

Isle of Bute Rare Plant Register

This register aims to list all vascular plant species from the Isle of Bute which fall into one of the following categories. A roman numeral following its scientific name indicates the category under which a taxon has qualified for inclusion. The number of entries in each category is given below.

I	Endemic or internationally significant population	0
II	Nationally endangered/vulnerable/near threatened	17
III	Nationally rare/scarce	2
IV	Locally rare (<4 sites)	104
V	Locally scarce (<10 sites) or declining	90
VI	Extinct or not seen since 1970	27
VII	Alien long established at <4 sites (selected)	15

In general, only the most recent record for each site has been listed.

Where no recorder is given, the record was made by the author. Other recorders are as follows:

Ball.	J Ballantyne	DMcC	D McCosh
WMB	W M Boyd	RMack	R Mackechnie
MEB	M E Braithwaite	MM	M Mallinson
ARC	A R Church	ESM	E S Marshall
JHD	J H Dickson	JWM	J W Merryweather
AEE	A E Ellis	JR	James Robertson
PE	P Ewing	AMcGS	A McG Stirling
LF	L Farrell	BHT	B H Thompson
LSG	L S Garrad	ECW	E C Wallace
GEH	G E Hunt	TW	T Wise

BRC Biological Records Centre
BSBI Botanical Society of the British Isles (field meeting)
F.L.S. Freshwater Loch Survey (SNH)

Where a taxon figures in the British red data list or Scottish BAP list, this is indicated.

The nature of the habitat is mentioned, and an attempt made to place the Bute population in a Scottish or British context when appropriate. Most site names occur on the 1:25000 OS map. Six figure grid references are given where the site is known with that degree of precision, eight figures are given when a GPS reading is available. When only two figures are given, the site name offers an indication of the approximate locality within the hectad.

The water bodies of the "central lochs" (Ascog, Fad, Kirk dam, Quien, Dhu and Greenan) constitute a SSSI, and it will be seen that aquatic species at these sites figure frequently in the Register. A number of other species find a niche on their shores, and some conservation attention should be paid to these also, especially areas where mud is exposed at low water. The other SSSI on the island covers much of the northern uplands, including the Bull and Red lochs with interesting marginal and mire vegetation and the Balnakeilly oakwood and gorge.

However, the register shows that there is a further concentration of important botanical sites down the western seaboard of the island from Etrick Bay southwards, around the south end up to Bruchag point, and to a lesser degree northwards as far as Ascog. Inland areas of particular note include Loch na leighe in the south, a number of small mires in the central area of the island and the lowland heaths of Scoulag moor. The "fossil" cliffs on the inland edge of the raised beaches are everywhere interesting, as of course are the raised beaches themselves.

Agrimonia eupatoria**V**

Agrimony

very small populations in coarse grassy vegetation on the raised beaches. Scattered at hectad level in SW Scotland; no NS06 record in Atlas.

Glecknabae	NS002687	2004
Lenihall	NS013675	2006
Ardroscadale	NS034635	2002
Ambrismore cliff	NS063583	2010
Ardnahoe cliff	NS06525751	2007
Hawks nib	NS113535	2004
Kerrytonlia	NS117568	2005

Aira caryophylla**V**

Silver Hair-grass

restricted habitat: well drained turf on rocks or banks with some base-richness.

Ettrick bay	NS0366	BSBI	1998
St Ninian's bay	NS0361	BSBI	1998
Birgidale	NS081586		2004
Ardscalpsie (Haystack)	NS050581		2006
Dunstrone	NS080548		2006
Dunagoil/ St Blane's	NS085535		2004
Uamh capuill	NS093522		2006
Hawks nib	NS113535		2006
Glencallum bay	NS111526		2002

Alchemilla xanthochlora**IV**

a Lady's-mantle

thinly scattered in Argyll and Clyde area.

Lenihuline/Glecknabae	NR9969	ARC	1988
unloc.	NS05	BRC	1950+
Woodend	NS075617		2010

Allium triquetrum**VII**

Three-cornered Garlic

naturalised in woodland, this long-established colony is the most northwesterly British record.

