roads. Avoch, Prestonpans.

Plantago media (Hoary Plantain)

R. Scarce in the north. In more basic habitats, *e.g.* New Stevenston.

Poa annua (Annual Meadow Grass)

A. Abundant in most places. Pavements, grassy patches *etc.*

Poa compressa (Flattened Meadow Grass)

R. Waste ground *etc.*, East Linton, Port Glasgow.

Poa humilis (Spreading Meadow-grass)

R. Roadsides *etc.*, *e.g.* North Kessock, Edinburgh.

Poa nemoralis (Wood Meadow-grass)

O. In urban woodlands, *e.g.* Inverness, Kelso.

Poa pratensis (Smooth Meadow-grass)

F. On grassland, paths, parks *etc.*, in many towns.

Poa trivialis (Rough Meadow-grass)

F. Also widespread in towns in wet and rough places.

Polemonium caeruleum (Jacob's-ladder)

R. Native but likely to be a garden escape here. *e.g.* Glasgow, Dornoch.

Polygala serpyllifolia (Heath Milkwort)

R. Very common on moorland, very rare in towns.

Polygala vulgaris (Common Milkwort)

R. Very rare in towns. More base rich places than *P. serpyllifolia*. Balintore

Polygonatum multiflorum (Solomon's Seal).

R. The records for this area are likely to refer to garden escapes. *e.g.* Dundee.

Polygonatum multiflorum x odoratum (P. x hybridum)

O. Commoner than the previous and also likely to be of garden origin. Stirling, Strathpeffer.

Polygonum arenastrum (P. depressum) (Equal-leaved Knotweed)†

O. Pavements, rough ground *etc.* Less common than *P. aviculare*.

Polygonum aviculare (Knotgrass)

A. A very common weed of gravel, roadsides, parks, paths *etc.*

Polygonum boreale (Northern Knotgrass)#

R. A northern species often near the coast.

Polygonum oxyspermum (Ray's Knotgrass)

R. Rare in towns and usually coastal. Aberdeen.

Polypogon monspeliensis (Annual Beard-grass)#

R. A native but probably a casual here. Aberdeen.

Polypogon viridis (Water Bent)*

O. Has probably spread recently, *e.g.* Firhill, Edinburgh.

Populus alba (White Poplar)*

O. Often spreads from suckers, *e.g.* Musselburgh, Dundee.

Populus x canescens (P. alba x tremula)*

R. Spreads by suckers. Glasgow.

Populus balsamifera x deltoides (P. x jackii) (Balm-of-Gilead)*

R. Planted and spreads by suckers. Glasgow.

Populus nigra (Black Poplar)

R. Native but planted here. Niddrie Burn.

Populus nigra x deltoides (P. x canadensis) (Hybrid Black Poplar)*

R. Planted and may self-propagate.

Populus tremula (Aspen)

O. A few urban sites in woodland. *e.g.* Carnoustie, Edinburgh.

Potamogeton crispus (Curled Pondweed)#

R. Scarce in towns in ponds and canals. Forth and Clyde Canal.

Potamogeton gramineus (Various-leaved Pondweed)

R. In ponds *etc.* Rare in towns. Edinburgh.

Potamogeton gramineus x perfoliatus (P. x nitens)

R. Rare in towns in water. Johnstone.

Potamogeton lucens (Shining Pondweed)

R. Ponds and rivers. Glasgow.

Potamogeton natans (Broad-leaved Pondweed)

R. Rare in ponds *etc.* Dingwall.

Potamogeton pectinatus (Fennel Pondweed)

R. In rivers and lochs. River Clyde, Glasgow.

Potamogeton perfoliatus (Perfoliate Pondweed)

R. In water bodies. Slateford.

Potamogeton pusillus (Lesser Pondweed)#

R. Rare in water-bodies in towns. Edinburgh.

Potamogeton trichoides (Hairlike Pondweed)#

R. In water and only in southern Scotland, Glasgow.

Potentilla anglica (Trailing Tormentil)

R. Dry places, *e.g.* Glasgow Green.

Potentilla anserina (Silverweed)

F. Often on roadsides, rough ground, parks *etc.*, *e.g.* Perth, Tain.

Potentilla erecta (Tormentil)

O. Much less common than in some rural areas, *e.g.* Perth, Stirling.

Potentilla fruticosa (Dasiphora fruticosa) (Shrubby Cinquefoil)

R. Native, but here will be a garden throw-out, *e.g.* Dingwall, Water of Leith.

Potentilla palustris (Comarum palustre) (Marsh Cinquefoil)

O. In wet and watery sites, *e.g.* Edinburgh.

Potentilla reptans (Creeping Cinquefoil)

O. Grassy places *e.g.* Dundee, Granton.

Potentilla sterilis (Barren Strawberry)

O. Often on roadsides, banks *etc.*, *e.g.* Stirling, Dalgety Bay.

Potentilla verna (tabernaemontani) (Spring Cinquefoil)

R. Scarce plant of base-rich slopes, Edinburgh Holyrood.

Poterium sanguisorba (Salad Burnet)

R. in grassy patches *etc.*, *e.g.* Edinburgh, Glasgow.

Primula florindae (Tibetan Cowslip)*#

R. An occasional garden throw-out, *e.g.* Evanton Industrial estate.

Primula japonica (Japanese Cowslip)*

R. An unusual garden escape. Strathpeffer.

Primula pulverenta (Red Cowslip)*#

R. An infrequent species from China. Glasgow.

Primula veris (Cowslip)

O. Native but sometimes introduced, *e.g.* Dundee riverside, Dalgety Bay.

Primula x polyantha (P. vulgaris x veris)#

R. Some records may relate to garden escapes. Edinburgh.

Primula vulgaris (Primrose)

