

# Skye, Raasay & The Small Isles (North Ebudes) Vice-county 104

## Scarce, Rare & Extinct Vascular Plant Register

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These records have been selected from the databases held by the Botanical Society of the British Isles.

The records that form the basis for this work were made by botanists, most of whom were amateur and some of whom were professional, employed by government departments or undertaking environmental impact assessments.

This publication is intended to be of assistance to conservation and planning organisations and authorities, district and local councils and interested members of the public.

My thanks go to all those who have contributed records over the years and to Chris Metherell, supported by BSBI, and to Jon Bungard for help in the preparation of this report.

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*Arabis alpina* Alpine Rock-cress

## Introduction

This Register records details of the occurrence of rare plants in vice-county 104, formally “North Ebudes” but perhaps more widely recognisable as Skye, Raasay and the Small Isles. It has been produced as part of a national initiative based on the Botanical Society of the British Isles (BSBI) vice-county system.

The Register provides a snapshot of the known distribution of rare plants up to the end of 2012. Many of the records are old, and at low (typically 10 km) resolution. However, it was considered important to produce a document now as a baseline for further recording.

Two main uses are envisaged for the Register: firstly, to indicate and provide information on taxa at risk and requiring protection and secondly, to provide a baseline in order that as detailed surveying continues, changes in occurrence and distribution can be followed.

The scientific and vernacular names are those used by Stace (2010) except that vernacular names for *Hieracium* follow Sell & Murrell (2006) and in a few cases involving subspecies or hybrids where Stace gives none, vernacular names have been gleaned from elsewhere. Species are arranged in alphabetical order of their scientific name.

## Criteria for inclusion in the Register

The principal criteria used for inclusion in the main portion of the Register are:

**a) International Criteria.** Native and archaeophyte vascular plant species that are currently internationally rare. These are species that are:

- endemic to Britain (a list is available in Cheffings & Farrell, 2005);
- of restricted distribution internationally. These are as listed/occurring in EC Habitats and Species Directive Annex IIb, IVb or Vb; or Appendix I of the Bern Convention or Appendix I or II of CITES;

**b) National Criteria.** Native and archaeophyte vascular plant species that are currently scarce or rare in Britain. These are species that are:

- listed in Schedule 8 of the Wildlife and Countryside Act 1981;
- listed as occurring in IUCN categories CR (critically endangered), EN (endangered), VU (vulnerable) and NT (near threatened) in the British Red Data Book for vascular plants (Cheffings & Farrell 2005);
- nationally rare, occurring in 15 or fewer 10 km squares in Britain;
- nationally scarce, occurring in between 16 and 100 10 km squares in Britain.

**c) Local Criteria.** Native and archaeophyte vascular plant species that are:

- rare, present in 3 sites or fewer in the vice-county and do not fall into the above categories. In this context a ‘site’ is a discrete area within a moveable kilometre square. Some judgement has been exercised over older doubtful records;

- scarce, present in 4 -10 sites in the vice-county and do not fall into the above categories. In this category considerable judgement has been exercised to allow for the historical nature and geographical imprecision of many records. The upper limit has not been strictly adhered to, particularly where there are very few recent records;
- extinct in the vice-county.

Native has been taken here to mean “native in the UK” not necessarily in VC 104. Archaeophytes are alien species known or suspected to have been introduced before AD 1500, whereas neophytes are more recent introductions (Preston et al. 2002).

## Exclusions

Records which appear or are known to refer to planted specimens have been excluded.

Hybrids have mostly been omitted as their distribution is inadequately known in the vice-county at present. The two *Equisetum* hybrids that have been included fulfil the following criteria as used by the JNCC for inclusion in the Red List (Cheffings & Farrell 2005).

- a) The hybrid must be between native parents (or parents that were once native to Britain)
- b) The hybrid is not a short-lived annual
- c) The hybrid is not a single occurrence of a long-lived individual
- d) The hybrid reproduces vegetatively, producing long-lived colonies
- e) The hybrid is not regularly present as part of a hybrid swarm between similar parents.

Most microspecies of *Hieracium*, *Taraxacum* and *Rubus* are also omitted for the same reason, but exception has been made for two endemic species of *Hieracium*.

Appendix A lists records of species that would otherwise be included but which appear to have been recorded in error or as planted specimens or garden escapes in the vice-county.

## Confidentiality

Restriction of access to rare plant records is an issue that has caused much debate over the years. If detailed locations are given, plants may be at risk from collectors or even from those who simply wish to photograph them but may damage plants by trampling. On the other hand, many more are at risk from neglect of habitat or potential development and if their locations are unknown their conservation becomes more difficult if not impossible. In general the policy in this Register is to give the fullest information. In two cases (*Arabis alpina* and the sporophyte of *Trichomanes speciosum*) detailed locations have not been given. Full resolution information is available from the author to those who have a genuine need for it.

All users of this Register are requested to respect the information provided, and to note that rare and scarce plants may grow on private property. Many are also found on SSSIs and other areas of conservation where visitor pressure can be an issue. National and local conservation organisations are usually only too pleased to show visitors plants of interest if contacted in advance.

## The Records

Records held by the BSBI at 31<sup>st</sup> December 2012 have been included. Where the scientific name of a species has changed recently, the previous name is also given as an aid to searching this document.

For each species, the latest records are provided for each site, although earlier records are often at low resolution making this difficult to guarantee. Additional records at the 10 km scale have been relegated to footnotes except where this would make it appear that there is no record for a major island.

The vice-county is blessed with many islands and as luck would have it even some of the smaller ones are dissected by the boundaries of hectads (10 km squares) of the National Grid, the fundamental biological recording unit in the UK. For example, Muck and Scalpay are each split between four hectads. Unfortunately, some old records for islands where no grid reference was given have been assigned to an arbitrary hectad in the BSBI database. Conversely, some hectads are shared between islands such as NM48 between Eigg and Muck, so that when a record is given with no geographical details other than the hectad, it is not possible to know to which island it relates. It appears in some cases that e.g. a record for “Eigg NM48” has been repeated in the database as “VC 104 NM48” which leads to a record in this document of “Eigg/Muck NM48” thus creating an entirely false suggestion of a possible record for Muck. Many of the most obvious examples of this have been removed.

Records within tables are sorted by hectad (10 km square), then by grid reference, then by recorder. This has the slightly odd effect that records from Canna and northern Rum appear near the top whilst those for southern Rum, Eigg and Muck appear at the bottom.

Where additional hectad records are listed, those for which there is good reason to suspect error are in **red** and those for which there is useful additional geographical information, i.e. place names, are in **bold**. Thus:

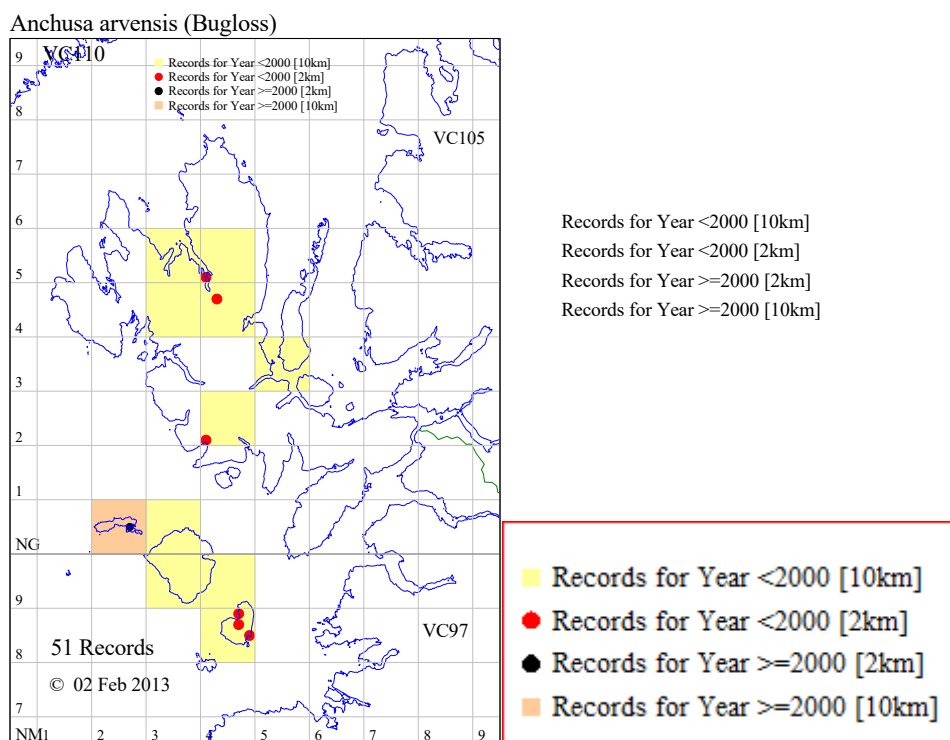
“Also recorded from Muck NM38, Skye **NG42**, 46, **47**.”

Many of the remainder are anonymous and undated and often relate to the hectad designations mentioned above.

Recently, most rare and scarce species have been recorded at 10 m resolution. Site names are given to assist in providing an overall picture. Recorder names are provided where known. Full information on the locations of all species and sources is available from the author.

Where there are too many records to make a readily comprehensible table, a distribution map is given instead. On these maps, dots indicate records at the tetrad (2 km square) scale or better, black for records from 2000 onwards and **red** for records pre-2000.

Distribution maps for all species in this document are available at <http://bit.ly/Raasay>. These also show all 10 km square records where no better localised record is known. Thus:



## Updating

This Register provides a snapshot of available records up to 31<sup>st</sup> December 2012. To become an effective conservation tool the Rare Plant Register will need to be kept up to date. Future editions will update the records and in an ideal world will allow searching by area/site as well as by species.

## Taxa by Category

There are 217 taxa detailed in the main section, which may be classified as follows:

Nationally Rare	10
Nationally Scarce	49
Not Listed (Hybrids)	2
Others	156

### Nationally Rare

*Arabis alpina*  
*Arenaria norvegica* subsp. *norvegica*  
*Cystopteris diaphana*  
*Eriocaulon aquaticum*  
*Euphrasia heslop-harrisonii*

*Euphrasia marshallii*  
*Koenigia islandica*  
*Trichomanes speciosum*  
*Trichophorum cespitosum*  
*Woodsia alpina*

### Nationally Scarce

*Ajuga pyramidalis*  
*Alchemilla glomerulans*  
*Alchemilla wichurae*  
*Arabidopsis petraea*  
*Arctostaphylos alpinus*  
*Asplenium septentrionale*  
*Atriplex praecox*  
*Carex rupestris*  
*Carex saxatilis*  
*Cephalanthera longifolia*  
*Cerastium nigrescens*  
*Dactylorhiza traunsteinerioides*  
*Deschampsia cespitosa* subsp. *alpina*  
*Deschampsia setacea*  
*Draba norvegica*  
*Dryas octopetala*  
*Epipactis atrorubens*  
*Equisetum pratense*  
*Equisetum variegatum*  
*Euphrasia foulaensis*  
*Euphrasia ostensfeldii*  
*Juncus biglumis*  
*Lycopodiella inundata*  
*Lycopodium annotinum*  
*Mertensia maritima*

*Minuartia sedoides*  
*Noccaea caerulescens*  
*Ophioglossum azoricum*  
*Orobanche alba*  
*Pedicularis sylvatica* subsp. *hibernica*  
*Pilularia globulifera*  
*Poa alpina*  
*Poa glauca*  
*Potamogeton coloratus*  
*Potamogeton filiformis*  
*Potentilla crantzii*  
*Pyrola media*  
*Pyrola rotundifolia* subsp. *rotundifolia*  
*Ranunculus flammula* subsp. *scoticus*  
*Rhynchospora fusca*  
*Ribes spicatum*  
*Ruppia cirrhosa*  
*Sagina saginoides*  
*Salix caprea* subsp. *sphacelata*  
*Salix myrsinites*  
*Saxifraga nivalis*  
*Sibbaldia procumbens*  
*Sorbus rupicola*  
*Vicia orobus*

The full list of taxa is given in Appendix B along with older synonyms where appropriate.

## The Species List

### **Agrimonia eupatoria** L.

Agrimony

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

A perennial herb of basic and neutral soils, occurring in hedge banks, on woodland margins and rides, in field-borders and open grassland, on roadsides and railway banks, and sometimes in waste places. Nationally, this species appears to be declining slightly. Eurosiberian Southern-temperate element; widely naturalised outside its native range. Skye plants need to be checked carefully as the similar *A. procera* is also present.

Site	Hectad	Grid Ref	Date	Recorder
Carnach Mor	NG25	NG2359	30/05/2003	Bungard, S.J.
Cuil, Uig	NG36	NG3862	08/08/1993	Bevan, J., Murray, C.W.
Scorrybreac	NG44	NG44W	10/10/1974	Philp, B.
Torvaig	NG44	NG44X	10/10/1974	Murray, C.W.
Camas Malag to Allt nan Leac	NG51	NG51Z	26/08/1972	Murray, C.W.
Drinan shore	NG51	NG5414	01/09/1983	Birks, H.J.B., Murray, C.W.
Port a'Bhata, above	NG54	NG5044	10/10/1974	Murray, C.W.
Beal Point	NG54	NG54C	31/07/1980	Murray, C.W.
Bearraraig to Rubha Sughar	NG55	NG5153	17/06/1976	Murray, C.W.
Bearraraig Bay	NG55	NG55B	08/06/2011	Bungard, S.J., Walls, K., Parker, K.
Island of Eigg	NM48	NM48	Jul 1972	Murray, C.W.

**Islands:** Eigg, Skye.

Also recorded from Skye NG24, 31, 33, **41, 45, 53, 56, 61, 62.**

Recorded in the vice-county since 1884.

### **Agrostis gigantea** Roth.

Black Bent

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

An archaeophyte, *A. gigantea* has a Eurasian Southern-temperate distribution, but it is naturalised in N. America so its distribution is now Circumpolar Southern-temperate. A perennial herb, behaving as a rampant weed in cornfields and neglected arable land, particularly on lighter soils, where it spreads by seed and by rhizomes. In wetter habitats, where it is much rarer, it can persist in taller, closed vegetation by rhizomatous growth. It is almost certainly under-recorded. In VC 104 it appears on roadsides and in similar habitats.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1961	Schools Expedition
Scorrybreac, path to, Skye	NG44	NG4843	26/10/1979	Murray, C.W.
Prabost, Skye	NG45	NG4150	Sept 1979	Murray, C.W.
Kilmore, Skye	NG60	NG65810717	01/07/2009	Bungard, S.J.
Tokavaig, SE of, Skye	NG61	NG6210	1995	Gregory, M.
Heaste area, Skye	NG61	NG6416	1995	Gregory, M.
Dunringell Hotel, nr, Kyleakin, Skye	NG72	NG743264	14/09/1978	Webster, M.McC.

**Islands:** Canna, Skye.

Also recorded from Skye NG71.

Recorded in the vice-county since 1938.

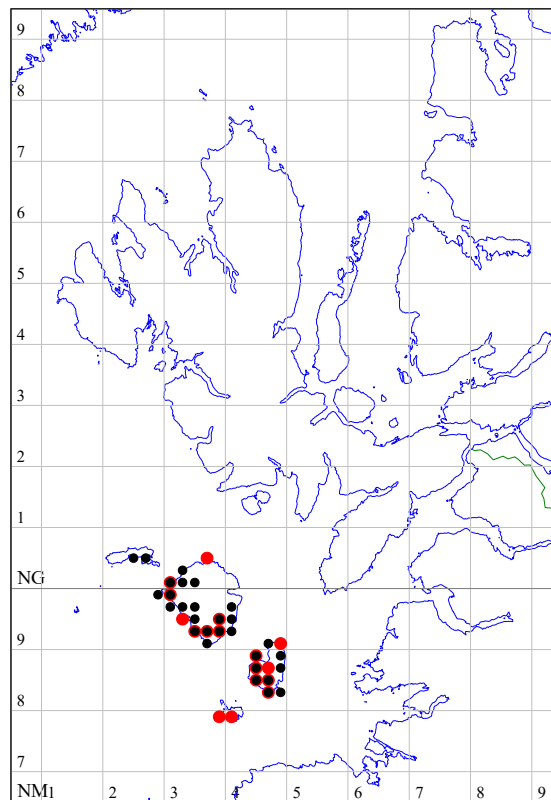
**Ajuga pyramidalis** L.

Pyramidal Bugle

National Status: Scarce, Vulnerable.

North Ebumes Status: Not Scarce.

A native perennial herb of free-draining slopes, rock crevices and shallow peat in open heathland and grassland overlying moderately acidic, or occasionally neutral or basic, soils. This species has been found in many new sites in the last half century but conversely some sites have apparently been lost through more intensive grazing. European Boreal-montane element. Restricted in VC 104 to The Small Isles.



Records for Year <2000 [2km]

Records for Year >=2000 [2km]

**Islands:** Canna, Eigg, Muck, Rum.  
Also recorded from Muck NM38 and Skye **NG42**.  
Recorded in the vice-county since at least 1938.

**Alchemilla glomerulans** Buser. Clustered Lady's-mantle

*National Status: Scarce, Vulnerable.*  
*North Ebudés Status: Rare.*

A native perennial found in acid grassy habitats, mainly in the Scottish mountains, Teesdale and Cumbria. Appears susceptible to anything more than light grazing. Nationally its distribution is not well known owing to a lack of modern records. Probably more widespread in VC 104 than records suggest.

Location	Hectad	Grid Ref	Date	Recorder
Bla Bheinn, Skye	NG52	NG52	Aug 1976	Kenneth, A.G.
Eigg	NM48	NM486853	10/06/2008	Cheffings, C., McIntosh, J., Moss, G. & Scott, R.

**Islands:** Eigg, Skye.  
Recorded in the vice-county since 1976.

**Alchemilla wichurae** (Buser.) Stefansson. Rock Lady's-mantle

*National Status: Scarce, Endangered.*  
*North Ebudés Status: Scarce.*

Native perennial growing in a variety of grassy and rocky habitats. Nationally its population appears to be stable but it may be recently under-recorded. In VC 104, restricted to the Trotternish Ridge.

Location	Hectad	Grid Ref	Date	Recorder
Beinn Mheadhonach	NG45	NG4750	1960?	Murray, C.W.
Upper Coire Scamadail	NG45	NG49425437	24/08/2004	Halcrow, V.
Trotternish Ridge, Skye	NG45	NG49435436	Aug 2009	Green, I.P., Macdonald, T.
Old Man of Storr, Skye	NG45	NG495536	1968-1999	Birks, H.J.B.
Coire Faoin, Skye	NG45	NG49715377	17/07/2012	Bungard, S.J., Peppé, W.D. & D.
Storr, Skye	NG45	NG49915425	09/07/2012	Bungard, S.J., Peppé, W.D. & D.
Needle, Storr, Skye	NG55	NG50045411	09/07/2012	Bungard, S.J., Peppé, W.D. & D.

**Islands:** Skye only.  
Also recorded from Skye **NG24**.  
Recorded in the vice-county since 1953.



**Allium vineale** L.

Wild Onion

*National Status: Not Scarce, Least Concern.**North Ebumes Status: Rare.*

A bulbous native perennial herb of dry, neutral or calcareous soils, generally occurring in summer-dry grasslands, hedgerows, roadsides and cultivated ground, and formerly a serious weed of cereal crops. European Temperate element; widely naturalised outside its native range. In VC 104, known from a single site on Raasay. This is the plant's northernmost site on the west coast of Scotland where, as in its nearest site at the head of Loch Kishorn, it is found on rock ledges.

Location	Hectad	Grid Ref	Date	Recorder
Arnish, E of, Raasay	NG54	NG59984755	31/08/2006	Bungard, S.J.

**Islands:** Raasay only.

Recorded in the vice-county since 1991, at this site.

**Ammophila arenaria** (L.) Link

Marram

*National Status: Not Scarce, Least Concern.**North Ebumes Status: Scarce.*

A native rhizomatous perennial herb of coastal sand dunes. *A. arenaria* is an important species in the stabilisation of mobile dunes and blow-outs, and is widely planted as a sand binder. Inland, it is a rare casual, though several attempts have been made in recent years to establish it on inland golf courses. Lowland. European Southern-temperate element; widely naturalised outside its native range. In VC 104, restricted by rarity of suitable habitat.

Location	Hectad	Grid Ref	Date	Recorder
Sanday, Canna	NG20	NG26650481	12/06/2009	Bungard, S.J.
Kilmory, W of, Rum	NG30	NG30M	27/06/2003	Pearman, D.A., Scott, R.
Kilmory, Rum	NG30	NG30R	23/08/2004	Bungard, S.J., Farrell, L.
Kilmory & Samhnan Insir, Rum	NG30	NG30S	27/08/2004	Bungard, S.J., Rothero, G.P.
Glenbrittle, Skye	NG42	NG42A	08/09/2006	Bungard, S.J.
Laig Bay, Eigg	NM48	NM4788	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L., McIntosh, J., Moss, G., Scott, R.
Poll nam Partan, Eigg	NM48	NM48X	1938	Heslop Harrison, J.W. et al.

**Islands:** Canna, Eigg, Rum, Skye.Also recorded from Eigg or Rum NM49, Muck (no grid ref) and Skye **NG37, 47**.

Recorded in the vice-county since at least 1938.

**Anagallis arvensis subsp. arvensis** L.

Scarlet Pimpernel

*National Status: Not Scarce, Least Concern.**Scottish Biodiversity List of species of principal importance for biodiversity conservation.**North Ebudes Status: Rare, Extinct?*

There have been losses in the north of its range, but it is difficult to say when they occurred. The native subsp. *arvensis* occurs throughout the range of the species. Eurosiberian Southern-temperate element, but widely naturalised so that distribution is now Circumpolar Southern-temperate. In VC 104 this plant has become rare with decline of arable agriculture and may be extinct.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1950-1969	Anon.
Prabost, Skye	NG45	NG4150	1998	Murray, C.W.
Clachan, Raasay	NG53	NG53	1936	Heslop Harrison, J.W. et al.
Scalpay	NG62	NG62	1950-1969	Anon.
Muck	NM47	NM47	18/07/1973	Roger, J.G., Brownlie, J.C., Prain, A.
Eigg	NM48	NM48	1959	Ferrier, E.F.

**Islands:** Canna, Eigg, Muck, Raasay, Scalpay, Skye.

Also recorded from Muck NM38, Skye NG36, 51.

Recorded in the vice-county since at least 1936.

Subspecies *arvensis* has been assumed where not stated in the original record.**Anchusa arvensis** (L.) M. Bieb

Bugloss

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Scarce.*

This archaeophyte annual weed is mostly found nationally on well-drained soils in arable fields, but it also occurs near the sea on sandy heaths, in disturbed dunes and on waste ground. The main cause of loss nationally has been agricultural intensification, including the increased use of herbicides. Eurosiberian Temperate distribution; it is widely naturalised outside this range. In VC 104 this plant has become rare with decline of arable agriculture. The only recent record is from sandy soil near the sea.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG27810542	13/06/2009	Bungard, S.J.
Rum	NG30	NG30	1951	Heslop Harrison, J.W. et al.
Glenbrittle, Skye	NG42	NG4020	05/08/1966	Murray, C.W.
Uigshader, Skye	NG44	NG4246	18/07/1974	Murray, C.W.
Skerinish, Skye	NG45	NG45A	08/10/1968	Murray, C.W.
Laig Bay, Eigg	NM48	NM4687	17/07/1972	Brownlie, J.C. et al.
Laig, Eigg	NM48	NM4788	23/06/1996	Bevan, J., Braithwaite, P.F., Murray, C.W.
Na Gurrabain, Eigg	NM48	NM4884	July 1973	Murray, C.W.

**Islands:** Canna, Eigg, Rum, Skye.

Also recorded from Rum NG30, NM39, Eigg or Rum NM49, Skye NG34, 35, Raasay/Skye **NG53**.

Recorded in the vice-county since at least 1868.

**Andromeda polifolia** L.

Bog-rosemary

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Rare.*

A native straggling dwarf shrub of moist to wet acidic peaty ground, most abundant in lowland raised bogs but with scattered occurrences on upland peats. Fruits seldom develop. Nationally its habitat has declined greatly in the last fifty years through drainage, peat extraction and afforestation. Circumpolar Boreal-montane element. Recorded twice in VC 104 from Glen Sligachan, Skye. However, the grid reference given for the more recent record is not actually in Glen Sligachan (though not far from Sligachan).

Location	Hectad	Grid Ref	Date	Recorder
"Glen Sligachan, Skye"	NG43	NG471325	10/10/1993	Immirzi, P.
Glen Sligachan, Skye	NG42	NG42	1931	Osvold, H., et al.

**Islands:** Skye only.

Recorded in the vice-county since 1931.

**Apium inundatum** (L.) Reichenb. fil.

Lesser Marshwort

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Rare, Extinct?*

Native perennial herb, favouring shallow water sites, both still and slow moving, together with those which periodically dry out such as the edges of pools and dune slacks. Although widely distributed over the UK, it appears to be in substantial decline as a result of drainage and the eutrophication of its habitats. In VC 104 it appears to have gone from the only localised site, on Canna.

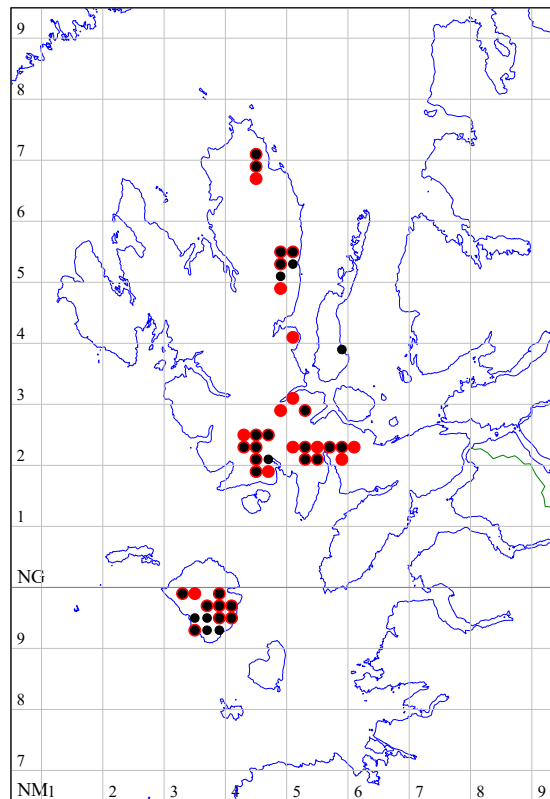
Location	Hectad	Grid Ref	Date	Recorder
An t-Oban, Sanday	NG20	NG2804	06/08/1984	Birks, H.J.B., Murray, C.W.
Skye	NG45	NG45	1962	Anon.
Skye	NG61	NG61	1950-1999	Anon.

**Islands:** Canna, Skye.

Recorded in the vice-county since 1962.

**Arabidopsis petraea** (L.) D.I. Dorof. (**Arabis petraea**) Northern Rock-cress*National Status: Scarce, Vulnerable.**North Ebrudes Status: Not Scarce.*

A native perennial herb of very open sites on acidic and basic rocks and rock ledges, on montane cliff faces and screes and on sea-cliffs. Being a colonist of open habitats, populations can be transient at particular sites. It is difficult to assess trends in the national frequency of this species, as it may be under-recorded. Eurasian Arctic-montane element. Widespread on the Rum and Skye hills. A Raasay site described somewhat vaguely in the 1930s rediscovered 2004.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Raasay, Rum, Skye.Also recorded from Rum **NG30**, Skye **NG43, 56**.

Recorded in the vice-county since at least 1861.

**Arabis alpina** L.

Alpine Rock-cress

*National Status: Rare, Endangered.**North Ebrudes Status: Rare.*

A native perennial, mat-forming herb of shaded ledges on basic cliffs. *A. alpina* was discovered in Britain in 1887. Nationally the population has generally remained stable. Eurosiberian Arctic-montane element; also in N. America. Known at several locations high in the Cuillins in **NG42**. These are the only native sites in the British Isles.

**Islands:** Skye only. Recorded in the vice-county since 1887.

**Arctostaphylos alpinus**

Arctic Bearberry

*National Status: Scarce, Least Concern.**North Ebumes Status: Rare.*

Native. A strictly calcifugous shrub growing on acidic mineral soils or peat. It occurs on exposed upland heath and also on drier blanket bog. It is possibly long-lived, and fruiting is often sparse. The national distribution of *A. alpina* has remained essentially unchanged over recent decades. Circumpolar Arctic-montane element. Recorded from 'Beinn na Greine' by Lightfoot, 1772. Re-found on Beinn Bhuidhe (same area) by C. W. Murray in 1990.

Location	Hectad	Grid Ref	Date	Recorder
Beinn Bhuidhe plateau, Skye	NG72	NG77502180	23/07/2009	Bungard, S.J.

**Islands:** Skye only.

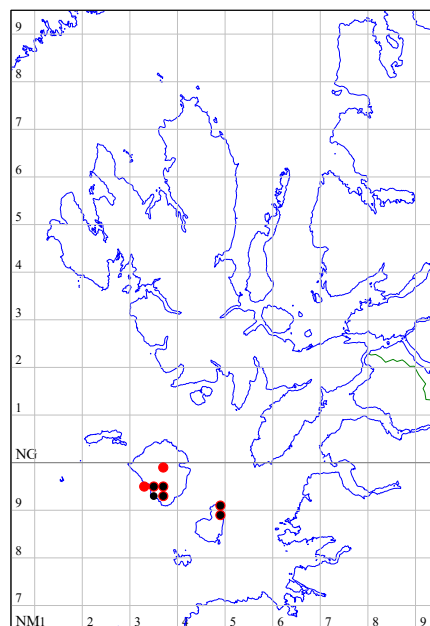
Recorded in the vice-county since 1772.

**Arenaria norvegica subsp. norvegica** Gunnerus

Arctic Sandwort

*National Status: Rare, Vulnerable.**Scottish Biodiversity List of species of principal importance for biodiversity conservation.**North Ebumes Status: Scarce.*

This native annual, biennial or perennial herb grows on base-rich substrates over limestone, serpentine and other basic rocks, occurring on rocky knolls, screes, river gravels, fell-field, and occasionally on exposed summit ridges. Nationally it appears to be increasing although this is probably due to better recording rather than a real spread. European Arctic-montane element; it reaches its southern limit in the UK. Limited populations in the Beinn Bhuidhe area on Eigg. Widespread at altitude in southern Rum.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Eigg, Rum.

Recorded in the vice-county since at least 1843.

**Arenaria serpyllifolia subsp. serpyllifolia** L. Thyme-leaved Sandwort

*National Status: Not Scarce, Least Concern.*

*North Ebudus Status: Scarce.*

A native winter- or rarely summer-annual of dry, open sites, such as disturbed ground sand dunes and other sandy and gravelly places, roadsides, quarries, rock ledges, walls, spoil-tips and waste ground. Nationally its distribution appears stable Eurosiberian Southern-temperate element.

Location	Hectad	Grid Ref	Date	Recorder
Sanday, Canna	NG20	NG26640484	12/06/2009	Bungard, S.J.
Kilmory, Rum	NG30	NG30R	23/08/2004	Bungard, S.J., Farrell, L.
Samhnan Insir, Rum	NG30	NG37670448	27/08/2004	Bungard, S.J., Rothero, G.P.
Fiskavaig, Skye	NG33	NG32303427	13/09/2006	Bungard, S.J.
Ord, Skye	NG61	NG6113	26/06/1989	Murray, C.W.
Kyleakin, Skye	NG72	NG7226	07/07/1978	Webster, M.McC.
Oigh-Sgeir	NM19	NM19	1938	Heslop Harrison, J.W. et al.
Muck	NM47	NM47	1938	Heslop Harrison, J.W. et al.
Eigg	NM48	NM48U	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L., McIntosh, J., Moss, G., Scott R.
Eigg	NM48	NM48X	15/06/2009	Bungard, S.J.

**Islands:** Canna, Eigg, Muck, Rum, Skye.

Also recorded from Eigg or Rum NM49, **Rona NG65**, Skye NG24, 54.

Recorded in the vice-county since at least 1938.

Subspecies *serpyllifolia* has been assumed where not stated in the original record.

**Artemisia vulgaris** L. Mugwort

*National Status: Not Scarce, Least Concern.*

*North Ebudus Status: Scarce.*

A tall aromatic archaeophyte perennial herb of waste places, tips, rough ground, roadside verges and waysides, usually on relatively fertile soils. The seeds, lacking a pappus, are often distributed by human activities. Nationally the distribution of this species appears to be stable. Eurosiberian Temperate distribution; it is widely naturalised outside this range. Appears to have declined in VC 104 given the few recent records and the number of older hectad records that have not been re-found.

Location	Hectad	Grid Ref	Date	Recorder
Fasach, Glendale, Skye	NG14	NG14Z	16/09/1967	Murray, C.W.
Sanday, Canna	NG20	NG20	Aug 1984	Birks, H.J.B., Murray, C.W.
Stein, Skye	NG25	NG26325637	12/07/2011	Bungard, S.J., Walmisley, J.& J.
Clachamish, Skye	NG35	NG35W	10/05/1986	Murray, C.W.
Uig Pier, Skye	NG36	NG385636	07/07/2004	Farmer, C.

Glen Brittle Beach, Skye	NG42	NG42A	09/09/2005	Farmer, C.
Gilean, Skye	NG50	NG50Z	14/06/2006	Bungard, S.J.
Aird of Sleat to Ard Thurinish	NG50	NG5900	19/08/1977	Murray, C.W.
Balachuirn, Raasay	NG54	NG5540	1936	Heslop Harrison, J.W. et al.
Broadford, Skye	NG62	NG62L	06/07/2006	Farmer, C.
Kyleakin, Skye	NG72	NG75562633	03/09/2006	Bungard, S.J.
Eigg	NM48	NM48	July 1972	Murray, C.W.

**Islands:** Canna, Eigg, Raasay, Skye.

Also recorded from Skye NG24, 37, 44, 45, 46, 47, 51, 52, 53, 60.

Recorded in the vice-county since at least 1936.

**Asplenium ceterach** L. (*Ceterach officinarum*)

Rustyback

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Rare.*

A native perennial, calcicole fern found on crags and cliffs of basic rocks, especially limestone, and also on limestone pavements and mortared walls. Historically this species has benefited from the built environment. Submediterranean-Subatlantic element; also in C. Asia. In VC 104, known only from the wall of a ruined building on Eigg and the “ballast” of old railway track, Suardal, Skye.

Location	Hectad	Grid Ref	Date	Recorder
Suardal, Skye	NG62	NG6120	21/07/1992	Murray, C.W.
Suardal, Skye	NG62	NG62092016	23/08/2011	Bungard, S.J.
Howlin, Eigg	NM48	NM47848964	12/06/2008	McIntosh, J.

**Islands:** Eigg, Skye.

Recorded in the vice-county since at least 1949 (Eigg).

The record for NG6120 may be an error for NG6220, the same as the second record shown.

**Asplenium septentrionale** (L.) Hoffm.

Forked Spleenwort

*National Status: Scarce, Near Threatened.*

*North Ebudes Status: Rare.*

Long-lived evergreen fern. Nationally found to favour acidic rocks and heavy-metal-contaminated spoil. Also found on unmortared stone walls. Its UK distribution is generally western, and it appears to have lost sites through reclamation of mining spoil and the growth of scrub. Recorded from both limestone and peridotite rock crevices on Rum. Raasay record from 1930s never re-found. Informally reported as seen on Skye, but never confirmed.

Location	Hectad	Grid Ref	Date	Recorder
Loch Sgaorishal, Rum	NG30	NG35160214	20/06/2008	Rothero, G.P.
Hallaig, Raasay	NG53	NG53	1936	Heslop Harrison, J.W., et al.
Gualainn na Pairce, Rum	NM39	NM33189641	22/06/2003	Rothero, G.P.
Glen Harris, Rum	NM39	NM35519636	28/05/2003	Rothero, G.P.
Papadil, Rum	NM39	NM3692	May 1964	Anon.
Papadil, nr, Rum	NM39	NM374924	1965	Ferreira, R.E.C.
Sgurr nan Gillean, SW of, Rum	NM39	NM375924	1983	Page, C.N.
Askival, Rum	NM49	NM402948	1983	Page, C.N.

**Islands:** Raasay, Rum, Skye.

Perhaps extinct in the vice-county apart from on Rum.

Recorded in the vice-county since at least 1936.

### **Atriplex laciniata**

Frosted Orache

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

A native decumbent, widely spreading annual of sand and shingle beaches, more rarely found on saltmarsh-sand dune transitions and saltmarsh drift-lines. Populations are usually small and often of sporadic appearance. Nationally the distribution of the species seems stable. Oceanic Temperate element; also in N. America. In VC 104, restricted by rarity of suitable habitat.

Location	Hectad	Grid Ref	Date	Recorder
Kilmory, Rum	NG30	NG30S	1992	Bevan, J., Braithwaite, P.F., Murray, C.W.
Loch Brittle, Skye	NG42	NG42A	08/09/2006	Bungard, S.J.
Laig Bay, Eigg	NM48	NM48U	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L., McIntosh, J., Moss, G., Scott R.
Poll nam Partan, Eigg	NM48	NM48X	18/05/2009	Bungard, S.J.
Kinloch, Rum	NM49	NM4099	1997	Scoggins, S.M.

**Islands:** Eigg, Rum, Skye.

Recorded in the vice-county since 1902.

### **Atriplex patula** L.

Common Orache

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

An annual of cultivated ground, manure heaps, roadsides, rubbish tips and waste places in towns and cities; also on fertile soils in a wide range of disturbed semi-natural habitats, such as river banks, pond margins and sea-bird cliffs. *A. patula* is frequent in coastal waste places but rare in littoral zone habitats such as saltmarshes and sand and shingle drift-lines. The overall distribution of this species appears stable. Eurosiberian Wide-temperate element; widely naturalised outside its native range. Many older VC 104 coastal records may be errors for other *Atriplex* species.



Site	Hectad	Grid Ref	Date	Recorder
Sanday	NG20	NG20	Aug 1984	Birks, H.J.B., Murray, C.W.
Lyndale House, Skye	NG35	NG3654	01/09/1978	Murray, C.W.
Uig, Skye	NG36	NG386636	1969-1999	Birks, H.J.B.
Soay	NG41	NG41	1961-1999	Sinker, C.A.
Uigshader, Skye	NG44	NG4246	18/07/1974	Murray, C.W.
Ringill, Skye	NG51	NG51N	11/09/2010	Porter, M.
Clachan, Raasay	NG53	NG54893639	18/10/2012	Bungard, S.J.
Broadford, Skye	NG62	NG6523	30/06/1978	Webster, M.McC.
Rona	NG65	NG65	1933	Smith, E. P.
Muck	NM38	NM38	1970-1986	Anon.
Na Gurrabain, beach S of, Eigg	NM48	NM485843	25/08/1999	Bevan, J., Braithwaite, P.F., Murray, C.W.
Eigg	NM49	NM49	1987-1999	Anon.

**Islands:** Canna, Eigg, Muck, Raasay, Scalpay, Skye, Soay.

Also recorded from Eigg NM49, Raasay/Skye NG54, Scalpay (No Grid Ref), Skye NG14, 37, 46, 47, 61, 63, 72.

Recorded in the vice-county since 1841.

**Atriplex praecox** Hülphers.

Early Orache

*National Status: Scarce, Least Concern.*

*North Ebuades Status: Scarce.*

Native annual. Restricted to sand and shingle and, on the west coast of Scotland, where it has its UK headquarters also around the shores of sea lochs and bays. Its first UK record was in 1975 and it is almost certainly under-recorded nationally.

Populations in VC 104 are small and being at the high water mark, tend to be temporary.

Location	Hectad	Grid Ref	Date	Recorder
Loch Bay, Skye	NG25	NG2654	05/08/1991	Clark, J.W.
Kilmory, Rum	NG30	NG356041	27/06/2003	Pearman, D.A., Scott, R.
Loch Eynort, Skye	NG32	NG3726	28/07/1994	Bevan, J., Braithwaite, P.F., Murray, C.W.
Loch Caroy, Skye	NG34	NG304437	12/08/1978	Murray, C.W.
Uig Pier, N of, Skye	NG36	NG387637	02/09/1978	Murray, C.W.
Skerinish Point, Skye	NG45	NG4152	24/08/1997	Murray, C.W.
Loch Slapin, Skye	NG52	NG5622	04/07/1978	Webster, M.McC.
Loch Slapin, Skye	NG52	NG57212112	19/09/2002	Halcrow, V.M.
Camas a'Mhoir- bheoil, Skye	NG53	NG532352	25/08/1978	Murray, C.W.
Ord, SW of, Skye	NG61	NG6113	29/08/1979	Murray, C.W.
Eilean Tigh, Raasay	NG65	NG609533	20/08/1990	Bungard, S.J.
Acairseid Thioram,	NG65	NG6258	24/08/1994	Bungard, S.J., Murray, C.W.

Rona				
Rona	NG66	NG6260	13/06/1999	Bungard, S.J.
Loch na Dal, Skye	NG71	NG702158	15/09/1978	Webster, M.McC.
Eilean Aird nan Uan, Muck	NM48	NM48A	19/07/2011	Usher, M.

**Islands:** Eigg?, Muck, Raasay, Rona, Rum, Skye.  
Also recorded from Eigg/Muck NM48, Skye NG24.  
Recorded in the vice-county since 1978.

**Baldellia ranunculoides** (L.) Parl.

Lesser Water-plantain

*National Status: Not Scarce, Near Threatened.*  
*North Ebudes Status: Scarce.*

Perennial typically of strongly calcareous or brackish waters, requiring sites at the water's edge where competition is restricted by fluctuating levels or other disturbance. Has declined in England over many years, probably due to the decrease in small water bodies combined with greater competition. Restricted to half a dozen lochs in southern Skye.

Location	Hectad	Grid Ref	Date	Recorder
Lochan Coir' a' Ghobhainn, W of	NG41	NG41601830	02/07/2011	Bungard, S.J.
Lochan Coir' a' Ghobhainn	NG41	NG41781822	02/07/2011	Bungard, S.J.
Loch Meachdannach	NG41	NG438179	20/07/1989	Steele, K.
Loch a' Ghlinne, S shore	NG50	NG59450521	22/07/2011	Bungard, S.J.
Loch a' Ghlinne, N shore	NG50	NG59520557	22/07/2011	Bungard, S.J.
Loch a' Ghlinne, Skye	NG60	NG60130538	22/07/2011	Bungard, S.J.
Loch Cill Chrìosd, Skye	NG62	NG62A	02/07/2007	Bungard, S.J. & Bradford Botany Group
Loch Airidh na Saorach	NG62	NG683202	15/07/2005	Phillips, J.

**Islands:** Skye only.  
Also recorded from Skye NG61.  
Recorded in the vice-county since at least 1963.

**Berula erecta** (Huds.) Coville

Lesser Water-parsnip

*National Status: Not Scarce, Least Concern.*  
*North Ebudes Status: Scarce.*

This native stoloniferous perennial occurs as a submerged aquatic in rivers and streams, and as an emergent species at the edges of lakes, ponds, rivers, ditches and canals, and in marshes. It is also found on seasonally-flooded wet ground, and usually roots into fine silt or mud. Vegetative spread is by short-lived stolons or rhizomes, but little is known of the frequency of reproduction by seed. Nationally the species may be declining, probably caused by drainage and habitat destruction. European Temperate element; also in C. Asia and N. America. Only known in VC 104 from the

northern part of the Trotternish peninsula.

Location	Hectad	Grid Ref	Date	Recorder
Kilvaxter, W of, Skye	NG36	NG37716985	06/07/2006	Bungard, S.J.
Osmigarry, Skye	NG37	NG39867245	12/06/2010	Bungard, S.J.
Osmigarry, Skye	NG37	NG39927239	12/06/2010	Bungard, S.J.
Sartle, W of, Skye	NG46	NG453679	25/01/1980	Murray, C.W.
Brogaig River estuary, Skye	NG46	NG47636844	08/07/2009	Bungard, S.J.
Osmigarry, nr, Skye	NG47	NG40017237	12/06/2010	Bungard, S.J.

**Islands:** Skye only.

Recorded in the vice-county since at least 1945.

**Beta vulgaris subsp. maritima** (L.) Archangeli.

Sea Beet

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Rare.*

Native perennial herb found in many coastal habitats from the strand line to cliffs. It seems to favour sites which are rich in nutrients (for example cliff ledges where guano has been deposited). Rarely found inland. Nationally it is common round the coast as far north as Ayrshire in the west and Yorkshire in the east, with outlying stations further north. Only three sites known in VC 104, one of which no longer has any plants and one of which has a single plant.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG26990515	15/06/2009	Bungard, S.J.
Glenbrittle beach, Skye	NG42	NG42A	30/08/1972	Murray, C.W., Birks, H.J.B.
Muck	NM47	NM41847841	11/08/2009	Bungard, S.J.

**Islands:** Canna (23 plants), Muck (1 plant), Skye (2-3 plants, now gone).

Recorded in the vice-county since 1972.

**Betonica officinalis** L.

Betony

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Rare.*

A native perennial herb of hedge banks, grassland, heaths, open woods and woodland rides and margins. It favours mildly acidic soils, but is also found on those that are neutral or somewhat calcareous. The species has suffered local losses in England and Ireland as a result of the loss and improvement of permanent pastures, the ploughing of fields to the edge of woods with consequent loss of the marginal flora and the shading of woodland grassland following a decline in coppicing. European Temperate element; also in C. Asia. The only recent records in VC 104 are from the Portree area.

Location	Hectad	Grid Ref	Date	Recorder
Canna and Sanday	NG20	NG20	1953-1960	Anderson, E.
Portree, 'Project Glen'	NG44	NG4743	01/08/1972	Mackenzie, C.
Portree, 'the Lump'	NG44	NG44W	25/07/2007	Henriksen, M.
Portree, 'the Lump', W slope	NG44	NG483432	1989	Murray, C.W.
Portree Harbour, S side of	NG44	NG48894286	02/09/2008	Bungard, S.J.

**Islands:** Canna, Skye.

Also recorded from Skye NG 46, 47, 60, 61, 62.

Recorded in the vice-county since 1868.

### **Briza media** L.

Quaking-grass

*National Status: Not Scarce, Least Concern.*

*North EbuDES Status: Rare.*

A shortly rhizomatous native perennial grass, most frequently found in unimproved, species-rich, well-grazed grassland on infertile, calcareous soils and favouring well-drained slopes. However, it also occurs in old meadows and pastures on neutral and sometimes acidic soils, in the drier parts of fens, and occasionally in soligenous mires. Nationally ploughing and improvement of grasslands has led to a decline in frequency in many areas. European Temperate element. Very rare in VC 104. The site at the Mermaids on Raasay was lost during the building of the new harbour.

Location	Hectad	Grid Ref	Date	Recorder
Glen Conon, Skye	NG46	NG4063	18/07/1995	Murray, C.W., Cranna, L., Hutcheon, S.
Fearn's to Hallaig, Raasay	NG53	NG53	01/05/1987	Rose, F.
Mermaids, Raasay	NG53	NG5436	24/08/2007	Bungard, S.J.

**Islands:** Raasay, Skye.

Also recorded from Skye NG 26, 34, 36, 47.

Recorded in the vice-county since at least 1958.

### **Cakile maritima** Scop.

Sea Rocket

*National Status: Not Scarce, Least Concern.*

*North EbuDES Status: Scarce.*

A native perennial herb often forming extensive stands in lakeside marshes and in carr. Nationally its main centres of distribution are in Norfolk, and the area northwest of the Wash. Restricted to the few sandy shores in VC 104 and then usually in very small numbers.

Location	Hectad	Grid Ref	Date	Recorder
Sanday, Canna	NG20	NG265047	18/07/2012	Usher, M.B.
Greep, Skye	NG24	NG2742	1982	Brownlie, J.C., Prain, A.
Kilmory, Rum	NG30	NG36260385	20/06/2008	Pearman, D.A.
Glenbrittle Beach	NG42	NG42A	08/09/2006	Bungard, S.J.

Camus Ban, nr Portree	NG44	NG4942	23/07/1968	Murray, C.W.
Poll nam Partan, Eigg	NM48	NM48X	18/05/2009	Bungard, S.J.
Laig Bay, Eigg	NM48	NM46798797	09/06/2008	Bungard, S.J., Farrell L., McIntosh, J.
Loch Scresort, Rum	NM49	NM4099	1938	Heslop Harrison J. W. et al.

**Islands:** Canna, Eigg, Rum, Skye. Recorded in the vice-county since at least 1938.

### **Callitriche hermaphroditica** L.

Autumnal Water-starwort

*National Status: Not Scarce, Least Concern.*

*North Ebudus Status: Scarce.*

This species occurs in mesotrophic lakes, canals and gravel-pits. It is usually annual, although some populations may perennate. Circumpolar Boreal-montane element.