One Man's Grave	NS053672		2006
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Allium vineale**V**

Wild Onion

restricted habitat: on base-rich rocks near the shore, in grassland or on the cliffs. Scattered at hectad level in SW Scotland

Ardscalpsie (haystack)	NS050581		2006
Dunstrone/Barr pt	NS080548		2004
Dunagoil	NS086535		2006
Garroch Head	NS095520		2004
Kerrycroy	NS107617		2005
Ascog	NS1063		2004

Ammophila arenaria**V**

Marram

restricted habitat; locally abundant on dunes and adjacent sandy shores and foreshores.

Scalpsie	NS060582		2010
Stravanan	NS078560		2002
Kilchattan	NS098557		2002
Kerrylamont	NS105580		2003
Scoulag	NS103592		2003
Kerrycroy	NS1061		2010

Anagallis arvensis**V**

Scarlet Pimpernel

restricted habitat: bare ground and arable field edges. Scattered at hectad level in SW Scotland. Scottish BAP species.

Kildavanan	NS028662		2003
St Ninians Bay	NS037617		2005
Ardnahoe cliff	NS064575		2006
Lubas	NS0854	MEB	2003
S Garrochty	NS0952		2002
Kerrytonlia	NS107563		2004

Anagallis minima**II**

Chaffweed

restricted habitat: moist, bare, usually trodden ground. Bute is a stronghold for this nationally near-threatened species.

Bullochreg	NS036730		2006
Barlia	NR993717		2005
Glenmore	NS025697		2006
Ardmaleish	NS0769		2006
Loch Ascog	NS098631	BSBI	1998
Kirk dam	NS080629		2003
Dhu loch	NS065618		2005
Quien loch	NS065589		2005
Ardscalpsie	NS045580		2006
Kingarth war meml.	NS093585		2006
Stravanan	NS081561		2007
Loch na leighe	NS103527		2006

Anchusa arvensis**IV**

Bugloss

archaeophyte: restricted habitat: margins of arable fields which have escaped herbicide. The Atlas shows an isolated group of rather scattered records in the Clyde area.

Ettrick bay	NS0366	BSBI	1998
Largizean/Lubas	NS0854	WMB	1983
Little Kilchattan	NS100560		2005

Antennaria dioica**V**

Catsfoot

restricted habitat: in thin heathy turf on fossil cliffs and sometimes in the hills. Very thinly scattered in the Scottish lowlands.

Ardroscadale	NS036646+	2008
Barr point	NS082538	2008
Cradh ruadh	NS087528	2008
Garroch head	NS097518	2006
Creag a mhara	NS1153	2002
Blackpark hill	NS067615	2002

Anthemis arvensis **II**

Wild Chamomile

archaeophyte: disturbed ground in Rothesay. Persistent seed bank offers possibility of re-establishment if suitable habitat persists. A nationally endangered species, very thinly distributed in Scotland.

John St. Rothesay	NS086644	2005
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Anthyllis vulneraria **V**

Kidney Vetch

restricted habitat: in short turf mostly over trap rocks, usually near sea.

Ardroscadale	NS03526441	2008
Ardscalpsie (haystack)	NS050581	2006
Barr point	NS081539	2006
Dunagoil	NS086535	2006
Uamh capuill	NS093522	2006
Ascog	NS1063	2004

Apium inundatum **V**

Lesser Marshwort

restricted habitat: shallow water or mud in lochs, ponds and ditches. Scottish hectad records are rather scattered.

Dhu loch	NS065618	2005
Gallachan shore	NS072565	2006
Loch na leighe (lochan above)	NS104529	2006
Greenan Loch	NS06 JHD	1983
Waterworks Dam	NS071624	2009

Arabis hirsuta **VI**

Hairy Rock-cress

Extinct? Very few recent records in Clyde area.