O. Woodland and grassy banks, *e.g.* Nairn, Alness.

Prunella vulgaris (Selfheal)

A. A very common plant of waysides, parks, allotments *etc.*

Prunus avium (Wild Cherry)

O. Seedlings quite often appear in towns, *e.g.* Falkirk, Tweedbank.

Prunus cerasifera (Cherry Plum)*

R. Can spread by suckers. Sites in Edinburgh.

Prunus cerasus (Dwarf Cherry)

R. Rare in towns in hedges *etc.* Edinburgh.

Prunus domestica (Wild Plum)

R. In scrubby places. Fortrose, Water of Leith.

Prunus laurocerasus (Cherry Laurel)*

O. Often planted and self-seeds in wooded places. Lawrence Kirk, Thornliebank.

Prunus lusitanica (Portugal Laurel)*

R. Found in a few wooded areas *etc.*, *e.g.* Tain, Edinburgh.

Prunus padus (Bird Cherry)

O. In a few wooded areas, *e.g.* Canon Bridge, Water of Leith.

Prunus spinosa (Blackthorn)

O. In scrubby places, *e.g.* Tweedbank, Stirling.

Pseudofumaria lutea (Yellow Corydalis)*

F. Often seen on urban walls, *e.g.* Inverness, Montrose.

Pseudosasa japonica (Arrow Bamboo)*#

R. An escape from cultivation. Edinburgh.

Puccinellia distans (Reflexed Saltmarsh-grass)

R. Coastal but also sometimes on salt-treated roads. Musselburgh, Cockenzie.

Puccinellia maritima (Saltmarsh grass)

R. On urban shores and saltmarshes, Avoch, Musselburgh.

Pulicaria dysenterica (Common Fleabane)

R. In damp places. Carnoustie.

Pulmonaria officinalis (Lungwort)*

O. Sometimes escapes by paths, in scrub *etc.*, *e.g.* Dundee, Rosemarkie.

Pulmonaria rubra (Red lungwort)*

R. A garden escape in a few places, *e.g.* Peterculter, Edinburgh.

Pyracantha coccinea (Fire-thorn)*#

R. A rare escape. From Southern Europe. Granton.

Pyrola minor (Common Wintergreen)

R. Unusual in towns. By paths, in woodland. Dundee, Strathpeffer.

Pyrus spp. (Pear)

R. Likely to be of garden origin here. Dornoch, Glasgow.

Quercus cerris (Turkey Oak)*

R. Rare in towns, From Southern Europe. Glasgow, Edinburgh.

Quercus petraea (Sessile Oak)

O. Sometimes recorded in towns, *e.g.* Duddingston, Inverness.

Quercus robur (Pedunculate Oak)

O. Perhaps more frequent than the above, *e.g.* Stirling, Dundee.

Quercus rubra (Red Oak)*

R. Rare in towns, *e.g.* Alford, Glasgow.

Ranunculus acris (Meadow Buttercup)

A. Widespread although less so than *R. repens*.

Ranunculus aquatilis (Common Water-crowfoot)#

R. In water and very unusual in towns. Johnstone.

Ranunculus auricomus (Goldilocks Buttercup)

R. In woods *etc.*, *e.g.* Craiglockhart, Dundee.

Ranunculus bulbosus (Bulbous Buttercup)

O. Often by the coast in grassy places, *e.g.* Carnoustie, Edinburgh.

Ranunculus ficaria (Ficaria verna) (Lesser Celandine)

A. This plant is widespread, in woodland and also as an urban weed.

Ranunculus flammula (Lesser Spearwort)

O. In wet and watery places, *e.g.* Inverness, Edinburgh.

Ranunculus fluitans (River Water-crowfoot)

O. In rivers in a few places. Granton-on-Spey, nr. Bothwell.

Ranunculus lingua (Greater Spearwort)

R. In marshes and by streams, *e.g.* Tain, Dundee Clatto.

Ranunculus peltatus (Pond Water-crowfoot)

R. Very scarce in towns. Water of Leith.

Ranunculus penicillatus (Stream water-crowfoot)

R. In rivers and streams. *e.g.* Dundee Trottick, Edinburgh Blackford.

Ranunculus repens (Creeping Buttercup)

A. One of the most ubiquitous urban plants.

Ranunculus sceleratus (Celery-leaved Buttercup)

R. In wet habitats *e.g.* Glasgow, Dingwall.

Raphanus raphanistrum (Sea Radish)

O. Scattered on waste ground, *e.g.* Glasgow, Edinburgh, Girvan.

Raphanus sativus (Garden Radish)†#

R. An archaeophyte. From gardens. Glasgow.

Reseda lutea (Wild Mignonette)

O. Disturbed ground *etc.*, *e.g.* Glasgow, Edinburgh.

Reseda luteola (Weld)†

F. On waste ground, coastal cliffs, by paths *etc.* Galashiels, Kirkcaldy.

Reseda odorata (Garden Mignonette)*#

R. Rarely found as an escape. Glasgow.

Rheum palmatum x rhaponticum (Rhubarb)*

R. Commonly grown and often escapes or persists, *e.g.* North Kessock, Carnoustie.

Rhinanthus minor (Yellow Rattle).