Site	Hectad	Grid Ref	Date	Recorder
Loch Mor, W side, Skye	NG14	NG142483	13/07/1989	Preston, C.D., Stewart, N.F.
Halistra Loch, Skye	NG26	NG2360	31/10/1976	Murray, C.W.
Loch a'Bhac-Ghlais, Skye	NG32	NG3427	11/10/1970	Murray, C.W.
Glendrynoch Lodge, Skye	NG43	NG4131	24/06/2004	Bungard, S.J.
Sligachan, N of, Skye	NG43	NG43V	27/09/2006	Bungard, S.J.
Loch Fada, Skye	NG44	NG493494	02/08/1989	Steele, K., Duigen, C.A.
Loch Cuithir, Skye	NG45	NG4759	08/10/1976	Murray, C.W.
Loch na Mna, Raasay	NG53	NG53	1936	Heslop Harrison, J.W. et al.
Home Loch, Raasay	NG53	NG5536	20/10/1977	Murray, C.W., Creighton, K.
Loch Leathan, Skye	NG55	NG55A	08/07/2004	Bungard, S.J.
Loch Meodal, Skye	NG61	NG6511	25/06/1988	Murray, C.W.

**Islands:** Raasay, Skye

Also recorded from Skye NG15, 35, 36, 46, 47, Skye/Soay **NG41**.

Recorded in the vice-county since at least 1936.

### **Callitriche platycarpa** Kütz.

Various-leaved Water-starwort

*National Status: Not Scarce, Least Concern.*

*North Ebudus Status: Rare.*

Native. The species is widely under-recorded, and it is possible that it is the most abundant species of *Callitriche* in lowland Britain. It may be spreading in Britain because of eutrophication, as appears to have happened in Sweden. European Temperate element. Very rare in VC 104; perhaps overlooked.

Location	Hectad	Grid Ref	Date	Recorder
Loch an Fhridhein, Skye	NG13	NG194397	19/07/1996	Rich, T.C.G., Smith, P.A.

**Islands:** Skye only.

Also recorded but not confirmed from Bealach Mor, Skye NG45 and Raasay **NG53**.

**Calystegia soldanella** (L.) R.Br.

Sea Bindweed

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Rare.*

Native perennial herb of sand dunes, and sand and shingle beaches. Common around the coast of England, Wales and southern Scotland but almost at its northern limit on Rum – except for some sites on Orkney.

Location	Hectad	Grid Ref	Date	Recorder
Kilmory Dunes, Rum	NG30	NG36240379	27/08/2004	Strachan, I.

**Islands:** Rum only.

Recorded in the vice-county since 1991 at the Kilmory site.

**Carex acutiformis** Ehrh.

Lesser Pond-sedge

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Rare.*

This native rhizomatous perennial herb grows in base-rich, mesotrophic and eutrophic water, often occurring in extensive stands. Its habitats include river banks, lakes and pond margins, marshy areas near streams, fen-meadows and tall-herb fen, and carr; it is notably shade-tolerant. It avoids sites subject to marked fluctuations in water level. Reproduction by seed is poor. Nationally, apart from some local declines, its distribution seems generally stable. Eurosiberian Temperate element. At its only known extant site in VC 104 there is a large colony in and beside a burn where it enters the sea and for some way upstream.

Location	Hectad	Grid Ref	Date	Recorder
Prince Charles's Point, S of, Skye	NG36	NG37656635	26/06/2006	Bungard, S.J.

**Islands:** Skye only.

There is also an undated anonymous record from Skye NG62 that has not been re-found.

**Carex aquatilis** Wahlenb.

Water Sedge

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Rare.*

A morphologically variable, native rhizomatous perennial. In the lowlands, robust plants grow on river banks and the margins of lakes, mires and reed-swamps. In its upland sites, it is a shorter plant and often grows on deep, wet, gently sloping peat. Nationally it may remain overlooked in some areas. Circumpolar Boreo-arctic Montane element; absent from mountains of C. Europe. In VC 104, this plant is only known along the River Snizort.

Location	Hectad	Grid Ref	Date	Recorder
River Snizort	NG44	NG42144274	09/05/2011	Bungard, S.J.
River Snizort	NG44	NG42124246	09/05/2011	Bungard, S.J.
River Snizort	NG44	NG42194283	09/05/2011	Bungard, S.J.
Skeabost Bridge	NG44	NG42014829	25/06/2007	Bungard, S.J.

**Islands:** Skye only.

Recorded in the vice-county since 1984 in the lower reaches of R. Snizort by H.H. & H.J.B. Birks and C.W. Murray.

Found farther upstream in 2011 in large numbers.

### **Carex arenaria** L.

Sand Sedge

*National Status: Not Scarce, Least Concern.*

*North Ebuades Status: Scarce.*

A rhizomatous perennial herb of sandy habitats, where it can be a dominant plant of fixed dunes, dune-slacks, sandy flats and on tracksides or other ruderal habitats. Though predominantly coastal, it can be locally common on dunes and heaths inland. It can be a rapid coloniser, spreading by far-creeping rhizomes. It is occasionally found as an alien on railway clinker. The overall distribution of this species appears stable. European Temperate element.

Site	Hectad	Grid Ref	Date	Recorder
Sanday	NG20	NG265047	18/07/2012	Usher, M.B.
Sanday	NG20	NG26640484	12/06/2009	Bungard, S.J.
Kilmory, Rum	NG30	NG30R	23/08/2004	Bungard, S.J., Farrell, L.
Kilmory, Rum	NG30	NG30S	2003	Pearman, D.A., Farrell, L., Jack, S.
Kilmory, W of, Rum	NG30	NG35770418	27/06/2003	Pearman, D.A., Scott, R.
Fiscavaig, Skye	NG33	NG3234	22/08/1977	Murray, C.W.
Soay	NG41	NG41	1961	Sinker, C.A.
Glenbrittle beach, Skye	NG42	NG42A	08/09/2006	Bungard, S.J.
Camasunary, Skye	NG51	NG5118	31/08/1974	Murray, C.W.
Oigh-Skeir	NM19	NM19	1938	Heslop Harrison, J.W. et al.
Inbhir Ghil, Rum	NM39	NM35859265	26/06/2003	Bungard, S.J., Walker, K.J.
Muck	NM48	NM40938023	11/08/2009	Bungard, S.J.
Laig, Eigg	NM48	NM4788	12/06/1992	Bevan, J., Braithwaite, P.F., Murray, C.W.
Singing Sands, Eigg	NM48	NM4789	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L., McIntosh, J., Moss, G., Scott R.
Kidonnan, Eigg	NM48	NM48888497	10/06/2008	Cheffings, C., McIntosh, J., Moss, G., Scott R.
'Singing Sands', Eigg	NM49	NM4790	13/06/1992	Bevan, J., Braithwaite, P.F., Murray, C.W.

**Islands:** Canna, Eigg, Muck, Oigh-Skeir, Rum, Skye, Soay.

Also recorded from Skye NG24.

Recorded in the vice-county since 1938.

**Carex diandra** Schrank.

Lesser Tussock-sedge

*National Status: Not Scarce, Least Concern.**North Ebrudes Status: Scarce.*

Native perennial sedge of peaty areas, able to tolerate both acidic soils and those which are flushed by calcareous springs. Also found in wet woods, fen carr and swamps. Nationally *C. diandra* has been lost as a result of drainage and scrub encroachment from many lowland sites. Most losses occurred before 1930, but are still continuing in England. Circumpolar Boreo-temperate element. Infrequent in VC 104, but some sites have large number of plants.

Location	Hectad	Grid Ref	Date	Recorder
Balgown, Skye	NG36	NG3868	10/08/1995	Murray, C.W., Currie, A., Hutcheon, S.
Osmigarry, Skye	NG37	NG39857242	12/06/2010	Bungard, S.J.
Loch Fada, Skye	NG44	NG4948	26/07/1968	Birks, H.J.B.
Clifeag, Skye	NG47	NG43497478	17/06/2011	Bungard, S.J.
Loch Cleat, Duntulm	NG47	NG4174	07/06/2010	Bungard, S.J.
Elgol reservoir, Skye	NG51	NG52971545	21/06/2008	Bungard, S.J.
Elgol marsh, Skye	NG51	NG52561426	21/06/2008	Bungard, S.J.
Muck, centre of	NM47	NM4179	11/06/1995	Bevan, J., Braithwaite, P.F., Murray, C.W.
Muck	NM48	NM48	11/06/1995	Bevan, J., Braithwaite, P.F., Murray, C.W.

**Islands:** Muck, Skye.

Recorded in the vice-county since 1947.

**Carex hirta** L.

Hairy Sedge

*National Status: Not Scarce, Least Concern.**North Ebrudes Status: Rare.*

A native found in a wide variety of damp, grassy habitats, this rhizomatous perennial herb is particularly common in areas influenced by man: waste ground, tracksides, roadside verges and hedge-banks. It is also frequent, however, in rough grassland, hayfields, and occasionally sand dunes, marshes and damp, open woods. It avoids highly acidic, infertile soils. The range and frequency of *C. hirta* seem to have been stable over many years. European Temperate element; widely naturalised outside its native range. Whilst common over much of the British Isles this is a rare plant in northwest Scotland and the Isles.

Location	Hectad	Grid Ref	Date	Recorder
Ardvasar, Skye	NG60	NG63120289	05/06/2006	Bungard, S.J.
Armada, Skye	NG60	NG63680376	09/07/2009	Bungard, S.J.
Abhainn a'Ghlinne Mheadhonaich	NG60	NG619058	30/05/1990	Southey, J.F.
Kinloch, Rum	NM49	NM402995	25/08/2004	Pearman, D.A., Farrell, L., Walker, K.J., Pinches, C.E.



**Islands:** Rum, Skye. The Ardvassar site appears to have gone.  
Recorded in the vice-county since 1982.

**Carex paniculata** L.

Greater Tussock-sedge

*National Status: Not Scarce, Least Concern.*

*North EbuDES Status: Scarce.*

This tussock-forming perennial herb occurs in a wide range of habitats, usually somewhat base-enriched, including swamps and fens, the edges of lakes, ponds, canals and ditches, open fen-carr and swampy woodland. It usually grows in the open, where it fruits freely, but tolerates moderate shade, although it can become smaller and less vigorous, flowering only sparsely. The range of *C. paniculata* is stable. However, its frequency has decreased and it has been lost from many sites and is threatened in others, European Temperate element. Common on Muck, rare elsewhere in VC 104.

Site	Hectad	Grid Ref	Date	Recorder
Loch an Fhridhein, Skye	NG13	NG1939	10/07/1958	BSBI Field Meeting
Loch Ravag, Skye	NG34	NG37824483	10/08/2010	Bungard, S.J.
Sithean Beag, S of, Skye	NG50	NG58220767	06/07/2011	Bungard, S.J.
Loch an Ime to L. Baravaig	NG61	NG6810	25/07/1970	Murray, C.W.
Glac na Luachrach	NG62	NG698216	17/06/1989	Steele, K., Butterfield, I.
Muck	NM37	NM39437916	11/08/2009	Bungard, S.J.
Muck	NM37	NM39557901	11/08/2009	Bungard, S.J.
Muck	NM37	NM39627898	11/08/2009	Bungard, S.J.
Muck	NM37	NM39637970	11/08/2009	Bungard, S.J.
Horse Island, Muck	NM38	NM3981	19/07/1996	Taylor, N.
Muck	NM38	NM39918020	09/06/2007	Bungard, S.J.
Muck	NM47	NM41007943	11/08/2009	Bungard, S.J.
Muck	NM47	NM41117926	11/08/2009	Bungard, S.J.
Muck	NM47	NM41907865	11/08/2009	Bungard, S.J.
Muck	NM47	NM42107866	11/08/2009	Bungard, S.J.
Muck	NM48	NM40158004	11/08/2009	Bungard, S.J.
Muck	NM48	NM40178028	11/08/2009	Bungard, S.J.
Muck	NM48	NM40328008	11/08/2009	Bungard, S.J.
Muck	NM48	NM41248035	09/06/2007	Bungard, S.J.
Muck	NM48	NM42538030	13/08/2009	Bungard, S.J.
Muck	NM48	NM42658031	13/08/2009	Bungard, S.J.
Muck	NM48	NM42708006	13/08/2009	Bungard, S.J.
Muck	NM48	NM42858011	13/08/2009	Bungard, S.J.
Eigg	NM48	NM44198502	08/06/2008	Bungard, S.J., McIntosh, J.

**Islands:** Eigg, Muck, Skye.

Also recorded from Skye NG14, 24, 32.

Recorded in the vice-county since 1938.

**Carex rupestris** Bellardi ex All.

Rock Sedge

*National Status: Scarce, Least Concern.**North Ebumes Status: Rare.*

A native perennial herb of basic substrates on cliff ledges and crevices, and on broken rocky or grassy slopes, always over base-rich rocks. It is often a shy flowerer, and it sometimes grows with *C. pulicaris* with which it can be easily confused. Circumpolar Arctic-montane element. Only known in VC 104 on the limestone in the Ben Suardal area, Skye.

Location	Hectad	Grid Ref	Date	Recorder
Ben Suardal	NG62	NG63132068	30/05/2012	Bungard S.J., Terry, S., Walmisley, J & J
Ben Suardal	NG62	NG632210	13/09/1999	Averis A.B.G., Averis, A.M.

**Islands:** Skye only.

First recorded in the vice-county in 1981 by A.A.P. Slack, A.McG. Stirling & C.W. Murray on Ben Suardal. A third site probably exists in the same area, but the plants need to flower for confirmation.

**Carex saxatilis** L.

Russet Sedge

*National Status: Scarce, Least Concern.**North Ebumes Status: Rare, Extinct?*

This rhizomatous perennial herb is usually, but not exclusively, found on base-rich substrates, in areas where there is little water movement. It occurs on flat mountain tops and gentle slopes, and in damp flushes and hollows where snow lies late.

Circumpolar Arctic-montane element; absent from mountains of C. Europe. Only known on the Scottish mainland in the British Isles apart from this specimen which awaits confirmation.

Site	Hectad	Grid Ref	Date	Recorder
Skye	-	Unknown	1872	Mason, P.B.

**Islands:** Skye only.

Recorded in 1872.

Specimen in Bolton Museum Herbarium (BON).

**Carex vesicaria** L.

Bladder-sedge

*National Status: Not Scarce, Least Concern.**North Ebumes Status: Rare, Extinct?*

A native perennial herb of wet habitats, mainly mesotrophic and at least slightly basic, occurring where the water table lies close to or above the soil surface. It is found by lakes, rivers, streams, ponds and canals, in marshes and swamps, ditches, wet meadows and depressions in pasture, and in wet woodland. It also colonises wet hollows in disused sand-, gravel- and clay-pits. Declining nationally due to drainage, falling water tables, ditch cleaning and eutrophication. Circumpolar Boreo-temperate

element. Not seen in the vice-county by the author, his predecessor who was in post for 40 years, nor during the fieldwork for The Flora of Rum.

Location	Hectad	Grid Ref	Date	Recorder
Loch Sleadale, Skye	NG32	NG345290	03/07/1989	Steele, K., Butterfield, I., Duigen, C.A.
Inverarish, nr, Raasay	NG53	NG53	1936	Heslop Harrison, J.W.et al.
Loch Papadil, Rum	NM39	NM364920	04/08/1993	Duncan, W., Jackson, J.
Barkeval, N of, Rum	NM39	NM39T	1938	Heslop Harrison, J.W.et al.

**Islands:** Raasay, Rum, Skye.

Also recorded from Rum **NG30** (Sgaorishal) said by Pearman et al. (2008) to be “almost certainly an error” and Skye **NG35** (Loch Greshornish).

Recorded in the vice-county since 1936.

**Carum verticillatum** (L.) W.D.J. Koch

Whorled Caraway

*National Status: Not Scarce, Least Concern.*

*North Ebuades Status: Rare.*

A native perennial, calcifuge herb of marshes, streamsides, damp meadows, rushy pastures and on wet hillsides with a pronounced soligenous influence. Nationally the distribution of this species is generally stable, indeed it may be becoming more frequent in pastures where drainage is increasingly neglected. Oceanic Southern-temperate element. Known in VC 104 from two area of Skye only, one a burn running through moor to the sea, the other mostly in a well-grazed field where it must be distasteful to sheep.

Location	Hectad	Grid Ref	Date	Recorder
Carbostmore	NG33	NG38383132	16/08/2012	Bungard, S.J.
Carbostmore	NG33	NG38413133	16/08/2012	Bungard, S.J.
Carbostmore	NG33	NG38583125	16/08/2012	Bungard, S.J.
Carbostmore	NG33	NG38653129	16/08/2012	Bungard, S.J.
Sligachan	NG42	NG48212970	16/08/2012	Bungard, S.J.
Sligachan	NG42	NG48602995	16/08/2012	Bungard, S.J.

**Islands:** Skye only.

Also recorded from Skye **NG43** but may be an error from where the colony in NG42 gets close to the border with NG43.

First recorded in the vice-county in 1984 by G. D. Field; the Carbostmore site discovered by G. Jones c.2001.

Many more grid references at the 10 m level could be supplied for the Sligachan site, but the blue dots on the next figure are probably more helpful as an indicator of extent:

**Catapodium marinum** (L.) C.E. Hubbard

Sea Fern-grass

*National Status: Not Scarce, Least concern.**North Ebeudes Status: Rare.*

Native annual grass growing in dry habitats near the sea, including cliff tops, dunes, shingle and increasingly inland by salt-treated roads. Nationally it is found all round the coasts of England and Wales and to a lesser extent Scotland. Mediterranean-Atlantic element.

Location	Hectad	Grid Ref	Date	Recorder
Sanday	NG20	NG20	1938	Heslop Harrison, J.W. et al.
Kilmory, Rum	NG30	NG3603	10/06/1992	Bevan, J., Braithwaite, P.F., Murray, C.W.
Strollamus, Skye	NG52	NG5926	03/07/1969	Birks, H.J.B.
Laig, Eigg	NM48	NM4788	15/06/1995	Bevan, J., Braithwaite, P.F., Murray, C.W.

**Islands:** Canna, Eigg, Rum, Skye.

Also recorded from Eigg/Rum NM49.

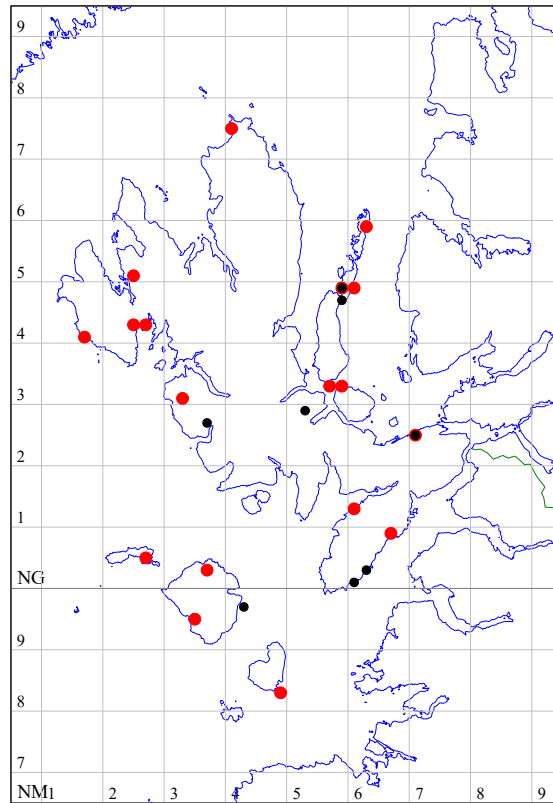
Recorded in the vice-county since 1930s but not recorded since 1995.

**Centunculus minimus** L. (*Anagallis minima*)

Chaffweed

*National Status: Not Scarce, Near Threatened.**North Ebeudes Status: Not Scarce.*

A native annual, normally favouring sandy sites near the sea with high levels of moisture. Usually on acidic soils. It is a poor competitor where grazing is relaxed and general disturbance ceases. Many sites, especially inland ones, were lost before 1930. In England these losses have continued or accelerated, possibly through changes in heathland management, but the distribution is stable elsewhere. It is also very easily overlooked, and is probably under-recorded. European Temperate element; also in N. America and widely naturalised outside its native range. Mostly coastal in VC 104 but also in muddy roadsides.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Canna, Eigg, Muck?, Raasay, Rona, Rum, Scalpay, Soay, Skye.  
 Also recorded in Soay NG41, Eigg/Muck NM48.  
 Recorded in the vice-county since 1938.

**Cephalanthera longifolia** (L.) Fritsch.

Narrow-leaved Helleborine

*National Status:* Scarce, Vulnerable.

*North Ebrudes Status:* Scarce.

A native rhizomatous perennial herb found in a variety of woodland types on calcareous soils, usually on chalk and hard limestone but also on calcareous schist in Scotland. It prefers permanent patches of light and is most frequent on steep, rocky slopes with an open tree canopy, but is also found along woodland edges and rides, and in scrub. Nationally this species declined markedly in the 19th and 20th centuries, especially before 1970, probably through cessation of woodland management and conifer planting, both leading to denser canopies. European Temperate element; also in C. Asia. In the Hebrides, and Skye is no exception, sea cliffs are also a favoured habitat.

Location	Hectad	Grid Ref	Date	Recorder
Geary, Skye	NG26	NG26726335	07/06/2006	Bungard, S.J.
Geary, Skye	NG26	NG26766225	26/05/2008	Sillence, A.
Geary, Skye	NG26	NG26816285	01/06/2006	Bungard, S.J.
Tarskavaig, Skye	NG50	NG585094	01/05/1977	Anon.
Achnacloich, Skye	NG50	NG587093	20/05/1988	Vickers, E.

Stonefield, Skye	NG50	NG58740908	14/06/2006	Bungard, S.J.
Dalavil Wood, Skye	NG50	NG59740571	04/06/2006	Farmer, C.
Berraraig Bay, Skye	NG55	NG51855379	08/06/2011	Bungard, S.J., Walls, K., Parker, K.
Berraraig Bay, Skye	NG55	NG51865380	08/06/2011	Bungard, S.J., Walls, K., Parker, K.
Berraraig Bay, Skye	NG55	NG51865381	08/06/2011	Bungard, S.J., Walls, K., Parker, K.
Berraraig Bay, Skye	NG55	NG51865383	08/06/2011	Bungard, S.J., Walls, K., Parker, K.
Calligarry, Skye	NG60	NG6202	16/06/1995	Murray, C.W.
Sgeir Mhic Eachain	NG60	NG6202	30/05/1972	Murray, C.W., Robertson, D.
Ardvasar, Skye	NG60	NG6203	1950	Oates, V.
Armadale Castle	NG60	NG6404	01/06/1977	Last, F.T.

**Islands:** Skye only.

Recorded in the vice-county since 1945.

The Calligarry site is now under a bungalow.

**Cerastium nigrescens** (H.C. Watson) Edmonston ex H.C. Watson  
(**Cerastium arcticum**)

Arctic Mouse-ear

*National Status: Scarce, Near Threatened.*

*North EbuDES Status: Scarce.*

A native montane, tufted perennial herb of acidic and hard basic rocks. It normally occurs in wet, thinly-vegetated crevices and on ledges in north-facing corries. Plants may sometimes be found rooted at the foot of mountain cliffs. It is rarely found below 700 m. The national distribution is stable. European Arctic-montane element, but absent from mountains of C. Europe; also in N. America. On Skye, found in the Cuillins and Trotternish Ridge, though in need of re-finding in the latter area.

Location	Hectad	Grid Ref	Date	Recorder
Am Basteir	NG42	NG46592526	2003	Green, I.P., Jepson, P.
Cuillins	NG42	NG46682531	2003	Green, I.P., Jepson, P.
Knight's Peak	NG42	NG47032534	2003	Green, I.P., Jepson, P.
Sgurr nan Gillean	NG42	NG4725	20/08/1966	Murray, R.M.
Corrie na Creiche, head of	NG42	NG4524	01/07/1968	Field, G.D.
Sgurr nan Gillean and Am Basteir, between	NG42	NG4725	28/07/1970	Murray, C.W., Field, G.D.
Corrie Lagan to Corrie Grunnda	NG42	NG4420	02/08/1974	Murray, R.M.
Sgumain stone shoot, top of	NG42	NG4420	28/07/1977	Murray, C.W.
Coir' a'Ghrunnda, SE corner	NG42	NG4520	29/06/1980	Murray, C.W.
Loch Coir' a'Ghrunnda	NG42	NG4520	29/06/1980	Murray, C.W.
Sgurr Thornod, gully nr	NG42	NG4422	08/08/1980	Murray, C.W., Murray, R.M.
Banachdich col, Coruisk side	NG42	NG4421	25/10/1980	Murray, C.W.
Sgurr na Gillean-Am Bastair	NG42	NG4625	09/07/1981	Murray, C.W.
Sgurr nan Gobhar ridge to Coir' an Eich	NG42	NG42G	25/09/1982	Murray, C.W.
Sgurr nan Gobhar towards Sgurr na Banachdich	NG42	NG42G	25/09/1982	Murray, C.W.

Sgurr na Banichdich	NG42	NG4322	25/09/1982	Murray, C.W.
Sgurr nan Gobhar ridge	NG42	NG42G	20/11/1983	Murray, C.W.
The Storr	NG45	NG494541	09/07/1992	Smith, R.E.N.
Storr, NW slopes	NG45	NG4954	24/06/1993	Farrell, L., Murray, C.W
Garbh Bheinn, S side	NG52	NG533228	01/07/1999	Richards, M.
Blaven, S face	NG52	NG530214	22/07/1999	Richards, M.
Garbh Bheinn	NG52	NG530230	11/06/2000	Woodall, R.
Bidein Druim nan Ramh	NG42	NG45632397	14/07/2003	Green, I.P., Jepson, P.
Am Basteir	NG42	NG46592526	16/07/2003	Green, I.P., Jepson, P.
Cuillins	NG42	NG46682531	16/07/2003	Green, I.P., Jepson, P.
Knight's Peak	NG42	NG46732532	16/07/2003	Green, I.P., Jepson, P.
Cuillins	NG42	NG44292169	18/07/2003	Green, I.P.
Sguur na Banachdich	NG42	NG44312193	18/07/2003	Green, I.P.
Bealach Coire na Banachdich	NG42	NG44362178	18/07/2003	Green, I.P.
Coire a'Bhasteir	NG42	NG465253	01/07/2008	Harrison, T.
Garbh Beinn	NG52	NG534234	09/06/2009	Peppé, D., Peppé, W.D

**Islands:** Skye only.

Recorded in the vice-county since 1925.

### **Cerastium semidecandrum** L.

Little Mouse-ear

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Rare.*

This native annual or overwintering herb of well-drained, sandy or calcareous soils is found on dry banks and open, grassy places, on heathy ground, fixed dunes, disturbed sandy areas near the sea and walls. It also grows on rock ledges and bare places on limestone, and occasionally grows in heavier clay soils. Previously under-recorded. European Temperate element; widely naturalised outside its native range. Known from sandy coastal locations in the Small Isles, plus older poorly localised records on Skye.

Location	Hectad	Grid Ref	Date	Recorder
Sanday, NW end,	NG20	NG2604	17/07/1994	Aungier, F.M.
Kilmory, Rum	NG30	NG363038	23/06/2003	Pearman, D.A., Farrell, L., Jack, S.
Samhnan Insir, Rum	NG30	NG378044	2003	Pearman, D.A., Farrell, L., Jack, S.

**Islands:** Canna, Eigg?, Muck?, Rum, Skye.

Also recorded from Eigg/Muck NM48, Eigg/Rum NM49, Skye NG50, 60.

Recorded in the vice-county since 1938.

**Chenopodium album** L.

Fat-hen

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Scarce.*

An annual of disturbed, nutrient-rich habitats, including cultivated fields and gardens, manure heaps, waste ground, rubbish tips and soil heaps. Copious seed is produced, resulting in a long-lived seed bank. The distribution since the 1962 Atlas is stable in much of its range, though the decline in arable farming in W. Scotland has made it less frequent there. Eurasian Wide-temperate element, but naturalised in N. America so distribution is now Circumpolar Wide-temperate.

Site	Hectad	Grid Ref	Date	Recorder
Cuil a'Bhainne to An Coroghon, Canna	NG20	NG20	17/07/1994	Aungier, F.M.
Uig, Skye	NG36	NG39596416	07/08/2010	Bungard, S.J.
Portree, 'Aros', Skye	NG44	NG4742	21/08/1997	Murray, C.W., Henriksen, M.
Raasay House	NG53	NG547366	09/08/1991	Bungard, S.J.
Clachan, Raasay	NG53	NG54893639	18/10/2012	Bungard, S.J.
Suisnish Point, Raasay	NG53	NG551350	03/07/2006	Bungard, S.J.
East Suisnish, Raasay	NG53	NG555341	29/08/1997	Bungard, S.J.
Raasay	NG53	NG5537	05/07/2006	Bungard, S.J.
Inverarish, Raasay	NG53	NG556358	02/08/1991	Bungard, S.J.
Raasay	NG54	NG5542	18/08/2005	Bungard, S.J.
Raasay	NG54	NG5642	18/08/2005	Bungard, S.J.
Broadford, Skye	NG62	NG62L	Jun 2000	Gregory, M.
Kyleakin, Skye	NG72	NG75282639	03/09/2006	Bungard, S.J.
Oigh-Sgeir	NM19	NM19	1938	Heslop Harrison, J.W. et al.

**Islands:** Canna, Oigh-Sgeir, Raasay, Skye.

Also recorded from Skye NG51, 52.

*Chenopodium album* agg. has additionally been recorded in the following hectads: NG35, 41, 42, 43, 45, 46, 51, 52, 61, 63, NM47, 48. In no case is a better grid reference given.

Recorded in the vice-county since 1938.

**Cladium mariscus** (L.) Pohl.

Great Fen-sedge

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Scarce.*

A rhizomatous perennial of oligotrophic to mesotrophic habitats, usually growing on peat. It is found in swamps at the margins of lakes and ponds and along streams, and in tall-herb fens and open fen carr. *C. mariscus* has declined because of drainage, and some lowland sites are currently threatened by eutrophication and scrub invasion. However, it is probably under-recorded in Scotland. Eurosiberian Southern-temperate element; also in N. America. In lochs/lochans on several islands in VC 104. Recently found in a bog on Skye.



Location	Hectad	Grid Ref	Date	Recorder
Lochan na Teanga Riabhaich, Soay	NG41	NG44591447	01/08/2011	Longrigg, S.
Loch Doire an Lochain, Soay	NG41	NG45871464	19/07/2010	Longrigg, S.
Sithean Beag, S of, Skye	NG50	NG58220767	06/07/2011	Bungard, S.J.
Brochel road, Raasay	NG54	NG574459	05/02/2008	Bungard, S.J.
Loch Braig, Rona	NG65	NG62115981	18/07/2007	Bungard, S.J.
Muck	-	Unknown	1938	Heslop Harrison, J.W. et al.

**Islands:** Muck, Raasay, Rona, Soay, Skye.

Recorded in the vice-county since 1936. Not recorded on Muck since 1938.

### **Cochlearia danica** L.

Danish Scurvygrass

*National Status:* Not Scarce, Least Concern.

*North Ebuades Status:* Scarce.

A winter-annual of cliff-tops, sand dunes and sea-walls, and on old walls and pavements in coastal towns; generally preferring open ground on well-drained sandy soils or bare rock. It used to occur on railway ballast, and is now frequent along inland roadsides. Since the early 1980s, *C. danica* has spread rapidly along salt-treated roads in Britain and N. Ireland. Stable in native habitats. Oceanic Temperate element. May be more common in VC 104 than the following records suggest as some dwarfed mauve-flowered plants that are difficult to determine may belong here.

Site	Hectad	Grid Ref	Date	Recorder
Ardmore, Skye	NG24	NG28414107	20/04/2007	Bungard, S.J.
Kilmory, rocks, Rum	NG30	NG30R	1947	Heslop Harrison, J.W. et al.
Greshornish Point, Skye	NG35	NG34885631	20/05/2007	Bungard, S.J.
Greshornish, Skye	NG35	NG35075586	20/05/2007	Bungard, S.J.
Rubha Hunish, Skye	NG47	NG4076	06/05/1985	Murray, C.W.
Tarskavaig area, Skye	NG50	NG50Z	May 2000	Gregory, M.
Scalpay	NG52	NG58932903	05/05/2008	Bungard, S.J.
Scalpay	NG53	NG58233007	05/05/2008	Bungard, S.J.
Sconser, W of, Skye	NG53	NG53A	27/05/2007	Bungard, S.J.
Rubha nam Braithairean	NG56	NG52766270	20/04/2009	Bungard, S.J.
Calligarry, S of, Skye	NG60	NG6202	1996	Gregory, M.
Oigh-Sgeir	NM19	NM19	1938	Heslop Harrison, J.W. et al.
Eilean nan Each, Muck	NM38	NM38	1938	Heslop Harrison, J.W. et al.
Muck	NM48	NM48	30/05/1982	Clark, J., Lee, A.
Eilean Feoir, Eigg	NM48	NM485842	24/05/2000	Bevan, J.
Raasay	-	Unknown	1936	Heslop Harrison, J.W. et al.
Rona	-	Unknown	1936	Heslop Harrison, J.W. et al.

**Islands:** Eigg, Muck, Oigh-Sgeir, Rona, Rum, Scalpay, Skye.

Recorded in the vice-county since 1938.

**Cochlearia officinalis subsp. scotica** (Druce) P.S. Wyse Jacks.

Scottish Scurvygrass

*National Status: Not Scarce, UK Biodiversity Action Plan priority species.**North Ebuges Status: Scarce.*

A biennial or perennial herb which grows in a variety of coastal habitats, including open, stony shores, the crevices between rock and boulders near the sea, shingle spits, sand dunes and short, grazed grassland on cliff-tops and saltmarshes. The current disagreement over the taxonomic status of subsp. *scotica* has discouraged recorders from attempting to identify it, and resulted in a paucity of recent records. Endemic.

Site	Hectad	Grid Ref	Date	Recorder
Kraiknish, Dun, Skye	NG32	NG3523	20/05/1973	Murray, C.W.
Ose River, mouth of	NG34	NG3140	11/06/1993	Murray, C.W.
Soay	NG41	NG41	1938	Heslop Harrison, J.W. et al.
Oskaig Point, Raasay	NG53	NG5438	09/06/1960	Duncan, U.K.
Wreck Bay, Rum	NM39	NM30509834	24/06/2003	Pearman, D.A., Rothero, G.P., Scott, R.
Harris, E of, Rum	NM39	NM343947	26/06/2003	Braithwaite, P.F., Pearman, D.A.
Kildonan, Eigg	NM48	NM4984	May 1980	Burnip, M.
Kinloch, N shore, Rum	NM49	NM4199	25/06/2003	Braithwaite, P.F.
Kinloch, S shore, Rum	NM49	NM49E	27/06/2003	Braithwaite, P.F., Bungard, S.J.
Point of Sleat area	NM59	NM5699	28/04/1973	Murray, C.W.
Muck, Skye	-	Unknown	1985	Dobson, R.H., Dobson, R.M.

**Islands:** Eigg, Muck, Raasay, Rum, Skye, Soay.Also recorded from Skye NG14, 15, **25**, 26, **31**, 36, 42, **43**, 45, **50**, **60**.

Recorded in the vice-county since 1915.

**Cochlearia pyrenaica** DC.

Pyrenean Scurvygrass

*National Status: Not Scarce, Least concern.**North Ebuges Status: Scarce*

A biennial or perennial herb of damp, open habitats, including montane cliffs, wet gullies, bryophyte-dominated flushes and spoil heaps by old lead and zinc mines. The diploid subsp. *pyrenaica* is only known from N. England and Skye. Because of the varying taxonomic treatments in recent years, *C. pyrenaica* is under-recorded, especially in Scotland.

Site	Hectad	Grid Ref	Date	Recorder
Bloodstone, Rum	NG30	NG30A	1965	Anon.
Fionchra, Rum	NG30	NG3300	05/08/1948	Sledge, W.A.
Sgurr Mhic Choinnich, below	NG42	NG42K	28/07/1977	Murray, C.W.
Am Basteir, Skye	NG42	NG42S	28/07/1970	Murray, C.W.
Cuillins, Skye	NG42	NG44292169	18/07/2003	Green, I.P.
Bealach Coire na Banachdich	NG42	NG44362178	18/07/2003	Green, I.P.

Sgurr a'Mhadaidh, N of, Skye	NG42	NG447239	16/07/1996	Rich, T.C.G., Smith, P.A.
Sgurr Sgumain, Skye	NG42	NG44842063	17/07/2003	Green, I.P.
Fionn Choire, Skye	NG42	NG4526	27/07/1983	Murray, C.W.
Am Basteir, Skye	NG42	NG46592526	16/07/2003	Green, I.P., Jepson, P.
Knight's Peak, Skye	NG42	NG47032534	16/07/2003	Green, I.P., Jepson, P.
Sgurr a'Mhadaidh Ruaidh & S	NG45	NG4758	07/09/1979	Murray, C.W.
Storr Plateau, Skye	NG45	NG4954	09/07/2012	Bungard, S.J., Peppé, D. & W.D.
Loch Corcasgil, Beinn Edra	NG46	NG452634	30/07/1984	Anon.
Quiraing, Skye	NG46	NG46P	05/09/2008	Bungard, S.J.
Coire Mhic Eacainn, Skye	NG47	NG47K	05/09/2008	Bungard, S.J.
Ruinsval, Rum	NM39	NM39L	1965	Anon.
Leac a'Chasteil, Rum	NM39	NM39R	06/08/1948	Sledge, W.A.
Trallval, Rum	NM39	NM39S	1965	Anon.
Barkeval, Rum	NM39	NM39T	1938	Heslop Harrison, J.W. et al.

**Islands:** Rum, Skye.

Recorded in the vice-county since 1938.

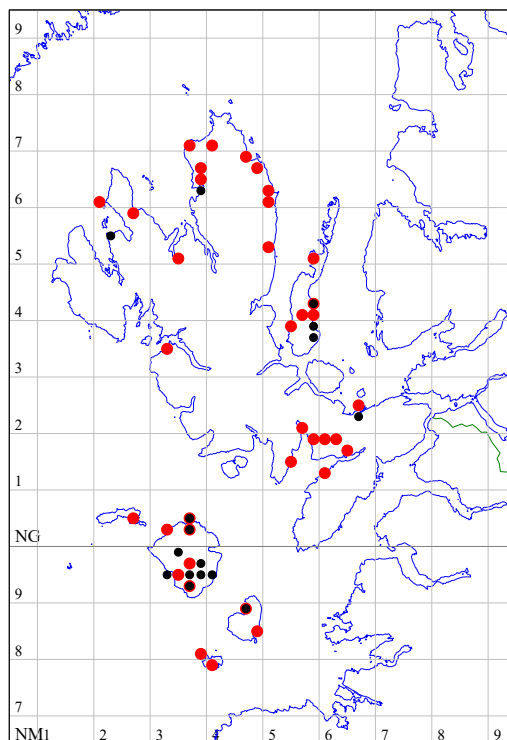
**Coeloglossum viride** (L.) Hartman

Frog Orchid

*National Status: Not Scarce, Vulnerable.*

*North Ebumes Status: Not Scarce.*

Native perennial herb growing in dry grassland, dunes and chalkpits, but also flushes, scree and even roadsides. Nationally this species declined throughout the twentieth century, mainly due to ploughing and grassland improvement. Circumpolar Boreal-montane element. May be declining in VC 104 but easily overlooked.



Records for Year <2000 [2km]

Records for Year >=2000 [2km]

**Islands:** Canna, Eigg, Muck, Raasay, Rum, Scalpay, Skye.  
Also recorded from Scalpay (no grid ref), Skye NG24.  
Recorded in the vice-county since 1868.

**Cystopteris diaphana** (Bory) Blasdel

Diaphanous Bladder-fern

*National Status:* Rare, Vulnerable.  
*North Ebrudes Status:* Rare.

A possibly native fern, first discovered in a possibly native site in west Cornwall in 2000, having been previously recorded as an introduction elsewhere. It grows on shady walls and banks on acidic soils. Viewed, like *C. dickieana*, as a subspecies of *C. fragilis* by some authorities. Specimen taken in 1988 identified as this in 2012. Needs to be re-found.

Location	Hectad	Grid Ref	Date	Recorder
Struan S of, bridge over ravine, Skye	NG33 or 43	NG33 or 43	1988	Fraser-Jenkins, C.

**Islands:** Skye only.  
Recorded in the vice-county since 1988 (Det. 2012)

**Dactylorhiza incarnata subsp. coccinea** (Pugsley) Soó. Early Marsh-orchid

*National Status:* Not Scarce, Waiting.  
*North Ebrudes Status:* Scarce.

Native perennial herb, this subspecies is found mainly in damp dune slacks, and occasionally in other habitats. This subspecies was not separately mapped until 1968. Nationally its range seems stable although it has declined in some areas due to coastal erosion and scrub development. Endemic.

Location	Hectad	Grid Ref	Date	Recorder
Sanday, Canna	NG20	NG26580468	15/06/2009	Bungard, S.J.
Kilmory, Rum	NG30	NG363039	1983	Bateman, R.M., Denholm, I.
Prince Charles's Point, S of, Skye	NG36	NG37666660	24/06/2009	Bungard, S.J., Watkins S., Boden, J.
South Fearn, Raasay	NG53	NG58423533	04/07/2006	Bungard, S.J.
Ob Lusa, E of, Skye	NG72	NG70942535	08/06/2007	Bungard, S.J.
Eilean nan Each, Muck	NM38	NM3981	1996	Bevan, J., Braithwaite, P.F., Murray, C.W.
Cleadale, Eigg	NM48	NM47568923	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L., McIntosh, J., Moss, G., Scott, R.

**Islands:** Canna, Eigg, Muck, Raasay, Skye.  
Also recorded from Skye NG61.  
Recorded in the vice-county since at least 1951.

**Dactylorhiza traunsteinerioides** (Pugsley) R.M Bateman & Denholm.**(D. lapponica)**

Narrow-leaved Marsh-orchid

*National Status: Scarce, Least Concern.**North EbuDES Status: Scarce.*

A native tuberous perennial herb of base-rich hill flushes associated with superficially acidic and peaty soils; sometimes also spreading into nearby areas of more acidic wet heath. Most sites are moderately or heavily grazed. This taxon, first discovered in Britain in 1967, is almost certainly still under-recorded. The taxonomy of dactylorchids continues to excite academic interest. According to Bateman & Denholm (2012) the VC 104 plants are subsp. *francis-drucei* var. *francis-drucei*. European Boreal-montane element. Mostly to be found in VC 104 in otherwise uninspiring moorland.

Location	Hectad	Grid Ref	Date	Recorder
Kilbride Pt, N of, Skye	NG36	NG37466604	24/06/2009	Bungard, S.J., Watkins S., Boden, J.
Totescore, W of, Skye	NG36	NG37496595	28/06/2010	Bungard, S.J.
Allt nan Leac, Skye	NG51	NG59801830	04/06/2012	Terry, S.
Allt nan Leac, Skye	NG51	NG59851829	11/06/2012	Terry, S.
An Slugan, Skye	NG52	NG580250	11/06/2000	Woodall, R.
Allt Strollamus, Skye	NG52	NG58952567	09/06/2012	Terry, S.
Allt Strollamus, Skye	NG52	NG58972572	09/06/2012	Terry, S.
Raasay	NG54	NG576417	06/07/1996	Cowie, N.R., Harvey, M.L., Bateman, R.M.
Raasay	NG54	NG57724151	10/06/2010	Bungard, S.J.
Raasay	NG54	NG577417	06/07/1996	Bateman, R.M., Cowie, N.R., Harvey, M.L.
Raasay	NG54	NG57794184	10/06/2010	Bungard, S.J.
Raasay	NG54	NG57904192	10/06/2010	Bungard, S.J.
Raasay	NG54	NG57944114	10/06/2010	Bungard, S.J.
Druim an Aonaich, W of, Raasay	NG54	NG5841	30/06/2007	Bungard, S.J. & Bradford Botany Group
Bheinn an Dubhaich	NG61	NG608186	01/07/2008	Harrison, T.
Kylerhea, near, Skye	NG72	NG7822	28/06/2010	Bungard, S.J.
Kylerhea, W of, Skye	NG72	NG78432120	04/06/2008	Bungard, S.J.
Kylerhea, W of, Skye	NG72	NG78522121	04/06/2008	Bungard, S.J.
Dibidil, Rum	NM49	NM409944	1998	Taylor, A.M.
Dibidil, Rum	NM49	NM409945	11/06/1989	Allan, B., Allan, J.

**Islands:** Raasay, Rum, Skye.Also recorded from Rum **NG30**.

Recorded in the vice-county since 1989 (Rum), Raasay 1994, Skye 2002.

**Deschampsia cespitosa subsp. alpina** (L.) Hook

Tufted Hair-grass

*National Status: Scarce, Least Concern.**North EbuDES Status: Not Scarce.*

A native tufted perennial of very open montane habitats, growing on rock ledges, slumped soil and gravelly flushes, often in areas of late snow-lie. It reproduces vegetatively by proliferous spikelets. Subsp. *alpina* is poorly known and much under-recorded. It is sometimes confused with proliferous forms of subsp. European Arctic-montane element; also recorded from Greenland, E. Canada and E. Asia but absent from the mountains of Central Europe. In VC 104, restricted to high hills on Rum and Skye. Subsp. *cespitosa* is common in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Sgurr nan Gillean - Am Basteir	NG42	NG42S	28/07/1970	Murray, C.W.
Sgurr na Banachdich	NG42	NG4322	01/08/1968	Murray, R.M.
Banachdich col	NG42	NG4421	28/07/1977	Murray, C.W.
Sgurr Thormoid, below	NG42	NG4422	08/08/1980	Murray, C.W.
Coir' a'Ghrunnda, above	NG42	NG447200	30/08/1972	Birks, H.J.B.
Sgurr Sgumain	NG42	NG44842063	17/07/2003	Green, I.P.
Loch Coir' a'Ghrunnda	NG42	NG4520	29/06/1980	Murray, C.W.
Bealach a'Mhoramhain	NG46	NG4562	05/07/1967	Birks, H.J.B. & H.H.
Ben Edra	NG46	NG4562	05/07/1967	Birks, H.J.B.
Coir' a'Bhasteir	NG42	NG4625	28/07/1970	Field, G.D., Murray, C.W.
Am Basteir	NG42	NG4725	28/07/1970	Field, G.D., Murray, C.W.
Storr Plateau	NG45	NG49425410	09/07/2012	Bungard, S.J., Peppé, W.D. & D.
Storr summit, W of	NG45	NG494542	10/09/1962	Muirhead, C.W.
Storr summit, NW of	NG45	NG4954	03/08/1974	Murray, C.W.
Coire Faoin	NG45	NG49555396	17/07/2012	Bungard, S.J., Peppé, W.D. & D.
Blaven summit	NG52	NG5321	30/06/1969	Birks, H.J.B.
Blaven	NG52	NG5321	17/08/2007	Bungard, S.J., McIntosh, J.
Barkeval summit	NM39	NM379972	1997	Scottish Natural Heritage
Barkeval	NM39	NM381978	1957	Anon.
Trallval	NM39	NM38379529	26/06/2003	Rothero, G.P.
Bealach Bairc-mheall	NM39	NM388972	1957	Anon.
Askival	NM39	NM395947	24/08/2004	Lambdon, P.W., McIntosh, J.
Hallival, N of	NM39	NM39769709	26/08/2004	Walker, K.J., Lambdon, P.W.
Ruinsval	NM39	NM39M	1965	Anon.
Ainshival	NM39	NM39S	1948	Sledge, W.A.
Sgurr nan Gillean	NM39	NM39W	1938	Heslop Harrison, J.W.et al.
Askival	NM39	NM39X	1938	Heslop Harrison, J.W.et al.
Hallival	NM39	NM39Y	1938	Heslop Harrison, J.W.et al.
Loch Coire nan Grunnd	NM49	NM40699541	25/06/2003	Pearman, D.A., Braithwaite, M.E.

**Islands:** Rum, Skye.

Recorded in the vice-county since at least 1938.

**Deschampsia setacea** (Huds.) Hack.

Bog Hair-grass

*National Status: Scarce, Least Concern.**North EbuDES Status: Not Scarce.*

A densely tufted perennial of peaty or stony margins of lochs, shallow pools and seasonally inundated depressions on heaths, and on acid bogs. It appears to favour bare areas that are flooded in winter but dry in summer, and possibly where there is some lateral water movement. The species has been lost since the 1930s from many lowland sites through habitat destruction or under-grazing of heathland. Oceanic Temperate element. Loch edges and boggy ground in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Earlish	NG36	NG38376152	17/07/2010	Bungard, S.J.
Sligachan	NG42	NG481287	24/07/2001	Pearman, D.A.
Lochan Dubha (N), edge of	NG42	NG4924	13/08/1984	Murray, C.W., Birks, H.J.B.
Loch an Eilean, eastern end	NG43	NG471306	01/07/2008	Harrison, T.
Loch nan Eilean, Sligachan	NG43	NG47223043	05/08/2004	Bungard, S.J.
Loch Mór na Caplaich	NG43	NG47473092	05/08/2004	Bungard, S.J.
Loch Mór na Caplaich	NG43	NG47523000	05/08/2004	Bungard, S.J.
Dalavil, S of	NG50	NG5804	01/08/1998	Gregory, M.
Glasnakille road to Elgol	NG51	NG5213	1976	Coulson, M.
Raasay	NG53	NG55293850	09/08/2007	Bungard, S.J.
Raasay, Pool N of YHA	NG53	NG553384	02/08/1991	Bungard, S.J.
Raasay, Pool N of YHA	NG53	NG553385	06/08/1991	Bungard, S.J.
Raasay	NG53	NG554372	25/10/1993	Bungard, S.J.
Raasay	NG53	NG559376	25/10/1993	Bungard, S.J.
Raasay	NG53	NG5539	1992-1999	Bungard, S.J.
Raasay	NG53	NG55473732	09/08/2007	Bungard, S.J.
Raasay	NG53	NG5635	1992-1999	Bungard, S.J.
Raasay	NG53	NG560373	25/10/1993	Bungard, S.J.
Loch Storab, Raasay	NG53	NG565387	01/08/1991	Bungard, S.J.
Loch Eadar da Bhaile, Raasay	NG54	NG5540	03/07/1969	Murray, C.W.
Loch Buidhe & Lochan to W	NG61	NG6319	06/08/2008	Bungard, S.J.
Loch Buidhe	NG61	NG63811922	07/09/2002	Halcrow, V.M.
Lochain Dubha	NG62	NG6720	1966	Anon.
Lochain Dubha, edge of	NG62	NG681207	27/09/1970	Murray, C.W.

**Islands:** Raasay, Skye.

Recorded in the vice-county since at least 1888.

**Draba norvegica** Gunnerus

Rock Whitlowgrass

*National Status: Scarce, Least Concern.**North Ebuades Status: Scarce.*

A native perennial tufted herb of base-rich rocks, occurring on rock ledges, in crevices in cliffs, on consolidated scree and in other bare places. A few more sites have been discovered in recent years, suggesting that *D. norvegica* has previously been under-recorded, but in general the national distribution is stable. European Arctic-montane element, but absent from mountains of C. Europe; also in N. America. Very occasional in the Cuillins on Skye.

Location	Hectad	Grid Ref	Date	Recorder
Sgurr Thormod	NG42	NG4422	01/08/1980	Bull, S., Monie, H.
Bidein Druim nan Ramh	NG42	NG4524	23/06/1993	Currie, A., Farrell, L., Murray, C.W.
Am Basteir	NG42	NG46592526	16/07/2003	Green, I.P., Jepson, P.
Sgurr nan Gillean to Coir'a Bhasteir	NG42	NG47172556	16/07/2003	Green, I.P., Jepson, P.
Blaven	NG52	NG533217	22/07/1999	Richards, M.

**Islands:** Skye only.

Recorded from Fionchra, Rum (NG30) but Pearman et al. (2008) view this as “most likely in error for a dwarfed form of *D. incana*”. The Blaven site has probably been re-found but needs confirmation.

Recorded in the vice-county since 1964 (ignoring earlier Rum record).

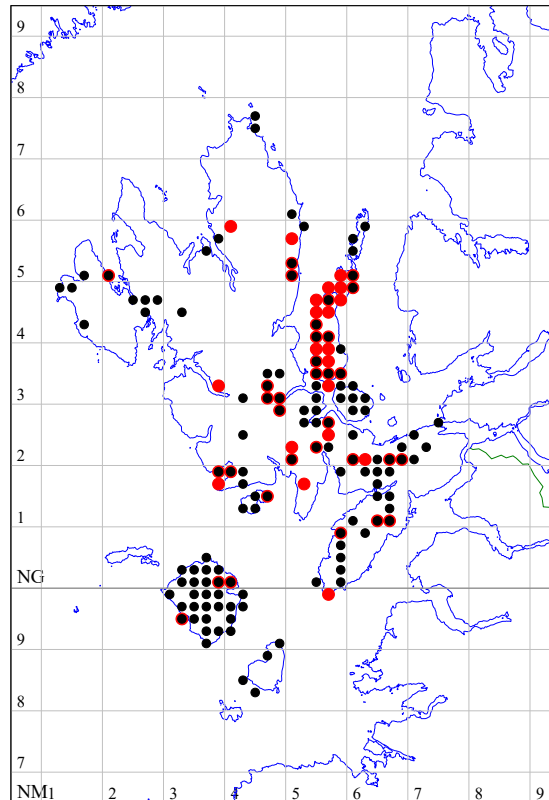
**Drosera anglica** Huds.

Great Sundew

*National Status: Not Scarce, Near Threatened.**North Ebuades Status: Not Scarce.*

A native insectivorous, rosette-forming perennial herb growing in the wetter parts of raised and blanket bogs (often in standing water), in flushed valley bogs, on stony lake shores and, more rarely, in calcareous mires. Generally lowland, it has been declining since the 19th century due to drainage, eutrophication and peat extraction. Circumpolar Boreal-montane element. Widespread in wet bogs in the islands of VC 104 except the sandier ones (Canna, Muck and up to a point Eigg).





Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Canna?, Eigg, Raasay, Rona, Rum, Soay, Skye.  
 Also recorded from Canna NG20, Skye 23, 32, 44, 46, 71.  
 Recorded in the vice-county since at least 1876.

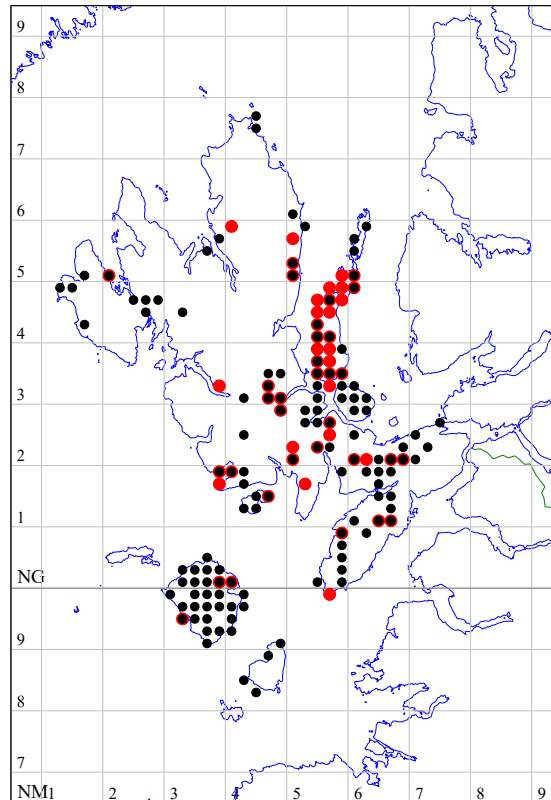
### **Dryas octopetala** L.

Mountain Avens

*National Status:* Scarce, Least Concern.

*North Ebrudes Status:* Not Scarce.

A native dwarf procumbent and creeping shrub, typically found on basic ledges and rock crevices on mountains, but also occurring in upland calcareous grassland, on coastal shell-sand in N. Scotland, and limestone pavement in Ireland. The national distribution of this species appears to be stable overall. Circumpolar Arctic-montane element, but absent from eastern N. America. Widespread in limestone areas in VC 104; more sporadic elsewhere.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Eigg, Raasay, Rum, Skye. Recorded in the vice-county since at least 1772.

**Elatine hexandra** (Lapierre) DC.

Six-stamened Waterwort

*National Status:* Not Scarce, Least concern.

*North Ebrudes Status:* Scarce.

*E. hexandra* grows as an annual on exposed mud at the edge of lakes, reservoirs, ponds and flooded gravel-pits, or submerged on open substrates in shallow, oligotrophic to eutrophic water. When submerged it may sometimes persist as a short-lived perennial. Like many species in this habitat, it is subject to large annual fluctuations in numbers. European Temperate element.

Site	Hectad	Grid Ref	Date	Recorder
Loch Sleadale, W end, Skye	NG32	NG343289	30/10/1973	Murray, C.W.
Loch Lic-aird, N end, Skye	NG33	NG333322	23/10/1973	Murray, C.W.
Loch Fada, Arnaval, S end	NG33	NG341315	19/09/1973	Murray, C.W.
Loch Duagrighm, Skye	NG33	NG397397	18/07/1989	Butterfield, I., Duigen, C.A.
Loch Niarsco, Skye	NG34	NG34Y	18/09/1996	Murray, C.W.
Loch Ravag, E side, Skye	NG34	NG3845	10/09/1976	Murray, C.W.
Loch Niarsco, Skye	NG34	NG391472	21/07/1989	Steele, K., Butterfield, I.
Loch Leum na Luirginn, Skye	NG46	NG4467	01/09/1976	Murray, C.W.
Loch Cleap, SE end, Skye	NG46	NG4666	14/09/1974	Murray, C.W.
Loch Lonachan, Skye	NG61	NG627192	16/06/1989	Steele, K., Butterfield, I., Duigen, C.A.

Lochan na Saile, Skye	NG72	NG729227	18/06/1989	Bell, S.L., Duigen, C.A.
Loch Papadil, Rum	NM39	NM364919	27/07/2000	Preston, C.D., Pearman, D.A.
Loch Papadil, Rum	NM39	NM3692	27/07/2000	Preston, C.D., Pearman, D.A.
Loch Dubh an Sgoir, SW end	NM39	NM380915	27/07/2000	Preston, C.D., Pearman, D.A.

**Islands:** Rum, Skye.

Recorded in the vice-county since 1947.

**Elymus caninus var. caninus** (L.) L.

Bearded Couch

*National Status: Not scarce, Least Concern.*

*North Ebumes Status: Scarce.*

A loosely tufted native perennial herb, intolerant of grazing, found in partially shaded sites in woodland, on river banks and roadside margins on free-draining, mainly base-rich, soils. It is also found in mountain areas in gullies, on cliffs and rock-ledges. 0-810 m. Nationally the overall distribution of *E. caninus* is stable. Eurosiberian Boreo-temperate element. In VC 104, mostly on rocks - with or without shade.

Location	Hectad	Grid Ref	Date	Recorder
Uig Pier, Skye	NG36	NG3863	03/07/1969	Birks, H.J.B.
Loch Slapin, Allt nan Leac	NG51	NG585187	31/07/1974	Ward, S.D.
Drinan, Skye	NG51	NG54871501	14/08/2004	Farmer, C.
Cnoc Slapin, Suardal	NG52	NG575213	03/07/1974	Ward, S.D.
Raasay, East Coast	NG53	NG5938	31/07/1994	Bungard, S.J.
Loch Eadar da Bhaile, Raasay	NG54	NG557407	26/07/1994	Bungard, S.J.
Raasay, East Coast	NG54	NG5840	28/10/1993	Bungard, S.J.
Suardal, Skye	NG61	NG622195	06/07/1974	Ward, S.D.
Suardal, Skye	NG61	NG62181944	23/08/2011	Bungard, S.J.
Strath Suardal, Skye	NG62	NG628215	04/07/1973	Ward, S.D.
Muck	NM47	NM47	18/07/1973	Roger, J.G., Brownlie, J.C., Prain, A.

**Islands:** Eigg?, Muck, Raasay, Skye.

Also recorded from Eigg/Muck NM48, Skye NG32.

Recorded in the vice-county since at least 1915.

**Elytrigia juncea** (L.) Nevski

Sand Couch

*National Status: Not Scarce, Least Concern.*

*North Ebumes Status: Scarce.*

A native rhizomatous perennial herb growing on or just above the strandline in loose sand, sometimes also on shingle. It is well known as a sand stabiliser on dune systems, forming low hummocky fore-dunes on the seaward side of the main dunes.

Nationally there has been little change in the distribution of *E. juncea* in recent years. European Southern-temperate element. Restricted to the few sandy shores in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Sanday	NG20	NG265047	18/07/2012	Usher, M.B.
Kilmory, Rum	NG30	NG361038	1997	Scottish Natural Heritage
Samhnan Insir, Rum	NG30	NG378045	23/06/2003	Pearman, D.A., Farrell, L., Jack, S.
Kilmory, Rum	NG30	NG37750441	27/08/2004	Bungard, S.J., Rothero, G.P.
Kilbride Point, Skye	NG36	NG3766	22/07/1968	Birks, H.J.B.
Muck	NM47	NM47	18/07/1973	Roger, J.G., Brownlie, J.C., Prain, A.
Laig Bay, Eigg	NM48	NM470881	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L. McIntosh, J., Moss, G., Scott, R.

**Islands:** Canna, Eigg, Muck, Rum, Skye.

Also recorded from Skye NG61, **71**.

Recorded in the vice-county since at least 1938.

**Empetrum nigrum subsp. hermaphroditum** (Hagerup) Böcher  
(*Empetrum hermaphroditum*) Mountain Crowberry

*National Status: Not Scarce, Least Concern.*

*North EbuDES Status: Uncertain.*

A low-growing evergreen shrub, favouring moderately well-drained acidic soils and occurring in dwarf shrub and *Racomitrium* heaths, rock crevices and dry heather moor, including areas of late snow-lie usually above 610 m. Circumpolar Boreo-arctic Montane element. Difficult to distinguish from *Empetrum nigrum* subsp. *nigrum* when not in fruit. In contrast to eastern Scotland, very few plants flower or fruit at high altitude in VC 104 and therefore the records of this subspecies tend to be based on vegetative characters, which many regard as unreliable.

Location	Hectad	Grid Ref	Date	Recorder
Am Mam, Rum	NM39	NM38339868	2004	Strachan, I.M.
Am Mam, Rum	NM39	NM38319865	2004	Strachan, I.M.
Meall Breac, Rum	NM39	NM38569825	2004	Strachan, I.M.

**Islands:** Rum, Skye.

In addition to the records above, this plant has been recorded from Rum, NG30, NM39, 49, Skye NG14, 42, 46, 47, 51, 52, 53, 72, at the hectad level only, though in some cases geographical names could be used to assign a tetrad.

Recorded in the vice-county 1941-2004.

Some plants that are probably this have been seen by the author in Coire na Creiche and elsewhere on Skye, but in the absence of fruit have not been determined with certainty. Pearman et al. (2008) describe all Rum records as dubious. More work required.

**Epilobium anagallidifolium** Lam.

Alpine Willowherb

*National Status: Not Scarce, Least Concern.**North EbuDES Status: Scarce.*

A native very shortly stoloniferous perennial herb, growing in mossy mountain flushes, on steep wet slopes and by streams; sometimes washed down and persisting for a while by streams and rivers at lower altitudes. Nationally under-recorded. Circumpolar Arctic-montane element, with a disjunct distribution. Most VC 104 records are from the Trotternish Ridge.

Location	Hectad	Grid Ref	Date	Recorder
Cuithir burn, crags to N of	NG45	NG466593	03/08/1971	Murray, C.W.
Storr, NW slope of	NG45	NG4854	26/07/1968	Murray, C.W., Birks, H.J.B.
Coire Sgamadal to Storr	NG45	NG4954	16/08/1984	Murray, C.W.
Storr, NW slope of	NG45	NG4954	11/08/1992	Murray, C.W., Birks, H.J.B.
Coire Faoin	NG45	NG49545406	19/08/2007	Bungard, S.J., McIntosh, J.
Bealach Uige, S of	NG46	NG4463	23/08/1975	Murray, C.W.
Coire Amadal, above	NG46	NG4561	05/07/1967	Birks, H.J.B.
Sgurr Mor	NG47	NG4470	05/07/1969	Birks, H.J.B.
Skye	NG71	NG7519	14/08/1973	Birks, H.J.B.
Sgurr na Coinnich, W slope	NG72	NG75812235	23/07/2009	Bungard, S.J.
Sgurr na Coinnich, W slope	NG72	NG75932236	23/07/2009	Bungard, S.J.
Rum	NM39	NM39	03/07/1955	Webster, M.McC.

**Islands:** Rum, Skye.

Also recorded from Skye NG52, 62.

Recorded in the vice-county since 1886.

**Epilobium hirsutum** L.

Great Willowherb

*National Status: Not Scarce, Least concern.**North EbuDES Status: Scarce.*

A tall perennial herb of open habitats, including ditches, marshes, the edges of streams or ponds, damp woodland margins and waste ground. It thrives in wet, fertile, neutral to basic habitats, although it can tolerate dry ground. It spreads from seed, or from branching rhizomes which may result in dense stands. Increased records in Wales, N. England, SW and NW Scotland suggest that it has expanded into these areas. Eurasian Southern-temperate element; widely naturalised outside its native range.

Site	Hectad	Grid Ref	Date	Recorder
Idrigill, Skye	NG36	NG38436377	02/08/2006	Henriksen, M.
Uig Village Hall	NG36	NG39406399	07/08/2010	Bungard, S.J.
Uig, Skye	NG36	NG39496409	07/08/2010	Bungard, S.J.
Satran, Skye	NG43	NG40803131	09/06/2006	Bungard, S.J.

Sluggans, Skye	NG44	NG44S	25/08/2005	Farmer, C.
Portree, Skye	NG44	NG47914369	05/09/2006	Bungard, S.J.
Portree, Skye	NG44	NG48234348	28/07/2008	Bungard, S.J.
Raasay Harbour	NG53	NG54523630	24/06/2012	Bungard, S.J.
Broadford, Skye	NG62	NG63892338	29/04/2007	Bungard, S.J.
Broadford, Skye	NG62	NG65162308	16/08/2011	Bungard, S.J.
Kyleakin, Skye	NG72	NG74232630	03/09/2006	Bungard, S.J.
Kyleakin, Skye	NG72	NG74762646	24/03/2007	Bungard, S.J.
Laig Bay, Eigg	NM48	NM47068899	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L., McIntosh, J., Moss, G., Scott R.

**Islands:** Eigg, Raasay, Skye.  
Also recorded from Skye NG24, 60.  
Recorded in the vice-county since 1997.

**Epilobium parviflorum** Schreb.

Hoary Willowherb

*National Status:* Not Scarce, Least Concern.  
*North EbuDES Status:* Scarce.

A native perennial herb, most frequent in marshes, fens, streamsides and other disturbed wet places, spreading by air-borne seed. However, the species will also grow in dry habitats, including quarries, banks and waste ground and as a street weed. Nationally there is no evidence of significant recent change in the range of *E. parviflorum*. European Temperate element. Perhaps little more than a casual in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1939	Heslop Harrison, J.W.
Port Gobhlaig, Skye	NG47	NG4375	14/07/1968	Murray, C.W.
Elgol, Skye	NG51	NG5214	06/08/1997	Murray, C.W.
W. Suisnish, Raasay	NG53	NG5535	21/07/2000	Bungard, S.J.
South Raasay	NG53	NG5938	1957	Webster, M.McC.
Holm, Skye	NG55	NG5151	17/08/1993	Murray, C.W.
Acairseid Thioram, Rona	NG65	NG6257	24/08/1994	Bungard, S.J., Murray, C.W.
Cleadale, Eigg	NM48	NM4789	26/08/1999	Bevan, J., Braithwaite, P.F. Murray, C.W., Thompson

**Islands:** Canna, Eigg, Raasay, Rona, Rum, Skye.  
Also recorded from Eigg/Rum NM49, Rum NM39 and No Grid Ref, Skye NG42, 61.  
Recorded in the vice-county since 1938.

**Epipactis atrorubens** (Hoffm.) Besser

Dark-red Helleborine

*National Status: Scarce, Least Concern.**North EbuDES Status: Not Scarce.*

A native perennial herb found mostly on bare rock or well-drained skeletal soils overlying limestone. Habitats include exposed scree slopes, open grassy banks, shaded grikes of limestone pavements and ledges on cliff and quarry faces. Reproduction is by seed but most populations are small and often include many non-flowering plants. Nationally the overall distribution of *E. atrorubens* is stable. Eurosiberian Boreo-temperate element. On the limestone of Raasay and Strath, Skye, plus a population at Berraraig Bay discovered in 1996.

Location	Hectad	Grid Ref	Date	Recorder
Camas Malag	NG51	NG586184	22/06/2000	Peppé, D., Peppé, W.D.
Allt nan Leac, above	NG51	NG5918	03/08/1962	Slack, A.A.P.
Leac nan Craobh	NG52	NG57392009	24/05/2010	Bungard, S.J.
Leac nan Craobh, Torrin	NG52	NG574201	19/07/1974	Ward, S.D.
Dun Beag,	NG52	NG57512002	07/09/2002	Halcrow, V.M.
Raasay	NG53	NG58463855	02/08/2010	Bungard, S.J.
Beinn na Lice, Raasay	NG53	NG59533749	23/07/2010	Bungard, S.J.
North Fearnas	NG53	NG59593695	22/07/2004	Bungard, S.J.
Screapadal	NG54	NG57874386	23/08/2004	Bungard, S.J.
Raasay	NG54	NG58154089	10/08/2008	Bungard, S.J.
Raasay, E coast cliffs	NG54	NG58254372	24/07/2007	Bungard, S.J.
Screapadal, S of, Raasay	NG54	NG58264309	23/08/2004	Bungard, S.J.
Druim an Aonaich, Raasay	NG54	NG58314277	23/08/2004	Bungard, S.J.
Druim an Aonaich, Raasay	NG54	NG58324150	27/06/2010	Bungard, S.J.
Druim an Aonaich, Raasay	NG54	NG58364236	23/08/2004	Bungard, S.J.
Druim an Aonaich, Raasay	NG54	NG58384230	23/08/2004	Bungard, S.J.
Raasay	NG54	NG5843	21/06/1994	Bungard, S.J.
Berraraig Bay	NG55	NG51855379	08/06/2011	Bungard, S.J., Walls, K., Parker, K.
Berraraig Bay	NG55	NG51865382	08/06/2011	Bungard, S.J., Walls, K., Parker, K.
Berraraig Bay	NG55	NG51865384	08/06/2011	Bungard, S.J., Walls, K., Parker, K.
Berraraig Bay	NG55	NG51875386	07/09/2006	Bungard, S.J.
Kilchrist, SW of	NG61	NG60581840	23/08/2011	Bungard, S.J.
Suisnish, track to	NG61	NG606185	13/07/1997	Peppé, D., Peppé, W.D.
Kilchrist, SW of	NG61	NG60691843	23/08/2011	Bungard, S.J.
Allt nan Leac, upper	NG61	NG60691845	25/09/2002	Halcrow, V.M.
Strath Suardal	NG61	NG607184	13/09/1999	Averis, A.B.G. & A.M.
Kilchrist, SW of	NG61	NG60751845	23/08/2011	Bungard, S.J.
Kilchrist, SW of	NG61	NG60851848	23/08/2011	Bungard, S.J.
Kilchrist, SW of	NG61	NG60901848	23/08/2011	Bungard, S.J.

Beinn an Dubhaich, SE of, Suardal	NG61	NG610188	05/07/1974	Ward, S.D.
Kilchrist, S of	NG61	NG61251902	07/09/2002	Halcrow, V.M.
Tokavaig Wood	NG61	NG613123	24/06/1966	Stirling, A.McG.
Suardal	NG61	NG622194	24/06/2000	Peppé, D., Peppé, W.D.
Ben Suardal, S of	NG61	NG63081972	20/09/2002	Halcrow, V.M.
Strath Suardal	NG61	NG631198	13/09/1999	Averis, A.B.G. & A.M.
Strath Suardal	NG61	NG631199	13/09/1999	Averis, A.B.G. & A.M.
Ben Suardal	NG62	NG628214	08/08/1990	Currie, M.
Ben Suardal	NG62	NG631208	08/08/1990	Currie, M.
Ben Suardal	NG62	NG6320	23/08/2008	Porter, M.

**Islands:** Raasay, Skye.

Recorded in the vice-county since 1915.

**Epipactis helleborine** (L.) Crantz

Broad-leaved Helleborine

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Uncertain.*

A rhizomatous perennial herb of calcareous to slightly acidic soils. Habitats include coniferous and deciduous woodland, hedgerows, shady banks, streamsides, roadsides, *Alnus* carr, dune-slacks, limestone pavement and screes. It may invade secondary woodland and also occurs in urban habitats, particularly abandoned gardens. Nationally the distribution is stable. Eurasian Temperate element; widely naturalised outside its native range. In VC 104, recorded from part of the same area as the preceding species in Strath. Some records may be the result of misidentification of vegetative *E. atrorubens*. There is an extant site near Erbusaig on the mainland not far from Skye.

Location	Hectad	Grid Ref	Date	Recorder
Dun Beag, Torrin	NG52	NG5720	26/08/1978	Murray, C.W.
Leac nan Craobh, SW of Torrin	NG52	NG575200	13/09/1999	Averis, A.B.G. & A.M.
Ord, An Acarsaid	NG61	NG6113	11/08/1982	Mclnnes, E.
Strath Suardal	NG61	NG607184	13/09/1999	Averis, A.B.G. & A.M.

**Islands:** Skye only.

Also recorded from NG51, 62.

Recorded in the vice-county since 1957.

**Equisetum hyemale** L.

Rough Horsetail, Dutch Rush

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

Native evergreen herb, growing in permanently moist soils, typically in shady woodland beside streams and rivers. Also occurs in flushes and on sand dunes. Nationally although many sites were lost to drainage, many new sites are known due



to better recording. Circumpolar Boreo-temperate element. Colonies in VC 104 range from a few stems on the banks of a loch to large thickets on sea cliffs.

Location	Hectad	Grid Ref	Date	Recorder
Abhainn a'Ghlinne, Geary	NG26	NG26226296	01/06/2006	Bungard, S.J.
Abhainn a'Ghlinne, Geary	NG26	NG26346298	01/06/2006	Bungard, S.J.
R Hinnisdal, edge of	NG35	NG387573	19/07/1981	Page, C.N.
Glen Brittle, NW An Sgumain, Skye	NG41	NG4219	15/05/1971	Murray, C.W.
Penifiler road, Skye	NG44	NG44V	01/05/2004	Farmer, C.
R Haultin, edge of	NG45	NG421513	14/02/1997	Murray, C.W.
Lon Mor, below Keistle	NG45	NG4351	01/05/1977	Murray, C.W. & R.M.
Rigg, nr, Skye	NG55	NG52215768	08/07/2009	Bungard, S.J.
Loch nan Dubhrachan	NG61	NG67621036	24/05/2010	Bungard, S.J.
Abhainn Sgathaig, Rum	NM39	NM36179671	22/06/2003	Braithwaite, M.E., Farrell, L.
Abhainn Fiachanis, Rum	NM39	NM39M	1965	Eggeling, W.J.
Long Loch, S of, Rum	NM39	NM39U	1965	Eggeling, W.J.
Allt Beinn nan Stac, Rum	NM49	NM49C	1944	Cooke, R.B.

**Islands:** Rum, Skye.

Recorded in the vice-county since 1868.

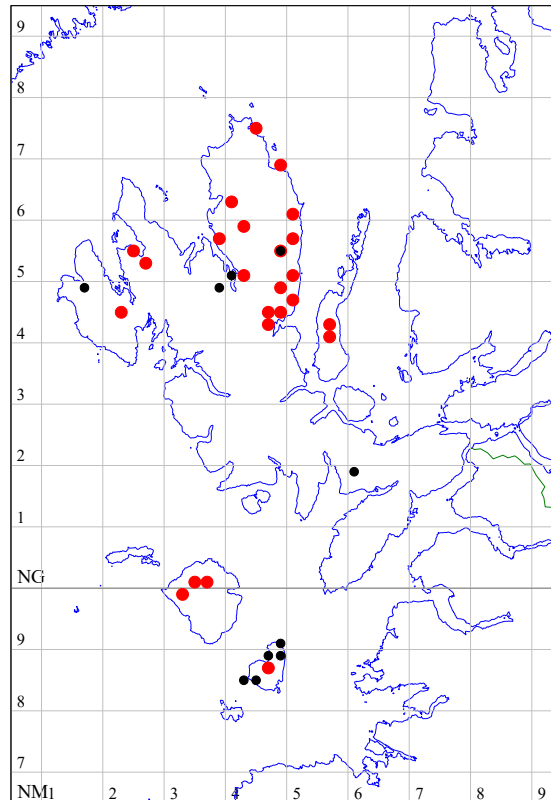
### **Equisetum pratense** Ehrh.

Shady Horsetail

*National Status: Scarce, Least Concern.*

*North Ebuades Status: Not Scarce.*

A native evergreen herb, typically found on sloping sites where the substrate is derived from calcareous alluvial silts or sand, especially lightly wooded stream banks in the lower parts of upland valleys. It can also extend onto open moorland, and is found on grassy slopes beneath base-rich upland cliffs. Although most populations are long-lived, cone production is usually very poor, possibly because of climatic conditions, this may mean that the species is in slow decline. Circumpolar Boreal-montane element. Widespread though not common in VC 104, most typically on the banks of burns.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Eigg, Raasay, Rum, Skye.

Recorded in the vice-county since at least 1947.

**Equisetum variegatum** Schleich. ex F. Weber and D. Mohr. Variegated Horsetail

*National Status: Scarce, Least Concern.*

*North Ebrides Status: Scarce*

Native evergreen herb, found in widely varying habitats; dune slacks, river shingles and flushes. It is a calcicole and a poor competitor; its sites are usually open and often winter-flooded. Nationally there may be evidence of some decline, but the position is obscured as so many sites have been discovered since the 1960s. Upland sites are sensitive to over-stocking, whilst lowland populations have been lost due to drainage and sand dune development. Circumpolar Boreo-arctic Montane element. Very uncommon in flushes and similar habitats in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
An Garbh-choire to Loch Coruisk	NG41	NG4719	06/07/1978	Bowman, J., Bowman, D.
Storr Lochs, W of	NG45	NG493501	05/10/1999	Murray, C.W., Fallowfield, K.
Bearraraig River, W side	NG55	NG5152	22/06/1991	Murray, C.W., Murray, N.J.
Bearraraig Waterfall	NG55	NG516526	03/10/1987	Murray, C.W.
Meall Breac, W of	NM39	NM38319811	16/06/2003	Rothero, G.P., Farrell, L.
Meall Breac, W of	NM39	NM38389828	16/06/2003	Rothero, G.P., Farrell, L.
Loch Meall Breac	NM39	NM383983	25/06/2003	Rothero, G.P., Farrell, L.

Meall Breac	NM39	NM384985	2003	Rothero, G.P., Farrell, L.
Coire Dubh	NM39	NM3998	1983	Page, C.N.
Barkeval	NM39	NM39T	1947	Heslop Harrison, J.W. et al.
Beinn nan Stac, near	NM39	NM39X	1942	Heslop Harrison, J.W., et al.

**Islands:** Rum, Skye.

Also recorded from Skye NG36. Records from Rum NG30 have not been included as Pearman et al. (2008) suggest that records from the dunes at Kilmory are based on the large population later recognised as *E. × trachyodon*. A record from a sandy exposure at Glen Guirdil, NG30F, was also not accepted by Pearman in view of the possibility that it might also be the hybrid.

Recorded in the vice-county since 1938; first accepted record 1942.

**Equisetum x font-queri** Rothm.  
(*Equisetum palustre x telmateia*)

Font-Quer's Horsetail

*National Status: Not listed, Not Listed.*

*North Ebudes Status: Scarce but Locally Abundant.*

A native rhizomatous evergreen herb found in a wide range wet flushed terrain as well as colonising roadside verges, ditches and streams. First discovered in the British Isles on Skye in 1968. It may be sterile and spread by rooting stem and rhizome fragments. However, it regularly produces what appear to be viable spores. Forms large spreading colonies near the A855 and on the coastal plain below.

Location	Hectad	Grid Ref	Date	Recorder
Skye	NG55	NG500560	23/07/2005	Farmer, C.
Storr, gate of path to	NG55	NG5052	24/06/1998	Murray, C.W., MacPherson, P.
Storr, road below	NG55	NG511532	1971	Page, C.N.
Skye	NG55	NG513562	23/07/2005	Farmer, C.
Bearraraig River	NG55	NG5152	22/06/1991	Murray, C.W., Murray, N.J.
Bearraraig Bay	NG55	NG5155305	08/06/2011	Bungard, S.J., Walls, K., Parker, K.
Rigg	NG55	NG5157	29/05/1988	Murray, C.W., Murray, C.
Rigg	NG55	NG517568	01/07/1971	Page, C.N.
Culnacnoc, S of	NG56	NG51696145	28/06/2005	Bungard, S.J.

**Islands:** Skye only.

Recorded in the vice-county since 1968.

**Equisetum x trachyodon** A. Braun  
(*Equisetum hyemale x variegatum*)

Mackay's Horsetail

*National Status: Not listed, Not Listed.*

*North Ebudes Status: Scarce.*

A native rhizomatous evergreen herb found in a range of mostly base-rich habitats, often in the absence of both parents. It grows in dune-slacks, on flushed sandy riverbanks, and in peaty turf in coastal machair. It is sterile and spreads by rooting

stem and rhizome fragments. Nationally the distribution of *E. x trachyodon* is apparently stable. Widespread in C. & N. Europe and N. America. Present in quantity, and even locally dominant, on the flat floors of hollows in dunes at Kilmory, Rum. In smaller quantities on the edge of the River Hinnisdale, Skye.

Location	Hectad	Grid Ref	Date	Recorder
Kilmory Dunes, Rum	NG30	NG36210372	23/08/2004	Bungard, S.J., Farrell, L.
Kilmory Dunes, Rum	NG30	NG36350375	17/06/2003	BSBI Field Meeting
Kilmory Dunes, Rum	NG30	NG36470384	27/08/2004	Strachan, I.
Kilmory Dunes, Rum	NG30	NG36480378	23/06/2003	BSBI Field Meeting
Kilmory Dunes, E end	NG30	NG36510393	23/06/2003	BSBI Field Meeting
Kilmory Dunes, E end	NG30	NG36590406	17/06/2003	BSBI Field Meeting
Hinnisdale River, left bank	NG35	NG388573	23/07/2002	Lubienski, M.
R. Hinnisdal, Skye	NG35	NG392574	27/11/1974	Murray, C.W.
Glen Hinnisdale, Skye	NG45	NG41685827	30/07/2009	Bungard, S.J.
Glen Hinnisdale, Skye	NG45	NG41695827	30/07/2009	Bungard, S.J.
Glen Hinnisdale, Skye	NG45	NG41745825	30/07/2009	Bungard, S.J.
Glen Hinnisdale, Skye	NG45	NG42615822	16/09/2009	Bungard, S.J.
R. Hinnisdale, edge of	NG45	NG427584	17/01/1980	Murray, C.W.

**Islands:** Rum, Skye.

Recorded in the vice-county since 1960 (Rum).

**Eriocaulon aquaticum** (Hill) Druce

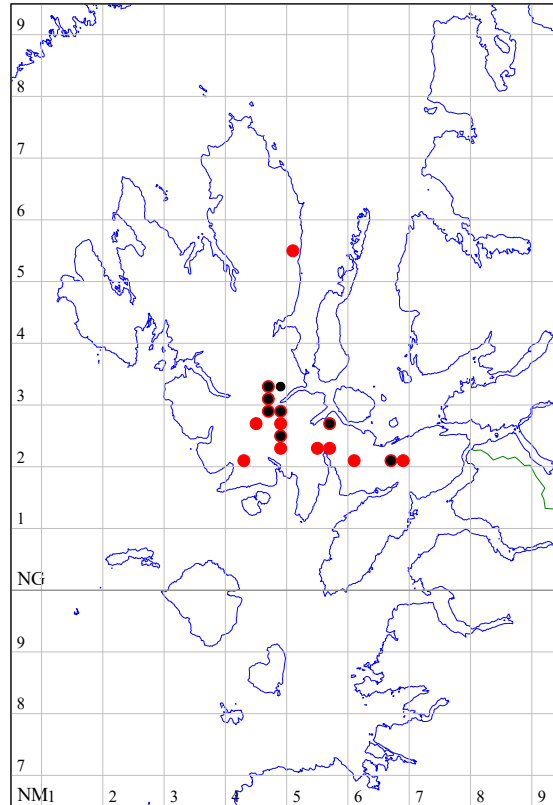
Pipewort

*National Status: Rare, Least Concern.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North EbuDES Status: Not Scarce.*

A native, the perennial rosettes of *E. aquaticum* grow on peat or on inorganic substrates at the edge of oligotrophic lakes and pools. It ranges from levels which are often exposed above the water to those which are permanently submerged. Little is known about its reproductive ecology. Oceanic Boreal-montane element; in Europe restricted to west of Scotland and Ireland but widespread in N. America. Abundant in some loch especially in the Sligachan area of Skye.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Skye only.

Recorded in the vice-county since 1764.

Record in NG55 (Loch Scamadail) requires confirmation.

**Erodium cicutarium** (L.) L'Hér.

Common Stork's-bill

*National Status: Not Scarce, Least Concern.*

*North Ebrides Status: Scarce.*

An annual of well-drained sandy and rocky places, sand dunes, summer-parched grasslands and heaths; also found on roadsides, stone walls and railway ballast, and commonly as wool aliens. Eurosiberian Southern-temperate element, but widely naturalised so that distribution is now Circumpolar Southern-temperate. VC 104 sites are all coastal.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG25430535	13/06/2009	Bungard, S.J.
Kilmory, Rum	NG30	NG36100389	23/06/2003	Pearman, D.A., Farrell, L., Jack, S.
Kilmory, Rum	NG30	NG36190374	23/08/2004	Bungard, S.J., Farrell, L.
Kilmory, Rum	NG30	NG365043	1998	Scottish Natural Heritage
Samhnan Insir	NG30	NG37750441	27/08/2004	Bungard, S.J., Rothero, G.P.
Samhnan Insir	NG30	NG378045	2003	Pearman, D.A., Farrell, L., Jack, S.
Dunsaith, Sleat	NG51	NG5912	02/10/1988	Murray, N.J.

Harris, Rum	NM39	NM39H	1938	Heslop Harrison, J.W. et al.
Laig Bay, Eigg	NM48	NM48U	1938	Heslop Harrison, J.W. et al.
Poll nam Partan	NM48	NM48X	1938	Heslop Harrison, J.W. et al.
Am Maol, Muck	NM48	NM42658043	13/08/2009	Bungard, S.J.

**Islands:** Canna, Eigg, Muck, Rum, Skye.  
Also recorded from Skye NG26, 36.  
Recorded in the vice-county since 1938.

### **Eryngium maritimum** L.

Sea-holly

*National Status: Not Scarce, Least Concern.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebudes Status: Extinct.*

Native perennial herb occurring on coastal sites, mainly on mobile dunes and occasionally on shingle. Although known in Scotland before 1930 it seems to have almost disappeared from most of its sites there. This species disappeared from most of its sites in NE England and E. Scotland before 1930, for reasons which are unclear. There has evidently been some further national decline since then. European Southern-temperate element. One record from Eigg or Muck.

Location	Hectad	Grid Ref	Date	Recorder
North Ebudes	NM48	NM48	1894	Macvicar, S.M.

**Islands:** Eigg or Muck.  
Only record from 1894.

### **Euphorbia helioscopia** L.

Sun Spurge

*National Status: Not Scarce, Least Concern.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebudes Status: Scarce*

An annual archaeophyte growing in cultivated and disturbed ground in gardens, on waste ground and in arable fields, particularly with root and leaf crops. It thrives on dry, well-drained, neutral to base-rich soils in sun-warmed situations. The seeds may be dispersed by ants. There has been no recent change in the overall distribution of this species there appears to be a decline at the edges of its range. As an archaeophyte *E. helioscopia* has a Eurasian Southern-temperate distribution, but it is naturalised in N. America so its distribution is now Circumpolar Southern-temperate.

Site	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1961	Schools Expedition
Roag area, Skye	NG24	NG24R	11/08/2006	Bungard, S.J.

Trumpan area, Skye	NG26	NG26F	16/08/1996	Muscott, J., et al.
Portree, Skye	NG44	NG44W	01/09/2004	Farmer, C.
Tarskavaig, Skye	NG50	NG50Z	14/06/2006	Bungard, S.J.
Raasay House	NG53	NG5436	17/05/1999	Bungard, S.J.
Suisnish Point, Raasay	NG53	NG551350	03/07/2006	Bungard, S.J.
Cemetery, nr, Raasay	NG53	NG5537	05/07/2006	Bungard, S.J.
Balachuirn, Raasay	NG54	NG5540	30/08/1996	Bungard, S.J.
Dunringell, W of, Skye	NG72	NG7326	07/07/1978	Webster, M.McC.
Eigg	NM48	NM48	Jul 1972	Murray, C.W.
Kinloch, Rum	NM49	NM49E	1975	Corkhill, P.
Muck	-	Unknown	1938	Heslop Harrison, J.W. et al.

**Islands:** Canna, Eigg, Muck, Raasay, Rum, Skye.

Also recorded from Skye NG14, 15, **25**, 34, 35, **36**, 42, 45, 51, **52**, 62.

Recorded in the vice-county since 1868.

**Euphrasia foulaensis** F Towns. Ex Wettst.

Foula Eyebright

*National Status:* Scarce, Data Deficient.

*North Ebudes Status:* Uncertain.

A native annual occurring in damp, open turf on coastal cliff-tops, and at the upper fringe of saltmarshes. Its cliff-top sites are subject to sea spray, but it avoids the most exposed sites. *E. foulaensis* seems unable to survive in rank turf, and grazing by sheep or rabbits is essential for its survival. Nationally some sites have been lost through agricultural improvement or the cessation of grazing, but an apparent decline may rather reflect the lack of recent critical recording. Oceanic Boreal-montane element. Records in VC 104 are unsatisfactory, though suitable habitat is not in short supply.

Location	Hectad	Grid Ref	Date	Recorder
Kilmory, Rum	NG30	NG361039	1982	Fremlin, J.
Kilmory, Rum	NG30	NG365042	1982	Fremlin, J.
Hallival, Rum	NM39	NM3996	1965	Eggeling, W.J.
Rubh'an Tangaird, Eigg	NM48	NM48R	11/07/1939	Callen, E.O.

**Islands:** Eigg, Rum.

Regarding the Rum records, Pearman et al. (2008) say: “ ‘Forms, probably correctly assigned to this’ were recorded by [Heslop Harrison] from Rum and three subsequent collections from the island were confirmed by Pugsley (1946) but he did not specify the localities either. Park collected one specimen in 1949 from Hallival which he named as this species (BM) but P. F. Yeo declined to determine it, simply labelling it “*Euphrasia* ?”. Whether or not this is the basis of the record from Hallival [below] is unknown. The only other records are by Fremlin, from Kilmory, 361039 and 365042, in 1982. The absence of any confirmed localised record is unsatisfactory but the species is accepted here on the basis of Pugsley’s determinations. We regard the other records as doubtful.”

**Euphrasia frigida** Pugsley

Upland Eyebright

*National Status: Not Scarce, Data Deficient.**North Ebudes Status: Scarce.*

An annual of damp or wet, usually rather basic, cliff ledges. It occurs at 200 m on Foula (Shetland), but is usually found above 400 m, reaching 1190 m on Aonach Beag (Westernness). Eurosiberian Arctic-montane element; also in N. America.

Site	Hectad	Grid Ref	Date	Recorder
Monadh Dubh, Rum	NG30	NG30L	1943	Cooke, R.B.
Fionchra, Rum	NG30	NG3300	Jul 1956	Halliday, G.
Fionchra, base of NE cliff	NG30	NG339004	1954	Cole, J.A.
Fionchra, E side	NG30	NG340004	1954	Cole, J.A.
Doire-nam-bo, Soay	NG41	NG451141	1961	Sinker, C.A.
Bealach Hartaval, Skye	NG45	NG4755	05/08/1967	Murray, C.W.
Storr, N of summit, Skye	NG45	NG4954	10/09/1973	Murray, C.W.
Coire Scamadail to Storr	NG45	NG4954	10/09/1973	Murray, C.W.
Glamaig, Skye	NG53	NG5130	03/09/1993	Murray, C.W.
Loch Meall Daimh, Raasay	NG54	NG5740	03/07/1969	Murray, C.W.
Ruinsval, Rum	NM39	NM39L	1938	Heslop Harrison, J.W. et al.
Askival, Rum	NM39	NM39X	1995	Silverside, A.J.
Beinn Tighe, loch S of, Eigg	NM48	NM48	20/07/1939	Callen, E.O.

**Islands:** Eigg, Raasay, Rum, Skye.

Also recorded from Skye NG51.

Recorded in the vice-county since 1938.

**Euphrasia heslop-harrisonii** Pugsley

Heslop-Harrison's Eyebright

*National Status: Rare, Least Concern.**Scottish Biodiversity List of species of principal importance for biodiversity conservation.**North Ebudes Status: Scarce (Rare?)*

An endemic annual largely restricted to turfey areas in saltmarshes immediately above the high water mark, where it is associated with *Plantago* spp. More rarely it occurs on grassy banks in the spray zone. This species was described by Pugsley in 1945 from material collected by Heslop Harrison at Kinloch, Rum in 1943. This species was poorly known until clarified in 1978, but may still be under-recorded. *E. heslop-harrisonii* is dependent on the continuation of grazing of its saltmarsh habitat. It now seems to have gone from the original site on Rum.

Location	Hectad	Grid Ref	Date	Recorder
Fionchra, below NE cliff	NG30	NG339005	19/08/1954	Cole, J.A.
Rum, Camas Pliasgaig	NG40	NG4002	1945	Park, K.J.F.
Kensaleyre, Skye	NG45	NG417517	30/07/1995	Lusby, P.S.



Kensaleyre, Skye	NG45	NG418517	30/07/1995	Lusby, P.S.
Kensaleyre, Skye	NG45	NG418518	16/06/1999	Oliver, C.
Ardnish, Skye	NG62	NG674238	15/06/1999	Oliver, C.
Ardnish, Skye	NG62	NG677243	30/07/1995	Lusby, P.S.
Ardnish, Skye	NG62	NG678243	30/07/1995	Lusby, P.S.
Ardnish, Skye	NG62	NG679242	10/08/1982	Silverside, A.J.
Ardnish, Skye	NG62	NG679243	10/08/1982	Silverside, A.J.
Acairseid Thioram, Rona	NG65	NG61855833	17/07/2007	Bungard, S.J.
Acairseid Thioram, Rona	NG65	NG6258	24/08/1994	Bungard, S.J., Murray, C.W.
Loch Scresort, S shore, Rum	NM49	NM4099	Aug 1995	Silverside A.J., Lusby, P.S.
Loch Scresort, S shore, Rum	NM49	NM410991	16/08/1995	Silverside A.J., Lusby, P.S.

**Islands:** Rona, Rum, Skye.

Recorded in the vice-county since 1943.

Perhaps under-recorded. The Fionchra plants were determined by Pugsley and Yeo but are distant from the coast, yet Silverside views this species as a strictly coastal, saltmarsh species. As Pearman et al. (2008) note “Clearly either the identity of these specimens or the current view of the ecology of the species is erroneous.” Specimens from all Rona and Skye sites have been determined by Silverside.

**Euphrasia marshallii** Pugsley

Marshall’s Eyebright

*National Status: Rare, Endangered.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebuades Status: Unclear/Rare.*

An endemic annual of coastal rocks and eroding sea-cliff edges below maritime *Calluna vulgaris*-*Empetrum nigrum* heath. *Plantago* spp., particularly *P. maritima*, are constant associates and may act as hosts. Lowland. First described in 1929, past confusion with other species and current under-recording make it difficult to assess its national distribution. However, populations appear to be relatively stable with only limited losses through cultivation of cliff-tops. Perhaps under-recorded in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Admore Point, Skye	NG25	NG2159	09/08/1982	Silverside, A.J.
Ard Beag, Ardmore, Skye	NG26	NG217608	09/08/1982	Silverside, A.J.
Duntulm Castle, Skye	NG47	NG4074	08/08/1982	Silverside, A.J.
Eigg Harbour	NM48	NM48	10/07/1939	Callen, E.O.

**Islands:** Eigg, Skye.

Recorded in the vice-county since 1939.

**Euphrasia nemorosa** (Pers.) Wallr.

Common Eyebright

*National Status: Not Scarce, Least concern.**North Ebudes Status: Scarce?*

An annual occurring in short grasslands, on heaths, downs and dunes, in open scrub, woodland rides and upland moorlands. It is absent from agriculturally improved land. It is the most common and ecologically diverse of our eyebrights, becoming more restricted to calcareous soils at low altitudes in the north. However, it forms hybrids with many other *Euphrasia* species, and introgressed populations can be locally abundant, making identification difficult. European Temperate element. Probably not scarce in lowland area of the vice-county but more work needed.

Site	Hectad	Grid Ref	Date	Recorder
Kilmory Bay, Rum	NG30	NG30R	1938	Heslop Harrison, J.W., et al.
Storr, Skye	NG45	NG4954	23/08/1953	Walters, S.M.
Loch Slapin, Skye	NG52	NG5622	07/07/1969	Birks, H.J.B.
Cemetery, Raasay	NG53	NG55043698	05/08/2007	Bungard, S.J., Newton, A.
Loch Meodal, Skye	NG61	NG61K	28/06/1969	Birks, H.J.B.
Ben Suardal, Skye	NG62	NG62F	27/06/1969	Birks, H.J.B.
Corry Lodge, Broadford	NG62	NG6424	26/06/1969	Birks, H.J.B.
Camus Croise, Skye	NG71	NG71A	17/07/2005	Bungard, S.J. & BSBI Party
Muck	NM38	NM38	1970	Anon.
Ruinsival, Rum	NM39	NM39M	1951	Morton, J.K.
Eigg	NM48	NM48	09/07/1939	Callen, E.O.
Loch Scresort, Rum	NM49	NM49E	1938	Heslop Harrison, J.W. et al.

**Islands:** Eigg, Muck, Raasay, Rum, Skye.

Also recorded from Skye NG14, 23, 33, 34, 42, 47, 72.

Recorded in the vice-county since 1915.