O. By tracks *etc.* Perhaps less common than in rural places. *e.g.* Tain, Dundee.

Rhododendron ponticum (Rhododendron)*

O. Self-propagates readily although usually in small patches in towns.

Ribes alpinum (Mountain Currant)*#

R. Although native is probably introduced here. Edinburgh.

Ribes nigrum (Black Currant)*

O. Often escapes from cultivation. *e.g.* Ullapool. Pollockshaws.

Ribes rubrum (Red Currant)

O. Probably native but most urban plants are likely to be from cultivation.

Ribes sanguineum (Flowering Currant)*

O. A garden escape by railways, on waste ground *etc.*, *e.g.* Thurso, Invergordon.

Ribes uva-crispa (Gooseberry)*

O. Escapes from cultivation, *e.g.* Glasgow, Alva.

Rorippa amphibia (Great Yellow-cress)#

R. Native in the south but may be introduced here. Edinburgh.

Rorippa austriaca (Austrian Yellow-cress)*#

R. Scarce on waste ground *etc.*, Edinburgh.

Rorippa nasturtium-aquaticum (Nasturtium officinale) (Water-cress)

O. In water bodies. Not always distinguished from *N. microphyllum* and hybrid.

Rorippa palustris (Marsh Yellowcress)

R. In damp places, *e.g.* Kelso, Glasgow.

Rorippa sylvestris (Creeping Yellow-cress)

O. Disturbed ground *etc.*, *e.g.* Paisley, Edinburgh.

Rosa caesia (Northern Dog-rose)

R. Probably more frequent than rare as many roses were not identified.

Rosa canina (Dog-rose)

O. More common in the south. *e.g.* Edinburgh, Musselburgh.

Rosa canina agg.

O. Many dog roses were not identified to species.

Rosa mollis agg.

R. A downy rose not identified to species.

Rosa rubiginosa (Sweet-briar)

R. In scrub *etc.*, Edinburgh.

Rosa rugosa (Japanese Rose)*

F. An escape from planted bushes. Sometimes on the coast, *e.g.* Buckhaven, Avoch.

Rosa spinosissima (Burnet Rose)

O. Often coastal, *e.g.* Shandwick, Edinburgh.

Rosmarinus officinalis (Rosemary)*#

R. This garden plant occasionally escapes. Glasgow.

Rubus caesius (Dewberry)

O. May be under-recorded, *e.g.* Edinburgh, Braehead.

Rubus dasycarpus

R. One of the microspecies in series *Hystrix*.

Rubus fruticosus agg. (Bramble)

A. Most bramble records are as aggregate. Widespread in various habitats.

Rubus idaeus (Raspberry)

A. Native but also an escape from cultivation.

Rubus laciniatus (Parsley-leaved Bramble)*

R. A rare garden escape, *e.g.* Dingwall, Edinburgh.

Rubus loganobaccus (Loganberry)*

R. May escape from cultivation.

Rubus spectabilis (Salmonberry)*

R. A garden escape in places, *e.g.* Broughty Ferry, Edinburgh.

Rubus tricolor (Chinese Bramble)*

O. A garden escape in shrubbery *etc.*, *e.g.* Dingwall, Water of Leith.

Rudbeckia laciniata (Coneflower)*

R. Can form large patches along rivers, *e.g.* Perth.

Rumex acetosa (Common Sorrel)

A. Widespread in grassy places, parks, woodland *etc.*

Rumex acetosella (Sheep's Sorrel)

F. On tracks, allotments, footpaths, open land *etc.*

Rumex conglomeratus (Clustered Dock)

R. In wet habitats. Not in the north. Glasgow, Edinburgh.

Rumex crispus (Curled Dock)

A. Often on the coast, ditches, roads *etc.*, *e.g.* Wick, Buckhaven.

Rumex hydrolapathum (Water Dock)

R. By or in water bodies. Union Canal.

Rumex longifolius (Northern Dock)

O. In damp places, *e.g.* Aberdeen, Muir of Ord.

Rumex obtusifolius (Broad-leaved Dock)

A. The most widespread dock. On waste ground, car parks, grassland *etc.*

Rumex sanguineus (Wood dock)

O. In damp and wooded places, *e.g.* Edinburgh, Glasgow.

Ruppia maritima (Beaked Tasselweed)

R. On the tidal shore at Tain and formerly in links pond.

Ruscus aculeatus (Butcher's Broom)

R. Native in the south but an introduction here. Woodland *etc.*, Hamilton, Edinburgh.

Ruscus hypoglossum (Spineless Butcher's-broom)*#

R. An unusual plant of garden origin. Edinburgh.

Sagina apetala ss. and agg. (Annual Pearlwort)

O. It has not always been possible to identify *Sagina* to species.

Sagina filicaulis (Slender Pearlwort)

R. May be commoner than the numbers imply. On paths *etc.*, North Kessock.

Sagina maritima (Sea Pearlwort)

R. By the sea, *e.g.* Anstruther.

Sagina nodosa (Knotted Pearlwort)

R. Less common in towns than rural places *e.g.* Glasgow.

Sagina procumbens (Procumbent Pearlwort)

A. Very widespread on pavements, grounds, buildings *etc.*

Sagina subulata (Heath Pearlwort)

R. Much less frequent than the above, *e.g.* Cramond.

Sagittaria sagittifolia (Arrowhead)#

R. Infrequent, in watery places. Glasgow.

Salicornia sp. (Glasswort)

R. On shores at the edge of towns, *e.g.* Dingwall.

Salix alba (White Willow)†

O. An archaeophyte but often planted in damp places.

Salix aurita (Eared Willow)

R. Mainly upland and very unusual in towns, *e.g.* Perth.

Salix caprea (Goat Willow)

F. Widely spread on rough ground, woodland *etc.*, *e.g.* Tain, Pollockshaws.

Salix cinerea (Grey Willow)

O. Less common than *S. caprea* in towns. *e.g.* Dundee, Musselburgh.

Salix euxina (Eastern Crack-willow)*

R. Rarely recorded, *e.g.* Water of Leith.

Salix fragilis (Salix euxina x alba) (Hybrid Crack-willow)†

O. An archaeophyte but often planted. Often in damp places, *e.g.* Tain.

Salix myrsinifolia (Dark-leaved Willow)

R. Native but sometimes planted, *e.g.* Perth.

Salix purpurea (Purple Willow)