**Euphrasia ostenfeldii** (Pugsley) Yeo

Ostenfeld's Eyebright

*National Status: Scarce, Data deficient.**North Ebudes Status: Not Scarce.*

This native annual occurs in sparsely vegetated areas in very well-drained, exposed habitats, including dry limestone rock ledges, eroding sea-cliffs, fine-gravel screes, bare serpentine debris and sandy coastal turf. The current taxonomic treatment of this species only dates from 1971 and *E. ostenfeldii* is therefore under-recorded. Oceanic Boreo-arctic Montane element.

Location	Hectad	Grid Ref	Date	Recorder
Neist Point	NG14	NG1247	06/08/1970	Murray, C.W.
Fionchra, Rum	NG30	NG3300	1995	Silverside, A.J.
Fionchra, NE flank, Rum	NG30	NG341003	19/07/1966	David, R.W.
Rubha na Roinne, Rum	NG40	NG4200	1995	Silverside, A.J.

Lon Coire na h-Airigh	NG44	NG484487	01/09/1968	Murray, C.W.
Coire Faoin, Skye	NG45	NG49585362	29/08/2004	Halcrow, V.M.
Trotternish Ridge	NG45	NG49585362	01/08/2009	Green, I.P., Macdonald, T.
Trotternish Ridge	NG45	NG49605403	01/08/2009	Green, I.P., Macdonald, T.
Trotternish Ridge	NG45	NG49665457	01/08/2009	Green, I.P., Macdonald, T.
Trotternish Ridge	NG45	NG49775370	01/08/2009	Green, I.P., Macdonald, T.
Trotternish Ridge	NG45	NG49905391	01/08/2009	Green, I.P., Macdonald, T.
Old Man of Storr	NG45	NG499539	07/08/1982	Silverside, A.J., Jackson, E.H.
Beinn Edra, Skye	NG46	NG45706242	01/08/2009	Green, I.P., Macdonald, T.
Loch Storab, Raasay	NG53	NG5638	19/08/1937	Cooke, R.B.
Storr	NG55	NG50195411	24/08/2004	Halcrow, V.M.
Old Man of Storr	NG55	NG502540	07/08/1982	Silverside, A.J., Jackson, E.H.
The Storr	NG55	NG510540	10/08/2001	Hollingsworth, P.M.
Beinn na Caillich, Kylerhea	NG72	NG7723	20/08/1973	Murray, C.W.
Ruinsival, N side, Rum	NM39	NM3594	01/07/1956	Halliday, G.
Ainshval, Rum	NM39	NM378943	24/08/2004	Rothero, G.P.
Glen Dibidil, head of, Rum	NM39	NM380949	24/08/2004	Bungard, S.J., Preston, C.D., Pearman, D.A.
Hallival, NW shoulder, Rum	NM39	NM393965	19/08/1954	Cole, J.A.
Hallival, E slopes, Rum	NM39	NM398964	20/07/1966	David, R.W.
Askival, Rum	NM39	NM3995	24/08/2004	McIntosh, J., Lambdon, P.W.
Orval, Rum	NM39	NM39J	1995	Silverside, A.J.
Ruinsival, Rum	NM39	NM39L	1995	Silverside, A.J.
Trallval, E slopes, Rum	NM39	NM39S	24/08/2004	Bungard, S.J., Preston, C.D., Pearman, D.A.
Barkeval, Rum	NM39	NM39T	1995	Silverside, A.J.
Eigg, nr harbour	NM48	NM4884	10/07/1939	Callen, E.O.

**Islands:** (Eigg), (Raasay), Rum, Skye.

Also recorded from Raasay/Skye NG54.

Recorded in the vice-county since 1909, but records before 1971 refer to an earlier taxonomy.

**Euphrasia tetraquetra** (Breb.) Arrond.

Western Eyebright

*National Status: Not Scarce, Data deficient.*

*North Ebudes Status: Scarce.*

A native annual of short turf on exposed coastal cliffs and sand dunes, but also locally inland on chalk and limestone pastures. This species is often confused with other *Euphrasia* taxa, particularly in N. Scotland and this is reflected in its known national distribution. Oceanic Temperate element. Perhaps under-recorded in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Sanday	NG20	NG265047	18/07/2012	Usher, M.B.
Kilmory Bay, Rum	NG30	NG30R	1938	Heslop Harrison, J.W. et al.

Loch Brittle, Skye	NG41	NG4019	1955	Boniface, R.A.
Duntulm Castle, nr, Skye	NG47	NG47C	09/09/1962	Muirhead, C.W.
Ardnish, Skye	NG62	NG6724	22/08/1955	Marsh, P.

**Islands:** Canna, Eigg/Muck, Rum, Skye.

Also recorded from Eigg/Muck NM48, Eigg/Rum NM49.

Recorded in the vice-county since 1938.

**Fallopia convolvulus** (L.) Á. Löve

Black-bindweed

*National Status:* Not Scarce, Least concern.

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebeudes Status:* Scarce.

An annual archaeophyte found in arable land, gardens, waste places, rubbish tips and on roadsides. This species has been a weed of cultivation since the Neolithic era, and it was formerly the major contaminant of agricultural seed in Britain. The widespread decline in N. England and Scotland has occurred since 1950, possibly as marginal cultivations are abandoned. As an archaeophyte *F. convolvulus* has a Eurosiberian Wide-temperate distribution, but it is widely naturalised so that its distribution is now Circumpolar Wide-temperate.

Site	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1950	Anon.
Kilmory, Rum	NG30	NG30R	1938	Heslop Harrison, J.W. et al.
Lynedale House, Skye	NG35	NG3654	01/09/1978	Murray, C.W.
Glenbrittle, Skye	NG42	NG4020	30/08/1972	Birks, H.J.B., Murray, C.W.
Uigshader, Skye	NG44	NG4246	18/07/1974	Murray, C.W.
Gillean, Skye	NG50	NG50Z	25/07/1970	Murray, C.W.
Gillean Burn, Skye	NG50	NG587089	24/06/1966	Stirling, A.McG.
West Suisnish, Raasay	NG53	NG553355	12/08/1991	Bungard, S.J.
Cemetery, nr, Raasay	NG53	NG5537	05/07/2006	Bungard, S.J.
Rona	NG65	NG65	1936	Heslop Harrison, J.W. et al.
Port Mor House, Muck	NM47	NM4279	10/06/1995	Bevan, J., Braithwaite, P.F., Murray, C.W.
Toaluinn, Muck	NM48	NM4180	1985	Dobson, R.H., Dobson, R.M.
Laig, Eigg	NM48	NM4688	17/07/1972	Murray, C.W.
Kinloch, Rum	NM49	NM402992	25/08/2004	Pearman, D.A., Walker, K.J.
Scalpay	-	Unknown	1936	Heslop Harrison, J.W. et al.

**Islands:** Canna, Eigg, Muck, Raasay, Rona, Rum, Scalpay, Skye.

Also recorded from Skye NG36, 54, 62.

Recorded in the vice-county since 1884.

**Ficaria verna subsp. verna** Huds.  
(**Ranunculus ficaria subsp. bulbifer**)

Lesser Celandine

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

A native perennial herb, typically found in more disturbed habitats than subsp. *fertilis*. It is often abundant on the sides of streams and rivers, growing below or just above the level of winter flooding, and is also found as a weed in churchyards and gardens. It is largely sterile, but bears tuberous bulbils in the leaf axils which are its main method of dispersal. Probably under-recorded. European Temperate element. In VC 104 subsp. *fertilis* is common everywhere at low to moderate altitudes but subsp. *verna* is only known in 'big house' gardens. Probably introduced.

Location	Hectad	Grid Ref	Date	Recorder
Dunvegan Castle	NG24	NG2449	01/06/1993	Murray, C.W.
Lyndale House, Walled garden	NG35	NG3654	06/05/1978	Murray, C.W.
Coolin Hills Hotel, Portree	NG44	NG487439	16/05/1978	Murray, C.W.
Prabost	NG45	NG418502	05/05/1999	Murray, C.W.

**Islands:** Skye only.

Recorded in the vice-county since 1978.

**Fumaria bastardi** Boreau

Tall Ramping-fumitory

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Rare.*

A scrambling native annual of arable and horticultural land and, more rarely, hedge banks, usually growing on freely-draining, acidic soils. Probably mainly spring-germinating, it is typically found in spring-sown crops. Its national distribution remains stable. Mediterranean-Atlantic element. Perhaps little more than a casual in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Port Mor, Muck	NM47	NM4279	28/06/1999	Bevan, J., Braithwaite, P.F., Murray, C.W.
Laig Bay, Eigg	NM48	NM4688	01/07/1973	Murray, C.W.

**Islands:** Eigg, Muck.

Recorded in the vice-county since 1938.

**Fumaria capreolata subsp. babingtonii** (Pugsley) Sell.

White Ramping-fumitory

*National Status: Not Scarce, Least Concern.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebudes Status: Rare.*

A scrambling endemic annual of open scrub, hedge banks and cliffs, and only occasionally found in arable land and gardens. Unlike most other species of *Fumaria*, it can be a winter-annual. *F. capreolata* has declined in its inland sites, where it may only have been casual, but the distribution is stable on or near the coast.

Submediterranean-Subatlantic element. Appears to be established in Kyleakin, Skye. Not seen elsewhere in the vice-county in recent years.

Location	Hectad	Grid Ref	Date	Recorder
Kyleakin, Skye	NG72	NG75032632	24/03/2007	Bungard, S.J.
Kyleakin, Skye	NG72	NG75232640	03/09/2006	Bungard, S.J.
Muck	NM47	NM47	30/05/1982	Webster, M.McC.
Poll nam Partan, Eigg	NM48	NM48X	1938	Heslop Harrison, J.W. et al.
Kinloch Farm, Rum	NM49	NM401999	1974	Corkhill, P.

**Islands:** Eigg, Muck, Rum, Skye.

Also recorded from Skye NG50.

Recorded in the vice-county since 1938.

***Fumaria muralis* subsp. *boraei*** (Jord.) Pugsley      Common Ramping-fumitory

*National Status:* Not Scarce, Least Concern.

*North EbuDES Status:* Rare.

A native annual, scrambling herb of arable land, gardens and hedge banks on freely-draining, acidic soils. *F. muralis* *sl.* is the most common of the large-flowered *Fumaria* species and subsp. *boraei* is the most common subspecies. However, it may have become less common in arable habitats in recent years. Oceanic Southern-temperate element; widely naturalised outside its native range. Rare in NW Scotland.

Location	Hectad	Grid Ref	Date	Recorder
Cemetery, nr, Raasay	NG53	NG5537	05/07/2006	Bungard, S.J.
Uigshader, Skye	NG44	NG4246	18/07/1974	Burke, P.
Kyleakin, Skye	NG72	NG72N	20/08/2005	Farmer, C.
Gallanach, Muck	NM47/8	NM4079 or NM4080	1985	Dobson, R.H & R.M.

**Islands:** Eigg/Rum, Muck, Raasay, Skye.

Also recorded from Eigg/Rum NM48, Skye NG44.

Recorded in the vice-county since 1968.

**Fumaria officinalis** L.

Common Fumitory

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Scarce.*

A scrambling archaeophyte annual of arable fields, allotments, gardens and other disturbed land, most commonly found on calcareous soils. Most germination occurs in the spring, and the seed bank is long-lived. European Southern-temperate distribution; it is widely naturalised outside this range. The only recent records in VC 104 are from imported soil.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1953-1960	Anderson, E.
Portree, 'Aros'	NG44	NG477421	21/08/1997	Henriksen, M.
Torrin, Skye	NG52	NG582208	21/06/1969	Mackenzie, C.
Suisnish Point, Raasay	NG53	NG551350	03/07/2006	Bungard, S.J.
Cemetery, nr, Raasay	NG53	NG5537	05/07/2006	Bungard, S.J.
Eigg, W of	NM48	NM48	1938	Heslop Harrison, J.W. et al.

**Islands:** Canna, Eigg, Raasay, Skye.Also recorded from NM48, Skye NG42, 47, **60**.

Recorded in the vice-county since 1915.

**Galeopsis speciosa** Miller.

Large-flowered Hemp-nettle

*National Status: Not Scarce, Vulnerable.**Scottish Biodiversity List of species of principal importance for biodiversity conservation.**North Ebudes Status: Scarce.*

An archaeophyte annual weed of cultivated, marginal and waste ground, often within root-crops (especially potatoes) on peaty soils. Nationally this species has declined markedly in the last 50 years. It is often associated with traditional arable farming and has suffered where modern methods of cultivation and weed control have been introduced. Eurosiberian Boreo-temperate distribution; it is widely naturalised outside this range. Much reduced in VC 104 in the absence of arable farming. Not seen since 1997.

Location	Hectad	Grid Ref	Date	Recorder
Cuil a'Bhainne, Canna	NG20	NG20	17/07/1994	Aungier, F.M.
Kilmory, Rum	NG30	NG30R	1965	Eggeling, W.J.
Glenhinnisdale, Skye	NG35	NG35Y	13/08/1979	Murray, C.W.
Soay	NG41	NG41	1938	Heslop Harrison, J.W. et al.
"Aros", nr, Skye	NG44	NG477421	16/08/1997	Henriksen, M.
Peingown, Skye	NG47	NG4071	10/08/1995	Murray, C.W.
Torrin to Dun Beag	NG52	NG5720	06/08/1991	Murray, C.W., Viang, R.
North Fearn, Raasay	NG53	NG53	1936	Heslop Harrison, J.W. et al.

Heaste area	NG61	NG6416	1995	Gregory, M.
Black Park, Broadford	NG62	NG6423	30/09/1995	Bungard, S.J.
Muck		Unknown	1938	Heslop Harrison, J.W. et al.
Eigg		Unknown	1938	Heslop Harrison, J.W. et al.
Kinloch Farm, Rum	NM49	NM49E	1964	Ferreira, R.E.C., Wormell, P.

**Islands:** Canna, Eigg, Muck, Raasay, Rum, Soay, Skye.

Also recorded from Eigg/Muck NM48, Skye NG15, 24, 41, 45, 50, 60.

Recorded in the vice-county since 1884.

**Gentianella amarella subsp. amarella** (L.) Börner.

Autumn Gentian

*National Status: Not Scarce, Near Threatened.*

*North Ebudes Status: Rare.*

A native annual or biennial herb of well-drained basic soils, typically occurring in grazed chalk and limestone grassland, on calcareous dunes and machair, on spoil-tips and in cuttings and quarries. There is some evidence of a decline in this species in the last 50 years. Circumpolar Boreo-temperate element. In VC 104 restricted to the limestone area of Strath, Skye, apart from an unconfirmed record from Canna.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1950-1999	Anon.
Torrin, Skye	NG51	NG5719	26/08/1972	Murray, C.W.
Dun Beag, Torrin, Skye	NG52	NG5720	29/08/1971	Murray, C.W.
Leac nan Craobh, Torrin	NG52	NG5720	08/08/1990	Murray, C.W.
Torrin Old Quarry, Skye	NG52	NG57282131	23/08/2011	Bungard, S.J.
Strath Suardal, Skye	NG52	NG574213	13/09/1999	Averis, A.B.G., Averis, A.M.
Torrin, Skye	NG52	NG577204	01/09/1987	Murray, C.W., MacKenzie, C.
Loch Cill Chriosd, roadside	NG62	NG614204	16/08/1973	Murray, C.W.

**Islands:** Canna, Skye.

Also recorded from Skye, NG42, 50.

Recorded in the vice-county since 1938.

**Gentianella campestris** (L.) Börner

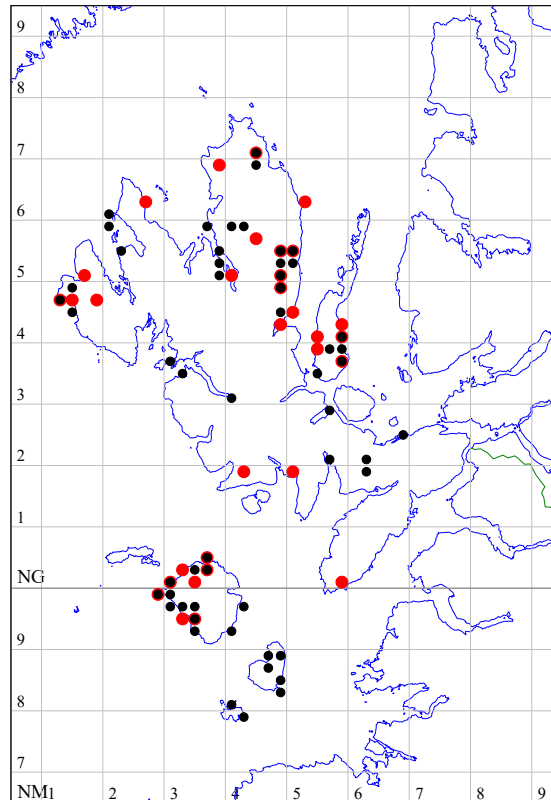
Field Gentian

*National Status: Not Scarce, Vulnerable.*

*North Ebudes Status: Not Scarce.*

A native biennial, occasionally annual, herb of mildly acidic to neutral soils in a variety of open habitats, including pastures, hill grassland, grassy heaths, sand dunes, machair and road verges. On limestone it probably indicates surface leaching or the presence of non-calcareous superficial deposits. Nationally *G. campestris* had already suffered a marked decline before 1930 and sites are still being lost through overgrazing in the uplands and the neglect of lowland pastures. European Boreo-temperate element. Widespread and sometimes abundant in VC 104.





Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Canna, Eigg, Muck, Raasay, Rum, Skye.

Also recorded from Canna NG20, Muck, NM38, Skye, NG24, 31, 32, 34, 37, 42, 60.

Recorded in the vice-county since 1909.

### **Geranium lucidum** L.

Shining Crane's-bill

*National Status: Not Scarce, Least Concern.*

*North Ebeudes Status: Scarce.*

A native annual of roadside-banks, rock outcrops and scree, preferring calcareous soils and characteristic of limestone districts. It is widespread in artificial habitats, including mortared walls, churchyards, roadsides, waste ground and railway ballast; also as an escape from gardens. *G. lucidum* can be invasive, and there has been an expansion of its range over the last 50 years. Submediterranean-Subatlantic element. In VC 104 known from natural habitats and walls. The Portnalong record is probably a garden escape.

Location	Hectad	Grid Ref	Date	Recorder
Portnalong, Skye	NG33	NG35193480	12/05/2009	Bungard, S.J.
Gillean, Skye	NG50	NG5808	30/05/1979	Murray, C.W.
Torrin, Skye	NG52	NG5720	05/07/1967	Murray, C.W.
Leac nan Craobh, Skye	NG52	NG57402021	24/05/2010	Bungard, S.J.
Beinn na' Leac area, Raasay	NG53	NG5937	11/05/2008	Bungard, S.J.
Beinn na' Leac area, Raasay	NG53	NG596370	27/06/1991	Bungard, S.J.
Beinn na' Leac area, Raasay	NG53	NG597373	27/06/1991	Bungard, S.J.

Scorrybreac, Skye	NG54	NG50274456	29/05/2005	Farmer, C.
Torvaig, SE of, Skye	NG54	NG503444	29/06/1998	Murray, C.W.
Breakish, Skye	NG62	NG6722	01/05/1971	Mackenzie, C.
Lower Breakish, Skye	NG62	NG68662427	24/03/2007	Bungard, S.J.

**Islands:** Raasay, Skye.

Recorded in the vice-county since 1936.

**Glebionis segetum** (L.) Fourr. (**Chrysanthemum segetum**) Corn Marigold

*National Status: Not Scarce, Vulnerable.*

*North Ebuades Status: Scarce.*

A mainly spring-germinating archaeophyte annual of light, sandy or loamy soils deficient in calcium, found in arable fields and other disturbed habitats, on roadsides, waste ground and rubbish tips. It was a serious weed in Victorian times, but is now much reduced due to improved seed cleaning, liming, herbicides and the shift to autumn-sown crops. It has a European Southern-temperate distribution and is widely naturalised outside this range. Declined in VC 104 with the loss of arable farming. Most recent records, apart from a strong colony on Muck, are of a few roadside plants on soil that has probably been introduced. The Brogaig colony first recorded by Gwyn Jones in 2012 is amongst oats in an area where it used to be found in arable crops.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	Aug 1984	Murray, C.W., Birks, H.J.B.
Glendale, W of, Skye	NG14	NG1649	15/09/2004	MacAulay, H.
Harlosh, Skye	NG24	NG2942	14/08/1998	Murray, C.E.
Kilmory, nr, Rum	NG30	NG30R	1947	Heslop Harrison, J.W. et al.
Totardor and Amar	NG33	NG33U	17/08/1971	Murray, C.W.
Glenhinnisdale, Skye	NG35	NG35Y	13/08/1979	Murray, C.W.
Earlish, Skye	NG36	NG3860	19/09/1991	Murray, C.W.
Kilmuir, opposite P.O.	NG37	NG3870	08/09/1991	Murray, C.W.
Home Farm Estate, Portree	NG44	NG47744429	01/10/2008	Bungard, S.J.
Digg, W of road	NG46	NG4669	08/09/1991	Murray, C.W.
Brogaig, Skye	NG46	NG47266804	05/09/2012	Bungard, S.J.
Peingown, Graham's croft	NG47	NG4071	10/08/1995	Murray, C.W.
Kilmaluag, nr, Skye	NG47	NG427742	30/07/1974	Murray, C.W.
Kilmaluag Bay, E of road to	NG47	NG4374	08/09/1991	Murray, C.W.
Conasta, Skye	NG47	NG47G	20/10/1997	Murray, C.W.
Port Gobhlaig, road to	NG47	NG47H	27/07/1999	Murray, C.W., Jack, S.
Torrin to Dun Beag	NG52	NG5720	06/08/1991	Murray, C.W., Viang, R.
Suisnish Point, Raasay	NG53	NG551350	03/07/2006	Bungard, S.J.
Scalpay	-	Unknown	1936	Heslop Harrison, J.W. et al.
Muck	NM47	NM41937996	11/08/2009	Bungard, S.J.
Muck	NM47	NM42097965	11/08/2009	Bungard, S.J.
Muck	NM48	NM41938008	11/08/2009	Bungard, S.J.

Eigg	NM48	NM47258809	20/09/2010	Longrigg, S.
Kinloch, nr, Rum	NM49	NM49E	1947	Heslop Harrison, J.W. et al.

**Islands:** Canna, Eigg, Muck, Raasay, Rum, Scalpay, Skye.  
 Also recorded from Raasay NG54, Skye NG25, 34, 42, 51, 56, 62.  
 Recorded in the vice-county since 1935.

### **Glechoma hederacea** L.

Ground-ivy

*National Status:* Not Scarce, Least concern.  
*North Ebudes Status:* Scarce.

A carpet-forming stoloniferous perennial herb of woods, grassland, hedgerows and waste places, usually on fertile soils. It usually spreads vegetatively by rapid growth of its creeping stems, and seed-set is often very low. Apparently increasing within lowland woods, particularly in SE England, where excessive deer grazing has led to a decline in more palatable woodland ground-flora species. Eurasian Boreo-temperate element, but naturalised in N. America so distribution is now Circumpolar Boreo-temperate. Mostly in gardens in VC 104; only two record since 2000.

Site	Hectad	Grid Ref	Date	Recorder
Tighard, Canna	NG20	NG2705	17/07/1994	Aungier, F.M.
Dunvegan Castle, Skye	NG24	NG24P	24/08/1992	Murray, C.W.
Ullinish, Skye	NG33	NG3237	25/07/2012	Bungard, S.J.
Glenbrittle village, Skye	NG42	NG411212	Aug 1964	Rees, J.S.
Portree, Skye	NG44	NG4843	May 1998	Henriksen, M.
Kilmarie estate, Strathaird, Skye	NG51	NG5517	09/04/1966	Murray, C.W.
Raasay House	NG53	NG548365	20/06/1998	Bungard, S.J.
Tormore, NE of, Geo on shore, Skye	NG60	NG623021	31/05/1979	Murray, C.W.
Armadale Castle, Skye	NG60	NG6304	22/07/1976	Murray, C.W.
Knock and Toravaig, between, Skye	NG60	NG6709	03/07/1970	Murray, C.W.
Corry Lodge, Broadford, Skye	NG62	NG6424	31/10/1971	Murray, C.W.
Kyleakin, Skye	NG72	NG74462645	03/09/2006	Bungard, S.J.

**Islands:** Canna, Eigg/Muck, Raasay, Skye.  
 Also recorded from Eigg/Muck NM48, Skye NG36.  
 Recorded in the vice-county since 1959.

### **Gnaphalium supinum** L.

Dwarf Cudweed

*National Status:* Not Scarce, Near Threatened.  
*North Ebudes Status:* Not Scarce.

A dwarf native perennial herb, found on mountain-top fell-field communities, wet grassy slopes, cliffs, moraines and late snow-patches, where it grows in sites which are relatively well-drained and stony and dry out in summer. Nationally the distribution of *G. supinum* is probably stable. European Arctic-montane element; also

in C. Asia and N. America. Occasional on high ground of various rock types in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1950	Anon.
Bruach na Frithe – Fionn Choire	NG42	NG4526	26/07/1958	Murray, C.W.
Storr	NG45	NG49555409	09/07/2012	Bungard, S.J., Peppé, W.D. & D.
Beinn Mheadhonach	NG46	NG45596159	30/08/2012	Bungard, S.J.
Ben Edra	NG46	NG45596279	30/08/2012	Bungard, S.J.
Blaven	NG52	NG52952175	17/08/2007	Bungard S.J., McIntosh, J.
Beinn Dearg Mhor	NG52	NG52J	03/06/2003	Bungard, S.J.
Beinn Dearg Mhor	NG52	NG52W	30/07/1991	Murray, C.W.
Belig summit ridge	NG52	NG54802395	10/09/2009	Bungard, S.J.
Belig, summit ridge	NG52	NG550240	08/10/1988	Murray, C.W.
Beinn Dearg Mhor	NG52	NG587227	28/06/1987	Murray, C.W., Murray, R.M.
Glamaig ridge	NG53	NG5130	30/08/1978	Murray, C.W.
Beinn na Caillich ridge	NG62	NG6023	06/09/1978	Murray, C.W.
Sgurr na Coinnich	NG72	NG7622	04/09/1972	Murray, C.W.
Rum		Unknown	1884	Grieve, S.

**Islands:** Canna, Eigg/Rum, Skye.

Also recorded from Skye NG24, 47, 71.

Recorded in the vice-county since 1884.

Canna record must be doubtful.

### **Gnaphalium sylvaticum** L.

Heath Cudweed

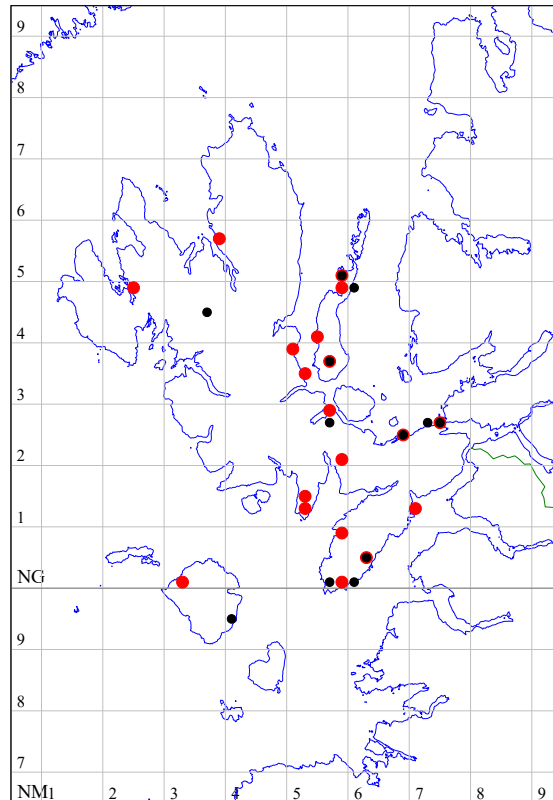
*National Status: Not Scarce, Endangered.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebuades Status: Not Scarce.*

A short-lived native perennial herb of open communities on dry, acidic, often sandy or gravelly soils. Habitats include heaths and heathy pastures, sand-pits, dunes, tracks and, especially, open woodland and forestry rides in areas of former heathland.

Nationally it appears to be declining throughout its range, despite probably being one of the few native vascular plant species to benefit from the extensive afforestation programmes of the 20th century. Eurosiberian Boreo-temperate element; also in N. America. Found on forestry and similar tracks, and in short turf, sometimes in good numbers in VC 104.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Canna, Eigg, Rum, Soay, Skye.

Also recorded from Eigg (No Grid Ref), Skye NG15, 36, **45**, **61**, Soay NG41

Recorded in the vice-county since 1868.

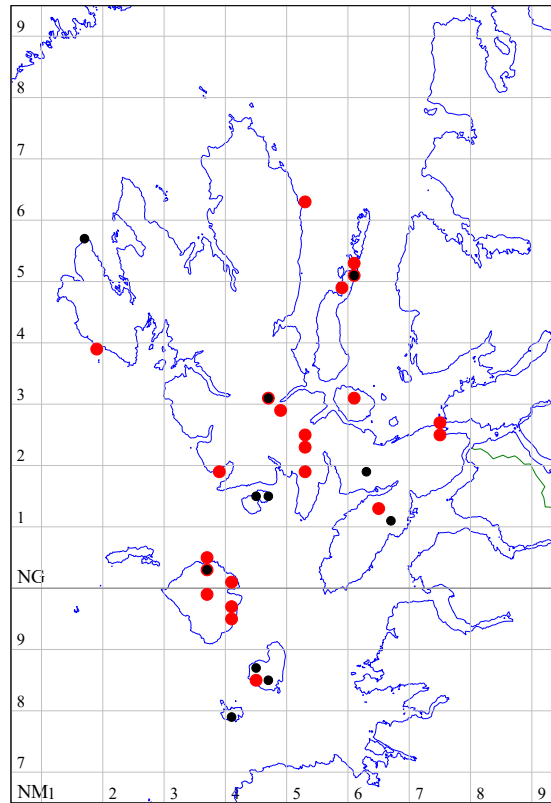
### **Hammarbya paludosa** (L.) Kuntze

Bog Orchid

*National Status:* Not Scarce, Least Concern.

*North Ebrides Status:* Not Scarce.

A native pseudobulbous herb of boggy areas where the water is usually acidic but subject to some lateral movement. Typically it grows amongst saturated *Sphagnum*, but also on peaty mud and among grasses on the edges of runnels and flushes. There has been a dramatic decline in this species caused by drainage of bogs, particularly in the lowlands. Circumpolar Boreal-montane element, with a disjunct distribution.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Eigg, Muck, Raasay, Rum, Scalpay, Soay, Skye.  
Also recorded from Raasay NG53.  
Recorded in the vice-county since 1868.

**Hieracium holosericum** Backh. f

Shaggy Hawkweed

*National Status:* Endemic, Not Scarce, Least concern.  
*North Ebrides Status:* Rare.

Endemic, perennial herb, growing on exposed rocky ground and cliff ledges. Quite frequent in suitable sites in north-western Scotland but also in the Cairngorms and rarely in the Lake District and N. Wales.

Location	Hectad	Grid Ref	Date	Recorder
Ben Aslak	NG71	NG7418	03/07/1991	Murray, C.W.
Ben Aslak	NG71	NG7519	03/07/1991	Murray, C.W.
Ben Aslak	NG71	NG74911893	16/06/2005	Bungard, S.J.
Beinn na Greine	NG72	NG7422	28/06/1989	Bevan, J., Murray, C.W.
Ben Bhuidhe plateau	NG72	NG77432181	23/07/2009	Bungard, S.J.

**Islands:** Skye only.

Recorded from Beinn na Greine by Lightfoot, 1772. Re-found by A.A. Slack in 1986.

**Hieracium subglobosum** P.D. Sell & C. West

Subglobose Hawkweed

*National Status: Endemic, Scarce, Least concern.**North Ebudes Status: Rare*

Endemic, perennial herb, growing mainly on open rocky ground, gentle slopes or rocky knolls. Nationally restricted mainly to Western Highlands where it is quite widespread.

Location	Hectad	Grid Ref	Date	Recorder
Ben Aslak	NG71	NG7418	03/07/1991	Murray, C.W.
Beinn na Greine, S end	NG72	NG7422	04/07/1989	Murray, C.W.
Beinn na Greine cairn, NE of	NG72	NG7522	04/07/1989	Murray, C.W.

**Islands:** Skye only.

Recorded in the vice-county since 1989.

**Hippuris vulgaris** L.

Mare's-tail

*National Status: Not Scarce, Least concern.**North Ebudes Status: Scarce.*

This native herbaceous perennial occurs in two growth forms. Plants with long, flaccid stems grow as submerged aquatics, and are sometimes abundant in clear calcareous water. More rigid, stiffly erect shoots grow as emergents at the edge of lakes and ponds, in swamps or in upland flushes. These may be very robust when growing on deep, eutrophic mud. Nationally there is little evidence for any marked change in the distribution of this species, although it has spread as an introduction in some counties. Circumpolar Boreo-temperate element. Three confirmed sites on Skye, marked \* in the table below, from a loch, a small coastal lochan and a burn.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1953-1960	Anderson, E.
Loch Corlarach	NG25	NG234520	14/07/1989	Steele, K., Duigen, C.A.
Loch Sleadale	NG32	NG345290	03/07/1989	Steele, K., Butterfield, I., Duigen, C.A.
Skye	NG35	NG373555	10/08/1989	Bell, S.L., Duigen, C.A.
Skye	NG46	NG464691	03/08/1989	Bell, S.L.
Skye	NG46	NG470697	16/08/1989	Bell, S.L., Duigen, C.A.
Loch Sheant	NG46	NG471698	03/08/1989	Bell, S.L.
Skye	NG47	NG416742	19/07/1989	Butterfield, I., Duigen, C.A.
Digg, N of,*	NG47	NG47237050	08/07/2009	Bungard, S.J.
Allt Port na Cuillaidh*	NG51	NG53101428	21/06/2008	Bungard, S.J.
Allt Port na Cuillaidh	NG51	NG532144	16/10/1981	Murray, C.W.
Loch Leathan	NG55	NG505515	02/08/1989	Steele, K., Bell, S.L., Howell, D.
Loch Mhic Charmhiceil*	NG60	NG64350984	13/08/2004	Farmer, C.
Loch Arisig	NG61	NG665110	1989	Bell, S.L.

**Islands:** Canna?, Skye.

Also recorded from Skye NG45, 62.

Recorded in the vice-county since 1950's.

Some (all?) of the 1989 records, which were part of the NCC Freshwater Lochs Survey, may be in error.

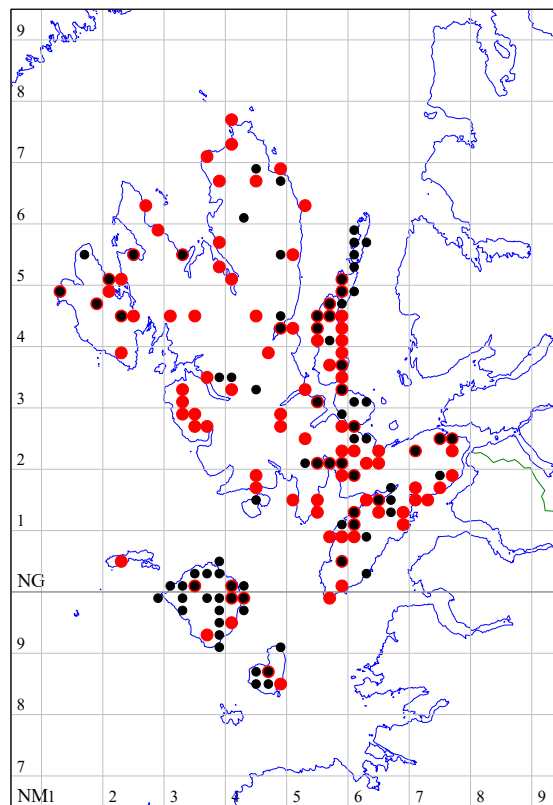
### **Hymenophyllum wilsonii** Hook.

Wilson's Filmy-fern

*National Status:* Not Scarce, Near threatened.

*North Ebrudes Status:* Not Scarce.

A native rhizomatous perennial fern, forming dense colonies on a variety of substrates, including sheltered acidic or, rarely, mildly basic rocks, and trees in humid sites. It also occurs on damp upland cliffs, boulder scree and, rarely, old walls. Nationally its distribution is largely stable. Oceanic Boreo-temperate element; confined to the hyperoceanic zone of W. Europe and Macaronesia. Widespread and common in VC 104. *H. tunbrigense* is much less common in the vice-county.



Records for Year <2000 [2km]

Records for Year  $\geq$ 2000 [2km]

**Islands:** Canna, Eigg, Raasay, Rona, Rum, Scalpay, Soay, Skye.

Also recorded from Skye NG13.

Recorded in the vice-county since at least 1915.



**Hypericum elodes** L.

Marsh St John's-wort

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Rare.*

A stoloniferous perennial herb of peat or peaty mineral soils in damp or wet acidic, nutrient-poor habitats, usually found in shallow water, but sometimes terrestrial, or in deeper water where it may form floating mats. It occurs in heathland pools, on the margins of ponds and slow-flowing streams, and along seepages and runnels in mires. Nationally the range of *H. elodes* has been considerably reduced in the last hundred and fifty years, and its habitats are increasingly threatened, mostly by drainage. Oceanic Temperate element; one remaining site in Italy, extinct in eastern Germany and Austria. At its northern limit in the British Isles on Canna, apart from the Outer Hebrides.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG25190538	13/06/2009	Bungard, S.J.
Canna	NG20	NG25920585	14/06/2009	Bungard, S.J.
Sanday	NG20	NG28110426	12/06/2009	Bungard, S.J.
Sanday	NG20	NG28480393	12/06/2009	Bungard, S.J.

**Islands:** Canna. A record for Rum (NG30) is thought to be a transcription error. Murray & Birks (2005) also refer to an old record Loch Gauscavaig, Sleat, Skye (NG50).

Recorded in the vice-county since 1938.

**Hypericum humifusum** L.

Trailing St John's-wort

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Scarce.*

A native short-lived perennial herb of open well-drained habitats (heaths, dry moors, open woodlands, tracksides, sometimes roadside banks) on light acidic soils; if apparently on calcareous soils, then rooting in a shallow acidic surface layer. There has been a widespread decline in England and Scotland since 1950. European Temperate element.

Location	Hectad	Grid Ref	Date	Recorder
Hamara River, Skye	NG14	NG170499	02/06/1990	Southey, J.F.
Canna	NG20	NG20	1953-1960	Anderson, E.
Dalavil, S of	NG50	NG5804	1950	Gregory, M.
Balachuirn, nr, Raasay	NG54	NG54	1936	Heslop Harrison, J.W. et al.
Dalavil, track to	NG60	NG61760588	22/07/2011	Bungard, S.J.
Dalavil, track to	NG60	NG61890600	11/07/2009	Bungard, S.J.
Dalavil, track to	NG60	NG619063	21/06/1998	Murray, C.W.
Armada Castle	NG60	NG6304	03/08/1984	McInnes, D.
Suardal	NG61	NG622195	06/07/1974	Ward, S.D.
Alt Slugan a Choilich	NM39	NM380980	24/07/2000	Walker, K.J.

Port Mor, Muck	NM47	NM47	1938	Heslop Harrison, J.W. et al.
Grulin track, Eigg	NM48	NM464841	15/07/2007	Chester, J.
Unnamed Lochan, Eigg	NM48	NM46948753	09/06/2008	Bungard, S.J., Farrell, L., McIntosh, J.
Eigg	NM48	NM474864	2006	Chester, J.
Eigg	NM48	NM47588746	09/06/2008	Bungard, S.J., Farrell, L., McIntosh, J.
Galmisdale, Eigg	NM48	NM4784	21/06/1997	Bevan, J., Braithwaite, P.F., Murray, C.W.
Sandavore Farm, Eigg	NM48	NM4784	20/07/1972	Brownlie, J.C. et al.
Kildonan road, W of	NM48	NM4885	22/06/1996	Chester, J.
Eigg	NM48	NM48M	08/06/2008	Cheffings, C. Moss, G., Farrell, L., Scott, R
Kinloch, Rum	NM49	NM400995	2004	Pearman, D.A., Preston, C.D.

**Islands:** Canna, Eigg, Muck, Rum, Raasay, Skye.

Also recorded from Skye NG24, 33.

Recorded in the vice-county since 1936.

**Isoetes echinospora** Durieu

Spring Quillwort

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

A submerged aquatic perennial usually found in nutrient-poor lakes over a wide range of substrates, from rocks and stones to silt and peat. It also grows in more mesotrophic water, such as coastal lakes enriched by wind-borne base salts, lowland reservoirs, slow-flowing rivers and flooded gravel- and clay-pits. Circumpolar Boreal-montane element, with a disjunct distribution. Most Rum sites have been re-found during work for The Flora of Rum, but not recorded on Skye since the NCC Freshwater Loch Survey of 1989.

Location	Hectad	Grid Ref	Date	Recorder
Husabost, lochan nr	NG25	NG202520	28/06/1959	Russell, B.H.S.
Bloodstone Hill, nr, Rum	NG30	NG30A	1938	Heslop Harrison, J.W. et al.
Loch Kaffir, loch E of Rum	NG30	NG39490119	22/06/2003	Preston, C.D.
Loch Duagrigh, Skye	NG33	NG337397	18/07/1989	Butterfield, I., Duigen, C.A.
Loch na Sguabaidh, Skye	NG52	NG560233	05/07/1989	Steele, K., Duigen, C.A.
Loch Cill Chriosd, Skye	NG62	NG611205	11/07/1989	Preston, C.D., Stewart, N.F., Murray, C.W.
Loch Airigh na Saorach, Skye	NG62	NG682202	14/06/1989	Jones, D., Steele, K., Bell, S.L., Butterfield, I.
Loch Papadil, Rum	NM39	NM365922	27/07/2000	Preston, C.D., Pearman, D.A.
Loch Bealach Mhic Neill	NM39	NM3798	24/07/2000	Preston, C.D.

**Islands:** Rum, Skye.

Also recorded from Skye **NG60**.

Recorded in the vice-county since 1938.

**Isolepis cernua** (Vahl.) Roem. & Schult.

Slender Club-rush

*National Status: Not Scarce, Least Concern.**North EbuDES Status: Scarce.*

A perennial found in wet, coastal grassland, in bare or open sites over damp sand, peat and mud, in short turf and sometimes in flushes and trickles on rocky cliffs.

Nationally the species seems stable. Mediterranean-Atlantic element; also in N.

America. Restricted in VC 104 to coastal areas of Muck and the south-western coast of Eigg.

Location	Hectad	Grid Ref	Date	Recorder
Muck	NM37	NM39557900	11/08/2009	Bungard, S.J.
Muck	NM37	NM396796	15/09/2000	Braithwaite, M.E., Braithwaite, P.F.
Muck	NM37	NM39797983	11/08/2009	Bungard, S.J.
Muck	NM37	NM398797	15/09/2000	Braithwaite, M.E., Braithwaite, P.F.
Muck	NM37	NM399799	15/09/2000	Braithwaite, M.E., Braithwaite, P.F.
Muck	NM38	NM399800	15/09/2000	Braithwaite, M.E., Braithwaite, P.F.
Muck	NM38	NM399802	15/09/2000	Braithwaite, M.E., Braithwaite, P.F.
Muck	NM47	NM407794	15/09/2000	Braithwaite, M.E., Braithwaite, P.F.
Muck	NM47	NM414788	15/09/2000	Braithwaite, M.E., Braithwaite, P.F.
Muck	NM47	NM418786	15/09/2000	Braithwaite, M.E., Braithwaite, P.F.
Muck	NM47	NM421792	15/09/2000	Braithwaite, M.E., Braithwaite, P.F.
Muck	NM48	NM403805	15/09/2000	Braithwaite, M.E., Braithwaite, P.F.
Muck	NM48	NM405801	15/09/2000	Braithwaite, M.E., Braithwaite, P.F.
Muck	NM48	NM409803	15/09/2000	Braithwaite, M.E., Braithwaite, P.F.
Muck	NM48	NM412804	15/09/2000	Braithwaite, M.E., Braithwaite, P.F.
Croidhean Araich, Muck	NM48	NM422805	15/09/2000	Braithwaite, M.E., Braithwaite, P.F.
Eigg	NM48	NM43948527	08/06/2008	Bungard, S.J., McIntosh, J.
Eigg	NM48	NM44998430	08/06/2008	Bungard, S.J., McIntosh, J.
Eigg	NM48	NM45868364	08/06/2008	Bungard, S.J., McIntosh, J.
Eigg	NM48	NM48R	10/06/2008	Bungard, S.J., Farrell, L.

**Islands:** Eigg, Muck.

Recorded in the vice-county since 2000.

**Juncus biglumis** L.

Two-flowered Rush

*National Status: Scarce, Least Concern.**North EbuDES Status: Scarce.*

This short, tufted native perennial herb occurs in damp rocky or gravelly places, ranging from well-watered rock faces and flushes to marshes with short open vegetation. It is confined to base-rich, but relatively competition-free, habitats in

species-rich localities. Nationally its distribution is stable. Circumpolar Arctic-montane element. Known only from Rum and the Trotternish Ridge on Skye.

Location	Hectad	Grid Ref	Date	Recorder
Beinn a'Chearcaill & Beinn Dearg, Col between	NG45	NG47165066	04/08/2012	Bungard, S.J.
Storr Plateau	NG45	NG49415401	09/07/2012	Bungard, S.J., Peppé, W.D. & D.
Trotternish Ridge	NG45	NG49425401	01/08/2009	Green, I.P., Macdonald, T.
Corrie Amadal, head of	NG46	NG4460	11/06/1973	Murray, C.W.
Bealach Amadal, SW of	NG46	NG45196018	10/08/2004	Halcrow, V.M.
Bealach Amadal, S of	NG46	NG45606001	30/08/2012	Bungard, S.J.
Sgurr Mor	NG47	NG44367051	05/09/2008	Bungard, S.J.
Ruinsival	NM39	NM358939	1998	Payne, A.G., Geddes, C.
Bealach E of Ruinsival	NM39	NM36019357	25/06/2003	Walker, K.J.
Ruinsival, Bealach to E of	NM39	NM36059369	17/06/2003	Walker, K.J.
Ruinsival	NM39	NM360938	10/11/1960	Ratcliffe, D.A.
Leac a'Chasteil	NM39	NM3693	1998	Payne, A.G., Geddes, C.
Bealach Barkeval, S of	NM39	NM3896	17/06/1997	Bevan, J., Braithwaite, P.F., Murray, C.W.

**Islands:** Rum, Skye.

Recorded in the vice-county since 1868.

**Juncus foliosus** Desf.

Leafy Rush

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

This native spring-germinating annual is the most robust member of the *J. bufonius* aggregate, occurring in wet fields, marshes and ditches and on the muddy margins of lakes and ponds. Although often found near the coast, this species seems to shun brackish water. The species was recognised in Britain as a subspecies in 1959 but did not become widely known until after 1978 when it was treated as a species. It is almost certainly under-recorded. Suboceanic Southern-temperate element. Not yet found on Skye.

Location	Hectad	Grid Ref	Date	Recorder
Arnish, Raasay	NG54	NG596482	2003	Bungard, S.J.
Dry Harbour, Rona	NG65	NG62235810	11/08/2003	Bungard, S.J.
Harris beach, Rum	NM39	NM34089557	22/06/2003	McIntosh, J., Walker, K.J.
Inbhir Ghil, Rum	NM39	NM35789259	26/06/2003	Bungard, S.J., Walker, K.J.
Loch Papadil, Rum	NM39	NM365922	27/07/2000	Preston, C.D., Pearman, D.A.

**Islands:** Raasay, Rona, Rum.

Also recorded from Raasay/Skye NG53.

Recorded in the vice-county since 1934.

**Juncus maritimus** Lam.

Sea Rush

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Rare.*

A native rhizomatous, clump-forming perennial herb of saltmarshes and saline dune-slacks. It also occurs in areas subject to freshwater seepage on low, exposed rocky cliff-tops and stony sea-loch shores. It is tolerant of a wide range of salinities and soil moisture, occurring at all levels in saltmarshes and in both silty and sandy substrates. Nationally its distribution is generally outside of SE England where it has declined. European Southern-temperate element; widely naturalised outside its native range. This species is approaching the northern limit of its range on Skye.

Location	Hectad	Grid Ref	Date	Recorder
Papadil, Rum	NM39	NM361920	01/08/1965	Ferreira, R.E.C.
Camasunary, Skye	NG51	NG50981896	17/03/2008	Bungard, S.J.

**Islands:** Rum, Skye.

Recorded in the vice-county since 1965 on Rum and 1996 on Skye where it was recorded by A.B.G. and A.M. Averis at Camasunary (where it is plentiful). The Rum site is unusual in being a perched saltmarsh 15-23 m up low cliffs and needs to be re-found.

**Kalmia procumbens** (L.) Galasso, Banfi & F. Conti  
(**Loiseleuria procumbens**)

Trailing Azalea

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Scarce.*

This native procumbent, calcifugous dwarf shrub is found on exposed, stony mountain heaths on dry ridges and plateaux. Reproduction is mainly by seed, but it also spreads by rooting of the procumbent stems. Nationally the distribution of *K. procumbens* is essentially stable. Circumpolar Arctic-montane element, with a disjunct distribution. Restricted to Skye in VC 104 where known on the Cuillins and Kyleakin Hills.

Location	Hectad	Grid Ref	Date	Recorder
Coir' an Eich, head of	NG42	NG435226	20/11/1983	Murray, C.W. & R.M.
Cioch and W buttress	NG42	NG444201	03/06/2002	Richards, M., Miller, K.
Sgurr nan Gilleann, E ridge	NG42	NG4725	31/07/1982	Murray, C.W.
Ben Aslak	NG71	NG74941894	16/06/2005	Bungard, S.J.
Beinn na Greine	NG72	NG744223	16/05/1998	Bungard, S.J., Murray, C.W.
Beinn na Greinne	NG72	NG74492241	23/07/2009	Bungard, S.J.
Beinn na Greine	NG72	NG745224	16/05/1998	Bungard, S.J., Murray, C.W.
Beinn na Greine	NG72	NG746223	16/05/1998	Bungard, S.J., Murray, C.W.
Beinn na Greine	NG72	NG747223	16/05/1998	Bungard, S.J., Murray, C.W.

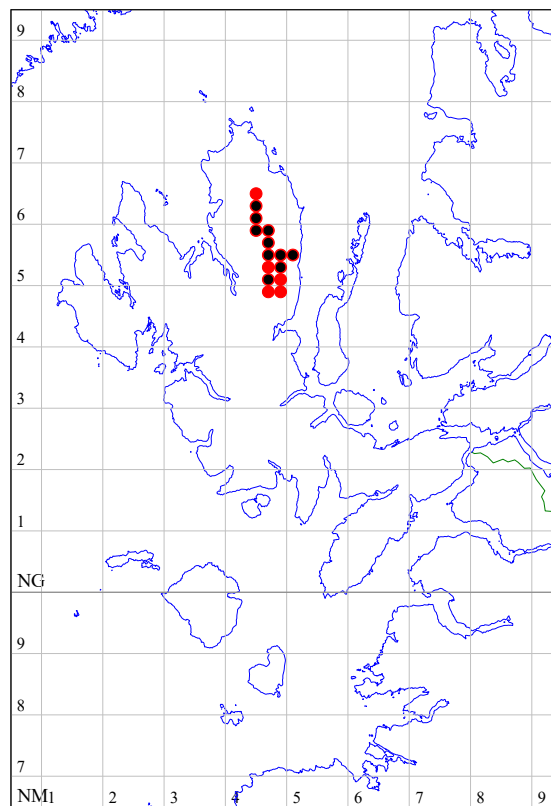
**Islands:** Skye only. Recorded in the vice-county since 1887.

**Koenigia islandica** L.

Iceland-purslane

*National Status: Rare, Least Concern.**Scottish Biodiversity List of species of principal importance for biodiversity conservation.**North Ebrudes Status: Not Scarce but extremely local.*

A tiny native annual of bare, intermittently flushed or constantly moist, basaltic gravel pans and screes, mainly with a northerly or easterly aspect. Frost action and wind erosion assist in keeping the habitat open. The species was first collected in Britain from Skye in 1934 and not correctly identified until 1950. Nationally the distribution is stable. Circumpolar Arctic-montane element; absent from mountains of C. Europe. In VC 104 only known from the Trotternish Ridge, where sometimes abundant.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Skye only.

Known in the British Isles only from Skye and Mull.

Recorded in the vice-county since 1934 (though see above.)

**Lamium amplexicaule** L.

Henbit Dead-nettle

*National Status: Not Scarce, Least Concern.**North Ebrudes Status: Rare. Extinct?*

An annual archaeophyte of open, cultivated and waste ground, usually found on light, dry soils. It also occurs on walls, by railways and in cracks in pavements. Nationally there appears to be a slight decline in this species, especially in S. England and NE

Scotland. It is decreasing as a weed of cultivated land because of the increased use of herbicides. Eurosiberian Southern-temperate distribution, but it is widely naturalised so that distribution is now Circumpolar Southern-temperate. Not seen in the vice-county for many years.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1938	Heslop Harrison, J.W. et al.
Broadford area	NG62	NG62	1955	Marsh, P.
Oigh-skeir	NM19	NM19	1987-1999	Anon.
Kinloch, Rum	NM49	NM49E	1964	Ferreira, R.E.C. and Wormell, P.

**Islands:** Canna, Eigg/Muck, Oigh-skeir, Rum, Skye.  
Also recorded from Eigg/Muck NM48.  
Recorded in the vice-county since 1938.

**Lamium confertum** Fr.

Northern Dead-nettle

*National Status: Not Scarce, Least Concern.*  
*North Ebudes Status: Rare.*

An annual archaeophyte of cultivated and waste ground. Nationally in decline and naturalised populations no longer exist in England, where it is now present only as a casual. European Boreal-montane distribution; it also occurs in Greenland. Scattered records in VC 104 but none since 1996.

Location	Hectad	Grid Ref	Date	Recorder
Soay	NG41	NG41	1938	Heslop Harrison, J.W. et al.
Kilmarie, Skye	NG51	NG5517	1985	Gregory, M.
Inverarish, Raasay	NG53	NG53	1936	Heslop Harrison, J.W. et al.
Broadford, Skye	NG62	NG6423	23/07/1992	Bungard, S.J.
Port Mor, Muck	NM47	NM4279	10/06/1995	Bevan, J., Braithwaite, P.F., Murray, C.W.
Muck	NM47	NM47	19/07/1996	Taylor, N.
Laig, Eigg	NM48	NM48	1973	Murray, C.W.

**Islands:** Eigg, Muck, Raasay, Rum?, Soay, Skye.  
Also recorded from Rum NM49. Pearman et al. (2008) consider this to be an error.  
Recorded in the vice-county since 1936.

**Lamium hybridum** Vill.

Cut-leaved Dead-nettle

*National Status: Not Scarce, Least Concern.*  
*North Ebudes Status: Rare.*

An annual archaeophyte of cultivated, waste and disturbed ground on dry soils, often occurring as a weed of heavily fertilised, broad-leaved crops. Nationally expanding its range, presumably due to its ability to exploit conditions of high fertility. However, it

is often confused with *L. purpureum*, so may previously have been under-recorded. European Temperate distribution. Apparently restricted to Eigg and Muck in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Muck	NM47	NM47	1987-1999	Anon.
Gallanach, Muck	NM48	NM40638013	09/06/2007	Bungard, S.J.
Kildonan House, Eigg	NM48	NM4985	1998	Bevan, J., Braithwaite, P.F., Murray, C.W.

**Islands:** Eigg, Muck. Recorded in the vice-county since at least 1998.

### **Lamium purpureum** L.

Red Dead-nettle

*National Status:* Not Scarce, Least concern.

*North Ebudus Status:* Scarce.

This annual archaeophyte is a frequent colonist of fertile and disturbed soils, and is found in cultivated and waste ground, gardens, hedgerows, on roadside verges, along railways, around rock outcrops and in rough grassland. There has been a decline in Scotland, possibly due to the abandonment of marginal arable land. As an archaeophyte *L. purpureum* has a European Temperate distribution; it is widely naturalised outside this range. Occasional in VC 104 in gardens and waste places.

Site	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	Aug 1984	Birks, H.J.B., Murray, C.W.
Sanday	NG20	NG20	Aug 1984	Birks, H.J.B., Murray, C.W.
Dunvegan Castle	NG24	NG24804886	03/09/2010	Bungard, S.J.
Amar, W of	NG33	NG36193872	27/08/2010	Bungard, S.J.
Lynedale House, Skye	NG35	NG3654	06/05/1978	Murray, C.W.
Uig Pier, Skye	NG36	NG3863	03/07/1969	Birks, H.J.B.
Soay	NG41	NG41	08/07/1987	Birks, H.H. & H.J.B., Currie, A., Murray, C.W.
Sligachan, Skye	NG42	NG4829	24/08/1979	Murray, C.W.
Kinloch Ainort, Skye	NG52	NG53452677	29/09/2007	Bungard, S.J.
Peinchorran, Skye	NG53	NG5233	17/07/1976	Murray, C.W.
Clachan, Raasay	NG53	NG54893639	18/10/2012	Bungard, S.J.
East Suisnish, Raasay	NG53	NG5534	22/08/2010	Bungard, S.J.
West Suisnish, Raasay	NG53	NG5535	26/07/2008	Bungard, S.J.
Tormore, Sleat	NG60	NG6101	25/06/1996	Murray, C.W.
Lower Breakish/Skulamas	NG62	NG62R	May 2000	Gregory, M.
Eilean Tigh, Raasay	NG65	NG65	1937	Heslop Harrison, J.W. et al.
Isle Ornsay Hotel, Skye	NG71	NG7012	01/05/1971	Murray, C.W.
Kyleakin area, Skye	NG72	NG72N	12/05/2004	Farmer, C.
Muck	NM47	NM47	30/05/1982	Webster, M.McC.
Rum	-	Unknown	1964	Ferreira, R.E.C., Wormell, P.

**Islands:** Canna, Eigg?, Muck, Raasay, Rum, Skye, Soay.



Also recorded from Eigg/Muck NM48, Skye NG25, 26, 34, 37, 44, 47, 50, **51**, 61.  
Recorded in the vice-county since 1936.

**Lepidium heterophyllum** Bentham

Smith's Pepperwort

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

A native perennial, or rarely biennial, herb of acidic soils in dry heathy and gravelly places. It is also frequent on shingle, railway ballast and embankments, and, less commonly, in arable fields. It is tolerant of grazing. Nationally the population appears stable. Oceanic Southern-temperate element. Very occasional on tracks, roadsides and dry banks on Skye, Eigg and long ago on Raasay.

Location	Hectad	Grid Ref	Date	Recorder
Portnalong, Skye	NG33	NG34253595	12/05/2009	Bungard, S.J.
Portnalong, Skye	NG33	NG35563431	12/05/2009	Bungard, S.J.
Uig, Skye	NG36	NG395642	07/07/2004	Farmer, C.
Glen Brittle House	NG42	NG4121	1971	MacDonald, M.
Eynort, Skye	NG42	NG422257	19/05/2008	Peppé, D., Peppé, W.D.
Kensaleyre, Skye	NG45	NG423517	1955-1965	Murray, C.W.
Inverarish, Raasay	NG53	NG53	1936	Heslop Harrison, J.W. et al.
Kildonan road, Eigg	NM48	NM4885	22/06/1996	Chester, J.

**Islands:** Eigg, Raasay, Skye. Recorded in the vice-county since at least 1909.

**Leymus arenarius** (L.) Hochst.

Lyme-grass

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Rare*

A rhizomatous native perennial herb growing on coastal sand dunes, sometimes also on fine shingle; it is well known as an important species in the stabilisation of mobile dunes and widely planted as a sand binder. It is a rare casual or naturalised garden escape inland. Nationally there is no evidence of appreciable change in the distribution of *L. arenarius* over the last 50 years despite its widespread planting on eroding dunes. European Boreo-arctic Montane element; also in E. Asia and N. America. In VC 104, a plant of rocky shores and shingle. The Port Gobhlaig site appears to have been lost to harbour development. Possibly now restricted to the skerry off Raasay where it was first found in 1992 (J.P.A. Bungard).

Location	Hectad	Grid Ref	Date	Recorder
Port Gobhlaig, Skye	NG47	NG4375	02/10/1965	Murray, C.W.
Oskaig Pt, S of, Raasay	NG53	NG54433770	14/08/2012	Bungard, S.J.
Rigg, Skye	NG55	NG5256	29/05/1988	Murray, C.W., Murray, C.

**Islands:** Eigg, Raasay, Skye.

Also recorded from Eigg (No grid ref), where Harrison (1938) states that it had been introduced as a sand binder, Skye NG45, 50, 51, 60.

Recorded in the vice-county since 1915.

**Lycopodiella inundata** (L.) Holub

Marsh Clubmoss

*National Status: Scarce, Endangered.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation. North Ebudes Status: Rare.*

A prostrate native perennial herb of wet, bare, peaty or sandy margins of lakes, pools, flushes and trackways. It can rapidly colonise substrates kept open by winter inundation, cattle poaching or peat cutting. Nationally many sites for *L. inundata* were lost before 1930, and losses have continued due to drainage, a lack of grazing and other disturbance, and conversion to scrub, especially in England. European Boreo-temperate element; also in E. Asia and N. America. The Loch Meodal sites are in *Carex rostrata* swamp.

Location	Hectad	Grid Ref	Date	Recorder
Lochan Dubha	NG42	NG498239	02/06/1999	Lusby, P.S.
Lochan Dubha	NG42	NG498240	12/09/1989	Bell, S.L.
Brochel-Inverarish road, Raasay	NG54	NG54	Feb 1936	Temperley, G.W.
Loch Meodal	NG61	NG65501131	01/07/2009	Bungard, S.J.
Loch Meodal	NG61	NG65591124	01/07/2009	Bungard, S.J.

**Islands:** Raasay, Skye.

Recorded in the vice-county since 1936.

The Raasay site appears to have gone.

**Lycopodium annotinum** L.

Interrupted Clubmoss

*National Status: Scarce, Least Concern.*

*Habitats Directive Annex 5*

*North Ebudes Status: Scarce.*

A sprawling, native evergreen herb typically found on mountains and moorlands amongst deep *Calluna* on hill slopes, and sometimes in *Pinus sylvestris* woods. It usually grows on acidic peaty soils, often overlying boulders, or in hollows where snow accumulates. Nationally there have been losses of this species over the past century owing to changes in moorland management, although its distribution now appears to be stable. Circumpolar Boreo-arctic Montane element. Found in good numbers on Scalpay and recently confirmed from Skye, both in moorland habitats.

Location	Hectad	Grid Ref	Date	Recorder
Allt Camas na Geadaig, Scalpay	NG53	NG592316	02/07/1969	Ingram, H.A.P.
Coille Gaireallach, Skye	NG61	NG60411949	26/05/2010	Bungard, S.J.
Scalpay	NG62	NG614287	19/09/1981	Murray, C.W.
Scalpay	NG63	NG61943026	07/06/2007	Bungard, S.J.
Allt Liath, nr, Scalpay	NG63	NG623313	02/07/1969	Stirling, A.McG.

**Islands:** Scalpay, Skye.

Also recorded from Skye NG44.

Recorded in the vice-county since 1936.

Only confirmed Skye site (Coille Gaireallach) found by J. Merryweather in 2009.

### **Lycopodium clavatum** L.

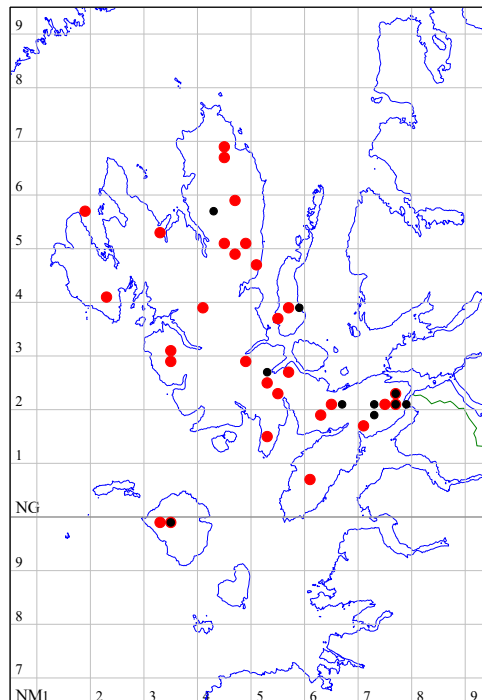
Stag's-horn Clubmoss

*National Status: Not Scarce, Least Concern.*

*Habitats Directive Annex 5, EC Cites Annex D*

*North Ebumes Status: Not Scarce.*

A prostrate, native evergreen perennial herb of heaths, moors and mountains. It is often frequent on base-rich micaceous soils, but also occurs on more acidic *Calluna* heath and *Nardus* grassland. Propagation is mostly vegetative, but spores can colonise new sites, particularly the disturbed soil of roadside embankments and quarries. Nationally many populations are somewhat transient, with losses owing to overgrazing, heather burning, conversion to scrub and agricultural improvement being offset by the establishment of new populations. Circumpolar Boreo-temperate element. Patches on moorland in VC 104, often not in the same spot two years running.



Records for Year <2000 [2km]

Records for Year >=2000 [2km]

**Islands:** Eigg/Muck, Raasay, Rum, Skye.

Also recorded from Eigg/Muck NM48, Rum **NG30**, Skye NG47

Recorded in the vice-county since 1868.

**Lythrum portula** (L.) D.A.Webb.

Water-purslane

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Rare. Extinct?*

A native annual of acidic or calcium-deficient silty soils at the muddy margins of pools and in temporarily flooded habitats such as rutted tracks, woodland rides, heathland pools and the draw-down zone of reservoirs. It avoids the most acidic and nutrient-poor soils and is rarely found over peat. Nationally many losses have occurred since 1950. Reasons for this decline include ponds being drained or becoming overgrown, and rutted tracks being resurfaced or filled in. European Temperate element. Not seen in the VC 104 for many years.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1950-1999	Anon.
Muck	NM47	NM47	30/05/1982	Webster, M.McC.

**Islands:** Canna, Muck.

Recorded in the vice-county since at least 1982. Errors?

**Melica nutans** L.

Mountain Melick

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

A native rhizomatous, perennial grass of basic soil over limestone and other base-rich rocks, occurring in shady places in deciduous woodland, on woodland margins, in the grikes of limestone pavement and on rock ledges. Nationally the distribution of this species remains more or less stable. Eurasian Boreo-temperate element, with a continental distribution in W. Europe. In VC 104 found in woods and gorges on limestone and ultrabasic rocks.

Location	Hectad	Grid Ref	Date	Recorder
Abhainn a'Ghlinne, Geary	NG26	NG2663	31/08/1972	Birks, H.J.B.
Allt Grillan, Drynoch	NG43	NG4130	24/08/1983	Birks, H.J.B.
Allt nan Leac	NG51	NG5918	19/06/1966	Stirling, A.McG.
Coille Gaireallach	NG61	NG60441965	26/05/2010	Bungard, S.J.
Beinn an Dubhaich	NG61	NG610188	05/07/1974	Ward, S.D.
Tokavaig gorge	NG61	NG6112	20/08/1968	Stirling, A.McG.
Allt an Inbhire, Suardal	NG62	NG6020	Jul 1954	Stirling, A.McG.
Kilchrist, W of	NG62	NG612200	1954-2004	Slack, A.A.P., Stirling, A.McG.
Suardal	NG62	NG625201	03/07/1974	Ward, S.D.

**Islands:** Skye only.

Recorded in the vice-county since 1954.

**Mentha arvensis** L.

Corn Mint

*National Status: Not Scarce, Least Concern.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebuades Status: Scarce.*

A native rhizomatous perennial, rarely annual, herb of arable fields, woodland rides, marshy pastures and waste places; overlapping in habitat with *M. aquatica* but typically replacing it in drier habitats or where water levels fluctuate markedly. Nationally a substantial decline has occurred since 1950. It has declined as a weed of cultivated land, and this may partly account for the significant loss from the English Midlands northwards. Circumpolar Boreo-temperate element; widely naturalised outside its native range. Damp fields, riverbanks and roadsides in VC 104, apparently declining.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1953-1960	Anderson, E.
Ardroag, Skye	NG24	NG2742	11/08/2006	Bungard, S.J.
Kilmory, Rum	NG30	NG30R	1947	Heslop Harrison, J.W., et al.
River Hinnisdale, nr	NG35	NG39175733	30/07/2009	Bungard, S.J.
Glen Brittle, Skye	NG42	NG4020	15/08/1954	Graham, R.A.
Glen Brittle Farm	NG42	NG4120	18/08/1971	Murray, C.W.
Sligachan, Skye	NG42	NG4829	24/08/1979	Murray, C.W.
Achnacloich, Skye	NG50	NG5908	Aug 1998	Hodgetts, N.G.
Camas Malag, Skye	NG51	NG51Z	29/09/1974	Murray, C.W.
Kilbride, Skye	NG51	NG59291992	04/09/2012	Terry, S.
Raasay	-	Unknown	1936	Heslop Harrison, J.W., et al.
Ord, Skye	NG61	NG61701332	15/08/2012	Bungard, S.J., Terry, S.
Duisdalebeg area, Skye	NG61	NG61W	10/08/2005	Farmer, C.
Cleadale, Eigg	NM48	NM48U	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L., McIntosh, J., Moss, G., Scott, R.
Kinloch Castle, field to N	NM49	NM401996	27/08/2004	Pearman, D.A.
Kinloch, N of workshop	NM49	NM402998	25/08/2004	Pearman, D.A., Farrell, L., Walker, K.J., Pinches, C.E.

**Islands:** Canna, Eigg, Raasay, Rum, Scalpay, Skye.

Also recorded from Scalpay (no G/R), Skye NG33, 44, 45, 46, 60, 62, 71.

Recorded in the vice-county since 1936.

**Mercurialis perennis** L.

Dog's Mercury

*National Status: Not Scarce, Least concern.**North Ebudes Status: Scarce.*

A rhizomatous, dioecious perennial herb usually growing on damp but free-draining base-rich soils. In the lowlands it is largely restricted to shaded sites, including ancient woodland, older secondary woodland, hedgerows and shaded banks, but in the uplands it occurs on unshaded basic crags, scree, cliff ledges and in ravines, particularly on moist N-facing slopes, and it also grows in the grikes of limestone pavements. Distribution appears stable. European Temperate element. Commoner on Eigg than in the rest of VC 104.

Site	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1953	Anderson, E.
Dunvegan Castle Grounds	NG24	NG24814886	03/09/2010	Bungard, S.J.
Kilmory Fank, plantation	NG30	NG362008	Oct 2004	Smith, M., Stiven, R.
Kilmory Fank, plantation	NG30	NG362009	Oct 2004	Smith, M., Stiven, R.
Glen Bracadale	NG33	NG37163941	27/08/2010	Bungard, S.J.
Glen Bracadale, W end of, by burn	NG33	NG373394	19/05/1968	Murray, C.W.
St John's Chapel, S of	NG34	NG30504358	03/09/2010	Bungard, S.J.
St John's Chapel, above	NG34	NG30534377	03/09/2010	Bungard, S.J.
St John's Chapel, burn above	NG34	NG306437	Jul 1958	BSBI meeting
Loch Portree and A87, between	NG44	NG47674182	14/05/2012	Bungard, S.J.
Tormore, NE of, geo on shore	NG60	NG623021	31/05/1979	Murray, C.W.
Prìomh Lochs area, Rum	NM39	NM3698	1985	Anon.
Dibidil, S of, Rum	NM39	NM388916	1983	Johnston, L.
Eigg	NM48	NM48T	09/06/2008	Bungard, S.J., Farrell, L., McIntosh, J.
Eigg	NM48	NM48Z	11/06/2008	Bungard, S.J., McIntosh, J.
Eigg, E coast cliffs	NM48	NM4987	16/07/1973	Murray, C.W., Roger, J.G. et al.
Welshman's Rock to Dibidil, Rum	NM49	NM49	1962	Ferreira, R.E.C.
Eigg	NM49	NM49Q	12/06/2008	McIntosh, J.
Eigg	NM49	NM49V	11/06/2008	Bungard, S.J., McIntosh, J.

**Islands:** Canna, Eigg, Rum, Skye.

Also recorded from Skye NG41, 62.

Recorded in the vice-county since 1868.

**Mertensia maritima** (L.) S.F. Gray

Oysterplant

*National Status: Scarce, Near Threatened.**North Ebudes Status: Scarce.*

A native perennial herb, usually found on gravelly beaches and shingle but sometimes on sand. It can also colonise earth and rocks tipped at the coast. Seeds can survive prolonged immersion in sea water, and dispersion in sea currents enables colonisation of new, but sometimes transient, sites. Nationally the distribution of *M. maritima* has

varied markedly since 1800. In Britain expansion in the far north has been balanced by contraction in the south. In Ireland it declined during the 19th century, but is now increasing. Losses result from storms, recreational pressures, shingle removal and grazing. European Boreo-arctic Montane element; a coastal species also found in E. Asia and N. America. There is a well-established colony on Sanday (Canna) and it is long known in the Ardroag/Harlosh area of Skye but not seen there recently. Other sites reflect the known behaviour of this plant as a short-term colonist.

Location	Hectad	Grid Ref	Date	Recorder
Sanday	NG20	NG27000419	03/10/2012	Arnold R. & A., Mitchell C. & J.
Sanday	NG20	NG27020416	11/07/2009	Arnold R. & A.
Sanday	NG20	NG27240403	11/07/2009	Arnold R. & A.
Sanday	NG20	NG27300391	11/07/2009	Arnold R. & A.
Sanday	NG20	NG27330396	21/06/2001	Braithwaite, P.F. & M.E.
Sanday	NG20	NG27400395	21/06/2001	Murray, C.W.
Sanday	NG20	NG277040	21/06/2001	Braithwaite, P.F. & M.E.
Ardroag, Skye	NG24	NG275426	20/06/1991	Poingdestre, J.
Aligro, Harlosh, Skye	NG24	NG284423	24/08/1992	Lamb, J.G.D., H.F. & E.
Wreck Bay	NM39	NM308981	1975	Corkhill, P.
Cleadale, Eigg	NM48	NM4689	1971	Murray, R.M.
Singing Sands, Eigg, S of	NM48	NM4789	Jul 1973	Murray, C.W.

**Islands:** Canna, Eigg, Rum, Skye.

Also recorded from Skye NG**51**, 71, **72**. (But hectads in bold refer to nineteenth century records.)

Recorded in the vice-county since 1864.

### **Minuartia sedoides** (L.) Hiern

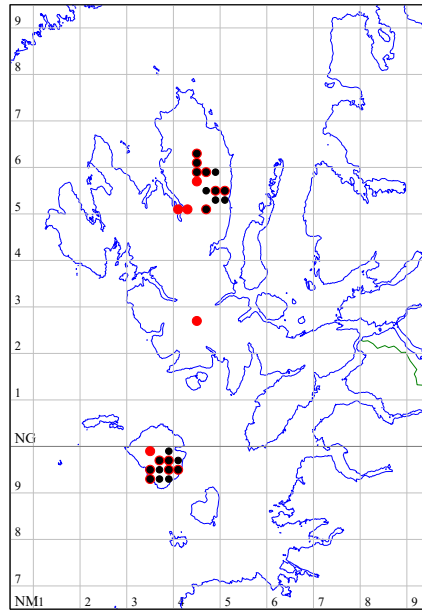
Cyphel

*National Status: Scarce, Vulnerable.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North EbuDES Status: Not Scarce*

A native mat- or cushion-forming perennial herb of base-rich rocks, flushed grassland, exposed montane heath, and mountain ledges and plateaux. Nationally there has probably been little or no change in its distribution since over the last 50 years. European Arctic-montane element; confined to the mountains of C. Europe and Scotland. Restricted to Rum and Trotternish Ridge on Skye.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Rum, Skye.

Also recorded from Skye NG36. The record from the Cuillins needs confirmation. Recorded in the vice-county since 1772. Lightfoot's 1772 record was the first for the British Isles.

**Moehringia trinervia** (L.) Clairv.

Three-nerved Sandwort

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Scarce.*

A native annual of open, often moist, ground, generally found in woodland but also in shaded hedge banks, and rarely in unshaded places such as on walls and railway banks. It favours slightly acidic substrates, and there is a slight preference for warmer slopes in woodland, which hastens the successful completion of the plant's life-cycle. Nationally its distribution is stable. European Temperate element; also in E. Asia.

Location	Hectad	Grid Ref	Date	Recorder
Raasay House, woods	NG53	NG5436	1936	Heslop Harrison, J.W. et al.
Loch Eadar da Bhaile, Raasay	NG54	NG557407	10/08/2006	Bungard, S.J.
Brochel, W of	NG54	NG577463	25/08/2000	Bungard, S.J., Murray, C.W.
Raasay, E coast	NG54	NG5841	23/06/1994	Bungard, S.J.
Raasay, E coast	NG54	NG584432	21/06/1994	Bungard, S.J.
Raasay, E coast	NG54	NG585409	23/06/1994	Bungard, S.J.
Arnish, NE of, Raasay	NG64	NG604481	18/06/2001	Bungard, S.J.
Arnish, NE of, Raasay	NG64	NG604483	18/06/2001	Bungard, S.J.
Eilean Tigh, Raasay	NG65	NG603539	19/07/1996	Bungard, S.J.
Abhainn a'Cham Loin	NM48	NM4787	23/06/1996	Bevan, J., Braithwaite, P.F., Murray, C.W.
Cleadale, Eigg	NM48	NM4788	21/06/1996	
Poll nam Partan, Eigg	NM48	NM48608499	18/05/2009	Bungard, S.J.



Kildonan, Eigg	NM48	NM4885	15/06/1992	Bevan, J., Braithwaite, P.F., Murray, C.W.
Loch Scresort, Rum	NM49	NM49E	1938	Heslop Harrison, J.W. et al.

**Islands:** Eigg, Raasay, Rum.  
Recorded in the vice-county since 1936.

**Neottia nidus-avis** (L.) L.C.M.Richard

Bird's-nest Orchid

*National Status: Not Scarce, Near Threatened.*

*EC Cites Annex B*

*North Ebudes Status: Rare*

This native obligately myco-heterotrophic herb is most frequent in the deep humus of densely shaded *Fagus* woods on chalky soils. Less commonly it occurs in mixed deciduous woodland and mature *Corylus* coppices, on soils derived from limestones and base-rich clays and sands. Nationally this species suffered a considerable decline throughout the 20th century, but particularly between 1930 and 1970. It is very vulnerable to habitat disruption, and most losses are probably due to changes in woodland management and conifer planting. Eurosiberian Temperate element; also in E. Asia. Hazel woodland on Raasay and Skye.

Location	Hectad	Grid Ref	Date	Recorder
Geary	NG26	NG26766225	26/05/2008	Sillence, A.
Fernilea	NG33	NG367338*	26/05/1987	Halcrow, V.
Carbostbeg	NG33	NG37363279	02/06/2009	Bungard, S.J.
Scorrybreac	NG44	NG491437	24/05/2005	Farmer, C.
Fearns-Hallaig path, Raasay	NG53	NG595363	01/07/1969	Wegmuller, S.

\*Grid reference is for the SSSI; site may be the same as for the following record.

**Islands:** Raasay, Skye.

Also recorded from Skye **NG47**. Apparently gone from Raasay.  
Recorded in the vice-county since 1969 (Raasay), 1987 (Skye).

**Noccaea caerulea** (J. & C. Presl) F.K. Mey.

(*Thlaspi caerulea*)

Alpine Penny-cress

*National Status: Scarce, Least Concern.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebudes Status: Rare.*

A native perennial, or rarely biennial, herb almost confined in Britain to rocks or soils enriched with lead or zinc, being found on spoil heaps and mine waste and on metalliferous river gravels. It is also found, rarely, on outcrops and scree of limestone and other base-rich rocks, particularly in Scotland. Nationally the distribution of the species appears to be stable, although reworking of lead mine spoils may have

destroyed some populations. European Boreal-montane element, but absent from the Boreal zonobiome. Only recorded from Rum in VC 104, the only recent records being from Fionchra.

Location	Hectad	Grid Ref	Date	Recorder
Bloodstone Hill	NG30	NG318003	16/06/1992	Lloyd-Thomas, D.H., Sutton, M.
Fionchra	NG30	NG336004	1960	Wormell, P.
Fionchra	NG30	NG33960019	24/06/2003	Braithwaite, P.F., Byfield, A.J.
Fionchra	NG30	NG340003	1960	Wormell, P.
Ard Mheall	NM39	NM34849754	1981	Gilbert, O.L.

**Islands:** Rum only.

Recorded in the vice-county since 1938.

**Nuphar lutea** (L.) Sm.

Yellow Water-lily

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Rare.*

This native perennial grows in mildly acidic or basic, mesotrophic or eutrophic water in lakes and slowly flowing rivers, canals and large ditches. Nationally its distribution remains stable. Eurosiberian Boreo-temperate element; closely related taxa occur in N. America. In VC 104 only known from Raasay and Scalpay in lochans and lochs.

Location	Hectad	Grid Ref	Date	Recorder
Loch na Leanna, Raasay	NG54	NG581461	25/08/2000	Bungard, S.J., Murray, C.W.
Loch Mor, Fladday	NG55	NG5851	31/07/1989	Bungard, S.J.
Loch a'Mhuillin, Scalpay	NG62	NG6229	02/07/1969	Murray, C.W.
Loch a'Mhuillin, N of	NG63	NG62113008	07/06/2007	Bungard, S.J.

**Islands:** Raasay, Scalpay, Skye?

Also recorded from Skye **NG34**.

Recorded in the vice-county since 1936.

**Oenanthe lachenalii** C.C. Gmel.

Parsley Water-dropwort

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Rare. Extinct?*

In coastal areas this native perennial herb occurs in the uppermost parts of saltmarshes, in rough grassland in drained estuarine marshes, by brackish dykes and the lower reaches of tidal rivers. Inland, it is found in base-enriched habitats, including marshes, fen-meadows and tall-herb fen. Nationally some inland sites have been lost to drainage and land-fill. Suboceanic Southern-temperate element.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1953-1960	Anderson, E.
Harris, near, Rum	NM39	NM39M	1938	Heslop Harrison, J.W., et al.
Muck	NM47	NM47	1938	Anon.

**Islands:** Canna, Muck, Rum.

Recorded in the vice-county since 1938.

The Muck record seems likely to be a transcription error as other records with the same details refer to Harrison (1938) and this plant is not recorded from Muck therein. Pearman et al. (2008) accept the Rum record as likely to be correct and the following distribution map gives support to the idea that the Small Isles are a likely area to find this plant albeit at the edge of its range:



**Ophioglossum azoricum** C. Presl

Small Adder's-tongue

*National Status:* Scarce, Least Concern.

*North Ebrudes Status:* Scarce.

A small native rhizomatous, deciduous fern of gently sloping grassland, cliff-tops, damp dune-slacks and sandy maritime heaths on both acidic and alkaline soils. Most sites are frost-free situations near to and facing the sea, with exceptions in the New Forest (S. Hants.) where it grows in highly-grazed damp grassland. In the past small plants of *O. vulgatum* have been mis-identified as *O. azoricum*, and this has led to an unjustified impression that the species is declining. Although the number of sites is low, populations or single clones can spread over many square metres. Suboceanic Boreo-temperate element.

Location	Hectad	Grid Ref	Date	Recorder
Kilmory dunes, Rum	NG30	NG36300371	24/06/2003	Pearman, D.A.
Kilmory dunes, Rum	NG30	NG36320368	26/07/2009	Walker, K.J.
Kilmory dunes, Rum	NG30	NG36320369	19/06/2008	Pearman, D.A.
Kilmory dunes, Rum	NG30	NG36350375	23/06/2003	Bungard, S.J.
Geur Rubha, Skye	NG50	NG55560112	04/06/2012	Bungard, S.J.
Geur Rubha, Skye	NG50	NG55560113	04/06/2012	Bungard, S.J.
Dun Scaich, Skye	NG51	NG59631221	22/06/2012	Bungard, S.J.
Doire Domhain, Raasay	NG54	NG54904415	02/05/2009	Bungard, S.J.
Raasay	NG54	NG55454595	01/07/2008	Bungard, S.J.
Raasay	NG54	NG55504600	01/07/2008	Bungard, S.J.
Raasay	NG54	NG56684821	05/06/2008	Bungard, S.J.
Raasay	NG54	NG5747	02/05/2009	Bungard, S.J.
Raasay	NG54	NG57964790	05/06/2008	Bungard, S.J.
Raasay	NG54	NG58094807	05/06/2008	Bungard, S.J.
Raasay	NG54	NG58114793	05/06/2008	Bungard, S.J.
Loch Arnish, Raasay	NG54	NG581480	22/05/2000	Bungard, S.J.
Raasay	NG54	NG5848	02/05/2009	Bungard, S.J.
An Roinn, Fladday	NG55	NG589520	20/07/1997	Bungard, S.J.
Eilean Tigh	NG55	NG596543	19/07/1996	Bungard, S.J.
Eilean Tigh, Raasay	NG55	NG598541	12/05/2002	Bungard, S.J.
Eilean Tigh	NG55	NG59875424	02/06/2008	Bungard, S.J.
Eilean Tigh	NG65	NG60025427	02/06/2008	Bungard, S.J.
Eilean Tigh, N end, Raasay	NG65	NG600543	15/05/1998	Bungard, S.J.
An Caol, N of, Raasay	NG65	NG610530	15/05/1998	Bungard, S.J.
Raasay	NG65	NG61105306	02/06/2008	Bungard, S.J.
Rona	NG65	NG62835806	15/05/2009	Bungard, S.J.
Ob nam Feusgan, Rona	NG66	NG616603	13/06/1999	Bungard, S.J.
Eigg	NM48	NM496886	11/06/2008	Farrell, L., Scott, R.

**Islands:** Eigg, Raasay, Rona, Rum, Skye.

Recorded in the vice-county since 1996 (Raasay), 2003 (Rum), 2008 (Eigg), 2012 (Skye). Specimens from most sites have been confirmed by DNA analysis at RBGE.

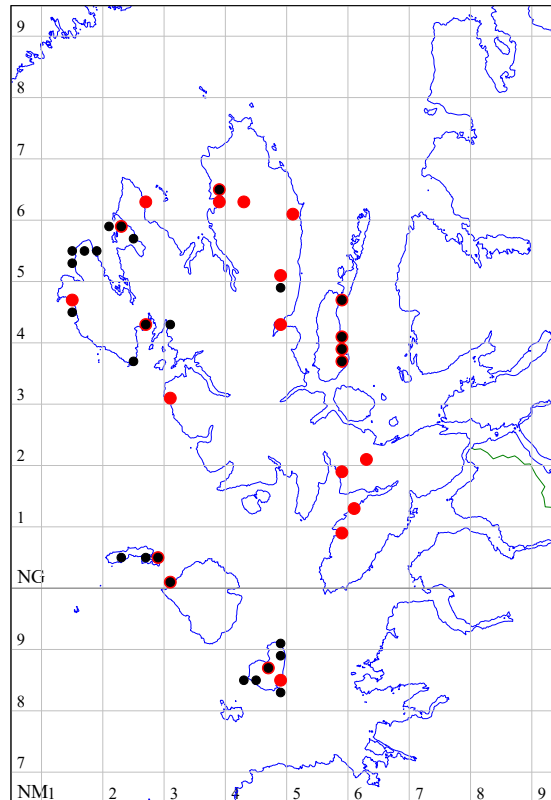
**Orobanche alba** Stephan ex Willd.

Thyme Broomrape

*National Status:* Scarce, Least Concern.

*North EbuDES Status:* Not Scarce.

A native annual, or possibly perennial, root parasite of *Thymus polytrichus*. Its principal habitat is base-rich rocky coastal slopes, but it also occurs inland on stabilised scree below limestone outcrops in N. England. Nationally the overall range of the species appears to be stable. European Temperate element; also in C. Asia. Never far from the coast in VC 104.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Canna, Eigg, Muck, Raasay, Rum, Skye.  
 Also recorded from Muck NM38, 47, Skye NG31, 47, 60  
 Recorded in the vice-county since 1825.

**Orthilia secunda** (L.) House

Serrated Wintergreen

*National Status:* Not Scarce, Least concern.

*North Ebuades Status:* Scarce.

A rhizomatous, mycorrhizal, evergreen perennial herb, of damp *Calluna*- and *Vaccinium*-dominated communities, mostly in *Pinus* and *Betula* woodland but also on open moorland. It also grows in clefts and on ledges in rocky gullies, and on rocky stream banks. Flowering is often erratic. Distribution has been reduced historically by fire, grazing and other moorland management practices. However, it is not clear whether it has continued to decline since 1970. Circumpolar Boreal-montane element. In VC 104, Raasay has most of the known sites for *Orthilia*, though two recently discovered sites in northern Skye suggest that there may be more to find.

Site	Hectad	Grid Ref	Date	Recorder
Allt nam Maighdean, Skye	NG25	NG28505221	09/06/2003	Bungard, S.J.
Allt nam Maighdean, Skye	NG25	NG28025214	26/07/2004	Bungard, S.J.
Allt na Smuide	NG35	NG32275510	23/05/2007	Bungard, S.J.
Beinn na Leac, N of, Raasay	NG53	NG5837	13/04/1995	Bungard, S.J.
Loch na Mna, E of, Raasay	NG53	NG583386	18/06/1995	Bungard, S.J.
Cadha Carnach area, Raasay	NG53	NG5839	10/08/2002	Bungard, S.J.

North Fearn, Raasay	NG53	NG587362	19/06/1994	Bungard, S.J.
Gualann na Leac, Raasay	NG53	NG5937	1936	Heslop Harrison, J.W. et al.
Brae, gorge at, Raasay	NG54	NG5541	07/06/1996	Bungard, S.J.
Glam Burn, Raasay	NG54	NG556428	07/06/1996	Bungard, S.J.
Glam Burn, Raasay	NG54	NG55724287	05/02/2008	Bungard, S.J.
Glam Burn, Raasay	NG54	NG55734286	27/07/2008	Bungard, S.J.
Brae, nr, Raasay	NG54	NG559416	20/10/1977	Murray, C.W.
Brae, nr, Raasay	NG54	NG560415	13/08/1991	Bungard, S.J., Murray, C.W.
Brae, nr, Raasay	NG54	NG562414	05/07/1969	Murray, C.W.
Scraepadal area, Raasay	NG54	NG574448	20/07/1996	Bungard, S.J.
Druim an Aonaich, Raasay	NG54	NG5841	30/06/1969	Stirling, A.McG.
Druim an Aonaich, Raasay	NG54	NG5842	19/07/2005	Bungard, S.J. & BSBI Party
Allt nan Con, Skye	NG72	NG71032248	04/06/2008	Bungard, S.J.

**Islands:** Raasay, Skye.

Also recorded from Skye NG43, 46.

Recorded in the vice-county since 1868.

### **Paris quadrifolia L.**

Herb-Paris

*National Status: Not Scarce, Least Concern.*

*North EbuDES Status: Scarce.*

A native rhizomatous, perennial herb of moist, calcareous, usually ancient, woodland, and occasionally found in grikes on open limestone pavement. It flowers and fruits most freely in the open stages of the coppice cycle, but persists in deep shade, and is well adapted to such conditions in managed woodland. Nationally declining through the destruction of woodland and conifer planting. However, it may spread into secondary woods that are adjacent to primary woodland. Eurosiberian Boreo-temperate element. Several colonies on the limestone on the Suardal area of Skye. Needs to be re-found on Scalpay and in the north of Skye.

Location	Hectad	Grid Ref	Date	Recorder
Sgurr a'Bhagh area	NG25	NG2455	24/06/1967	Murray, C.W.
Sgurr a'Bhagh	NG25	NG250554	24/06/1967	Murray, C.W.
Abhainn a'Ghlinne, Skye	NG26	NG2663	31/08/1972	Birks, H.J.B.
Allt Camas na Geadaig, Scalpay	NG53	NG53	1936	Heslop Harrison, J.W. et al.
Coire Gaireallach	NG61	NG6019	03/08/1962	Murray, C.W.
Glen Boreraig	NG61	NG609180	04/07/1974	Ward, S.D.
Tokavaig gorge	NG61	NG6112	15/07/1969	Murray, C.W.
Suardal	NG61	NG622195	06/07/1974	Ward, S.D.
Loch Lonachan area	NG61	NG62241944	17/07/2008	Bungard, S.J.
Loch Lonachan area	NG61	NG62391953	17/07/2008	Bungard, S.J.
Coire chatachan	NG62	NG6223	01/08/1968	Murray, C.W.
Suardal	NG62	NG62472016	01/06/2009	Philips, J.

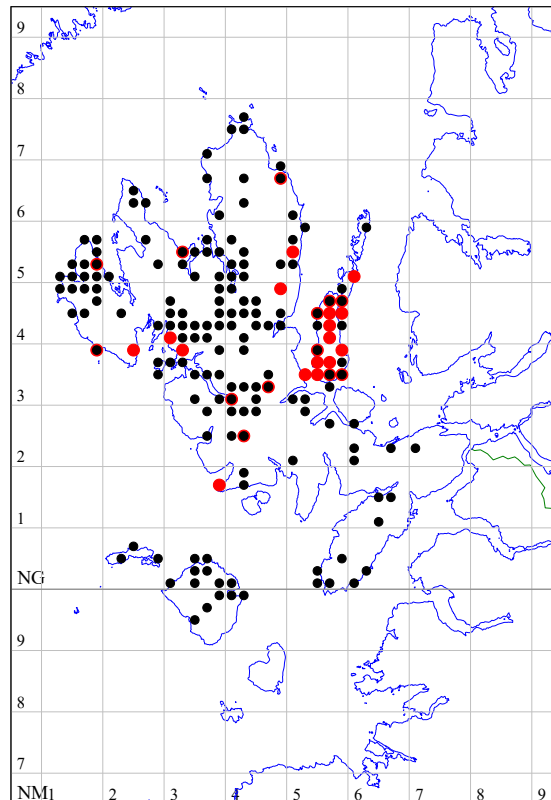
Suardal	NG62	NG625201	03/07/1974	Ward, S.D.
Suardal	NG62	NG62522021	30/05/2012	Bungard, S.J., Terry, S., Walmisley, J.& J.
Allt Liath, Scalpay	NG63	NG63	1936	Heslop Harrison, J.W. et al.

**Islands:** Scalpay, Skye.  
Recorded in the vice-county since 1936.

**Pedicularis sylvatica subsp. hibernica** D.A. Webb Lousewort

*National Status:* Scarce, Least Concern.  
*North Ebumes Status:* Not Scarce.

Native. This taxon was first described in 1956 from Ireland and the Outer Hebrides. It has only recently been recorded in England and Wales and may be more widespread than originally believed. Intermediates with subsp. *sylvatica* occur. Oceanic Boreal-montane element. Widespread in the vice-county with no obvious ecological difference from subsp. *sylvatica*, the two subspecies often being found together.



Records for Year <2000 [2km]  
Records for Year >=2000 [2km]

**Islands:** Canna, Raasay, Rona, Rum, Scalpay, Skye.  
Also recorded from Skye NG71.  
Recorded in the vice-county since at least 1969.

**Persicaria lapathifolia** (L.) Delarbre

Pale Persicaria

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Rare.*

A native annual of open and disturbed ground on a wide range of soils ranging from sand to clay and peat. It is a poor competitor, found in cultivated fields, on the open margins of lakes, ponds, streams and rivers, and on waste ground. Robust adventive variants have been recorded in waste places and fields treated with wool shoddy. The distribution of *P. lapathifolia* has not changed appreciably over the last 50 years. Circumpolar Southern-temperate element; widely naturalised outside its native range. Only two confirmed records in VC 104, each of a single plant in disturbed ground.

Location	Hectad	Grid Ref	Date	Recorder
Clachan, Raasay	NG53	NG54893639	18/10/2012	Bungard, S.J.
Kyleakin, Skye	NG72	NG75282639	03/09/2006	Bungard, S.J.
Eigg/Muck	NM48	NM48	1987-1999	Anon.

**Islands:** Eigg/Muck, Raasay, Skye.

Also recorded from Skye NG50, 60, 62. Recorded in the vice-county since 1955.

**Phleum bertolonii** DC.

Smaller Cat's-tail

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Scarce.*

A native perennial herb of old meadows and pastures, downs, roadside-banks and waste places; often with *P. pratense*, but showing a preference for slightly thinner swards and drier, less fertile soils. It occasionally occurs as a wool-alien, on shoddy fields and rubbish tips. There is much confusion between *P. pratense* and *P. bertolonii*, and national distributional trends cannot be currently assessed. European Southern-temperate element; widely naturalised outside its native range. An occasional plant of roadsides and disturbed ground in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1961	Schools Expedition
"Coire na Creiche, Coire Mhadaidh, Glenbrittle beach"	NG42	NG42	16/07/1996	Rich, T.C.G., Smith, P.A.
Glendrynoch Lodge, Skye	NG43	NG4131	24/10/1978	Murray, C.W.
Kilmaluag, Skye	NG47	NG4274	22/07/1979	Murray, C.W.
Elgol, nr, Skye	NG51	NG5214	04/07/1978	Webster, M.McC.
W Suisnish, Raasay	NG53	NG5535	05/08/1995	Bungard, S.J.
Brae, Raasay	NG54	NG5641	29/07/1995	Bungard, S.J.
Ardnish peninsula, Broadford	NG62	NG62	02/07/2007	Bradford Botany Group
Corry Lodge, Broadford	NG62	NG6424	26/06/1969	Birks, H.J.B.
Cleadale, Eigg	NM48	NM478891	12/06/2008	McIntosh, J.



**Islands:** Canna, Eigg, Raasay, Skye.

Also recorded from Skye NG14, 15, 42, 44, 45, 46, 61.

Recorded in the vice-county since at least 1954.

It is possible that some records refer to small *P. pratense*.

**Pilularia globulifera** L.

Pillwort

*National Status: Scarce, Near Threatened.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebumes Status: Rare. Re-introduced.*

A small, native rhizomatous fern growing on the edges of non-calcareous lakes, reservoirs, ponds or slow-flowing rivers, and sometimes on damp mine workings or as a submerged aquatic. It requires areas where competition is reduced by fluctuating water levels or disturbance. Nationally the plant was lost from many sites before 1930 due to habitat destruction. Eutrophication and reduced disturbance have led to further losses. Suboceanic Temperate element. Appears to have been extinct in VC 104 until reintroduced to Rum at the original site.