R. Less frequent in towns than in the countryside, *e.g.* Edinburgh.

Salix repens (Creeping Willow)

R. Scarce in towns in contrast to some rural places, *e.g.* East Kilbride.

Salix viminalis (Osier)†

O. Although native is also planted. Wet habitats *e.g.* Tain, Perth.

Salix x smithii (Salix viminalis x caprea) (Broad-leaved Osier)

R. Native and also planted, *e.g.* Glasgow.

Salvia nemorosa (Balkan Clary)*

R. Very scarce in Scotland, *e.g.* Edinburgh, Dornoch.

Salvia officinalis (Sage)*#

R. An infrequent escape from cultivation. Glasgow.

Salvia splendens (Scarlet Sage)*#

R. Extremely rare as a throw-out. Edinburgh.

Sambucus nigra (Elder)

A. Very widespread and self-seeds, *e.g.* churchyards, railways, parks *etc.*

Sanguisorba officinalis (Great Burnet)

R. Very rare in Scotland. Glasgow.

Sanicula europaea (Sanicle)

R. In woodlands. Much less common than in the countryside, *e.g.* Edinburgh.

Saponaria officinalis (Soapwort)

R. An archaeophyte that is also a garden escape *e.g.* Carnoustie, Shandwick.

Sasa palmata (Broad-leaved Bamboo)*#

R. From Japan. In streets, wooded places *etc.*, Edinburgh.

Saxifraga granulata (Meadow Saxifrage)

O. Found in churchyards, urban reserves *etc.*, *e.g.* Tain, Dundee.

Saxifraga hirsuta (Kidney Saxifrage)#

R. Native in Ireland but an escape here. Dregghorn.

Saxifraga rotundifolia (Round-leaved Saxifrage)*#

R. A garden escape, *e.g.* Glasgow.

Saxifraga tridactylites (Rue-leaved Saxifrage)#

O. Infrequent in this survey, but increasing in parts of the Glasgow area.

Saxifraga umbrosa x spathularis (S. x urbium) (Londonpride)*

O. An occasional garden escape on waste ground *etc.*, *e.g.* Lairg, Alva.

Scabiosa columbaria (Small Scabious)#

R. A native plant, rare in Scotland. Edinburgh.

Schizostylis coccinea (Kaffir Lily)*#

R. A rare garden escape of South African origin. Edinburgh.

Schoenoplectus lacustris (Common Club-rush)

R. In lochs *etc.*, very rare in towns, *e.g.* Tain pond, where it may have been planted.

Scilla forbesii (Glory-of-the-snow)*

O. Flowers early and is seen as a garden escape or throw out, *e.g.* Edinburgh, Alness.

Scilla luciliae (Boissier's Glory-of-the-snow)*

R. A rare early garden escape. Invergowrie.

Scilla sardensis (Lesser Glory-of-the-snow*)

R. An escape mainly recorded in recent years. Strathpeffer, Dundee.

Scilla sibirica (Siberian Squill)*

R. Another early flowering garden throw out, *e.g.* Alness.

Scirpus sylvaticus (Wood club-rush)

R. In damp and wooded places. Absent from the north, *e.g.* Kelvingrove.

Scorzoneroide autumnalis (Autumn Hawkbit)

O. Scattered on roadsides, waste ground, walls *etc.*, *e.g.* Wick, Forfar.

Scrophularia auriculata (Water Figwort)

O. Less common in Scotland than England. Watery habitats, *e.g.* Water of Leith.

Scrophularia nodosa (Common Figwort)

O. In woodland, by paths *etc.*, *e.g.* Stirling, Carnoustie.

Scrophularia umbrosa (Green Figwort)

R. Damp places. Not in the north, *e.g.* Edinburgh, Paisley.

Scutellaria galericulata (Skullcap)

R. Wet places. Scarce in towns compared with the countryside, *e.g.* Dingwall.

Securigera (Coronilla) varia (Crown Vetch)*#

R. An infrequent escape from gardens. Shandwick, by the shore.

Sedum acre (Biting Stonecrop)

F. Often on walls, also footpaths *etc.*, *e.g.* Forfar, Newburgh.

Sedum album (White Stonecrop)†

F. On footpaths, churchyards, woods *etc.*, *e.g.* Alness, Alyth.

Sedum anglicum (English Stonecrop)

F. On urban walls, roadsides *etc.*, *e.g.* Aberdour, Thurso.

Sedum dasyphyllum (Thick-leaved Stonecrop)*#

R. A garden escape of European origin. Edinburgh.

Sedum forsterianum (Petrosedum) (Rock Stonecrop)

O. An occasional escape on walls *etc.*, *e.g.* Aberfeldy, Avoch.

Sedum rupestre (Petrosedum) rupestre (Reflexed Stonecrop)*#

R. On walls *etc.* A European species. East Kilbride, Edinburgh.

Sedum spathulifolium (Colorado Stonecrop)*#

R. An infrequent garden throw-out. Dornoch, Edinburgh.

Sedum spectabile (Hylotelephium) (Butterfly Stonecrop)

R. Probably less widespread than the above on walls *etc.*, Kelso, Edinburgh.

Sedum spurium (Phedimus spurius) (Caucasian Stonecrop)*

R. An infrequent garden throw-out, *e.g.* Dornoch, Kelvinside.

Sedum telephium (Hylotelephium telephium) (Orpine)

O. Native, but here mainly an escape, *e.g.* Perth, Kelso.

Sempervivum tectorum (House-leek)*#

R. Grows on walls and buildings. Now rare. Edinburgh.

Senecio aquaticus (Jacobaea aquaticus) (Marsh Ragwort)

R. In watery places but uncommon in towns, *e.g.* Thurso, Edinburgh.

Senecio cineraria (Jacobaea maritima) (Silver Ragwort)*

R. A scarce escape by roadsides *etc.*, *e.g.* Brora, Edinburgh.

Senecio inaequidens (Narrow-leaved Ragwort)*

O. By footpaths, car parks *etc.* Probably spreading, Dundee, Aberdeen.

Senecio jacobaea (Jacobaea vulgaris) (Common Ragwort)

A. One of the commonest urban plants in many habitats.

Senecio sarracenicus (Broad-leaved Ragwort)*#

R. Usually in wet places. Cramond.

Senecio squalidus (Oxford Ragwort)*

F. Commoner in the south, sometimes by railways.

Senecio sylvaticus (Heath Groundsel)

R. On disturbed and open places, *e.g.* Musselburgh and Edinburgh.

Senecio viscosus (Sticky Groundsel)*

F. Widely recorded on waste or disturbed ground, *e.g.* Aberdeen, Arbroath.

Senecio vulgaris (Groundsel)

A. Extremely common on pavements, cultivated ground *etc.*

Seriphidium maritimum (Sea Wormwood)

R. Very rare and coastal. North Berwick and Dunbar.

Setaria viridis (Green Bristle-grass)*#

R. May be an occasional throw-out. Glasgow.

Sherardia arvensis (Field Madder)

R. Has become much rarer in recent years. Alness station.

Silene armeria (Sweet-William Catchfly)*#

R. Infrequent and from Europe. Edinburgh.

Silene coronaria (Rose Campion)*

R. An unusual garden escape. *e.g.* Easterhouse, Invergordon.

Silene dioica (Red Campion)

A. Very frequent in town and country. On waste ground, paths, as a garden weed *etc.*

Silene flos-cuculi (Lychnis) (Ragged-robin)

O. On damp ground. *e.g.* Fortrose, Perth.

Silene latifolia (White Campion)†

F. By paths, derelict ground *etc.* *e.g.* Inverness, Prestonpans.

Silene x hampeana (S. dioica x latifolia) (Hybrid Campion)

O. This hybrid occurs in some places near both parents. *e.g.* Stirling.

Silene uniflora (Sea Campion)

O. By the shore in some towns. *e.g.* North Kessock, Edinburgh.

Silene vulgaris (Bladder Campion)

R. Very infrequent in towns. *e.g.* Dundee Stannergate.

Silybum marianum (Milk Thistle)†#

R. On rough ground sometimes by the shore. Hilton, Edinburgh.

Sinapis alba (White Mustard)

R. A few records from allotments *etc.*, *e.g.* Edinburgh, Glasgow.

Sinapis arvensis (Charlock)†

O. On waste ground, possibly less common than formerly, *e.g.* Aberdeen.

Sisymbrium altissimum (Tall Rocket)*#

O. Rare on waste ground, by paths *etc.*, *e.g.* Edinburgh, North Kessock.

Sisymbrium officinale (Hedge Mustard)†

A. A common urban species growing by paths, on derelict ground *etc.*

Sisymbrium orientale (Eastern Rocket)*

O. On waste ground in a few places, *e.g.* Perth, Invergordon.

Sisyrinchium striatum (Pale Yellow-eyed-grass)*#

R. A garden escape from South America. Edinburgh.

Smyrniololium olusatrum (Alexanders)†

R. In central Scotland often near the sea. Edinburgh.

Solanum diflorum (S. pseudocapsicum) (Winter-cherry)*#

R. A rare casual in towns. Edinburgh.

Solanum dulcamara (Bittersweet)

F. By roadsides, hedges *etc.*, *e.g.* Bonar Bridge, Perth.

Solanum lycopersicum (Tomato)*#

R. May be found as an escape from cultivation. Glasgow.

Solanum nigrum (Black Nightshade)

R. Occasional by car parks, cultivated ground *etc.*, *e.g.* Bonar Bridge, Helensburgh.

Solanum tuberosum (Potato)*

R. An occasional escape from cultivation *e.g.* Edinburgh, Balintore.

Soleirolia soleiroliae (Mind-your-own-business)*

O. In a few places by paths *etc.*, *e.g.* Dornoch, Glasgow.

Solidago canadensis (Canadian Goldenrod)*

O. On derelict land *etc.*, *e.g.* Carnoustie, Burntisland.

Solidago gigantea (Early Goldenrod)*

R. A North American species on waste land *etc.*, Edinburgh.

Solidago virgaurea (Goldenrod)

O. Less common than in rural locations. Edinburgh.

Sonchus arvensis (Perennial Sow-thistle)

O. Especially by the coast. *e.g.* Tayport, Thurso.

Sonchus asper (Prickly Sow-thistle)

A. Very frequent in towns on pavement edges *etc.*

Sonchus oleraceus (Smooth sow-thistle)

A. Abundant by paths, car parks *etc.*

Sorbaria sorbifolia (Sorbaria)*

R. An unusual escape by the Water of Leith.

Sorbus aria (Whitebeam)

O. Probably derived from planted trees here. Various apomictic species.

Sorbus aucuparia (Rowan)

F. Grows in many places and seeds readily.

Sorbus x turingiaca (S. aucuparia x aria)

R. A hybrid sometimes planted. Dornoch, Edinburgh.

Sorbus intermedia (Swedish Whitebeam)*

O. May be planted or self-sown. Glasgow, Edinburgh.

Sorbus rupicola (Rock Whitebeam)

R. Cliffs and rocky places. Nationally scarce. Blackford Hill, Edinburgh.

Sparganium emersum (Unbranched Bur-reed)

R. In still water in a few places, *e.g.* Glasgow, Union Canal.

Sparganium erectum (Branched Bur-reed)

F. In water bodies, *e.g.* Dingwall, Edinburgh.

Spartina anglica (Common Cord-grass).