Location	Hectad	Grid Ref	Date	Recorder
Stenscholl, Skye	NG46	NG46	28/07/1868	Druce, G.C.
Harris, Rum	NM39	NM34089573	22/06/2003	Walker, K.J., McIntosh, J.W.

**Islands:** Rum, Skye.

Recorded in the vice-county since 1868 (Skye), 1957 (Rum).

**Platanthera bifolia** (L.) L.C.M.Richard

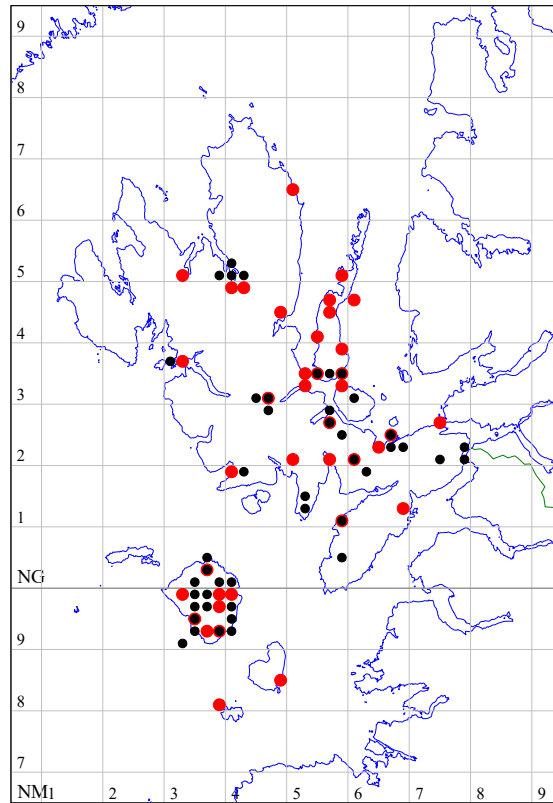
Lesser Butterfly-orchid

*National Status: Not Scarce, Vulnerable.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebumes Status: Not Scarce.*

A native perennial herb of heathy pastures, grassland, open scrub, woodland edges and rides, and on moorland, often amongst *Pteridium*; it is found on a wide variety of acidic and calcareous soils overlying sands, gravels and clays. It is tolerant of considerable soil moisture, also being found in acidic bogs and calcareous fens. Nationally this species has suffered a considerable decline caused by drainage, woodland disturbance and agricultural intensification, and upland populations have also been lost to increased grazing. Eurasian Boreo-temperate element. In VC 104, usually found in wet moorland and not with *Pteridium*.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Canna, Eigg, Muck, Raasay, Rona, Scalpay, Soay, Skye.

Also recorded from Canna, NG20, Rona NG65, Skye NG14, 31, 32, **34**, 36, 37, 46, 47, 71. Recorded in the vice-county since 1884.

**Platanthera chlorantha** (Custer) Rchb.

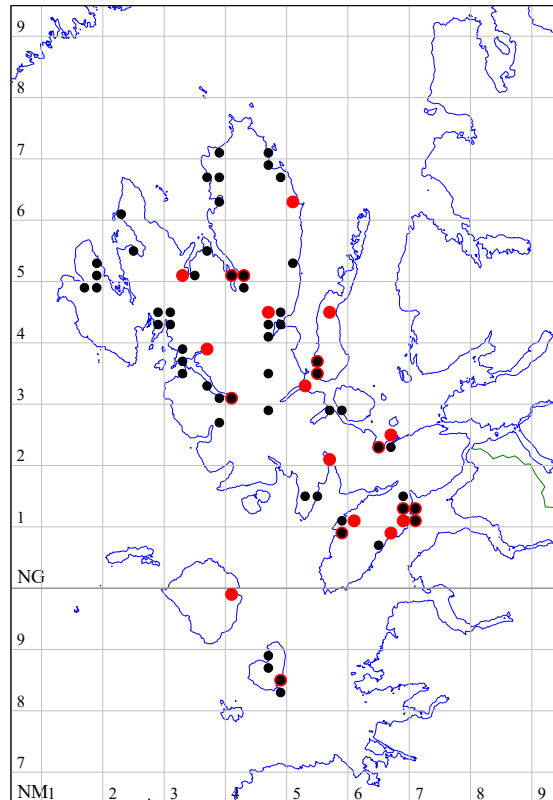
Greater Butterfly-orchid

*National Status: Not Scarce, Near Threatened.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebeudes Status: Not Scarce.*

This native perennial herb is found in a wide variety of habitats, usually on well-drained calcareous soils. Typical habitats include downland, rough pasture, hay meadows, scrub, woodland and young plantations. It sometimes occurs on sand dunes and railway embankments. Rarely, it grows on slightly acidic soils in moorland and wet, heathy pasture. Nationally *P. chlorantha* was lost from many sites during the 20th century. Reasons include the felling, disturbance and coniferisation of woodland, and the agricultural improvement of pasture and scrub. It may be lost from woodland if the canopy becomes too dense. European Temperate element. The usual roadside *Platanthera* in VC 104. Grows mixed with preceding species in Aird Bernisdale area of Skye.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Canna, Eigg, Longay/Scalpay (?), Raasay, Soay, Skye.  
Also recorded from Canna NG20, Scalpay NG63, Soay NG41.  
Recorded in the vice-county since 1868.

### **Poa alpina** L.

Alpine Meadow-grass

*National Status:* Scarce, Least Concern.

*North Ebumes Status:* Scarce.

A native perennial herb of damp mountain rock faces, open ledges and rocky slopes on calcareous substrates, often with *P. glauca*. Most populations are wholly or partially proliferous. Nationally probably stable. Circumpolar Arctic-montane element, with a disjunct distribution. In VC 104 known from rock ledges on Rum, the Trotternish Ridge and the Cuillins.

Location	Hectad	Grid Ref	Date	Recorder
Fionchra, NE side of	NG30	NG34050047	24/06/2003	Braithwaite, P.F., Byfield, A.J.
Coir a'Ghrunnda	NG42	NG4420	30/08/1972	Birks, H.J.B.
Banachdich col,	NG42	NG4421	28/07/1977	Murray, C.W.
Sgurr Thormoid	NG42	NG4422	08/08/1980	Murray, C.W., Murray, R.M.
Am Basteir	NG42	NG46592526	16/07/2003	Green, I.P., Macdonald, T.
Trotternish Ridge	NG45	NG47235838	Aug 2009	Green, I.P., Macdonald, T.
Trotternish Ridge	NG45	NG49445388	17/07/2012	Bungard, S.J., Peppé, W.D. & D.
Trotternish Ridge	NG45	NG49475430	Aug 2009	Green, I.P., Tom Macdonald, T.
Coire Faoin	NG45	NG49545406	19/08/2007	Bungard, S.J., McIntosh, J.

Carn Liath	NG45	NG4955	29/05/1965	Murray, C.W.
Coire Faoin	NG45	NG49575398	17/07/2012	Bungard, S.J., Peppé, W.D. & D.
Upper Coire Scamadail	NG45	NG49845430	24/08/2004	Halcrow, V.
Trotternish Ridge	NG46	NG45066954	Aug 2009	Green, I.P., Macdonald, T.
Old Man of Storr, N of	NG55	NG500541	17/07/1996	Rich, T.C.G., Smith, P.A.

**Islands:** Rum, Skye.

Also recorded from Rum, NM39, 49, Skye NG47.

Recorded in the vice-county since 1884.

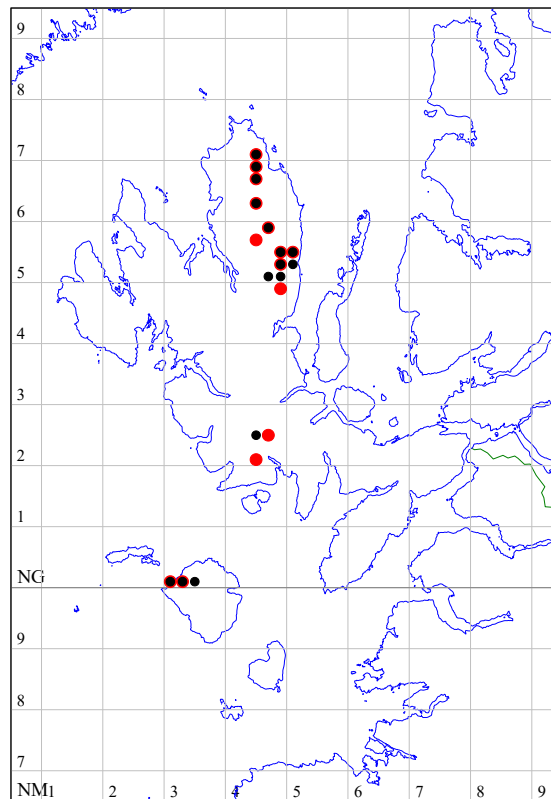
**Poa glauca** Vahl.

Glaucous Meadow-grass

*National Status:* Scarce, Vulnerable.

*North Ebumes Status:* Not Scarce.

A native tufted perennial herb of damp mountain rock faces, open ledges, screes and rocky slopes on calcareous substrates, often with *Poa alpina*. Nationally *P. glauca* appears to have declined in the last 50 years, though it may be present in many sites in remote mountain areas for which there are no recent records. It is thought to be sensitive to grazing, which might explain its decline in some areas. Circumpolar Boreo-arctic Montane element. Similar distribution to the preceding species in VC 104 but more frequent.



Records for Year <2000 [2km]

Records for Year >=2000 [2km]

**Islands:** Rum, Skye. Recorded in the vice-county since 1938.

Also recorded from Rum, NM39, Skye NG54.

Some records may be the montane form of *P. nemoralis* which is little different from *P. glauca*. According to Cope & Gray (2009): “*P. glauca* is part of a difficult complex .... centred on *P. nemoralis*. It is just barely tenable as a separate species.” Recent records from the author have been checked by assessing the position of the uppermost node of the culm (*Ibid.*), but this is not guaranteed to be definitive.

**Polygonum oxyspermum subsp. raii** (Bab.) D.A. Webb and Chater

Ray's Knotgrass

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

A native prostrate annual, biennial or short-lived perennial of sand, shingle or shell beaches, sometimes found on other open sandy ground near the sea, usually just above the limit of the highest tides. Like many strand-line species, its numbers often fluctuate annually and nationally it is believed to be under-recorded. European Wide-temperate element; also in N. America. Limited occurrence in VC 104 owing to scarcity of sandy shores.

Location	Hectad	Grid Ref	Date	Recorder
Kilmory, Rum	NG30	NG361038	1984	Duck, C.
Portnalong, Skye	NG33	NG3435	08/08/1999	Murray, C.W.
Glenbrittle, Skye	NG42	NG4020	03/08/1996	Murray, C.W.
Glenbrittle, Skye	NG42	NG41212044	09/09/2005	Farmer, C.
Glen Brittle, Skye	NG42	NG41302040	08/09/2006	Bungard, S.J.
Rubha Sloc an Eorna	NG50	NG578086	08/07/1973	Murray, C.W.
Eilean Aird nan Uan, Muck	NM38	NM38V	19/07/2011	Usher, M.
Muck	NM48	NM40178068	11/08/2009	Bungard, S.J.
Laig Bay, Eigg	NM48	NM471884	03/10/2007	Chester, J.
Poll nam Partan, Eigg	NM48	NM4884	01/07/1973	Murray, C.W.
Eigg	NM48	NM48U	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L., McIntosh, J., Moss, G., Scott, R.
Kildonan, Eigg	NM48	NM4984	20/06/1997	Murray, C.W.

**Islands:** Eigg, Muck, Rum Skye.

Recorded in the vice-county since 1909.

**Polystichum lonchitis** (L.) Roth.

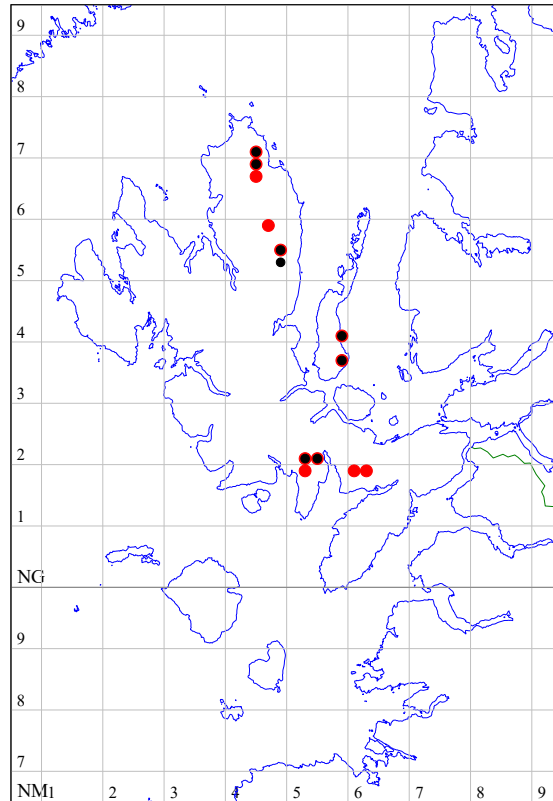
Holly-fern

*National Status: Not Scarce, Vulnerable.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebudes Status: Not Scarce.*

This native evergreen species is a calcicole, growing in well-drained, cool and moist positions at the base of cliffs, on rocky ledges, and particularly in stabilised boulder-scrub. It also grows in deep grikes of limestone pavements. *P. lonchitis* is a poor competitor, but is long-lived once established. Nationally there has been little evidence of a change in its distribution over the last 50 years. Circumpolar Boreal-montane element, with a disjunct distribution. Basic rock crevices in VC 104 on Blaven, Trotternish Ridge, Suardal and the east coast of Raasay.



Records for Year <2000 [2km]

Records for Year >=2000 [2km]

**Islands:** Raasay, Skye.

Also recorded from Skye NG14, 36, 42, 55, 62.

Recorded in the vice-county since 1868.

**Polystichum setiferum** (Forsskål) Moore ex. Woynar.

Soft Shield-fern

*National Status:* Not Scarce, Least Concern.

*North EbuDES Status:* Rare.

This native semi-evergreen fern is a moderate calcicole, occurring in shaded deciduous woodland, hedgerows, lane banks and sheltered streamsides, and also in the peaty bottoms of grikes in limestone pavement. It grows on a wide range of soil types, from those derived from sands to clays, but prefers sloping or well-drained ground. Nationally the distribution of the species appears stable. Submediterranean-Subatlantic element. An escape from cultivation on Rum but a strong colony on Skye.

Location	Hectad	Grid Ref	Date	Recorder
Holm, S of, Skye	NG55	NG519507	08/07/2004	Bungard, S.J.
Kinloch Castle, Rum	NM49	NM401996	25/06/2003	Pearman, D.A.

**Island:** Rum, Skye.

Recorded in the vice-county since at least 1948 (Rum) and Skye 2004.

Close to its northern world limit on Skye.

**Potamogeton berchtoldii** Fieber

Small Pondweed

*National Status: Not Scarce, Least concern.*

*North Ebumes Status: Scarce.*

A variable species which occurs in a wide range of still or slowly flowing waters, which may be base-rich or base-poor, oligotrophic, mesotrophic or eutrophic, and exposed or sheltered. *P. berchtoldii* is sometimes found in brackish sites. Until 1938, *P. berchtoldii* was confused with *P. pusillus* in our area. Changes in its distribution are difficult to assess. Circumpolar Boreo-temperate element.

Site	Hectad	Grid Ref	Date	Recorder
Loch Mor, burn from, Skye	NG14	NG141477	29/08/1985	Corner, R.W.M.
Loch Mor, S end, Skye	NG14	NG142480	13/07/1989	Preston, C.D., Stewart, N.F.
Loch Mor, W side, Skye	NG14	NG142483	13/07/1989	Preston, C.D., Stewart, N.F.
Loch Suardal, Skye	NG25	NG240508	18/08/1985	Corner, R.W.M.
Loch Duagrigh, Skye	NG33	NG397397	18/07/1989	Butterfield, I., Duigen, C.A.
Loch Ravag, Skye	NG34	NG380450	18/07/1989	Steele, K.
Loch Connan, Skye	NG34	NG387430	17/07/1989	Butterfield, I., Duigen, C.A.
Loch Niarsco, Skye	NG34	NG391472	21/07/1989	Steele, K., Butterfield, I.
Loch Fada, Skye	NG44	NG44Z	Jul 1963	Vasari, Y., Vasari, A.
Loch Cuithir, Southernmost of lochans to W, Skye	NG45	NG4759	18/08/1995	Murray, C.W.
Loch Cuithir, Skye	NG45	NG4759	08/10/1976	Murray, C.W.
Loch Cleat, Skye	NG47	NG416742	19/07/1989	Butterfield, I., Duigen, C.A.
Digg, N of, Skye	NG47	NG47247048	08/07/2009	Bungard, S.J.
Loch a'Mhuillinn, Raasay	NG53	NG553367	26/09/2007	Bungard, S.J.
Loch Papadil, Rum	NM39	NM364920	04/08/1993	Duncan, W., Jackson, J.
Loch Papadil, E side, Rum	NM39	NM365922	27/07/2000	Pearman, D.A., Preston, C.D.
Loch Fiachanis, Rum	NM39	NM39M	1948	Heslop Harrison, J.W. et al.

**Islands:** Raasay, Rum, Skye.

Recorded in the vice-county since 1948.

**Potamogeton coloratus** Hornem.

Fen Pondweed

*National Status: Scarce, Least Concern.**North Ebumes Status: Rare.*

This rhizomatous native perennial herb is found in shallow, calcium-rich but nutrient-poor waters in lakes, pools, clay-pits, shallow streams and ditches. It grows over a range of substrates, including peat, marl, sand and clay. Nationally *P. coloratus* has declined over much of its British range, having been lost from many sites because of drainage or eutrophication. Many remaining localities are in nature reserves. European Southern-temperate element.

Location	Hectad	Grid Ref	Date	Recorder
Glen Shellesder, Rum	NG30	NG30K	1942	Heslop Harrison, J.W., et al.
Loch Cill Chriosd, Skye	NG62	NG6020	17/07/1996	Rich, T.C.G., Smith, P.A.
Loch Cill Chriosd, Skye	NG62	NG611204	20/06/1989	Steele, K., Bell, S.L., Butterfield, I., Duigen, C.A.
Loch Cill Chriosd, Skye	NG62	NG612205	20/06/1989	Steele, K., Bell, S.L., Butterfield, I., Duigen, C.A.

**Islands:** Probably Skye only.

Recorded in the vice-county since 1948 on Rum (but thought to be an error. See Pearman et al. (2008)). Skye 1968.

**Potamogeton crispus** L.

Curled Pondweed

*National Status: Not Scarce, Least Concern.**North Ebumes Status: Scarce.*

*P. crispus* is a rhizomatous perennial which grows in a wide range of mesotrophic or eutrophic waters. These include lakes, ponds, rivers, streams, canals, ditches and disused mineral workings. It is more tolerant of eutrophication than most British *Potamogeton* species. Eurasian Southern-temperate element, but naturalised in N. America so distribution is now Circumpolar Southern-temperate. Known from a single confirmed site on Skye.

Location	Hectad	Grid Ref	Date	Recorder
Loch Dubhar-sgoth	NG46	NG4563	22/08/1983	Birks, H.J.B., Murray, C.W.

**Islands:** Raasay, Skye.

Also recorded from Raasay (No grid ref), Skye NG15, 45, 51

Recorded in the vice-county since 1909.



**Potamogeton filiformis** Pers.

Slender-leaved Pondweed

*National Status: Scarce, Least Concern.**North EbuDES Status: Scarce.*

This native rhizomatous herb usually grows in open vegetation in the shallow edges of lakes. It is typically found over gravel, sand, silt or mud in sites where the water is base-rich, eutrophic or slightly brackish. It also occasionally grows in rivers, streams and ditches. Nationally its distribution is probably stable. Circumpolar Boreal-montane element.

Location	Hectad	Grid Ref	Date	Recorder
Loch Mor, outflow at S end	NG14	NG142480	13/07/1989	Preston, C.D., Stewart, N.F.
Loch Mor	NG14	NG144485	11/07/2011	Walls, R.M., MacPherson, J., Farmer, C., Irvine, C., Jack, S.
Allt na Uamha, Waterstein	NG14	NG1447	1989	NCC Lochs Survey
Soay	NG41	NG41	1957-1958	Woods, D.V.G.
Loch na Meilich, Raasay	NG53	NG575394	12/08/2004	Bungard, S.J., Gunn, I.
Loch Fiachanis, Rum	NM39	NM39M	1948	Heslop Harrison, J.W. et al.
Loch Dornabec, Rum	NM39	NM39N	1948	Heslop Harrison, J.W. et al.
Loch Papadil, Rum	NM39	NM39R	1948	Heslop Harrison, J.W. et al.

**Islands:** Rum, Skye. Recorded in the vice-county since at least 1936.

The Rum records are considered dubious by Pearman et al. (2008).

**Potamogeton lucens** L.

Shining Pondweed

*National Status: Not Scarce, Endangered.**North EbuDES Status: Rare.*

A native rhizomatous perennial herb with submerged but no floating leaves, *P. lucens* grows in relatively deep, calcareous water in lakes, larger rivers, canals, flooded chalk- and gravel-pits and major fenland drains. It is found in clear, nutrient-poor, unpolluted waters as well as more eutrophic and turbid sites. Nationally there is some evidence of decline, the species being susceptible to eutrophication in parts of its range. Eurosiberian Temperate element. Restricted to one loch on Skye and one on Raasay, though not recorded in the latter for several decades.

Location	Hectad	Grid Ref	Date	Recorder
Loch na Meilich, Raasay	NG53/54		1936	Heslop Harrison, J.W.
Raasay	NG53	NG53	1957	Webster, M.McC.
Loch Cill Chriosd, Skye	NG62	NG610204	11/07/1989	Preston, C.D., Stewart, N.F.
Loch Cill Chriosd, Skye	NG62	NG611205	11/07/1989	Preston, C.D., Stewart, N.F., Murray, C.W.
Loch Cill Chriosd, Skye	NG62	NG62A	02/07/2007	Bungard, S.J. & Bradford Botany Group

**Islands:** Raasay, Skye. Recorded in the vice-county since 1895.

**Potamogeton pectinatus** L.

Fennel Pondweed

*National Status: Not Scarce, Least Concern.**North EbuDES Status: Rare*

This native rhizomatous, linear-leaved aquatic is a characteristic species of eutrophic or brackish waters, where it may form dense stands in lakes, reservoirs, rivers, streams, canals, ditches, ponds and flooded mineral workings. It is tolerant of disturbance in canals and navigable rivers. It is occasionally found in highly calcareous but nutrient-poor lakes. Nationally its distribution is stable. Circumpolar Wide-temperate element. The only accepted record is from a loch by the sea on Skye.

Location	Hectad	Grid Ref	Date	Recorder
Loch Suardal, Dunvegan	NG25	NG239505	06/08/2003	Farmer, C.
Loch Fiachanis, Rum	NM39	NM39M	1948	Heslop Harrison, J.W. et al.
Loch Dornabec, Rum	NM39	NM39N	1948	Heslop Harrison, J.W. et al.
Loch Papadil, Rum	NM39	NM39R	1948	Heslop Harrison, J.W. et al.

**Islands:** Rum, Skye.

Recorded in the vice-county since 1948, but the Rum records are considered dubious by Pearman et al. (2008). First reliable record 2003.

**Potamogeton praelongus** Wulfen

Long-stalked Pondweed

*National Status: Not Scarce, Near Threatened.**North EbuDES Status: Not Scarce.*

No *Potamogeton* species is more characteristic of deep water than *P. praelongus*. It is a native rhizomatous perennial that usually grows at depths greater than 1 m in clear, mesotrophic water in lakes, rivers, canals and major drains. It has only rarely been recorded from shallow water. Nationally *P. praelongus* appears to have been lost from many due to eutrophication. As a species of deeper water it can be inconspicuous, and it may be under-recorded. Circumpolar Boreal-montane element.

Location	Hectad	Grid Ref	Date	Recorder
Loch Mor, W side	NG14	NG142483	13/07/1989	Preston, C.D., Stewart, N.F.
Loch Mor	NG14	NG144485	13/07/1989	Preston, C.D., Stewart, N.F., Bell, S.L., Duigen, C.A.
Loch Mor	NG14	NG1448	11/07/2011	Walls, R.M., MacPherson, J., Farmer, C., Irvine, C., Jack, S.
Loch Eishort, Ramasaig	NG14	NG1645	23/07/1971	Murray, C.W.
Loch Glen Ionadal	NG14	NG195413	19/07/1996	Rich, T.C.G., Smith, P.A.
Ardmore Point, loch nr	NG26	NG2360	11/07/1958	Duncan, U.K.
Loch Fada	NG44	NG493494	02/08/1989	Steele, K., Duigen, C.A.
Storr Lochs	NG45	NG4950	04/08/2012	Bungard, S.J.
Loch Gauscavaig	NG51	NG51V	29/06/2007	Bungard, S.J. & Bradford Botany Group
Loch na Meilich, Raasay	NG53	NG5739	13/09/2002	Bungard, S.J.

Loch na Meilich, Raasay	NG54	NG5740	13/09/2002	Bungard, S.J.
Loch Mealt	NG56	NG505650	09/08/1989	Steele, K., Duigen, C.A.
Loch Ic Iain	NG60	NG601070	19/06/1989	Steele, K., Duigen, C.A.
Loch Lonachan	NG61	NG61J	15/08/2011	Bungard, S.J., Lansdown, R., Lawrie, V.
Loch Buidhe & lochan to W	NG61	NG6319	06/08/2008	Bungard, S.J.
Loch an Eilein	NG61	NG640186	17/06/1989	Steele, K., Bell, S.L., Butterfield, I., Duigen, C.A.
Loch an Starsaidh	NG61	NG646190	17/06/1989	Bell, S.L.
Beinn Dubh A'Bhealaich, nr	NG71	NG713172	12/08/1968	Murray, C.W.
Long Loch, Rum	NM39	NM363981	24/07/2000	Preston, C.D., Pearman, D.A.
Long Loch, Rum	NM39	NM363984	24/07/2000	Preston, C.D., Pearman, D.A.
Long Loch, Rum	NM39	NM363985	24/07/2000	Preston, C.D., Pearman, D.A.
Loch Bealach Mhic Neall	NM39	NM37629869	31/08/2004	Gunn, I.D.M., Kirika, A.
Lochan Dubh a Mhaim	NM39	NM3899	1984	Farmer, A.M.

**Islands:** Raasay, Rum, Skye.

Also recorded from Skye **NG25**. Recorded in the vice-county since 1895.

**Potentilla crantzii** (Crantz) Beck ex Fritsch

Alpine Cinquefoil

*National Status:* Scarce, Least Concern.

*North Ebudus Status:* Rare.

A native perennial herb of dry base-rich rock faces, cliffs and ledges, close-grazed calcareous grassland and, occasionally, river shingle. It is a pseudogamous apomict, reproducing mostly by seed, with very limited vegetative spread. Nationally the distribution of this species seems to have been stable in recent years. Eurosiberian Boreo-arctic Montane element; also in N. America. The only known sites for the Hebrides are in the Suardal area of Skye. A nineteenth century record for Rum has never been re-found.

Location	Hectad	Grid Ref	Date	Recorder
Loch Lonachan, SW of	NG61	NG61681868	30/05/2012	Bungard, S.J., Terry, S., Walmisley, J.& J.
Loch Lonachan, NW of	NG61	NG62421926	30/05/2012	Bungard, S.J., Terry, S., Walmisley, J.& J.
Loch Lonachan, NW of	NG61	NG62481927	30/05/2012	Bungard, S.J., Terry, S., Walmisley, J.& J.
Loch Lonachan, NW of	NG61	NG62511929	30/05/2012	Bungard, S.J., Terry, S., Walmisley, J.& J.
Ben Suardal	NG62	NG629205	13/09/1999	Averis A.B.G. & Averis, A.M.
Ben Suardal	NG62	NG630207	13/09/1999	Averis A.B.G. & Averis, A.M.
Ben Suardal	NG62	NG631204	13/09/1999	Averis A.B.G. & Averis, A.M.
Ben Suardal	NG62	NG631208	13/09/1999	Averis A.B.G. & Averis, A.M.
Ben Suardal	NG62	NG63132068	30/05/2012	Bungard, S.J., Terry, S., Walmisley, J.& J.
Ben Suardal	NG62	NG63182075	20/09/2002	Halcrow, V.M.
Strath Suardal	NG62	NG632210	13/09/1999	Averis A.B.G. & Averis, A.M.
Ben Suardal	NG62	NG63222084	03/06/2012	Swainbank, T.
Rum	-	Unknown	1886	Grieve, S.

**Islands:** Rum, Skye

Also recorded from Skye **NG45, 46**.

Recorded in the vice-county since 1886 (Rum) and 1955 (Skye).

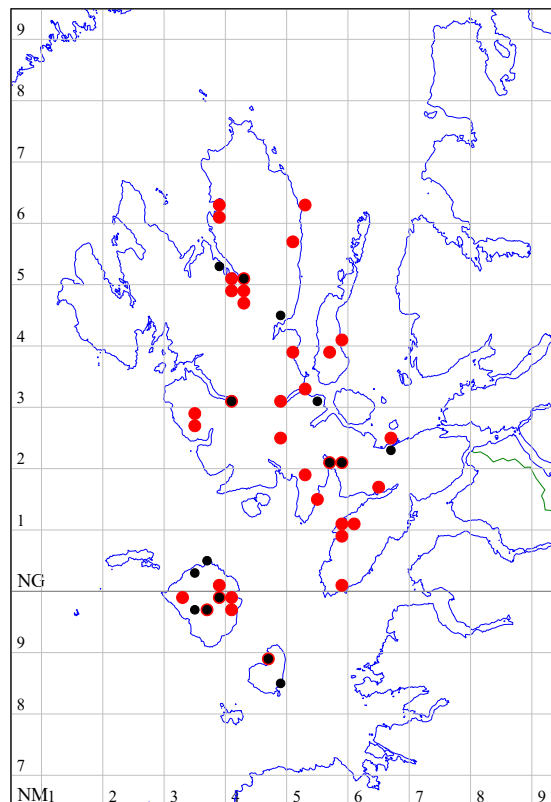
**Pseudorchis albida** (L.) Á. and D. Löve.

Small-white Orchid

*National Status:* Not Scarce, Vulnerable.

*North Eburnes Status:* Not Scarce.

A tuberous native perennial herb of well-drained hill pastures, streamsides, mountain grasslands and cliff ledges on a range of dry, acidic or calcareous soils; also on recently burnt moorland, but not persisting when *Calluna* regrows. Rarely, it occurs in acidic *Quercus* woodland. Nationally many lowland sites for *P. albida* were lost before 1930 due to habitat destruction, agricultural improvement and overgrazing. There have been continued losses since then, although it is now much better recorded. However, it is inconspicuous and may be under-recorded in some areas, especially in the uplands. European Boreal-montane element; also in N. America.



Records for Year <2000 [2km]

Records for Year >=2000 [2km]

**Islands:** Eigg, Raasay, Rum, Skye

Also recorded from Skye **NG14, 15, 24, 25, 26, 33, 41, 46, 47, 60, 72**.

Recorded in the vice-county since 1911.

**Pyrola media** Sw.

Intermediate Wintergreen

*National Status: Scarce, Vulnerable.**Scottish Biodiversity List of species of principal importance for biodiversity conservation.**North Ebumes Status: Not Scarce.*

A native rhizomatous, mycorrhizal, evergreen perennial herb of well-drained, mildly acidic to slightly basic soils in woods and on heaths. It is characteristic of *Arctostaphylos-Calluna* submontane heath derived from former woodland. Nationally *P. media* has been much over-recorded in the past for *P. minor*, with which it often grows. This may, in part, account for the apparently substantial historic decline. It is also very shy-flowering and may be under-recorded. Recently unfavourable woodland management and increased moorland grazing may have contributed to some losses. Eurosiberian Boreal-montane element. Scattered moorland sites, either in grass or rocks.

Location	Hectad	Grid Ref	Date	Recorder
Fasach, Glendale	NG14	NG1849	11/07/1980	Milne, J., Milne, M.
Allt a'Ghamhna	NG24	NG27804805	11/08/2012	Bungard, S.J.
Beinn Bhreac, hill NW of	NG25	NG245551	29/05/1993	Murray, C.W.
Beinn Chreagach	NG25	NG28505221	09/06/2003	Bungard, S.J.
R Hinnisdale to Cuidreach	NG35	NG3857	07/08/1969	Murray, C.W.
R Hinnisdale to Cuidreach	NG35	NG3858	07/08/1969	Murray, C.W.
Ben Tote	NG44	NG41804983	28/07/2008	Bungard, S.J.
Ben Tote, nr Clach Ard	NG44	NG4249	1992	Murray, C.W.
Prabost-Skerinish	NG45	NG4150	18/05/1991	Murray, C.W.
Glam Burn, Raasay	NG54	NG55734286	27/07/2008	Bungard, S.J.
Screapadal, NW of, Raasay	NG54	NG57534460	05/08/2008	Bungard, S.J.
Druim an Aonaich, Raasay	NG54	NG5842	29/08/1997	Murray, C.W.
Carn Dearg, SE of	NG61	NG605159	12/07/1984	Braithwaite, M.E., Cammell, P.F.
Camus Croise, NW of	NG61	NG6911	03/07/1967	Murray, C.W.
Poll nam Partan, Eigg, W of	NM48	NM48	1938	Heslop Harrison, J.W. et al.

**Islands:** Eigg, Raasay, Skye.

Also recorded from Skye NG34.

Recorded in the vice-county since 1938.

Plants from the Glam site have been confirmed by DNA analysis at RBGE in the absence of flowers.

**Pyrola minor** L.

Common Wintergreen

*National Status: Not Scarce, Least Concern.**North Ebumes Status: Scarce.*

A native rhizomatous, mycorrhizal, perennial evergreen herb. In S. England it is a plant of damp woodlands with deep litter, on a variety of soils; elsewhere it occurs in

damp places in heaths, plantations, disused railways, on rock ledges and in sand dunes. Nationally this species has declined throughout its scattered British range through changes in land use and management. The small, southern woodland populations appear particularly vulnerable, with recent losses as sites have become too dry. Circumpolar Boreal-montane element. A strong population exists in ungrazed woodland on a tiny island in a loch on Raasay. The only other recent sighting was a wooded roadside bank on Skye.

Location	Hectad	Grid Ref	Date	Recorder
Dunvegan Castle estate	NG24	NG248493	06/09/1993	Murray, C.W.
Skerinish road	NG45	NG418502	07/05/2001	Murray, C.W.
Loch a'Chadacharnaich, islands in, Raasay	NG53	NG584391	04/08/2006	Bungard, S.J., Tejero, P., Villedas, J.,
Brae, nr, Raasay	NG54	NG559416	03/07/1969	Wegmuller, S.
Screapadal, S of, Raasay	NG54	NG582437	29/06/1979	Creighton, K.
Hallival, Rum	NM39	NM39Y	1938	Heslop Harrison, J.W. et al.

**Islands:** Raasay, Rum, Skye.

Also recorded from Skye NG72.

Recorded in the vice-county since 1777.

### ***Pyrola rotundifolia* subsp. *rotundifolia* L.**

Round-leaved Wintergreen

*National Status: Scarce, Near Threatened.*

*North Ebudes Status: Rare.*

A native rhizomatous, mycorrhizal, evergreen perennial herb. In England it usually grows in damp, calcareous sites including fens, disused chalk-pits and dune-slacks. In Scotland it inhabits open *Pinus sylvestris* woodland, river banks and gullies in open moorland, and montane cliff ledges. This subspecies has undergone a marked decline nationally since 1930, despite some local increases in disused quarries. Reasons for the losses include afforestation, rubbish tipping and changes in fen management. Eurosiberian Boreo-temperate element. Known from a single site in VC 104, on basic cliffs on Raasay.

Location	Hectad	Grid Ref	Date	Recorder
Druim an Aonaich, Raasay	NG54	NG58364238	05/07/2009	Bungard, S.J.

**Islands:** Raasay only.

Recorded in the vice-county since 1995.

**Ranunculus auricomus** L.

Goldilocks Buttercup

*National Status: Not Scarce, Least Concern.**North Ebrudes Status: Rare.*

A native perennial, characteristic of deciduous woodland on chalk, limestone and other basic soils. It also grows in scrub, on roadsides and in churchyards, and rarely on open moorland sheltered by boulders and on montane ledges. It is apomictic, showing considerable variation throughout Europe, though the agamospecies have not yet been formally described in our area. Nationally the range of *R. auricomus* is remarkably stable. European Boreo-temperate element. Uncommon in NW Scotland and only one “recent” record in the vice-county and that is from 1976.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1950-1999	Anon.
Stenscholl river, Staffin	NG46	NG4867	22/05/1976	Murray, C.W.
Allt Camas na Geadaig Scalpay	NG53	NG53	1936	Heslop Harrison, J.W. et al.
Hallaig, Raasay	NG53	NG53	1936	Heslop Harrison, J.W. et al.
Rona, opposite Dry Harbour	NG65	NG65	1936	Heslop Harrison, J.W. et al.

**Islands:** Raasay, Rona, Scalpay, Skye. Recorded in the vice-county since 1936. Also recorded from Raasay/Skye **NG54**, Skye NG42.

**Ranunculus bulbosus** L.

Bulbous Buttercup

*National Status: Not Scarce, Least Concern.**North Ebrudes Status: Scarce.*

A native perennial herb with a corm-like stem-base, found on well-drained, neutral or calcareous soils in meadows, pastures and dunes. It is absent from highly productive, fertile grassland and from strongly acidic soils. Nationally *R. bulbosus* has maintained its range, and can be locally abundant. European Southern-temperate element; widely naturalised outside its native range. The native habitat in VC 104 is sandy ground by the sea.

Location	Hectad	Grid Ref	Date	Recorder
Sanday	NG20	NG265047	18/07/2012	Usher, M.B.
Sanday	NG20	NG26650481	12/06/2009	Bungard, S.J.
Sanday	NG20	NG2704	12/07/1995	Aungier, F.M.
Dunvegan Castle	NG24	NG2449	29/05/1993	Murray, C.W.
Kilmory, Rum	NG30	NG30R	23/06/2003	Pearman, D.A., Farrell, L., Jack. S.
Kilmory, Rum	NG30	NG30S	23/06/2003	Pearman, D.A., Farrell, L., Jack. S.
Glenbrittle, Skye	NG42	NG42A	02/07/2011	Bungard, S.J.
Skeabost Hotel	NG44	NG4148	16/05/1971	Murray, C.W.
Inverarish, Raasay	NG53	NG53	1936	Heslop Harrison, J.W.
Gallanach, Muck	NM48	NM4080	11/06/1995	Bevan, J., Braithwaite, P.F., Murray, C.W.

**Islands:** Canna, Muck, Raasay, Rum, Skye.

Also recorded from Muck NM47, Eigg/Rum NM49, Skye NG34.

Recorded in the vice-county since 1911.

**Ranunculus flammula subsp. scoticus** E.S. Marshall. Lesser Spearwort

*National Status: Scarce, Data Deficient.*

*North Ebuades Status: Not Scarce.*

An endemic perennial herb which grows on stony or peaty substrates at the edge of lakes. This segregate is little known, and has been confused in the past with subsp. *flammula*. It is almost certainly under-recorded. Large plants in lochs are often this subspecies in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Totescore, nr, Skye	NG36	NG36S	26/06/2006	Bungard, S.J.
Prince Charles' Pt, nr, Skye	NG36	NG36T	26/06/2006	Bungard, S.J.
Osmigarry, near	NG37	NG39497183	12/06/2010	Bungard, S.J.
Coir' a' Ghobhain, W of	NG41	NG41541815	02/07/2011	Bungard, S.J.
Ceann na Beinne	NG41	NG42811772	02/07/2011	Bungard, S.J.
Bealach a'Mhaim	NG42	NG42N	1963	Dennis, N.
Loch nan Eilean, Skye	NG43	NG43Q	01/07/2007	Bungard, S.J. & Bradford Botany Group
Loch a Sgath, lochan NW of	NG43	NG46863229	14/05/2012	Bungard, S.J.
Skerinish area, Skye	NG45	NG45A	21/06/2010	Bungard, S.J.
Loch Fada, Braes	NG53	NG5037	21/09/1996	Murray, C.W.
Raasay	NG53	NG5537	25/10/1993	Bungard, S.J.
YHA, pools to N, Raasay	NG53	NG553383	29/06/1991	Bungard, S.J.
Raasay	NG53	NG5635	1992-1999	Bungard, S.J.
Raasay	NG53	NG5637	25/10/1993	Bungard, S.J.
Loch Storab, Raasay	NG53	NG5638	1992-1999	Bungard, S.J.
Raasay	NG53	NG5639	1992-1999	Bungard, S.J.
Raasay	NG53	NG5738	2000-2004	Bungard, S.J.
Raasay	NG54	NG5540	1992-1999	Bungard, S.J.
Loch na Cuillte, Raasay	NG54	NG5747	24/07/1989	Bungard, S.J.
Loch nan Dubhan, Raasay	NG54	NG5949	26/07/1989	Bungard, S.J.
Loch Glac an Ime, Scalpay	NG53	NG59713039	05/05/2008	Bungard, S.J.
Loch Dubh, E of, Scalpay	NG62	NG61532984	07/06/2007	Bungard, S.J.
Loch Cuil na Creige, Skye	NG62	NG62C	03/10/2012	Bungard, S.J.
Loch Braig, Rona	NG65	NG6259	13/06/1999	Bungard, S.J.
Ashaig, E of	NG72	NG71792549	08/06/2007	Bungard, S.J.

**Islands:** Eigg/Muck, Raasay, Rona, Scalpay, Skye.

Also recorded from Eigg/Muck NM48, Skye NG15.

Recorded in the vice-county since 1856.



**Ranunculus omiophyllus** Ten.

Round-leaved Crowfoot

*National Status: Not Scarce, Least Concern.**North Ebeudes Status: Rare.*

A small native annual or short-lived perennial which grows in shallow water or on wet soil. Typical sites include the margins of ponds and ditches, flushes, damp depressions, gateways and tracks in pastures and on heathland, and the sheltered backwaters of rivers. Nationally the species appears to be declining at the fringes of its range. Suboceanic Southern-temperate element.

Location	Hectad	Grid Ref	Date	Recorder
Scalpay	NG53	NG58463026	05/05/2008	Bungard, S.J.
Scalpay	NG52	NG58932903	05/05/2008	Bungard, S.J.
Scalpay	NG52	NG58852910	05/05/2008	Bungard, S.J.
Scalpay	NG62	NG60652751	10/06/2007	Peppé, D., Peppé, W.D.
Scalpay	NG52	NG59552837	07/06/2007	Peppé, D. & W.D., Pendlebury, A. & C.

**Islands:** Scalpay only

Recorded in the vice-county since 2007.

**Ranunculus sceleratus** L.

Celery-leaved Buttercup

*National Status: Not Scarce, Least Concern.**North Ebeudes Status: Scarce.*

A native annual of shallow water or wet, disturbed, nutrient-rich mud, especially at the edges of ponds, ditches, streams or rivers which are poached by drinking livestock. It is salt-tolerant and frequent on grazed estuarine marshes. Its seeds are long-lived and plants can re-appear following disturbance after many years of absence. Nationally the distribution of *R. sceleratus* is stable. Circumpolar Boreo-temperate element, with a disjunct distribution; widely naturalised outside its native range.

Location	Hectad	Grid Ref	Date	Recorder
Canna, SE	NG20	NG20	1938	Heslop Harrison, J.W. et al.
Sanday	NG20	NG28060429	12/06/2009	Bungard, S.J.
Aligro, Skye	NG24	NG28664236	19/08/2006	Bungard, S.J.
West Suisnish, Raasay	NG53	NG5535	24/08/2012	Bungard, S.J.
Loch Papadil, Rum	NM39	NM39R	1948	Heslop Harrison, J.W. et al.

**Islands:** Canna, Raasay, (Rum), Skye.

Recorded in the vice-county since 1938.

Rum record not accepted by Pearman et al. (2008).

**Ranunculus trichophyllus** Chaix ex Vill. Thread-leaved Water-crowfoot*National Status: Not Scarce, Least Concern.**North Ebudes Status: Rare.*

A small annual or perennial which grows in shallow, still or very slowly flowing water. It is most frequent in ponds, dune-slacks and drainage ditches, but it is also found in larger sites if they are sheltered. It tolerates a range of water chemistry but is most frequent in mesotrophic or eutrophic water. Circumpolar Wide-boreal element. In VC 104 apparently restricted to the Storr Lochs on Skye.

Location	Hectad	Grid Ref	Date	Recorder
Loch Fada	NG44	NG49244865	08/08/2012	Bungard, S.J.
Loch Fada	NG44	NG493494	02/08/1989	Steele, K., Duigen, C.A.
Loch Fada	NG44	NG494496	1989	NCC Freshwater Loch Survey
Loch Fada to Loch Leathan	NG45	NG49375014	04/08/2012	Bungard, S.J.
Loch Leathan	NG55	NG505515	02/08/1989	Steele, K., Bell, S.L., Howell, D.
Loch Leathan, NE corner	NG55	NG5152	05/11/1975	Murray, C.W.

**Islands:** Skye only.Also recorded from Skye **NG37, 71**. Recorded in the vice-county since 1962.**Raphanus raphanistrum subsp. raphanistrum** L. Wild Radish*National Status: Not Scarce, Least concern.**North Ebudes Status: Scarce.*

An annual found as a casual or persistent weed in cultivated fields and on roadsides and waste ground. As an archaeophyte, this subspecies has a European Southern-temperate distribution but is widely naturalised outside this range.

Site	Hectad	Grid Ref	Date	Recorder
Canna*	NG20	NG20	pre-1970	Anon.
Trumpan area, Skye	NG26	NG26F	16/08/1996	Muscott, J. & Edinburgh NHS
Portree, Skye	NG44	NG44X	07/10/2004	Farmer, C.
Portree, S of, Skye	NG44	NG477421	16/08/1997	Henriksen, M.
Raasay, South*	NG53	NG53	1957	Webster, M.McC.
Armadale, Skye	NG60	NG63820357	14/07/2007	Bungard, S.J.
Laig Bay, Eigg	NM48	NM47138815	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L., McIntosh, J., Moss, G., Scott R.
Kinloch, Rum	NM49	NM49E	1964	Wormell, P.

\* subspecies assumed

**Islands:** Canna, Eigg, Raasay, Rum, Skye.*Raphanus raphanistrum* or *R. raphanistrum subsp. raphanistrum* also recorded from Skye NG14, 15, 24, 25, 30, 33, 34, 42, 43, 45, 50, 52, 61, 62, 71, 72

Recorded in the vice-county since 1948.

**Rhynchospora fusca** (L.) W.T Aiton

Brown Beak-sedge

*National Status: Scarce, Least Concern.**North Ebudes Status: Rare.*

A native rhizomatous perennial of wet heaths, and the margins of acidic mires, favouring bare peat where competition is limited but preferring somewhat drier sites than *R. alba* in the south of its range. It spreads vegetatively, and may reproduce by seed. Nationally declining as a result of drainage but more frequently because of invading carr following the reduction or cessation of grazing. Suboceanic Boreo-temperate element; also in N. America. Known only from two areas of open bog in VC 104, one each on Rum and Skye.

Location	Hectad	Grid Ref	Date	Recorder
Kilmory river, E side, Rum	NG30	NG36430178	10/06/2003	Preston, C.D., Walker K.J.
Kinloch River watershed, Rum	NG30	NG367003	1976	Stirling, A.McG.
Kinloch River watershed, Rum	NG30	NG36870038	10/06/2003	Preston, C.D., Walker K.J.
Kinloch River, N of, Rum	NG30	NG36970071	10/06/2003	Walker K.J.
Loch nan Eala, Rum	NG30	NG37810024	Jul 2009	Walker K.J.
Sligachan, S of	NG42	NG48072885	30/08/2003	Bungard, S.J.
Sligachan	NG42	NG481287	24/07/2001	Pearman, D.A.
Sligachan	NG42	NG482288	24/07/2001	Pearman, D.A.
Sligachan	NG42	NG483289	24/07/2001	Pearman, D.A.

**Islands:** Rum, Skye.

Recorded in the vice-county since 1965 (Rum), Skye 1995 when found by G. Rothero.

**Ribes spicatum** Robson.

Downy Currant

*National Status: Scarce, Least Concern.**North Ebudes Status: Scarce.*

A native shrub of northern limestone woods, streamsides, ravines and deep grikes in limestone pavement. The native distribution of this species is difficult to ascertain, as cast-outs from cultivation have occasionally become established in the wild. Because identification of this species can only be certain when flowers are present, it has been under-recorded in the past. This is probably still the case, as the flowering season is early. European Boreo-temperate element, with a continental distribution in W. Europe. Restricted in VC 104 to the northwest of Skye with an outlier on the Trotternish Ridge.