R. A new species that arose in S. England. Rare in Scotland. Can be invasive. Dingwall.

Spargula arvensis (Corn Spurrey)

O. On arable and waste ground *etc.*, *e.g.* Inverness, Perth.

Spargularia marina (Lesser Sea-spurrey)

O. On some urban shores and also salt treated roads, *e.g.* Cockenzie, Dundee.

Spargularia media (Greater Sea-spurrey)

R. Rare on urban shores, *e.g.* Tain.

Spargularia rubra (Sand Spurrey)

O. On gravel tracks *etc.*, *e.g.* Invergordon, Inverness.

Spiraea agg. (Brideworts)*

O. Many could not be identified to species level.

Spiraea japonica (Japanese Spiraea)*

R. Of garden origin, in streets, hedges, *e.g.* Lairg, Edinburgh.

Spiraea multiflora x thunbergii (S. x argata) (Bridal Spray)*

R. A garden relic, *e.g.* Edinburgh, Golspie.

Spirodela polyrhiza (Greater Duckweed)

R. In ponds *etc.*, where it may sometimes have been introduced, *e.g.* Strathpeffer, Edinburgh.

Stachys arvensis (Field Woundwort)†#

R. Rare in the north. Cultivated places. Edinburgh area.

Stachys byzantina (Lamb's-ear)*#

R. A garden throw-out, only rarely recorded. Edinburgh.

Stachys (Betonica) officinalis (Betony)#

R. Rare in Scotland where it may sometimes have been planted, *e.g.* Edinburgh.

Stachys palustris (Marsh Woundwort)

O. In various damp habitats, *e.g.* Thurso, Kelso.

Stachys sylvatica (Hedge Woundwort)

F. Widespread in woodland, waste land, by paths *etc.*

Stachys sylvatica x palustris (S. x ambigua)

R. This hybrid may be found where both parents occur.

Stellaria alsine (Bog Stitchwort)

O. In some boggy places, *e.g.* Edinburgh, Dingwall.

Stellaria aquatica (Myosoton) (Water Chickweed)#

R. Very rare in Scotland. In Dingwall on grassland where it may not persist.

Stellaria graminea (Lesser Stitchwort)

F. Frequent by tracks, in wooded places *etc.*

Stellaria holostea (Greater Stitchwort)

O. Less frequent than the former in towns, in wooded patches, *e.g.* Evanton, Aberdour.

Stellaria media (Chickweed)

A. One of the commonest wild plants in towns, on bare ground, pavements.

Stellaria nemorum (Wood Stitchwort)

R. Much less common than in the countryside and absent from the far north.

Stellaria pallida (Lesser Chickweed)

O. This may be more frequent than records indicate. Sometimes by the coast, *e.g.* Tain.

Stratiotes aloides (Water-soldier)

R. May be introduced in Scotland where it is rare. Edinburgh Cammo.

Succisa pratensis (Devil's-bit Scabious)

O. Much less common than in rural places, *e.g.* Dundee, Edinburgh.

Sutera (Chaenostoma) cordata (Bacopa)*#

R. A rare escape from gardens. Of South African origin. Edinburgh, Dornoch.

Symphoricarpos albus (Snowberry)*

F. Often originally planted but then spreads by runners *etc.*

Symphytum caucasicum (Caucasian Comfrey)*

R. A rare escape from cultivation, *e.g.* Edinburgh.

Symphytum grandiflorum (Creeping Comfrey)*

R. An unusual garden escape, *e.g.* Brora.

Symphytum officinale (Common Comfrey)

O. In a few places but less common than its hybrid, *e.g.* Avoch, Stirling.

Symphytum x uplandicum (S. officinale x asperum) (Russian Comfrey)*

F. Fairly widespread in town and country. By roads and on waste ground *etc.*

Symphytum tuberosum (Tuberous Comfrey)

O. Here and there in towns in wet habitats, *e.g.* Bridge of Allan, Polmont.

Syringa vulgaris (Lilac)*

O. Of garden origin, *e.g.* Dundee, Edinburgh.

Tagetes patula (French Marigold)*#

R. An infrequent garden escape. Dornoch.

Tanacetum macrophyllum (Rayed Tansy)*#

R. A few records from Scottish towns. Edinburgh, Glasgow.

Tanacetum parthenium (Feverfew)†

A. In many towns on walls, pavements, waste places *etc.*, *e.g.* Auchtermuchty, Scone.

Tanacetum vulgare (Tansy)

F. On waste and grassy areas, *e.g.* Aberdeen, Dundee.

Taraxacum agg. (Dandelion)

A. One of the most abundant urban plants. Microspecies are not listed here.

Teesdalia nudicalis (Shepherd's Cress)

R. Unusual on gravel paths *etc.*, *e.g.* Fortrose.

Tellima grandiflora (Fringecups)*

O. In several sites by paths *etc.* as a garden escape, *e.g.* Strathpeffer, Stirling.

Tetragonia tetragonoides (New Zealand Spinach)*#

R. A very unusual garden escape. Glasgow.

Teucrium scorodonia (Wood Sage)

O. In many wooded and similar places, *e.g.* Galashiels, Aberdour.

Thalictrum minus (Lesser Meadow-rue)

R. In a few places, mainly on the coast. Carnoustie.

Thlaspi arvense (Field Penny-cress)†

O. On waste and disturbed land, *e.g.* Edinburgh, Fortrose.

Thymus polytrichus (drucei) (Wild Thyme)

O. Probably less common than in rural places, *e.g.* Dornoch, Stirling.

Thymus vulgaris (Garden Thyme)*#

R. An occasional escape from cultivation, *e.g.* Shandwick, Glasgow city.

Tilia cordata (Small-leaved Lime)

R. Probably planted in this area. Edinburgh.

Tilia platyphyllos (Large-leaved Lime)

R. Probably planted here. Edinburgh.

Tilia x europaea (T. platyphyllos x cordata) (Lime)

O. By far the commonest Lime. Native, but usually planted.

Tolmeia menziesii (Pic-a-back-plant)*

O. From N. America and seen as a garden throw-out, *e.g.* Water of Leith.

Torilis japonica (Upright Hedge-parsley)

O. Perhaps less common than in the countryside but still not infrequent in towns.

Torilis nodosa (Knotted Hedge-parsley)

O. Very scarce in Scotland, *e.g.* Dalry graveyard.

Tragopogon pratensis (Goat's Beard)

O. A native but many plants are introductions, *e.g.* Perth, Carnoustie.

Triantalis europaea (Chickweed Wintergreen)#

R. A pine wood species unusual in towns. Aberdeen.

Trifolium arvense (Hare's-foot Clover)

O. Often on the coast and less common in the north, *e.g.* Dundee, Stirling.

Trifolium aureum (Large Trefoil)*#

R. A rare alien species, *e.g.* Glasgow.

Trifolium campestre (Hop Trefoil)

F. By paths, grassland *etc.*, *e.g.* Avoch, Musselburgh.

Trifolium dubium (Lesser Trefoil)

A. Very common in bare and disturbed places.

Trifolium hybridum (Aliske Clover)

O. Seen on rough and open ground. Edinburgh, Glasgow.

Trifolium medium (Zigzag Clover)

O. Grassland, by paths *etc.* North Kessock, Edinburgh.

Trifolium micranthum (Slender Trefoil)#

R. Native but perhaps introduced here. Edinburgh, Dundee.

Trifolium pratense (Red Clover)

A. Widespread in grassy places, by paths *etc.*

Trifolium resupinatum (Reversed Clover)*#

R. Very unusual in Scotland. Glasgow.

Trifolium repens (White Clover)

A. One of the commonest urban plants on grassy areas *etc.*

Trifolium striatum (Knotted Clover)

R. Rare in towns, *e.g.* Edinburgh.

Triglochin maritima (Sea Arrowgrass)

R. On saltmarsh *etc.* on coasts in towns, *e.g.* Wick.

Triglochin palustris (Marsh Arrowgrass)

R. Unusual in towns in wet places. Edinburgh.

Tripleurospermum inodorum (Scentless Mayweed)†

A. Widespread in town and country on cultivated and waste ground.

Tripleurospermum maritimum (Sea Mayweed)

F. Frequent on shores in coastal towns, *e.g.* Tayport, Wick.

Trisetum flavescens (Yellow Oat-grass)

O. Often on base-rich ground. Uncommon in the north. Edinburgh, Aberdour.

Triticum aestivum (Bread Wheat)†

O. A relic of cultivation, *e.g.* Water of Leith, Evanton.

Triticum turgidum (Rivet Wheat)*#

R. A rare escape from cultivation. Glasgow.

Trollius europaeus (Globeflower)

R. Much less common than in rural areas.

Tropaeolum majus (Nasturtium)*

O. A garden escape by roads *etc.*, *e.g.* Dundee, Bridge of Earn.

Tropaeolum speciosum (Flame Nasturtium)*

R. An unusual garden escape. Lairg.

Tulipa gesneriana (Garden tulip)*

O. A garden throw out, often on waste ground, *e.g.* Carnoustie, Balintore.

Tussilago farfara (Coltsfoot)

A. Common in town and country often in wet places, by paths *etc.*

Typha angustifolia (Lesser Bulrush)

R. Uncommon in Scotland in ponds *etc.*, *e.g.* Dreghorn.

Typha latifolia (Bulrush)

O. In some ponds, bogs *etc.*, *e.g.* Perth, Falkirk.

Ulex europaeus (Gorse)

A. Very common on waste ground, heaths *etc.* Can be invasive.

Ulmus glabra (Wych Elm)

A. Widespread in towns and sets seed.

Ulmus minor (Small-leaved Elm)

R. Rare in Scotland. Marchmont, Edinburgh

Umbilicus rupestris (Navelwort)

R. Rare in Scotland, on walls and rocky slopes, *e.g.* Edinburgh Blackford.

Urtica dioica (Common Nettle)

A. Very common on most places on waste ground, gardens *etc.*

Urtica urens (Small Nettle)†

R. Much less common than *U. dioica* on waste ground *etc.*, *e.g.* Balintore, Glasgow.

Vaccinium myrtillus (Bilberry)

O. Mainly rural but a few records from forest and moor on town edges, *e.g.* Perth.

Valeriana dioica (Marsh Valerian)

R. Rare in Scotland in bogs *etc.*, Melrose.

Valeriana officinalis (Common Valerian)

O. On grassland, woodland or by wet places *etc.*, *e.g.* Aberdeen, Lairg.

Valeriana pyrenaica (Pyrenean Valerian)*#

R. May be in damp places. Glasgow, Edinburgh.

Valerianella carinata (Keel-fruited Valerian)†

R. By the coast in Dundee. May be under-recorded.

Valerianella locusta (Common Cornsalad)

O. Often in sandy places by the coast but can be inland on car parks *etc.*, *e.g.* Callander.

Verbascum nigrum (Dark Mullein)#

R. Unusual in Scottish towns, *e.g.* Glasgow, Edinburgh.

Verbascum thapsus (Great Mullein)

O. Scattered on waste ground *etc.*, *e.g.* Aviemore, Invergordon.

Verbascum virgatum (Twiggy Mullein)*#

Q. A few records from Scotland, *e.g.* Glasgow, Leith.

Verbena bonariensis (Argentine Vervain)*#

R. A rare garden escape from South America. Edinburgh, Glasgow.

Verbena officinalis (Vervain)†#

R. Common in southern Britain but rare here. Dalmarnock.

Veronica agrestis (Green Field-speedwell)†

R. Scarce in towns on cultivated or disturbed ground. Edinburgh allotments and zoo.

Veronica anagallis-aquatica (Blue Water-speedwell)