Location	Hectad	Grid Ref	Date	Recorder
Oisgill area	NG14	NG12964809	11/07/2011	Farrell, L., MacPherson, J., Scott, R., Walls, R.
Oisgill area	NG14	NG13314894	10/07/2011	Farrell, L., MacPherson, J., Scott, R., Walls, R.
Oisgill area	NG14	NG13354901	10/07/2011	Farrell, L., MacPherson, J., Scott, R., Walls, R.

Oisgill area	NG14	NG13394898	10/07/2011	Farrell, L., MacPherson, J., Scott, R., Walls, R.
Oisgill area	NG14	NG13494904	10/07/2011	Farrell, L., MacPherson, J., Scott, R., Walls, R.
Oisgill area	NG14	NG13624905	10/07/2011	Farrell, L., MacPherson, J., Scott, R., Walls, R.
Waterstein Head	NG14	NG1447	20/07/1997	Murray, C.W.
Waterstein Head	NG14	NG14N	27/06/2006	Farmer, C., Allen, A
Rubha Ban	NG15	NG13315022	10/07/2011	Farrell, L., MacPherson, J., Scott, R., Walls, R.
Sgurr a' Bhagh	NG25	NG248554	22/05/1988	Murray, C.W., Murray, R.M.
Kingsburgh	NG35	NG3856	11/06/1972	Murray, C.W.
Bealach Beag	NG45	NG49705320	31/07/2004	Farmer, C.

**Islands:** Skye only.

Also recorded from Skye NG24, 36.

Recorded in the vice-county since 1868.

**Ruppia cirrhosa** (Petagne) Grande.

Spiral Tasselweed

*National Status: Scarce, Near Threatened.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebudes Status: Rare.*

*R. cirrhosa* is a native perennial aquatic which occurs in similar habitats to *R. maritima*, including coastal lakes, tidal inlets, creeks and brackish ditches. It usually grows in deeper water than *R. maritima* and tolerates more saline conditions, even growing with *Zostera* species. Nationally its distribution is probably stable. Circumpolar Wide-temperate element, but absent from eastern N. America. Known from a single loch on Skye. Needs revisiting in the light of the current understanding of the differences from *R. maritima* (which is also present at this site).

Location	Hectad	Grid Ref	Date	Recorder
Loch na h-Airde, Skye	NG31	NG39371608	07/09/2004	Farmer, C.

**Islands:** Skye only.

Recorded in the vice-county from this site since 1973.

**Ruppia maritima** L.

Beaked Tasselweed

*National Status: Not Scarce, Least concern.*

*North Ebudes Status: Scarce.*

A submerged, annual or perennial aquatic of brackish waters, *R. maritima* grows in shallow water in coastal lakes, pools on saltmarshes, rock pools, creeks and ditches near the sea. It is also found as a dwarf variant on tidal mud-flats, especially in NE Scotland. *R. maritima* had been lost from many sites before 1930, and this loss has continued in the southern part of its range around coastal developments. Circumpolar Wide-temperate element.

Site	Hectad	Grid Ref	Date	Recorder
Dun nam Berbh, Canna	NG20	NG24950523	20/06/2001	Braithwaite, P.F.
Loch na h-Airde, Skye	NG31	NG3916	24/08/1973	Birks, H.J.B., Thompson, B.H.
Amar River saltmarsh, Skye	NG33	NG36373880	27/08/2010	Bungard, S.J.
Drynoch Estuary, Skye	NG43	NG40143123	16/08/2007	Bungard, S.J., McIntosh, J.
Sligachan, E of, Skye	NG43	NG49203065	27/09/2006	Bungard, S.J.
Loch Portree, head of, Skye	NG44	NG476412	05/10/1973	Murray, C.W.
Loch Portree, head of, Skye	NG44	NG476414	04/09/1999	Murray, C.W.
Varagill estuary, Skye	NG44	NG47674133	31/07/2005	Farmer, C.
Varragill Estuary, Skye	NG44	NG47694108	24/04/2010	Bungard, S.J.
Varragill Estuary, Skye	NG44	NG47694111	24/04/2010	Bungard, S.J.
Corran, Eyre, Skye	NG45	NG413517	Nov 1972	Murray, C.W.
Corran, Kensaleyre, Skye	NG45	NG4152	22/09/1997	Murray, C.W.
Oskaig, Raasay	NG53	NG53	16/08/2002	Bungard, S.J., Murray, C.W.
Loch an Amadain, Skye	NG53	NG5335	23/08/1973	Adam, P., Birks, H.J.B.
Oskaig, Raasay	NG53	NG5437	19/05/2008	Bungard, S.J.
An t-Ob, Kyleakin, Skye	NG72	NG74582626	03/09/2006	Bungard, S.J.
Oigh-Sgeir	NM19	NM19	1938	Heslop Harrison, J.W., et al.
Eilean Aird an Uan, Muck	NM38	NM3980	17/06/1996	Braithwaite, P.F., Bevan, J., Murray, C.W.
Eilean Aird an Uan, Muck	NM38	NM3981	17/06/1996	Braithwaite, P.F., Bevan, J., Murray, C.W.
Harris, Rum	NM39	NM39H/M	1938	Heslop Harrison, J.W., et al.

**Islands:** Canna, Muck, Raasay, Rum, Skye.

Also recorded from Eigg/Rum **NM49**.

Recorded in the vice-county since 1915.

### **Sagina apetala** Ard.

Annual Pearlwort

*National Status: Not Scarce, Least Concern.*

*North Ebuades Status: Uncertain.*

This small native overwintering annual is found mainly in very open situations in artificial habitats, including the bases of walls, between paving slabs, on sandy and gravelly paths, forestry tracks and cinders in railway sidings. More natural habitats include gravelly and sandy places on heaths and commons. Nationally perhaps still under-recorded in some areas, making the assessment of changes in distribution difficult. European Southern-temperate element.

Location	Hectad	Grid Ref	Date	Recorder
Ealaist, nr, Canna	NG20	NG20	05/08/1984	Birks, H.J.B., Murray, C.W.
Sanday	NG20	NG20	Aug 1984	Birks, H.J.B., Murray, C.W.
Kilmory to Fionchra, Rum	NG30	NG30	02/07/1955	Webster, M.McC.
Royal Hotel, Portree	NG44	NG4843	1963	Dennis, N.
Sleat and Strath, Skye	NG61	NG61	1978	Webster, M.McC.

Kinloch, Skye	NG71	NG7016	03/07/1978	Webster, M.McC.
Coire Dubh, Rum	NM39	NM39	1948	Raven, J. E.

**Islands:** Eigg?, Raasay, Rum, Skye.

Also recorded from Eigg/Rum NM49, Raasay, NG53, Skye NG15, 23, 25, 47, 51, 53, 61, 71.

Recorded in the vice-county since 1948.

Apart from the Raven record for Rum, which is backed by a specimen, there is some doubt about all these records. Pearman et al. (2008) suggest the plants recorded by Raven were probably accidentally introduced to Rum.

**Sagina maritima** Don

Sea Pearlwort

*National Status: Not Scarce, Least Concern.*

*North EbuDES Status: Scarce.*

A native annual of maritime rock crevices, cliff-tops, stabilised shingle, dune-slacks and disturbed areas in upper saltmarsh on sandy substrates; also on walls and tracks, in pavements and on sandy roadsides near the sea. Nationally there has been little significant change in the distribution of this species over the last 50 years. It has recently been recorded from inland squares beside salt-treated roads. European Southern-temperate element. Very uncommon on sea cliffs or shores in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Meanish, Skye	NG15	NG1550	01/08/1968	Birks, H.J.B.
Canna	NG20	NG2705	2001	Braithwaite, M.E.
Loch Caroy, W side	NG24	NG2942	03/08/1968	Birks, H.J.B.
Ullinish, Skye	NG33	NG323385	05/08/1968	Birks, H.J.B.
Loch Caroy, E side	NG34	NG3042	29/07/1968	Birks, H.J.B.
Rubha Hunish, Skye	NG47	NG41047682	12/06/2010	Bungard, S.J.
Rubh' an Iasgaigh	NG50	NG55250249	04/06/2012	Bungard, S.J.
Camusunary, Skye	NG51	NG5118	1999	Gregory, M.
Camas Malag, Skye	NG51	NG583189	06/08/1968	Birks, H.J.B.
Caolas Scalpay, Skye	NG52	NG5926	30/07/1968	Birks, H.J.B.
Oskaig Pt, Raasay	NG53	NG53	1936	Heslop Harrison, J.W.
Dry Harbour, Rona	NG65	NG65	1936	Heslop Harrison, J.W.
Muck	NM38	NM38	Unknown	Anon.

**Islands:** Eigg?, Muck, Raasay, Rona, Skye.

Also recorded from Eigg/Muck NM48, Skye NG23, 37, 43, 44, 56, 62, 71.

Recorded in the vice-county since 1837.

**Sagina saginoides** (L.) H. Karst.

Alpine Pearlwort

*National Status: Scarce, Endangered.**Scottish Biodiversity List of species of principal importance for biodiversity conservation.**North Ebuades Status: Scarce.*

A tufted, native perennial herb which usually grows on base-rich, well-drained soils. It is a poor competitor, occurring on steep ground, in areas of late snow-lie and areas of severe wind-scour which provide the open conditions it requires. Nationally there does not appear to be any significant change in the last 50 years. Circumpolar Arctic-montane element. Known in VC 104 only from the Trotternish Ridge.

Location	Hectad	Grid Ref	Date	Recorder
Trotternish Ridge	NG45	NG49375411	Aug 2009	Green, I.P., Macdonald, T.
Trotternish Ridge	NG45	NG49585362	Aug 2009	Green, I.P., Macdonald, T.
Trotternish Ridge	NG45	NG49605434	Aug 2009	Green, I.P., Macdonald, T.
Trotternish Ridge	NG45	NG49615459	Aug 2009	Green, I.P., Macdonald, T.
Upper Coire Scamadail	NG45	NG49665458	Aug 2009	Green, I.P., Macdonald, T.
Trotternish Ridge	NG45	NG49805394	Aug 2009	Green, I.P., Macdonald, T.
Quiraing	NG46	NG45066940	Aug 2009	Green, I.P., Macdonald, T.
Quiraing	NG46	NG45156900	Aug 2009	Green, I.P., Macdonald, T.
Bealach Amadal, N of	NG46	NG4561	27/08/1951	Raven, J.E.
Trotternish Ridge	NG47	NG45247051	Aug 2009	Green, I.P., Macdonald, T.
Trotternish Ridge	NG55	NG50015398	Aug 2009	Green, I.P., Macdonald, T.
Old Man of Storr, nr	NG55	NG500540	Aug 1962	Sworder, R.I.

**Islands:** Skye only.

Recorded in the vice-county since at least 1958.

**Salix caprea subsp. sphacelata** (Sm.) McCreight

Goat Willow

*National Status: Scarce, Least Concern.**North Ebuades Status: Rare.*

A native shrub or occasionally a small tree which grows beside lakes, in riverside *Salix* carr, on roadsides and hillsides and most frequently on the sides of rocky streams and in ravines. Nationally this subspecies is almost certainly under-recorded. European Boreal-montane element; widespread in the mountains of C. Europe. Perhaps under-recorded in VC 104. Subsp. *caprea* is, widespread in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Dunvegan, quarry E of	NG24	NG2648	11/08/2012	Bungard, S.J.
Coire na Creiche	NG42	NG42	25/06/1998	Murray, C.W., Bungard, S.J., MacPherson, P.
Loch Mealt	NG56	NG5065	Pre-2000	Webster, M.McC.

**Islands:** Skye only.

Recorded in the vice-county since at least 1998.  
The plant in NG24 is a throw-out that has survived.

**Salix myrsinites** L.

Whortle-leaved Willow

*National Status: Scarce, Endangered.*

*North Ebuades Status: Rare, Extinct?*

A low, spreading native shrub which grows mainly in moist or wet, base-enriched sites on mountains. It is restricted to ungrazed or lightly grazed areas. Nationally, isolated colonies of this species are possibly declining. Its procumbent habit may, however, allow it to escape grazing at some sites. European Arctic-montane element; absent from mountains of C. Europe.

Location	Hectad	Grid Ref	Date	Recorder
Fionchra, N facing cliffs	NG30	NG30F	1944	Clark, W.A.
Minishal, near the top	NG30	NG30K	1956	Clark, W.A.
The Storr, Skye	NG45	NG494541	09/07/1992	Smith, R.E.N.
Sgurr Mor, Skye	NG47	NG443706	10/08/1992	Birks, H.J.B., Murray, C.W., Birks, H.H.
Sgurr Mor, Skye	NG47	NG47	20/10/1997	Murray, C.W.

**Islands:** Rum, Skye.

Recorded in the vice-county since 1944 (Rum), 1968 (Skye).

Rum plants not re-found and record not published with others made at the same time. Pearman et al. (2008) suggest they may have been errors for *Salix herbacea x repens* (*S. x cernua*) which has been confirmed from Minishal.

Attempts in recent years to re-find the Sgurr Mor plant have failed. The Storr grid reference seems unlikely as it is in the middle of the plateau.

**Salix phylicifolia** L.

Tea-leaved Willow

*National Status: Not Scarce, Least concern.*

*North Ebuades Status: Scarce.*

A much-branched shrub or small tree which grows by ponds, streams and rivers, and in damp rocky places, preferring base-rich soils and sometimes associated with Carboniferous limestone. Distribution appears to be stable. Circumpolar Boreo-arctic Montane element.

Site	Hectad	Grid Ref	Date	Recorder
Fionchra, Rum	NG30	NG30	1985	Johnston, L.
Fionchra, SW of, Rum	NG30	NG30F	1941	Heslop Harrison, J.W. et al.
Fionchra N to Glen Shellesder, Rum	NG30	NG30F	1947	Heslop Harrison, J.W. et al.
Eynort, Skye	NG32	NG38412696	30/08/2006	Bungard, S.J.
Allt Meall a'Ghortean, Skye	NG40	NG416017	23/06/1999	Braithwaite, P.F., Bevan, J., Murray, C.W.
Allt Coir' a'Mhadaidh, Skye	NG42	NG43782562	12/07/2012	Bungard, S.J., Peppé. D. & W.D.



Allt Dearg Beag, Skye	NG42	NG4727	20/08/1972	Birks, H.J.B.
Storr, W slope of, Skye	NG45	NG481536	02/08/1965	Murray, R.M.
River Brogaig banks, Skye	NG46	NG47226795	08/07/2009	Bungard, S.J.
River Brogaig banks, Skye	NG46	NG47396803	08/07/2009	Bungard, S.J.
River Broraig, banks, Skye	NG46	NG47416812	08/07/2009	Bungard, S.J.
Lon Horro, Kilmaluag, Skye	NG47	NG434723	04/09/1985	Murray, C.W.
Lon Horro, Kilmaluag, Skye	NG47	NG4373	20/10/1997	Murray, C.W.
Lon Horro, Kilmaluag, Skye	NG47	NG437718	25/04/1973	Murray, C.W.
Balchuirn, Raasay	NG54	NG54	1936	Heslop Harrison, J.W. et al.
Torran, Raasay	NG54	NG54	1936	Heslop Harrison, J.W. et al.
Lealt, Skye	NG56	NG56A	28/06/2005	Bungard, S.J.
Broadford, Skye	NG62	NG64422349	29/06/2007	Bungard, S.J., Wilcox, M., Tregale, A.B.
Kinloch, nr, Rum	NM39	NM39Z	1942	Heslop Harrison, J.W. et al.

**Islands:** Raasay, Rum, Skye.

Also recorded from Eigg/Rum **NM49**, Skye NG72.

Recorded in the vice-county since 1884.

**Salsola kali subsp. kali** L.

Prickly Saltwort

*National Status:* Not Scarce, Vulnerable.

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebudus Status:* Rare.

A somewhat woody native annual of sand and shingle beaches, usually on the drift-line with *Atriplex laciniata*, *Cakile maritima* and *Honckenya peploides* as typical associates. Nationally *S. kali* subsp. *kali* has declined over the last 50 years. Many populations, especially in S. England, have been lost due to excessive recreational pressures, and in some areas there has been a drastic decline. Eurosiberian Southern-temperate element; widely naturalised outside its native range. Limited by scarcity of sandy beaches in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Sanday, S & W	NG20	NG20	1953-1960	Anderson, E.
Kilmory, Rum	NG30	NG3603	10/06/1992	Bevan, J., Braithwaite, P.F., Murray, C.W.
Kilmory, Rum	NG30	NG3604	25/07/1973	Murray, C.W.
Camus Ban, nr Portree, Skye	NG44	NG4942	28/06/1974	Murray, C.W.
Laig Bay, Eigg	NM48	NM4688	12/06/1992	Bevan, J., Braithwaite, P.F., Murray, C.W.
Laig Bay, Eigg	NM48	NM470882	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L., McIntosh, J., Moss, G., Scott R.

**Islands:** Canna, Eigg, Rum, Skye.

Also recorded from Skye **NG54**.

Recorded in the vice-county since 1949.

**Samolus valerandi** L.

Brookweed

*National Status: Not Scarce, Least Concern.**North Ebudus Status: Rare.*

A native deciduous short-lived perennial found in small colonies by permanently wet and often seasonally flooded springs, flushed sea-cliffs, puddles, ditches, lagoons and lake shores. Populations are often impermanent, colonising the small and transient specialised habitats which change as spring lines and water levels shift. Individuals are usually monocarpic, but may take several years to flower. Nationally its distribution is fairly stable. Circumpolar Southern-temperate element. Wet rocky ground near the sea on Skye.

Location	Hectad	Grid Ref	Date	Recorder
Aird of Sleat	NG50	NG597003	02/07/1969	Birks, H.J.B.
Allt nan Leac, mouth of	NG51	NG585184	27/06/1989	Murray, C.W.
Tormore area, Skye	NG60	NG60A	16/07/2005	Farmer, C. & BSBI Field Meeting
Easan Dubh, Tormore	NG60	NG6101	04/07/1973	Methven, A.C.

**Islands:** Skye only.

Also recorded from Skye NG41, 54,

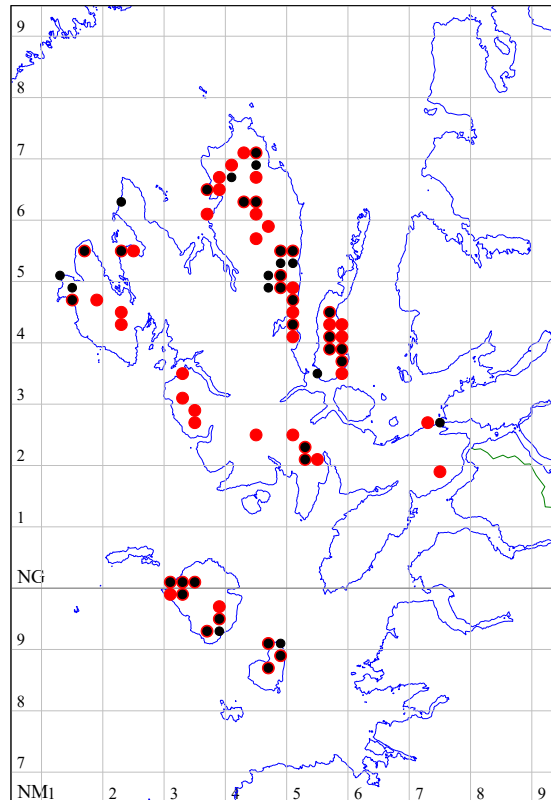
Recorded in the vice-county since 1868.

**Saxifraga hypnoides** L.

Mossy Saxifrage

*National Status: Not Scarce, Vulnerable.**Scottish Biodiversity List of species of principal importance for biodiversity conservation.**North Ebudus Status: Not Scarce.*

A native perennial, stoloniferous herb growing on moist rocks, screes, cliffs and by mountain streams, rarely on sand dunes, often in partial shade. Substrates are frequently base-rich, although it can grow on acidic rocks. It is also cultivated and sometimes escapes. Nationally its distribution is stable. Oceanic Boreal-montane element. Widespread and locally plentiful on damp rock ledges as well as by streams and in flushes at lower altitudes.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Canna, Eigg, Raasay, Rum, Skye.  
Also recorded from Canna NG20.  
Recorded in the vice-county since 1884.

### **Saxifraga nivalis** L.

Alpine Saxifrage

*National Status:* Scarce, Least Concern.

*North Ebeudes Status:* Scarce.

A native perennial, rhizomatous herb growing on damp, shady, base-rich rocks and cliffs. It is usually found in crevices and on ledges where competing vegetation does not overtop it. Nationally the distribution of *S. nivalis* is stable. Circumpolar Arctic-montane element. On rock ledges and among boulders, Trotternish, Cuillins and Rum.

Location	Hectad	Grid Ref	Date	Recorder
Fionchra, NE side of	NG30	NG34050047	24/06/2003	Braithwaite, P.F., Byfield, A.J.
Banachdich col, below	NG42	NG4421	25/10/1980	Murray, C.W.
Coir' a'Ghrunnda	NG42	NG447200	30/08/1972	Birks, H.J.B.
Bidein Druim nan Ramh	NG42	NG45632397	30/07/2003	Green, I.P., Jepson, P.
Fionn Choire	NG42	NG463256	06/06/1978	Craven, A.F.
Coire a'Bhasteir	NG42	NG465253	01/07/2008	Harrison, T.
Am Basteir	NG42	NG46592526	2003	Green, I.P., Jepson, P.
Am Basteir, below	NG42	NG46712533	16/07/2003	Green, I.P., Jepson, P.
Knight's Peak	NG42	NG47172556	16/07/2003	Green, I.P., Jepson, P.

Trotternish Ridge	NG45	NG47245837	Aug 2009	Green, I.P., Macdonald, T.
Sgurr a'Mhadaidh Ruaidh	NG45	NG47385867	Aug 2009	Green, I.P., Macdonald, T.
Storr	NG45	NG495538	02/03/1976	Hall, E.G.
Core Faoin	NG45	NG49755375	17/07/2012	Bungard, S.J., Peppé, W.D. & D.
Coire Faoin boulderfield	NG45	NG49855395	12/08/2004	Halcrow, V.M.
Trotternish Ridge	NG45	NG49905391	Aug 2009	Green, I.P., Macdonald, T.
Coire Faoin boulderfield	NG45	NG49915390	17/07/2012	Bungard, S.J., Peppé, W.D. & D.
Coire Faoin boulderfield	NG45	NG49915393	12/08/2004	Halcrow, V.M.
Trotternish Ridge	NG45	NG49975389	Aug 2009	Green, I.P., Macdonald, T.
Trotternish Ridge	NG45	NG49995405	Aug 2009	Green, I.P., Macdonald, T.
Dun Dubh	NG46	NG4466	03/04/1985	Murray, C.W.
Quiraing	NG46	NG45066939	10/08/2004	Halcrow, V.M.
Quiraing	NG46	NG450695	07/03/1976	Hall, E.G.
Coire Amadal, head of	NG46	NG451608	05/07/1967	Birks, H.J.B.
Trotternish Ridge	NG46	NG45196897	Aug 2009	Green, I.P., Macdonald, T.
Storr	NG55	NG50005405	12/08/2004	Halcrow, V.M.
Askival, N ridge, Rum	NM39	NM393953	1981	Gilbert, O.L.

**Islands:** Rum, Skye.

Recorded in the vice-county since 1778.

**Schedonorus arundinaceus** (Schreb.) Dumort  
(**Festuca arundinacea**)

Tall Fescue

*National Status: Not Scarce, Least concern.*

*North Ebudes Status: Scarce.*

A robust perennial of scrub and woodland margins, hedgerows, pastures and meadows, river gravel, roadsides, railway banks and waste ground, on neutral or basic soils. It is also found along the banks of tidal rivers in places liable to inundation by brackish or sea water, and on slumping sea-cliffs. *S. arundinaceus* was formerly used in seed mixtures and is only a relic of cultivation in some areas. However, it appears to have become much more frequent in recent years, although it may previously have been confused with *S. pratensis*. It can persist in swards that are infrequently mown. Eurosiberian Southern-temperate element; widely naturalised outside its native range. A track- and road-side plant in VC 104.

Site	Hectad	Grid Ref	Date	Recorder
Sanday	NG20	NG20	1938	Heslop Harrison, J.W. et al.
Struan, W of, Skye	NG33	NG33833847	20/06/2011	Bungard, S.J.
Struan, Skye	NG33	NG34033834	19/05/2008	Bungard, S.J.
Struan, Skye	NG33	NG34083828	20/06/2011	Bungard, S.J.
Struan, Skye	NG33	NG34333814	20/06/2011	Bungard, S.J.
Fernilea, Skye	NG33	NG36643370	09/06/2006	Bungard, S.J.
Ose, Skye	NG34	NG31544075	21/05/2008	Bungard, S.J.
Gearymore, Skye	NG34	NG31554076	20/06/2011	Bungard, S.J.
Gearymore, Skye	NG34	NG31864048	20/06/2011	Bungard, S.J.

Drynoch, Skye	NG43	NG41333141	06/06/2011	Bungard, S.J.
Kilbride-Torrin road, Skye	NG52	NG5820	04/07/1978	Webster, M.McC.
Storr, W of, beside A855	NG55	NG51395381	08/06/2011	Bungard, S.J.
Storr, W of, beside A855	NG55	NG51425476	08/06/2011	Bungard, S.J.
Storr, W of, beside A855	NG55	NG51475424	08/06/2011	Bungard, S.J.
Rigg, beside A855, Skye	NG55	NG51815697	08/06/2011	Bungard, S.J.
Heaste, Skye	NG61	NG65121647	04/06/2006	Bungard, S.J.
Broadford, Skye	NG62	NG64012357	02/07/2007	Bungard, S.J.
Kinloch Lodge Hotel, Skye	NG71	NG7115	03/07/1978	Webster, M.McC.

**Islands:** Canna, Eigg/Muck, Skye.

Also recorded from Eigg/Muck NM48, Skye NG24, **32**, 44.

Recorded in the vice-county since 1897.

**Schedonorus giganteus** (L.) Holub  
(*Festuca gigantea*)

Giant Fescue

*National Status:* Not Scarce, Least concern.

*North EbuDES Status:* Scarce.

A tufted perennial herb of moist woodland on neutral to base-rich soils, often associated with *Brachypodium sylvaticum* and *Bromopsis ramosa*. It is particularly frequent beside streams, along rides, in disturbed areas in clearings and on woodland margins, and as a colonist of secondary woodland. The distribution of *S. giganteus* is stable or slightly increasing. European Temperate element; also in C. Asia.

Site	Hectad	Grid Ref	Date	Recorder
Sanday, Canna	NG20	NG20	Unknown	Anon.
Fiskavaig Bay, Skye	NG33	NG338345	17/08/2011	Gaskell, L.
Torrin, Skye	NG52	NG52Q	08/09/1988	Murray, C.W., Murray, R.M.
Torrin, road to shore, Skye	NG52	NG5720	14/08/1974	Murray, C.W.
Screapadal, Raasay	NG54	NG578441	29/08/1994	Bungard, S.J.
Upper Tote, nr, Skye	NG55	NG55J	20/05/2003	Bungard, S.J.
Armadale area, Skye	NG60	NG6204	1996	Gregory, M.
Kinloch Lodge Hotel, Skye	NG71	NG7015	03/07/1978	M.McC. Webster, Clark, J.W.
Leitir Fura, Skye	NG71	NG734157	1987	Fenton, J.H.C.

**Islands:** Canna, Raasay, Skye.

Also recorded from Skye NG51, 61, **62**.

Recorded in the vice-county since 1915.

**Schedonorus pratensis** (Huds.) P. Beauv.  
(*Festuca pratensis*)

Meadow Fescue

*National Status: Not Scarce, Least concern.**North Ebudus Status: Scarce.*

A short-lived perennial found in a wide range of neutral grasslands, usually on fertile soils, including pastures, hay- and water-meadows. It is often sown for fodder and has become naturalised on roadsides, railway banks and waste ground. The native distribution of *S. pratensis* has been obscured by sowing, and it may only occur in N. & W. Britain and W. Ireland as a relic of cultivation. It may be decreasing due to the loss of wet meadows and a decline in its popularity in grass mixtures. Eurosiberian Boreo-temperate element, but widely naturalised so that distribution is now Circumpolar Boreo-temperate.

Site	Hectad	Grid Ref	Date	Recorder
Geary, Skye	NG26	NG26436244	01/06/2006	Bungard, S.J.
Geary, Skye	NG26	NG26646223	01/06/2006	Bungard, S.J.
Kilmory, Rum	NG30	NG30	1965	Eggeling, W.J.
Totescore, Skye	NG36	NG36T	26/06/2006	Bungard, S.J.
Tarskavaig, Skye	NG51	NG51V	29/06/2007	Bungard, S.J. & Bradford Botany Group
Ardvasar, Skye	NG60	NG63260315	05/06/2006	Bungard, S.J.
Broadford, Skye	NG62	NG64002355	14/07/2007	Bungard, S.J.
Broadford, Skye	NG62	NG64212349	24/06/2006	Bungard, S.J.
Eigg	NM48	NM48	Jul 1972	Murray, C.W.

**Islands:** Eigg, Rum, Skye.

Also recorded from Skye NG14, 24, 25, 35, 71.

Recorded in the vice-county since 1938.

**Schoenoplectus tabernaemontani** (C.C.Gmel) Palla.

Grey Club-rush

*National Status: Not Scarce, Least Concern.**North Ebudus Status: Scarce.*

A rhizomatous native perennial herb, most frequent in coastal sites where it grows in brackish water in rivers, dykes, tidal channels, lagoons and dune-slacks; also in depressions in saltmarsh and in wet pasture. Inland, it occurs by lakes, ponds, slow-flowing rivers, streams and canals, and in flooded quarries and pits. Nationally the plant is increasing. This might, in part, be due to better recording now that its ability to grow inland is appreciated. It has also colonised newly created gravel-pits, and may have been planted at some of its inland sites. Eurasian Southern-temperate element. Coastal or near coastal in most sites in VC 104, but the Elgol marsh site is farther inland.

Location	Hectad	Grid Ref	Date	Recorder
Aligro, N of, Skye	NG24	NG2842	19/08/2006	Bungard, S.J.
Loch na h-Airde, Skye	NG31	NG3916	03/08/1996	Murray, C.W.
Elgol marsh, Skye	NG51	NG52721425	21/06/2008	Bungard, S.J.
Muck	NM48	NM40208068	11/08/2009	Bungard, S.J.

**Islands:** Muck, Skye.

Also recorded from Muck NM47.

Recorded in the vice-county since 1965.

**Scilla verna** Hudson.

Spring Squill

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Rare.*

A bulbous native perennial herb of short turf and maritime heath on exposed cliff-tops and on rocky slopes near the sea, sometimes within the zone regularly affected by sea-water spray. In areas with a pronounced oceanic climate (e.g. Anglesey) it can occur on heathland well inland. Nationally there is no evidence of any significant change in the distribution of *S. verna* over the last 50 years. Oceanic Temperate element.

Reported from Rum in 1886 but not recorded since and the recorder failed to record bluebell which was then also included in the genus *Scilla*. Informally reported as seen on Skye, but never confirmed. Well established on Canna.

Location	Hectad	Grid Ref	Date	Recorder
Canna (ex Sanday)	NG20	NG20	Aug 1984	Birks, H.J.B., Murray, C.W.
Sanday	NG20	NG20	14/06/1992	Muscott, J., et al.
Sanday	NG20	NG26400443	12/06/2009	Bungard, S.J.
Sanday	NG20	NG26440419	12/06/2009	Bungard, S.J.
Sanday	NG20	NG26470472	12/06/2009	Bungard, S.J.
Rum		Unknown	1886	Grieve, S.

**Islands:** Canna, Rum.

Recorded in the vice-county since 1938.

**Scrophularia auriculata** L.

Water Figwort

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

A native perennial herb of wet places on the margins of lakes, rivers, streams and canals, and in ditches, marshes and wet woodlands. Nationally the species' distribution remains stable. Suboceanic Southern-temperate element. Probably arisen in VC 104 from a series of introductions; spreading well in the Dunvegan area.

Location	Hectad	Grid Ref	Date	Recorder
Borreraig, Skye	NG15	NG19265335	09/07/2011	Farmer, C., Irvine, C., Jack, S., Wilson, A., Smith, M.
Dunvegan Castle	NG24	NG2449	16/06/1974	Murray, C.W.
Dunvegan, Skye	NG24	NG24994809	16/08/2012	Bungard, S.J.
Dunvegan Hotel	NG24	NG25234773	03/08/2011	Bungard, S.J.
Dunvegan, quarry E of	NG24	NG2648	11/08/2012	Bungard, S.J.
Lonmore, Skye	NG24	NG266464	11/08/2012	Bungard, S.J.
Lonmore, SE of	NG24	NG275459	11/08/2012	Bungard, S.J.
Clachan, Raasay	NG53	NG54893639	18/10/2012	Bungard, S.J.
Loch Cill Chriosd, roadside at	NG62	NG61482048	02/07/2007	Bungard, S.J. & Bradford Botany Group
Kyleakin, SW of, Skye	NG72	NG73152456	10/09/2012	Bungard, S.J.
Kyleakin, SW of, Skye	NG72	NG73172459	10/09/2012	Bungard, S.J.
Kyleakin, SW of, Skye	NG72	NG73222470	10/09/2012	Bungard, S.J.

**Islands:** Raasay, Skye.

Also recorded from Skye NG43, 54.

Recorded in the vice-county since 1958.

### **Senecio sylvaticus** L.

Heath Groundsel

*National Status: Not Scarce, Least concern.*

*North Ebudas Status: Scarce.*

An annual of open habitats on heaths, in cleared and burnt woodland, on bushy commons, banks and sea-cliffs, usually growing on sandy, non-calcareous soils. Distribution of appears stable. European Temperate element. In VC 104 mostly found at the top of shores or in cleared woodland, but also ruderal sites and in one case long-established on a ruined building.

Site	Hectad	Grid Ref	Date	Recorder
Orbost, S of, Skye	NG24	NG25544166	23/08/2006	Bungard, S.J.
Ullinish Lodge	NG33	NG3237	24/07/2009	Bungard, S.J.
Ullinish quarry, Skye	NG33	NG3338	10/06/1968	Murray, C.W.
Raasay, cemetery, nr	NG53	NG549370	26/08/1997	Bungard, S.J.
Suisnish Point, Raasay	NG53	NG551350	03/07/2006	Bungard, S.J.
Glen Lodge, N of, Raasay	NG53	NG564368	24/08/1996	Bungard, S.J.
Screapadal, track to, Raasay	NG54	NG5845	22/05/2005	Bungard, S.J.
Gleann Meadhonnach, Skye	NG60	NG603056	22/07/2011	Bungard, S.J.
Camus Croise, W of, Skye	NG61	NG61V	16/08/2005	Bungard, S.J.
Loc Airigh na Saorach, Skye	NG62	NG62V	05/08/2005	Bungard, S.J.
Kyleakin, W of, Skye	NG72	NG74012645	13/05/2006	Bungard, S.J.
Kylerhea, Skye	NG72	NG78852041	29/05/2008	Bungard, S.J.
Harris Bothy, Rum	NM39	NM39H	1998	Dixon, C.
Eigg	NM48	NM43988557	08/06/2008	Bungard, S.J., McIntosh, J.
Glac an Dorchadais, nr, Eigg	NM48	NM47108640	09/06/2008	Bungard, S.J., Farrell, L., McIntosh, J.



**Islands:** Eigg, Raasay, Rum, Skye.  
Also recorded from Skye NG44, 46, 47, 71.  
Recorded in the vice-county since 1868.

**Sibbaldia procumbens** L.

Sibbaldia

*National Status: Scarce, Vulnerable.*

*North EbuDES Status: Scarce.*

This montane native perennial herb has two main habitats. It is most abundant in areas of late snow-lie, in corries and hollows and especially under cornices along a ridge. Its other main habitat is on bare, stony surfaces of high plateaux, often in areas of severe wind-scour where permanent snow does not lie. *S. procumbens* is under-recorded in some areas, and its national distribution is thus incompletely known. Circumpolar Arctic-montane element, with a disjunct distribution. Restricted in VC 104 to the Trotternish Ridge, Blaven and the Kyleakin Hills.

Location	Hectad	Grid Ref	Date	Recorder
Storr, nr summit	NG45	NG4953	1949	Webster, M.McC.
Meall na Suireamach, to N	NG46	NG4469	26/09/1998	Murray, C.W.
Quiraing, Skye	NG46	NG454686	1964	Sworder, R.I.
Ben Edra, Skye	NG46	NG45486206	30/08/2012	Bungard, S.J.
Ben Edra, Skye	NG46	NG45506226	30/08/2012	Bungard, S.J.
Bealach Amadal, S of	NG46	NG45516104	30/08/2012	Bungard, S.J.
Bealach Amadal, S of	NG46	NG45516106	30/08/2012	Bungard, S.J.
Ben Edra, Skye	NG46	NG45516223	30/08/2012	Bungard, S.J.
Bealach Amadal, S of	NG46	NG45526104	30/08/2012	Bungard, S.J.
Bealach Amadal, S of	NG46	NG45526105	30/08/2012	Bungard, S.J.
Beinn Mheadhonach, S of	NG46	NG45546146	30/08/2012	Bungard, S.J.
Beinn Mheadhonach, S of	NG46	NG45546147	30/08/2012	Bungard, S.J.
Trotternish Ridge	NG46	NG45546149	Aug 2009	Green, I.P., Macdonald, T.
Beinn Mheadhonach, S of	NG46	NG45546151	30/08/2012	Bungard, S.J.
Beinn Mheadhonach, S of	NG46	NG45556153	30/08/2012	Bungard, S.J.
Beinn Mheadhonach	NG46	NG45556188	30/08/2012	Bungard, S.J.
Beinn Mheadhonach	NG46	NG45556192	30/08/2012	Bungard, S.J.
Trotternish Ridge, Skye	NG46	NG45576191	Aug 2009	Green, I.P., Macdonald, T.
Ben Edra, Skye	NG46	NG45586281	30/08/2012	Bungard, S.J.
Beinn Mheadhonach	NG46	NG45596160	30/08/2012	Bungard, S.J.
Beinn Mheadhonach	NG46	NG45606163	30/08/2012	Bungard, S.J.
Beinn Mheadhonach	NG46	NG45606178	30/08/2012	Bungard, S.J.
Sgurr Mor, below	NG47	NG4470	03/08/1970	Murray, C.W.
Coire Uaigneach, Skye	NG52	NG541215	27/05/2004	Hodgetts, N.G.
Coire Uaigneach, Skye	NG52	NG542217	1967	Birks, H.J.B.
Sgurr na Coinnich, Skye	NG72	NG7521	08/08/1983	Murray, C.W., Murray, R.M.
Fraoch-choire, head of	NG72	NG75412238	23/07/2009	Bungard, S.J.

**Islands:** Skye only.

Recorded in the vice-county since 1949.

**Sinapis arvensis** L.

Charlock

*National Status: Not Scarce, Least concern.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*North Ebrudes Status: Scarce.*

An annual, abundant as a weed of cultivation over much of the British Isles and also found on roadsides, railways, tips and waste ground. It is now a frequent weed associated with roadworks. As an archaeophyte *S. arvensis* has a Eurosiberian Temperate distribution; it is widely naturalised outside this range.

Site	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1938	Heslop Harrison, J.W. et al.
Sanday	NG20	NG20	1938	Heslop Harrison, J.W. et al.
Knockbreck to Geary	NG26	NG26Q	16/08/1996	Muscott, J. & Edinburgh NHS
Borneskataig area	NG37	NG37Q	28/06/2006	Bungard, S.J.
Tarskavaig area, Skye	NG50	NG50Z	14/06/2006	Bungard, S.J.
Torrin, Skye	NG52	NG5720	05/07/1978	Webster, M.McC.
Oskaig, nr, Raasay	NG53	NG5437	1992-1999	Bungard, S.J.
Oskaig, Raasay	NG53	NG5438	2000-2004	Bungard, S.J.
Clachan, Raasay	NG53	NG54893639	18/10/2012	Bungard, S.J.
Suisnish Point, Raasay	NG53	NG551350	03/07/2006	Bungard, S.J.
East Suisnish, Raasay	NG53	NG5534	1992-1999	Bungard, S.J.
Balacuirn, Raasay	NG54	NG5540	30/08/1996	Bungard, S.J.
Pabay	NG62	NG62	1938	Heslop Harrison, J.W. et al.
Strollamus area, Skye	NG62	NG62D	30/06/2006	Bungard, S.J.
Muck	NM47	NM42097965	11/08/2009	Bungard, S.J.
Cleadale area, Eigg	NM48	NM48U	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L., McIntosh, J., Moss, G., Scott R.
Kinloch, Rum	NM49	NM49E	1964	Eggeling, W.J.

**Islands:** Canna, Eigg, Muck, Pabay, Raasay, Rum, Skye.

Also recorded from Skye NG24, 35, 36, 42, 44, 46, 47, 60, 72.

Recorded in the vice-county since 1936.

**Sisymbrium officinale** (L.) Scop.

Hedge Mustard

*National Status: Not Scarce, Least Concern.*

*North Ebrudes Status: Scarce.*

An archaeophyte annual or biennial herb of dry, neutral or base-rich soils, doing best in open situations and frequent in cultivated ground, on roadsides and waste ground. It

is almost invariably associated with man, but it also occurs rarely in natural habitats such as river-banks. Nationally its distribution is stable. European Southern-temperate distribution, but it is widely naturalised so that its distribution is now Circumpolar Southern-temperate. Occasional in ruderal habitats in VC 104. Perhaps increasing.

Location	Hectad	Grid Ref	Date	Recorder
Sanday	NG20	NG20	1938	Heslop Harrison, J.W. et al.
Home Farm, Portree	NG44	NG47744429	01/10/2008	Bungard, S.J.
Raasay, cemetery, nr	NG53	NG5537	23/07/2006	Bungard, S.J.
Broadford area	NG62	NG62R	May 2000	Gregory, M.
Kyleakin area	NG72	NG72N	20/08/2005	Farmer, C.
Dunringell, Skye	NG72	NG7426	17/09/1978	Webster, M.McC.
An t-Ob, Kyleakin	NG72	NG7526	05/07/1978	Murray, C.W., et al.
Eigg	NM48/49	Unknown	1938	Heslop Harrison, J.W. et al.
Kinloch, Rum	NM49	NM49E	1938	Heslop Harrison, J.W. et al.

**Islands:** Canna, Eigg, Raasay, Rum, Skye.  
Recorded in the vice-county since 1938.

**Sorbus rupicola** (Syme) Hedl.

Rock Whitebeam

*National Status: Scarce, Least Concern.*

*North Ebuades Status: Scarce.*

A native shrub or small tree of cliffs and rock outcrops, generally found on hard limestones or other basic rocks, most often in exposed sites but also in less exposed rocky woodland. Nationally this is the most widespread apomictic *Sorbus* species in Britain, but many populations are small, sometimes consisting of only a single tree. The distribution appears to be stable. Suboceanic Boreal-montane element; it has a widely disjunct distribution in Britain, Estonia, Norway and Sweden. Cliffs near the sea in very limited areas of Raasay, Rum and Skye.

Location	Hectad	Grid Ref	Date	Recorder
Carn Mor, S end, Skye	NG51	NG52161553	21/06/2008	Bungard, S.J.
Kilmarie, Skye	NG51	NG5515	24/08/1971	Murray, C.W.
Drinan, Skye	NG51	NG5515	24/08/1971	Murray, C.W.
Kilmarie, coast south of	NG51	NG5516	June 1966	Stirling, A.M.
Carn Dearg, Suisnish, Skye	NG51	NG5915	19/06/1966	BSBI/CSSF Field Meeting
Hallaig, W of, Raasay	NG53	NG58483845	29/06/2009	Bungard, S.J.
Beinn na Lice, S of, Raasay	NG53	NG594364	03/08/1995	Bungard, S.J.
Leac, Raasay	NG53	NG59783782	21/07/2004	Bungard, S.J.
Rubha na' Leac, Raasay	NG53	NG59863813	July 2007	Bungard, S.J.
Rubha na' Leac, Raasay	NG53	NG59923816	21/07/2004	Bungard, S.J.
Harris, NW of, Rum	NM39	NM32709641	22/06/2003	Rothero, G.P.

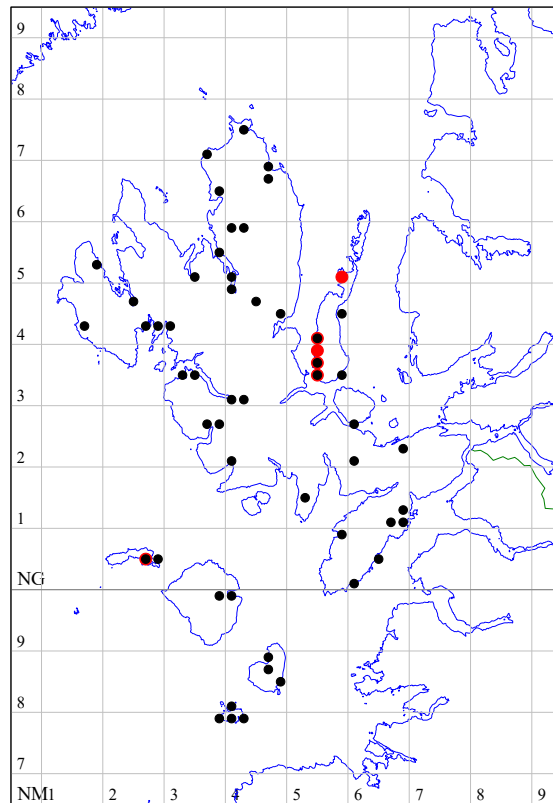
**Islands:** Raasay, Rum, Skye. Recorded in the vice-county since 1936.

***Spergula arvensis* L.**

Corn Spurrey

*National Status: Not Scarce, Vulnerable.**North Eburnes Status: Not Scarce*

The only native populations of this annual appear to be those of the genetically dwarf var. *nana* on granite cliff ledges in the Channel Islands. Elsewhere it is an archaeophyte found in open, disturbed habitats on light, often sandy soils, most frequently in arable fields but also on seashores, roadsides and waste ground. It tends to avoid calcareous soils. Nationally it has markedly declined as a result agricultural intensification and the loss of arable land in the uplands. Eurosiberian Wide-temperate element, but widely naturalised so that distribution is now Circumpolar Wide-temperate. The position in Scotland is such that the “vulnerable” designation is not appropriate. Freshly disturbed ground anywhere in the vice-county that has previously been cultivated tends to result in considerable growth of this plant. Can be an irritating garden weed.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Canna, Eigg, Muck, Raasay, Scalpay, Soay, Skye.

Also recorded from Rum NG30, Skye NG25, 26, 41, 52, 71, 72, Soay NG41.

Recorded in the vice-county since 1936.

**Stachys arvensis** (L.) L.

Field Woundwort

*National Status: Not Scarce, Near Threatened.**Scottish Biodiversity List of species of principal importance for biodiversity conservation.**North Ebrudes Status: Rare.*

An archaeophyte summer- or winter-annual of arable fields, allotments and gardens, waste ground and road verges, usually on non-calcareous soils. It occurs on limestone outcrops in W. Ireland. *S. arvensis* was formerly a frequent weed of arable land which is now declining nationally. Suboceanic Southern-temperate distribution; it is widely naturalised outside this range. Largely lost in the vice-county owing to the decline in arable farming. Only recent records are from Eigg and Muck.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1953-1960	Anderson, E.
Cleadale, Eigg	NM48	NM4789	25/08/1999	Murray, C.W., Braithwaite, P.F.
Muck	NM48	NM421804	15/09/2000	Braithwaite, M.E. & P.F.
Muck	NM48	NM40518004	11/08/2009	Bungard, S.J.

**Islands:** Canna, Eigg, Muck, Skye.

Also recorded from Skye NG36, 45, 47, 51, 72.

Recorded in the vice-county since 1938. Not seen on Skye since at least 1975.

**Thalictrum minus** L.

Lesser Meadow-rue

*National Status: Not Scarce, Least Concern.**North Ebrudes Status: Scarce.*

A morphologically variable, native perennial herb found in calcareous or other base-rich habitats where competition is low, including fixed dunes, scrubby banks, rocky lake and river edges, limestone and serpentine cliffs, limestone grassland and pavement and montane rock ledges. It also occurs in other habitats, including churchyards, hedge banks and roadsides, as a garden escape. Nationally its native distribution is stable. Eurasian Boreo-temperate element. Restricted in VC 104 to the limited sandy coastal areas.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1938	Heslop Harrison et al.
Sanday	NG20	NG26660479	12/06/2009	Bungard, S.J.
Kilmory Bay, Rum	NG30	NG364040	1997	Hutcheon, K.E.
Kilmory Bay, Rum	NG30	NG365039	25/07/2000	Pearman, D.A.
Samhnan Insir, Rum	NG30	NG37710446	27/08/2004	Rothero, G.P., Bungard, S.J.
Samhnan Insir, Rum	NG30	NG37730455	23/06/2003	Pearman, D.A., Farrell, L., Jack, S.
Glen Brittle beach, Skye	NG42	NG41172045	08/09/2006	Bungard, S.J.
Muck	NM47	NM47	18/07/1973	Roger, J.G., Brownlie, J.C., Prain, A.
Gallanach, Muck	NM48	NM4080	1938	Heslop Harrison et al.