R. Scarce in water bodies. Edinburgh lochs and ponds.

Veronica arvensis (Wall Speedwell)

A. Widespread on walls, paths *etc.*

Veronica beccabunga (Brooklime)

O. In ditches, bogs *etc.*, *e.g.* Alyth, Perth.

Veronica chamaedrys (Germander Speedwell)

A. Abundant on grassland, roadsides, woods.

Veronica filiformis (Slender Speedwell)*

F. Often in lawns, grassland, parks *etc.*, *e.g.* Stirling, Menstrie.

Veronica x francescana (V. elliptica x speciosa) (Hedge Hebe)*#

R. An escape from cultivation. Edinburgh.

Veronica hederifolia (Ivy-leaved Speedwell)

F. Often by paths, gardens, waste ground, *e.g.* Rosemarkie, Pitlochry.

Veronica longifolia (Garden Speedwell)*

R. An infrequent garden escape. Golspie.

Veronica montana (Wood Speedwell)

O. Mainly in woodland, *e.g.* Dundee, Edinburgh.

Veronica officinalis (Heath Speedwell)

O. Less common than in rural areas but may be seen near the edge of towns.

Veronica peregrina (American Speedwell)*

R. A rare garden escape on streets *etc.*, *e.g.* Clackmannan.

Veronica persica (Common Field Speedwell)*

F. Often on cultivated or disturbed ground, *e.g.* Dalgety Bay, St Madoes.

Veronica polita (Grey Field Speedwell)

R. A rare weed of cultivation, *e.g.* Edinburgh.

Veronica salicifolia (Narrow-leaved Hebe)*#

R. An unusual garden escape. Edinburgh

Veronica serpyllifolia (Thyme-leaved Speedwell)

F. In many places on paths, open ground *etc.*, *e.g.* Brechin, Auchtermuchty.

Viburnum opulus (Guelder-rose)

O. In woodlands *etc.*, *e.g.* Tain, Edinburgh.

Viburnum tinus (Laurustinus)*

R. Planted and may spread, *e.g.* Dornoch, Edinburgh.

Vicia bithynica (Bithynian Vetch) #

R. May be native but likely to be an introduction here. Musselburgh.

Vicia cracca (Tufted Vetch)

A. Often to be seen in hedges, rough ground *etc.*, *e.g.* Aviemore, Muir of Ord.

Vicia faba (Broad Bean)†#

R. An archaeophyte escaped from cultivation. Edinburgh.

Vicia (Ervilla) hirsuta (Hairy Tare)

A. Widespread in gardens, waste ground, pathways *etc.*, *e.g.* Buckhaven, Cowdenbeath.

Vicia lathyroides (Spring Vetch)

R. Sandy soil and sometimes coastal. *e.g.* Edinburgh Holyrood.

Vicia lutea (Yellow-vetch)#

R. Nationally scarce and often coastal. Musselburgh.

Vicia sativa (Common Vetch)

F. On roadsides, grassland *etc.*, *e.g.* Tillicoultry, Montrose.

Vicia sepium (Bush Vetch)

A. Along roads and by woodlands, *e.g.* Aberfeldy, Stonehaven.

Vicia (Ervilla) sylvatica (Wood Vetch)

R. Rare in towns. Edinburgh Curriemuiress Park.

Vicia (Ervum) tetrasperma (Smooth Tare)

O. Mainly central belt and absent from the far north, *e.g.* Glasgow, Edinburgh.

Vinca major (Greater Periwinkle)*

O. Quite widespread as a garden escape. Laurencekirk, Newport.

Vinca minor (Lesser Periwinkle)†

O. Less frequent than the above, although native, *e.g.* Maryburgh, Edinburgh.

Viola arvensis (Field Pansy)†

O. A weed of cultivated land, field edges *etc.*, *e.g.* Galashiels, Inverness.

Viola canina (Heath Dog-violet)

R. Very scarce in urban locations.

Viola odorata (Sweet Violet)#

R. Scarce in Scotland, in scrub *etc.* Edinburgh Blackford.

Viola palustris (Marsh Violet)#

R. Much less common than in the countryside. Glasgow.

Viola x wittrockiana (V. lutea x tricolor x altaica) (Garden Pansy)

O. A scattered garden escape, by pavements *etc.*, *e.g.* Dundee, Stirling.

Viola riviniana (Common Dog-violet)

O. Fairly often seen in woodland, on grassy banks *etc.*, *e.g.* Perth, Galashiels.

Viola tricolor (Wild Pansy)

O. Occasionally recorded on waste ground *etc.*, *e.g.* Edinburgh.

Viscum album (Mistletoe)#

R. Although native it is probably an introduction here. Edinburgh.

Vulpia bromoides (Squirreltail Fescue)

O. Sites on rough ground *etc.*, *e.g.* Inverness, Aberdeen.

Vulpia myuros (Rat's-tail Fescue)†

O. Probably less common than the above, *e.g.* Kirkcaldy, Tain.

Xanthium strumarium (Rough Cocklebur)*#

R. A very rare casual. Glasgow.

Zannichellia palustris (Horned-pondweed)#

R. Rare in towns in water. Union Canal.

Zea mays (Maize)*#

R. A scarce escape from cultivation. Glasgow.

Zostera marina (Eelgrass)

R. Infrequent on sand and mud flats on occasional urban shores *e.g.* Dingwall.

Zostera noltei (Dwarf Eelgrass)

R. Similar, shore habitat to above. *e.g.* Tain.