Laig Bay, Eigg	NM48	NM4788	12/06/1992	Bevan, J., Braithwaite, P.F., Murray, C.W.
Laig Bay, Eigg	NM48	NM48U	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L., McIntosh, J., Moss, G., Scott R.
Na Gurrabain, Eigg	NM48	NM4884	27/08/1999	Bevan, J., Braithwaite, P.F., Murray, C.W.

**Islands:** Canna, Eigg, Muck, Rum, Skye.  
Also recorded from Rum **NM39**, Skye NG31  
Recorded in the vice-county since 1910.

### **Thlaspi arvense** L.

Field Penny-cress

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Rare. Extinct.*

An archaeophyte annual found as an arable weed, particularly with broad-leaved crops and mainly on heavier soils. It is also a frequent weed on disturbed roadsides, and in waste places and gardens. Nationally the plant has increased in frequency in the north and west of its range over the last few years. Eurasian Temperate distribution, but it is naturalised in N. America so its distribution is now Circumpolar Temperate. A single record in the form of a herbarium specimen.

Location	Hectad	Grid Ref	Date	Recorder
Soay Harbour	NG41	NG450150	20/06/1946	Gordon, Miss V.

**Islands:** Soay only  
Recorded only in 1946. Voucher specimen in **LIV**.

### **Tofieldia pusilla** (Michx.) Pers.

Scottish Asphodel

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

A rhizomatous, native perennial herb growing by streams and in calcareous flushes, requiring constant moisture but not waterlogged conditions. Nationally the distribution of *T. pusilla* appears to be stable. Circumpolar Arctic-montane element. The Rum populations are the most westerly in the British Isles. The Raasay record from the 1930s has never been re-found despite extensive searches. The Skye population should be looked for again.

Location	Hectad	Grid Ref	Date	Recorder
An Garbh-Choire, Skye	NG42	NG461200	04/08/1978	Bull, S., Monie, H.
Dun Caan, Raasay	NG53	NG53	1936	Heslop Harrison, J.W. et al.
Ruinsival, Rum	NM39	NM358938	1997	Scottish Natural Heritage
Ruinsival, Col E of	NM39	NM36129341	25/06/2003	BSBI Field Meeting
Barkeval, summit ridge	NM39	NM37549715	21/08/2004	Rothero, G.
Barkeval, N slopes	NM39	NM37799742	21/08/2004	Rothero, G.
Barkeval, N slopes	NM39	NM37839733	21/08/2004	Rothero, G.

Barkeval, N slopes	NM39	NM37889774	21/08/2004	Rothero, G.
Trallval, E slopes	NM39	NM379951	24/08/2004	Bungard, S.J.
Barkeval summit	NM39	NM379972	1997	Scottish Natural Heritage
Coire Dubh, west side	NM39	NM38429785	21/08/2004	Rothero, G.
Bealach Barkeval	NM39	NM38639698	21/08/2004	Rothero, G.
Bealach Bairc-mheall	NM39	NM38649700	25/06/2003	Walker, K.J.
Coire Dubh	NM39	NM38939758	26/08/2004	Walker, K.J., Lambdon, P.W.
Allt Slugan a'Choilich	NM39	NM39149803	23/06/2003	BSBI Field Meeting
Cnapan Breaca, Rum	NM39	NM39259729	23/06/2003	BSBI Field Meeting
Hallival, N side, Rum	NM39	NM39269688	21/08/2004	Rothero, G.
Askival, Rum	NM39	NM39319598	25/06/2003	BSBI Field Meeting
Hallival, N of, Rum	NM39	NM39319677	26/08/2004	Walker, K.J., Lambdon, P.W.
Allt Slugan a'Choilich	NM39	NM39369838	23/06/2003	BSBI Field Meeting
Glen Dibidil-Askival	NM39	NM39539475	24/08/2004	Lambdon, P.W., McIntosh, J.
Allt nam Ba, Rum	NM39	NM39909460	25/06/2003	BSBI Field Meeting
Loch Coire nan Grunnd	NM49	NM40409568	27/08/2004	McIntosh, J.W., Walker, K.J.
Loch Coire nan Grunnd	NM49	NM40679551	25/06/2003	BSBI Field Meeting
Allt Mor na h-Uamha	NM49	NM40419618	27/08/2004	McIntosh, J.W., Walker, K.J.
Allt Mor na h-Uamha	NM49	NM40689655	27/08/2004	McIntosh, J.W., Walker, K.J.

**Islands:** Raasay, Rum, Skye.

Also recorded from Raasay **NG54**.

Recorded in the vice-county since 1772.

**Torilis japonica** (Houtt.) DC.

Upright Hedge-parsley

*National Status: Not Scarce, Least concern.*

*North Ebudes Status: Scarce.*

An annual, or rarely biennial, herb of dry neutral and basic soil, found in woodland margins, hedgerows, rough and rank grassland, and on roadside verge. The distribution of *T. japonica* appears to be stable. Eurasian Temperate element; widely naturalised outside its native range. Found on coastal sites and roadsides in VC 104.

Site	Hectad	Grid Ref	Date	Recorder
Talisker House, Skye	NG33	NG3230	14/09/1969	Murray, C.W.
Uig, Skye	NG36	NG39406414	07/08/2010	Bungard, S.J.
Camas Mor, Bornaskitaig	NG37	NG3770	15/07/1970	Murray, C.W.
Drinan, road to, Skye	NG51	NG546150	1990	Boag, I.
Drinan, Skye	NG51	NG54881506	14/08/2004	Farmer, C.
Drinan, Skye	NG51	NG5515	24/08/1971	Murray, C.W.
Leac, Raasay	NG53	NG599372	25/08/1998	Bungard, S.J.
Rubha na h-Airde Glaise	NG54	NG5044	02/08/1968	Birks, H.J.B.
Beal Point, Skye	NG54	NG54C	31/07/1980	Murray, C.W.
Brochel, Raasay	NG54	NG586422	17/07/2003	Bungard, S.J.
Holm, shore at, Skye	NG55	NG5151	21/07/1968	Murray, C.W.

Bearraraig area, Skye	NG55	NG5153	17/06/1976	Murray, C.W.
Bearraraig area, Skye	NG55	NG55B	11/07/2004	Farmer, C.
Sasaig, Skye	NG60	NG6608	1996	Gregory, M.
Ardnameacan, Skye	NG71	NG7114	06/07/1973	Murray, C.W.
Kyleakin, area, Skye	NG72	NG72M	20/08/2005	Farmer, C.
Castle Moil, Kyleakin	NG72	NG7526	18/07/1970	Murray, C.W.
Eigg	-	Unknown	1938	Heslop Harrison, J.W. et al.
Muck	-	Unknown	1938	Heslop Harrison, J.W. et al.

**Islands:** Eigg, Muck, Raasay, Skye.

Also recorded from Skye NG35, **52**, **61**, 62.

Recorded in the vice-county since 1938.

### **Trichomanes speciosum** Willd.

Killarney Fern

*National Status: Rare, Least Concern.*

*Scottish Biodiversity List of species of principal importance for biodiversity conservation.*

*Protected under Sch 8 Wildlife and Countryside Act 1981.*

*Protected under the EC Habitats and Species Directive.*

*Protected under Appendix I of the Bern Convention.*

*North Ebumes Status: Gametophyte Scarce, Sporophyte Rare.*

The gametophyte of *T. speciosum* grows deep in clefts, crevices and natural rock hollows on a range of acidic to neutral rocks. Such sites are dark (less than 1% ambient light) and are often humid, being located on sea-cliffs, river-cliffs or streamsides, or are kept damp through soil capillary action. The gametophyte was overlooked in the wild until 1989, when it was identified in N. England. Recent fieldwork has revealed an extensive, but still under-recorded, distribution. Gametophytes occur within the European range of the sporophyte, but also extend eastwards to C. Europe. The gametophyte is found on Eigg and the southern part of Skye; perhaps overlooked elsewhere. The sporophyte is known from two sites.

Location	Hectad	Grid Ref	Date	Recorder
Drinan	NG51	NG54811483	16/10/2006	Merryweather, J.
Drinan	NG51	NG54861507	24/10/2006	Merryweather, J., Cottis, R., Holt, J.
Sasaig, Isle of Skye	NG60	NG6608	18/09/2004	Merryweather, J.
Tokavaig	NG61	NG6111	Jul 1992	Birks, H.H. & H.J.B.
Tokavaig, above	NG61	NG61301181	03/02/2007	Merryweather, J.
Kylerhea, coast S of	NG71	NG71	13/08/1992	Birks, H.H. & H.J.B., Murray, C.W.
Kinloch	NG71	NG71611483	29/10/2006	Cottis, R., Cottis, P.
Rubha Guail	NG71	NG7315	Aug 1991	Jermy, A.C., Cooke, R.J.
Kinloch Wood	NG71	NG73581588	10/08/2007	Merryweather, J., Cottis, P. & R.
Kinloch Wood	NG71	NG73731589	10/08/2007	Merryweather, J., Cottis, P. & R.
Kinloch Wood	NG71	NG73831598	10/08/2007	Merryweather, J., Cottis, P. & R.
Dunan Ruadh	NG71	NG7819	Jul 1992	Birks, H.H., Birks, H.J.B.



Mudalach	NG72	NG7624	Jul 1992	Birks, H.H., Birks, H.J.B.
Massacre Cave, Eigg	NM48	NM47478335	10/06/2008	Bungard, S.J., Farrell, L.
Eigg	NM48	NM4884	1998	Cooke, R.J.
Eigg	NM49	NM4790	1998	Cooke, R.J.
Uamh Mhic Ic Ailein, Eigg	NM49	NM48589120	11/06/2008	Cheffings C., Moss, G.

**Islands:** Eigg, Skye.

Recorded in the vice-county since 1991.

**Trichophorum cespitosum** (L.) Hartm.  
(**Trichophorum cespitosum subsp. cespitosum**)

Northern Deergrass

*National Status: Rare, Data Deficient.*

*North Ebudes Status: Rare.*

A native perennial herb known only on acidic, peaty moorland where it occurs mainly on the margins of *Sphagnum* mires in areas subject to some base-enrichment.

Although this taxon has traditionally been included in British Floras, its presence was only confirmed in 1999. Nationally it appears to be rare, but its distribution requires further study. Circumpolar Boreal-montane range of the species. Probably under-recorded in VC 104. The hybrid between this and the common *T. germanicum* is more widely recorded.

Location	Hectad	Grid Ref	Date	Recorder
Sligachan, NW of	NG43	NG43Q	01/07/2007	Bungard, S.J. & Bradford Botany Group
Strathaird	NG51	NG51	19/06/1976	Coulson, M.

**Islands:** Skye only.

Recorded in the vice-county since 1976.

**Trifolium campestre** Schreb.

Hop Trefoil

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Rare.*

A native winter-annual of grassland habitats on dry, relatively infertile neutral or base-rich soils, and thus more demanding and less frequent than *T. dubium*. It also occurs on spoil heaps from slate and limestone quarries. Nationally it is declining across parts of the north and west of its range. Eurosiberian Southern-temperate element; widely naturalised outside its native range.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1950-1999	Anon.
Soay	NG41	NG41	1938	Heslop Harrison, J.W. et al.
Laig Bay, Eigg	NM48	NM47138815	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L., McIntosh, J., Moss, G., Scott R.
Muck	-	Unknown	1938	Heslop Harrison, J.W. et al.

**Islands:** Canna, Egg, Muck, Skye, Soay.  
Also recorded from Skye NG60.  
Recorded in the vice-county since 1938.

**Tripleurospermum inodorum** (L.) Sch. Bip.

Scentless Mayweed

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

An archaeophyte annual weed of arable fields, farm tracks and gateways, and on waste ground on a wide range of disturbed, fertile soils; also found on roadsides, railway ballast and spoil heaps. It was not recognised as a full species distinct from *T. maritimum* until 1969 and the two taxa have not been distinguished by recorders in some areas. Nationally its distribution is probably stable. Eurosiberian Temperate distribution, but it is widely naturalised so that its distribution is now Circumpolar Temperate. Occasional in ruderal sites and cultivated ground in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Home Farm Estate, Portree	NG44	NG47744429	01/10/2008	Bungard, S.J.
Kilmarie area, Skye	NG51	NG51N	11/09/2010	Porter, M.
Clachan, Raasay	NG53	NG549365	27/07/1994	Bungard, S.J.
Raasay	NG53	NG5437	1994-1999	Bungard, S.J.
Raasay	NG53	NG5535	1994-1999	Bungard, S.J.
Raasay	NG53	NG5537	23/07/2006	Bungard, S.J.
Arnish, Raasay	NG54	NG596479	08/08/1991	Bungard, S.J.
Teangue, NE of, by A851, Skye	NG61	NG61Q	16/08/2005	Bungard, S.J.
Kinloch Castle, Rum	NM49	NM4099	2003	Braithwaite, M.E.

**Islands:** Raasay, Rum, Skye.

Also recorded from Skye NG62.

Recorded in the vice-county since at least 1991.

**Urtica urens** L.

Small Nettle

*National Status: Not Scarce, Least Concern.*

*North Ebudes Status: Scarce.*

A spring-germinating archaeophyte annual of well-tilled arable land, especially fields of broad-leaved crops, and also allotments, gardens, farmyards and waste ground. It prefers light, often sandy, soils of high fertility. Nationally there has been little change in the distribution of *U. urens* over the last 50 years. Eurosiberian Southern-temperate distribution, but it is widely naturalised so that its distribution is now Circumpolar Southern-temperate.

Location	Hectad	Grid Ref	Date	Recorder
Culnacnoc to Rubha nam Brathairean	NG56	NG5262	27/07/1999	Murray, C.W., Jack, S.
Sleat, Skye	NG60	NG6204	1996	Gregory, M.
Isle Ornsay Hotel, nr, Skye	NG71	NG7012	02/07/1978	Webster, M.McC., Clark, J.W.
Oigh-Sgeir	NM19	NM19	1938	Heslop Harrison, J.W. et al.
Muck	NM48	NM48	30/05/1982	Clark, J., Lee, A.
Kinloch, Rum	NM49	NM49E	1957	Heslop Harrison, J.W. et al.

**Islands:** Muck, Oigh-Skeir, Rum, Skye.

Also recorded from Eigg/Muck NM48, Skye NG44, 61.

Recorded in the vice-county since 1938.

### **Vaccinium oxycoccos** L.

Cranberry

*National Status:* Not Scarce, Least Concern.

*North Ebudes Status:* Rare.

A native slender, trailing dwarf shrub found in bogs and on very wet heaths, usually creeping amongst *Sphagnum*. Nationally its distribution seems generally stable.

Circumpolar Boreal-montane element. Only currently known from one site in VC 104 in wet bog on Wiay.

Location	Hectad	Grid Ref	Date	Recorder
Wiay	NG23	NG29173624	23/06/2009	Bungard, S.J., Peppé, W.D. & D.
Wiay	NG23	NG29513606	23/06/2009	Bungard, S.J., Peppé, W.D. & D.
"Glen Sligachan"	NG43	NG469328	10/10/1993	Reid, E.
Lochan Doiragat, Sleat	NG61	NG655113	20/10/1988	Currie, A.

**Islands:** Skye, Wiay.

Recorded in the vice-county since 1868.

Plants from Wiay and Lochan Doiragat have also been recorded as *V. microcarpum*.

The Wiay plants have minutely pubescent pedicels, confirming *V. oxycoccos*, but the Lochan Doiragat plants have not been re-found despite several attempts. The 1993 grid reference is not actually in Glen Sligachan (though not far from Sligachan).

### **Valerianella locusta** (L.) Laterr.

Common Cornsalad

*National Status:* Not Scarce, Least Concern.

*North Ebudes Status:* Scarce.

A native winter-annual which occurs with other annuals on thin soils around rock outcrops and on scree, and on sand dunes and coastal shingle. It also grows in a wide range of disturbed habitats, including walls, gravel paths, railway tracks, in paving, gardens and, rarely, on arable land. Coastal populations are often the dwarf var.

*dunensis*. Nationally the distribution of *V. locusta* is broadly stable, with some local losses. European Temperate element; widely naturalised outside its native range.

Location	Hectad	Grid Ref	Date	Recorder
Sanday	NG20	NG266047	18/06/2001	Braithwaite, M.E., Braithwaite, P.F., Murray, C.W.
Samhnan Insir, Rum	NG30	NG378044	23/06/2003	Pearman, D.A.
Samhnan Insir, Rum	NG30	NG37940434	23/06/2003	Pearman, D.A.
Ord, Skye	NG61	NG617133	Oct 2000	Murray, C.W.
Ord, Skye	NG61	NG617134	02/07/1970	McInnes, E.
Muck	NM47	NM47	1987-1999	Anon.
Laig Bay, Eigg	NM48	NM470881	12/06/2008	Bungard, S.J., Cheffings, C., Farrell, L., McIntosh, J., Moss, G., Scott R.
Poll nam Partan, Eigg	NM48	NM48X	1938	Heslop Harrison et al.
Galmisdale Bay, Eigg	NM48	NM484843	07/05/2012	Chester, J.

**Islands:** Canna, Eigg, Muck, Rum, Skye.  
Recorded in the vice-county since 1938.

### **Veronica agrestis** L.

Green Field-speedwell

*National Status:* Not Scarce, Least concern.  
*North Ebuades Status:* Scarce.

This spring-germinating annual is a colonist of cultivated land, waysides, gardens and allotments. It prefers soils which are well-drained and acidic, occurring on calcareous substrates only when there is surface leaching. It has been decreasing for many years, mainly due to changing agricultural practices, and is no longer a familiar cornfield weed. As an archaeophyte *V. agrestis* has a European Temperate distribution; it is widely naturalised outside this range.

Site	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1938	Heslop Harrison, J.W.
Sanday	NG20	NG20	1938	Heslop Harrison, J.W.
Soay	NG41	NG41	1938	Heslop Harrison, J.W.
Glen Varragill, Skye	NG43	NG4738	25/07/1968	Birks, H.J.B.
Kirkibost, Skye	NG51	NG5417	05/07/1978	Webster, M.McC.
Raasay, South	NG53	NG53	1957	Webster, M.McC.
Tormore, Skye	NG60	NG6101	25/06/1996	Murray, C.W.
Upper Breakish, Skye	NG62	NG6823	15/08/2008	Bungard, S.J.
Pabay	NG62	NG62	1938	Heslop Harrison, J.W.
Eigg	-	Unknown	1938	Heslop Harrison, J.W.
Gallanach, Muck	NM48	NM40818013	11/08/2009	Bungard, S.J.

**Islands:** Canna, Eigg, Muck, Pabay, Raasay, Skye.  
Also recorded from Skye NG42, 44, **45**, **53**.  
Recorded in the vice-county since 1936.

**Veronica hederifolia** L.

Ivy-leaved Speedwell

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Rare.*

This archaeophyte annual is most frequent in open, unshaded habitats, often in disturbed ground where soil has been recently turned. Typical habitats include arable fields, gardens, allotments, waste ground and roadside banks. Although typical forms of subsp. *hederifolia* are clearly distinct from subsp. *lucorum*, both subspecies are morphologically variable and it is often difficult to name plants with certainty. They have therefore been under-recorded. European Southern-temperate distribution; it is widely naturalised outside this range. If found again, an assessment of which subspecies is present would be beneficial.

Location	Hectad	Grid Ref	Date	Recorder
Gillean House, Tarskavaig	NG50	NG588088	30/05/1979	Murray, C.W., Webster, M.McC.
Pabay	NG62	NG62	1938	Heslop Harrison, J.W. et al.
Dunringell Hotel, Kyleakin	NG72	NG744263	05/07/1978	Murray, C. W. & BSBI party
Eigg	NM48/49	NM48/49	1938	Heslop Harrison, J.W. et al.

**Islands:** Eigg, Pabay, Skye.

Also recorded from Skye NG60.

Recorded in the vice-county since 1911.

**Veronica serpyllifolia subsp. humifusa** L.

Thyme-leaved Speedwell

*National Status: Not Scarce, Near Threatened.**North Ebudes Status: Uncertain.*

A native creeping, perennial upland and montane herb of rock ledges, flushes and wet gravel. Nationally it seems unlikely there have been any significant changes in the distribution of this subspecies over the last 50 years though it is still probably under-recorded. Circumpolar Arctic-montane element, with a disjunct distribution. Uncertain whether this taxon has ever been present in VC 104. Subsp. *serpyllifolia* is common and widespread in VC 104.

Location	Hectad	Grid Ref	Date	Recorder
Quiraing, Skye	NG46	NG46	Unknown	Anon.
Priomh Lochs area, Rum	NM39	NM3798	04/08/1959	Jermy, A.C.
Loch Scresort, S side, Rum	NM49	NM49E	1957	Heslop Harrison, J.W.

**Islands:** Rum, Skye.

Recorded in the vice-county since at least 1957.

Pearman et al. (2008) treats the Rum records as doubtful and the same treatment is appropriate for the anonymous undated Skye record.

**Vicia hirsuta** (L.) Gray

Hairy Tare

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Rare.*

A scrambling native annual of rough and disturbed ground, including road and railway banks, scrubby grassland, hedgerows, sheltered sea-cliffs and consolidated shingle beaches; also along the edges of arable fields, and on rubbish tips and waste ground. Nationally there has been no discernible change in the distribution of *V. hirsuta* over the last 50 years. It was a troublesome cornfield weed in the 19th century, but is now much less frequent in that habitat. European Temperate element, but widely naturalised so distribution is now Circumpolar Temperate.

Location	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1938	Heslop Harrison, J.W. et al.
Edinbane, Skye	NG35	NG34465124	05/08/2006	Bungard, S.J.
Inverarish, Raasay	NG53	NG53	1936	Heslop Harrison, J.W. et al.
Pabay	NG62	NG62	1938	Heslop Harrison, J.W. et al.
Kyleakin, Skye	NG72	NG7526	05/07/1978	Murray, C.W.
Eigg	NM48	NM48	1938	Heslop Harrison, J.W. et al.

**Islands:** Canna, Eigg, Pabay, Raasay, Skye.Also recorded from Skye NG24, **25**, **45**.

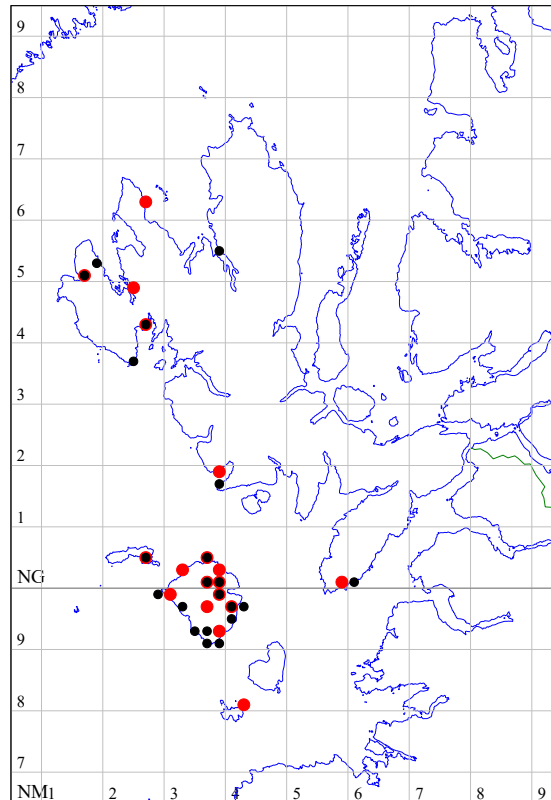
Recorded in the vice-county since 1936.

**Vicia orobus** DC.

Wood Bitter-vetch

*National Status: Scarce, Near Threatened.**Scottish Biodiversity List of species of principal importance for biodiversity conservation.**North Ebudes Status: Not Scarce.*

A native perennial herb of grassy, often slightly base-enriched habitats on banks and the edges of fields, particularly amongst stones, boulders or bushes. Nationally this species is adversely affected by overgrazing and undergrazing, both of which have contributed to its decline, though losses have also resulted from grassland improvement and land reclamation. Britain has a significant proportion of the world population of this species. Suboceanic Temperate element. Most records in VC 104 are from sea cliffs with some, especially on Rum, being further inland in gorges.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Canna, Eigg, Muck, Rum, Skye.

Also recorded from Eigg NM48, Muck NM47, Skye NG14, **25, 34, 42**.

Recorded in the vice-county since 1772.

**Vicia sativa subsp. nigra** (L.) Ehrh.

Narrow-leaved Vetch

*National Status: Not Scarce, Least Concern.*

*North Ebrudes Status: Scarce.*

A procumbent or ascending native annual, found as a native in many grassy and waste places, particularly on dry and sandy sites such as dunes, shingle, sea-cliffs and heathland. Inland, it is often found as an introduction in grassy sites, but these are rarely recorded as alien. International distribution uncertain. Found occasionally in VC 104 on roadsides, in waste places and cultivated land.

Site	Hectad	Grid Ref	Date	Recorder
Canna	NG20	NG20	1938	Heslop Harrison et al.
Sanday	NG20	NG20S	17/07/1994	Aungier, F.M.
South Ascrib	NG36	NG3063	23/06/2010	Gibby, M., Helfer, S., Long, D., McIntosh, J.
Mermaids, Raasay	NG53	NG5436	1936	Heslop Harrison et al.
Clachan, Raasay	NG53	NG5536	10/07/1996	Bungard, S.J.
Calligary, SW of	NG60	NG6202	1996	Gregory, M.
Broadford, Skye	NG62	NG62R	May 2000	Gregory, M.
Rona Lodge, nr	NG65	NG6156	19/06/2010	Gibby, M., Long, D.,

				McIntosh, J.
Kinloch Lodge, SE of	NG71	NG7115	01/06/2012	Terry, S.
Kinloch Lodge, forest track	NG71	NG720150	03/07/1978	Webster, M.McC.
Ashaig, E of, Skye	NG72	NG70382471	08/06/2007	Bungard, S.J.
Dunringell Hotel, Skye	NG72	NG7426	18/09/1978	Webster, M.McC.
Kyleakin, Skye	NG72	NG75322632	03/09/2006	Bungard, S.J.
Oigh-Sgeir	NM19	NM19	1938	Heslop Harrison et al.
Rum	NM49	NM49	1993	Brookes, B.S.

**Islands:** Canna, Eigg?, Muck?, Oigh-Sgeir, Raasay, Rona, Rum, South Ascrib, Skye. Also recorded from Eigg/Muck NM48, Skye NG 45, 46, 47, 52, 71.

Recorded in the vice-county since 1936.

Not all of the above records were assigned a subspecies at the time. However, subsp. *segetalis* has never been recorded from coastal NW Scotland or the Hebrides and VC 104 records for subsp. *sativa* are all over 60 years old - until recent years this taxon was misunderstood and many records for subsp. *sativa* may be errors for other subspecies.

### **Viola arvensis** Murray

Field Pansy

*National Status: Not Scarce, Least concern.*

*North Ebuades Status: Rare.*

An annual usually found on light, well-drained soils in cultivated fields, in old gravel- and sand-pits, and on waste ground where soil is disturbed. It still occurs in many intensively cultivated arable fields. Its distribution appears to be more or less stable, though the decline in arable farming in W. Scotland has made it less frequent there, and there appear to have been losses in Central and W. Ireland. As an archaeophyte *V. arvensis* has a Eurosiberian Temperate distribution; it is widely naturalised outside this range. The only recent record is from Raasay where it emerged from soil moved from the site of an old byre on the island to a garden in 2004 and has persisted at the new site.

Site	Hectad	Grid Ref	Date	Recorder
West Suisnish, Raasay	NG53	NG55383556	24/08/2012	Bungard, S.J.
Fladday, Raasay	NG55	NG55	1936	Heslop Harrison, J.W.
Pabay	NG62	NG62	1938	Heslop Harrison, J.W.
Eigg	-	Unknown	1938	Heslop Harrison, J.W.
Muck	-	Unknown	1938	Heslop Harrison, J.W.
Scalpay	-	Unknown	1936	Heslop Harrison, J.W.

**Islands:** Eigg, Muck, Pabay, Raasay, Skye.

Also recorded from Skye NG15, 24, 42, 43, 45, 50, 61, 72.

Recorded in the vice-county since 1936.



**Viola canina subsp. canina** L.

Heath Dog-violet

*National Status: Not Scarce, Near Threatened.**North Ebudes Status: Rare.*

A native perennial herb of a variety of acid habitats, including heaths, coastal dunes, stony riversides and lake shores, especially in Scotland. It can also occur on thin, heavily leached substrates overlying. Nationally this species has declined severely since 1950, mainly due to habitat loss, drainage and agricultural improvement, but also over- and under-grazing and possibly hybridisation with other *Viola* species. Eurosiberian Boreo-temperate element; also in Greenland. The only confirmed record in VC 104 is from sandy shore of a loch on Rum.

Site	Hectad	Grid Ref	Date	Recorder
Loch Fiachanis, Rum	NM39	NM35759487	26/06/2003	BSBI Field Meeting
Loch Fiachanis, Rum	NM39	NM358948	19/06/1997	Bevan, J., Braithwaite, P.F., Murray, C.W.

**Islands:** Eigg, Muck, Raasay, Rum, Skye

Also recorded from Eigg (no grid ref), Muck, NM38, 47, Raasay NG53, 54, Skye NG35, 42, 61.

Recorded in the vice-county since 1949. Earlier records unlikely to be within modern concept of this species.

**Viola tricolor subsp. curtisii** (E. Forster) Syme

Seaside Pansy

*National Status: Not Scarce, Least Concern.**North Ebudes Status: Rare. Extinct?*

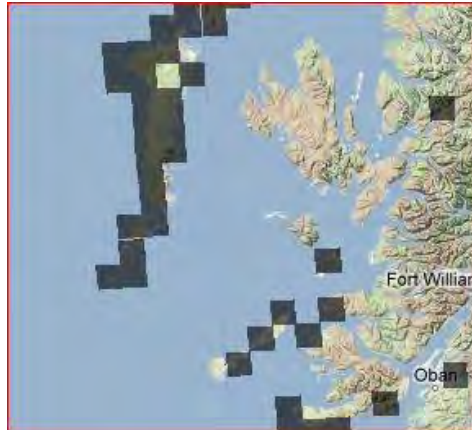
A native perennial herb, found mainly in sand dunes and coastal grassland, but also occurring inland by lakes in N. Ireland and on the sandy heaths of the Breckland. Nationally although some losses appear to be genuine, many are probably due to under-recording. Losses may be due to the development and agricultural improvement of coastal grassland. Suboceanic Temperate element. Recorded once from Eigg sand dunes.

Location	Hectad	Grid Ref	Date	Recorder
Eigg	NM48	NM48	1938	Heslop Harrison, J.W. et al.

**Islands:** Eigg only.

Recorded in the vice-county since 1938.

The record seems reasonable on distributional grounds:

**Viola tricolor subsp. tricolor** L.

Wild or Mountain Pansy/ Heartsease

*National Status: Not Scarce, Near Threatened.**Scottish Biodiversity List of species of principal importance for biodiversity conservation.**North Ebumes Status: Scarce.*

An annual or perennial native herb, found on dunes and other sandy areas, on acidic grassland on heaths and hills, and in cultivated ground, gardens and waste places. Nationally a widespread decline has occurred over the last 50 years, particularly in SE England. European Temperate element; widely naturalised outside its native range. Declined in VC 104 with the loss of arable farming.

Location	Hectad	Grid Ref	Date	Recorder
Fasach, Glendale, Skye	NG14	NG14Z	16/09/1967	Murray, C.W.
Totaig, Skye	NG25	NG25A	30/08/2004	Bungard, S.J.
Lyndale House, Skye	NG35	NG3654	01/09/1978	Murray, C.W.
Earlish, Skye	NG36	NG382613	08/07/2011	Hodgetts,
Portree, 'Aros'	NG44	NG477421	05/09/1997	Henriksen, M.
Portree, Skye	NG44	NG479434	30/06/2006	Farmer, C.
Oskaig, Raasay	NG53	NG54723801	22/06/2004	Bungard, S.J.
Broadford, W of, Skye	NG62	NG63852378	29/04/2007	Bungard, S.J.
Cleadale, Eigg	NM48	NM47248808	08/06/2008	Bungard, S.J., Farrell, L., McIntosh, J.
Kildonan, Eigg	NM48	NM492852	11/10/2007	Chester, J.
Scalpay		Unknown	1936	Heslop Harrison, J.W. et al.

**Islands:** Eigg, Raasay, Scalpay, Skye.

Also recorded from Skye NG15, 24, 34, 45, 47, 50, 51, 71, 72.

Recorded in the vice-county since 1772.

Some of the above records are for *V. tricolor sensu lato* rather than *V. tricolor* subsp. *tricolor*.

**Woodsia alpina** (Bolton) Gray

Alpine Woodsia

*National Status: Rare, Near Threatened.**Scottish Biodiversity List of species of principal importance for biodiversity conservation.**Protected under Sch 8 Wildlife and Countryside Act 1981.**Protected under the EC Habitats and Species Directive.**North Ebumes Status: Rare.*

A native, *W. alpina* grows on the steep, free-drained, bare faces of calcareous rocks, including pumice tuffs, basalts, mica- and hornblende schists, slates and limestones. Sites are very free-draining, with little competition. Nationally current populations of *W. alpina* are probably relics from more widespread populations in post-glacial times. It suffered a serious decline through collecting in the 19th century. However, current populations appear to be relatively stable. Circumpolar Boreo-arctic Montane element. In VC 104 restricted to the Trotternish Ridge on Skye.

Location	Hectad	Grid Ref	Date	Recorder
Sgurr a'Mhadaidh Ruaidh, below	NG45	NG46955850	03/09/2002	Bungard, S.J.
Sgurr a'Mhadaidh Ruaidh, below	NG45	NG4658	01/07/2008	Harrison, T.
Quiraing	NG46	NG46	1884	Linton, E.F., Linton, W.R.

**Islands:** Skye only.

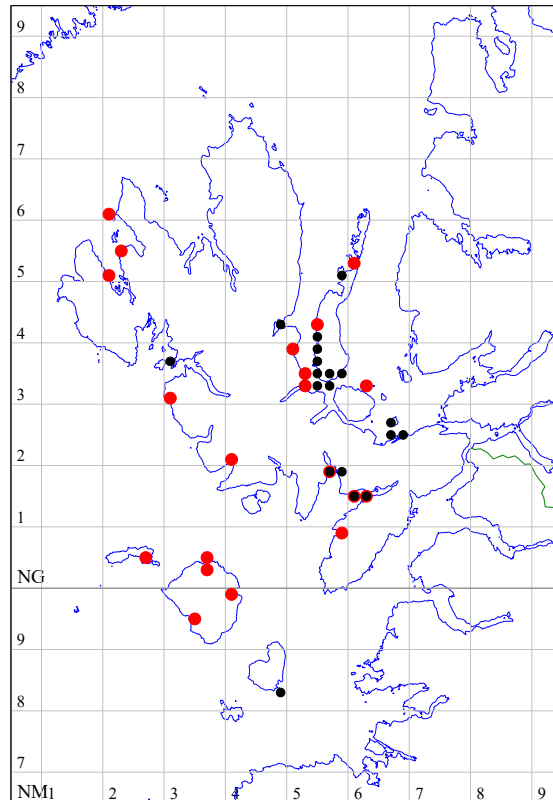
Recorded in the vice-county in 1884 and then not again until G. Rothero in 2001.

**Zostera marina** L.

Eelgrass

*National Status: Not Scarce, Near Threatened.**North Ebumes Status: Not scarce.*

*Z. marina* is a native perennial which grows in the subtidal zone, on substrates of gravel, sand or sandy mud in areas which are protected from full exposure. It descends to depths of about 4 metres. This species declined throughout its European range after a major outbreak of wasting disease in the 1930s. It has never fully recovered, and a further outbreak of disease was noted in the 1980s. However, there are obvious difficulties in recording this marine species and many old and recent records are based on stranded plants. Circumpolar Wide-temperate element. Widespread around the coasts of VC 104.



Records for Year &lt;2000 [2km]

Records for Year &gt;=2000 [2km]

**Islands:** Canna, Eigg, Longay, Muck, Oigh-Sgeir, Pabay, Raasay, Rum, Scalpay, Soay, Skye.

Also recorded from Muck NG47, Oigh-Sgeir NM19, Skye NG23, 24, Soay NG41.

Recorded in the vice-county since 1936.

Many records are of pieces washed up on the shore, but beds are known in quite a few localities.

**References**

Cheffings, C.M. & Farrell, L. (2005). *The Vascular Plant Red Data List for Great Britain*. JNCC

Cope, T. & Gray A. (2009). *Grasses of the British Isles* (BSBI Handbook No. 13) BSBI London.

Harrison, J.W. Heslop et al. (1937). The Flora of the Isle of Raasay and of the Adjoining Islands of South Rona, Scalpay, Fladday and Longay. *Proceedings of the University of Durham Philosophical Society*, 9, 260-304. **[Records from this paper are shown as 1936 in the tables as the surveys were undertaken in 1934-36.]**

Harrison, J.W. Heslop et al. (1939). The Flora of the Islands of Rhum, Eigg, Canna, Sanday, Muck, Eilean Nan Each, Hyskeir, Soay and Pabbay. *Proceedings of the University of Durham Philosophical Society*, 19, 88-123. **[Records from this paper are shown as 1938 in the tables as the surveys were undertaken in 1937-38.]**

Murray, C. W. & H. J. B. Birks (2005). *The Botanist in Skye and Adjacent Isles*. 3rd Edition. Published by the authors.

Pearman, D.A., Preston, C.D., Rothero, G.P. & Walker, K.J. (2008). *The Flora of Rum. An Atlantic Island Reserve*. Published by the authors.

Preston, C.D., Pearman, D.A., Dines, T.D. (2002). *New Atlas of the British & Irish Flora*. OUP.

Sell, P. & G. Murrell (2006). *Flora of Great Britain and Ireland. Vol. 4: Campanulaceae – Asteraceae*. CUP.

Stace, C.A. (2010). *New Flora of the British Isles*, 3<sup>rd</sup> Ed. CUP.

## Appendix A. Excluded Species

The following that would otherwise have been included have been excluded from the foregoing list on the basis that the records, some of which date from the nineteenth century, probably relate to errors of identification, are planted, or are escapes from gardens. A few may turn out to be correct.

<i>Adoxa moschatellina</i>	<i>Knautia arvensis</i>
<i>Aethusa cynapium</i>	<i>Lamium album</i>
<i>Alchemilla glaucescens</i>	<i>Leontodon hispidus</i>
<i>Apium graveolens</i>	<i>Myosotis stolonifera</i>
<i>Arum maculatum</i>	<i>Myriophyllum spicatum</i>
<i>Carduus acanthoides</i>	<i>Ophrys apifera</i>
<i>Carduus nutans</i>	<i>Parentucellia viscosa</i>
<i>Carex magellanica</i>	<i>Peucedanum ostruthium</i>
<i>Carum carvi</i>	<i>Primula veris</i>
<i>Cerastium alpinum</i>	<i>Ranunculus aquatilis</i>
<i>Chamaemelum nobile</i>	<i>Ranunculus lingua</i>
<i>Chelidonium majus</i>	<i>Ranunculus reptans</i>
<i>Cicendia filiformis</i>	<i>Ranunculus sardous</i>
<i>Cichorium intybus</i>	<i>Raphanus raphanistrum subsp. maritimus</i>
<i>Circaea alpina</i>	<i>Rosa tomentosa</i>
<i>Conium maculatum</i>	<i>Rumex conglomeratus</i>
<i>Convolvulus arvensis</i>	<i>Ruscus aculeatus</i>
<i>Cystopteris montana</i>	<i>Saxifraga tridactylites</i>
<i>Exaculum pusillum</i>	<i>Scandix pecten-veneris</i>
<i>Galium pumilum</i>	<i>Sedum telephium</i>
<i>Galium uliginosum</i>	<i>Silene vulgaris</i>
<i>Geranium sylvaticum</i>	<i>Sinapis alba</i>
<i>Hordeum murinum</i>	<i>Taxus baccata</i>
<i>Hypericum hirsutum</i>	<i>Vaccinium uliginosum</i>
<i>Hypericum maculatum</i>	<i>Verbascum thapsus</i>
<i>Hypochaeris glabra</i>	<i>Viola reichenbachiana</i>
<i>Juncus pygmaeus</i>	<i>Zostera noltei</i>
<i>Juncus capitatus</i>	

## Appendix B. List of Taxa Described in The Species List.

- Agrimonia eupatoria*  
*Agrostis gigantea*  
*Ajuga pyramidalis*  
*Alchemilla glomerulans*  
*Alchemilla wichurae*  
*Allium vineale*  
*Ammophila arenaria*  
*Anagallis arvensis subsp. arvensis*  
*Anagallis minima see Centunculus minimus*  
*Anchusa arvensis*  
*Andromeda polifolia*  
*Apium inundatum*  
*Arabidopsis petraea*  
*Arabis alpina*  
*Arabis petraea see Arabidopsis petraea*  
*Arctostaphylos alpinus*  
*Arenaria norvegica subsp. norvegica*  
*Arenaria serpyllifolia subsp. serpyllifolia.*  
*Artemisia vulgaris*  
*Asplenium ceterach*  
*Asplenium septentrionale*  
*Atriplex laciniata*  
*Atriplex patula*  
*Atriplex praecox*  
*Baldellia ranunculoides*  
*Berula erecta*  
*Beta vulgaris subsp. maritima*  
*Betonica officinalis*  
*Briza media*  
*Cakile maritima*  
*Callitriche hermaphroditica*  
*Callitriche platycarpa*  
*Calystegia soldanella*  
*Carex acutiformis*  
*Carex aquatilis*  
*Carex arenaria*  
*Carex diandra*  
*Carex hirta*  
*Carex paniculata*  
*Carex rupestris*  
*Carex saxatilis*  
*Carex vesicaria*  
*Carum verticillatum*  
*Catapodium marinum*  
*Centunculus minimus*  
*Cephalanthera longifolia*  
*Cerastium arcticum see C. nigrescens*  
*Cerastium nigrescens*  
*Cerastium semidecandrum*  
*Ceterach officinarum see Asplenium ceterach*  
*Chenopodium album*  
*Chrysanthemum segetum see Glebionis segetum*  
*Cladium mariscus*  
*Cochlearia danica*  
*Cochlearia officinalis subsp. scotica*  
*Cochlearia pyrenaica*  
*Coeloglossum viride*  
*Cystopteris diaphana*  
*Dactylorhiza incarnata subsp. coccinea*  
*Dactylorhiza lapponica see D. traunsteinerioides*  
*Dactylorhiza traunsteinerioides*  
*Deschampsia cespitosa subsp. alpina*  
*Deschampsia setacea*  
*Draba norvegica*  
*Drosera anglica*  
*Dryas octopetala*  
*Elatine hexandra*  
*Elymus caninus var. caninus*  
*Elytrigia juncea*  
*Empetrum nigrum subsp. hermaphroditum*  
*Epilobium anagallidifolium*  
*Epilobium hirsutum*  
*Epilobium parviflorum*  
*Epipactis atrorubens*  
*Epipactis helleborine*  
*Equisetum hyemale*  
*Equisetum pratense*  
*Equisetum variegatum*  
*Equisetum x font-queri*  
*Equisetum x trachyodon*  
*Eriocaulon aquaticum*  
*Erodium cicutarium*  
*Eryngium maritimum*  
*Euphorbia helioscopia*  
*Euphrasia foulaensis*  
*Euphrasia frigida*  
*Euphrasia heslop-harrisonii*  
*Euphrasia marshallii*  
*Euphrasia nemorosa*  
*Euphrasia ostenfeldii*

<i>Euphrasia tetraquetra</i>	<i>Oenanthe lachenalii</i>
<i>Fallopia convolvulus</i>	<i>Ophioglossum azoricum</i>
<i>Ficaria verna</i> subsp. <i>verna</i>	<i>Orobanche alba</i>
<i>Fumaria bastardii</i>	<i>Orthilia secunda</i>
<i>Fumaria capreolata</i>	<i>Paris quadrifolia</i>
<i>Fumaria muralis</i> subsp. <i>boraei</i>	<i>Pedicularis sylvatica</i> subsp. <i>hibernica</i>
<i>Fumaria officinalis</i>	<i>Persicaria lapathifolia</i>
<i>Galeopsis speciosa</i>	<i>Phleum bertolonii</i>
<i>Gentianella amarella</i>	<i>Pilularia globulifera</i>
<i>Gentianella campestris</i>	<i>Platanthera bifolia</i>
<i>Geranium lucidum</i>	<i>Platanthera chlorantha</i>
<i>Glebionis segetum</i>	<i>Poa alpina</i>
<i>Glechoma hederacea</i>	<i>Poa glauca</i>
<i>Gnaphalium supinum</i>	<i>Polygonum oxyspermum</i> subsp. <i>raii</i>
<i>Gnaphalium sylvaticum</i>	<i>Polystichum lonchitis</i>
<i>Hammarbya paludosa</i>	<i>Polystichum setiferum</i>
<i>Hieracium holosericeum</i>	<i>Potamogeton berchtoldii</i>
<i>Hieracium subglobosum</i>	<i>Potamogeton coloratus</i>
<i>Hippuris vulgaris</i>	<i>Potamogeton crispus</i>
<i>Hymenophyllum wilsonii</i>	<i>Potamogeton filiformis</i>
<i>Hypericum elodes</i>	<i>Potamogeton lucens</i>
<i>Hypericum humifusum</i>	<i>Potamogeton pectinatus</i>
<i>Isoetes echinospora</i>	<i>Potamogeton praelongus</i>
<i>Isolepis cernua</i>	<i>Potentilla crantzii</i>
<i>Juncus biglumis</i>	<i>Pseudorchis albida</i>
<i>Juncus foliosus</i>	<i>Pyrola media</i>
<i>Juncus maritimus</i>	<i>Pyrola minor</i>
<i>Kalmia procumbens</i>	<i>Pyrola rotundifolia</i> subsp. <i>rotundifolia</i>
<i>Koenigia islandica</i>	<i>Ranunculus auricomus</i>
<i>Lamium amplexicaule</i>	<i>Ranunculus bulbosus</i>
<i>Lamium confertum</i>	<i>Ranunculus ficaria</i> subsp. <i>bulbilifer</i> see
<i>Lamium hybridum</i>	<i>Ficaria verna</i> subsp. <i>verna</i>
<i>Lamium purpureum</i>	<i>Ranunculus flammula</i> subsp. <i>scoticus</i>
<i>Lepidium heterophyllum</i>	<i>Ranunculus omiophyllum</i>
<i>Leymus arenarius</i>	<i>Ranunculus sceleratus</i>
<i>Loiseleuria procumbens</i> see <i>Kalmia</i>	<i>Ranunculus trichophyllum</i>
<i>procumbens</i>	<i>Raphanus raphanistrum</i> subsp.
<i>Lycopodiella inundata</i>	<i>raphanistrum</i>
<i>Lycopodium annotinum</i>	<i>Rhynchospora fusca</i>
<i>Lycopodium clavatum</i>	<i>Ribes spicatum</i>
<i>Lythrum portula</i>	<i>Ruppia cirrhosa</i>
<i>Melica nutans</i>	<i>Ruppia maritima</i>
<i>Mentha arvensis</i>	<i>Sagina apetala</i>
<i>Mercurialis perennis</i>	<i>Sagina maritima</i>
<i>Mertensia maritima</i>	<i>Sagina saginoides</i>
<i>Minuartia sedoides</i>	<i>Salix caprea</i> subsp. <i>sphacelata</i>
<i>Moehringia trinervia</i>	<i>Salix myrsinites</i>
<i>Neottia nidus-avis</i>	<i>Salix phylicifolia</i>
<i>Noccaea caerulescens</i>	<i>Salsola kali</i> subsp. <i>kali</i>
<i>Nuphar lutea</i>	<i>Samolus valerandi</i>



*Saxifraga hypnoides*  
*Saxifraga nivalis*  
*Schedonorus arundinaceus*  
*Schedonorus giganteus*  
*Schedonorus pratensis*  
*Schoenoplectus tabernaemontani*  
*Scilla verna*  
*Scrophularia auriculata*  
*Senecio sylvaticus*  
*Sibbaldia procumbens*  
*Sinapis arvensis*  
*Sisymbrium officinale*  
*Sorbus rupicola*  
*Spergula arvensis*  
*Stachys arvensis*  
*Thalictrum minus*  
*Thlaspi arvense*  
*Thlaspi caerulescens* see *Noccaea*  
*caerulescens*  
*Tofieldia pusilla*

*Torilis japonica*  
*Trichomanes speciosum*  
*Trichophorum cespitosum*  
*Trifolium campestre*  
*Tripleurospermum inodorum*  
*Urtica urens*  
*Vaccinium oxycoccos*  
*Valerianella locusta*  
*Veronica agrestis*  
*Veronica hederifolia*  
*Veronica serpyllifolia* subsp. *humifusa*  
*Vicia hirsuta*  
*Vicia orobus*  
*Vicia sativa* subsp. *nigra*  
*Viola arvensis*  
*Viola canina*  
*Viola tricolor* subsp. *curtisii*  
*Viola tricolor* subsp. *tricolor*  
*Woodsia alpina*  
*Zostera marina*

Synonyms recently superseded are shown not in bold.



*Koenigia islandica* Iceland-purslane