Rothesay parish	Ball.	1906
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Arenaria serpyllifolia **V**

Thyme-leaved Sandwort

restricted habitat: well-drained ground, especially sandy or gravelly erosion banks just above HWM and thin soil over rock outcrops. Scattered at hectad level in Argyll and Clyde area.

Uamh capuill	NS093522	2004
Ardscalpsie (haystack)	NS050581	2006
Ardnahoe cliff	NS064575	2006
Kildavanan	NS028661	2002
Scoulag shore	NS110605	2002
St Ninians Bay	NS036617	2006
Kerrytonlia	NS109563	2002
Little Kilchattan	NS100560	2004

Artemisia vulgaris **IV**

Mugwort

archaeophyte: restricted habitat: rough grassy places on sandy foreshores. Thinly distributed in Scotland away from the central belt.

Ettrick bay	NS037662	2002
Kerrycroy	NS106624	2004
Kilchattan bay	NS100560	2004

Arum maculatum **V**

Lords and Ladies

status uncertain: near NW limit of range. Damp, shady places on neutral soils.

Kildavanan	NS025662	2006
Mount stuart	NS107603	2002
Kerrycroy	NS1061	2006
Ascog	NS106638	2006
Rothesay	NS0864	2004
Ardbeg	NS080668	2003

Asplenium viride **IV**

Green Spleenwort

restricted habitat: two sites c100m apart on opposite sides of gorge

Balnakeilly gorge	NS021730	2009
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Atriplex laciniata **V**

Frosted Orache

restricted habitat: occasional on sandy strandlines.

Ettrick bay	NS0366	2005
Gallachan bay	NS070570	2005
Stravanan bay	NS075562	2007
Kilchattan bay N	NS107563	2002
Scoulag	NS110605	2003

Atriplex littoralis **IV**

Grass-leaved Orache

rare: at extreme NW limit of range.

Kilchattan Bay	NS100560 JHD&WMB	1982.
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Atriplex patula **V**

Common Orache

a garden and arable weed approaching NW limit of its general distribution

Cnoc an rath	NS053672	2005
Glenmore	NS025696	2006
Rothesay	NS087642	2006
Little Kilchattan	NS102564	2005
Lubas	NS086545	2003

Atriplex praecox **III**

Early Orache

near S limit of its scattered W Scottish distribution; locally abundant on sheltered shingly shores around the Kyles. Nationally scarce species.

Ardbeg	NS080672	2005
Lagganbeg shore	NS006742	2005
Balnakeilly bay	NS020743	BSBI 1997
Stuck shore	NS0669	AMcGS 1977

***Atriplex praecox x glabriuscula* III**

probably scarce

Ettrick Bay, S end	NS039650	MEB	2003
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***Atriplex prostrata* V**

Spear-leaved Orache

scattered in Clyde area, perhaps under-recorded.

Stuck	NS068698	2006
Kames bay	NS066677	2006
Straad saltmarsh	NS035618	2006

***Avena fatua* IV**

Wild Oat

archaeophyte: very scattered records in Clyde area. Formerly a common arable weed.

Little Kilchattan	NS101561	2005
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***Baldellia ranunculoides* II**

Lesser Water-plantain

restricted habitat: in ditches and slow streams on the raised beaches, west side of Bute only. Some good populations of this nationally near-threatened species.

Straad marsh	NS03366257	2006
Kilmory shore	NS040594	2005
Mecknoch	NS042591	2006
Ardscalpsie	NS044581	2002
Gallachan raised beach	NS072565	2005
Largizean marsh	NS081552	2004
Garroch head	NS098518	2006

***Berberis vulgaris* VI**

Barberry

Extinct. Possibly exterminated as elsewhere to discourage wheat rust.

Rothsay parish	Ball.	1906
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***Berula erecta* IV**

Lesser Water-parsnip

very scattered in W Scotland: restricted to fens, swamps and streams with base-rich water.

Kirk dam	NS083635	2004
Straad marsh	NS035618	2010
Ardnahoe raised beach	NS06395730	2007

***Beta vulgaris ssp maritima* IV**

Sea Beet

at N limit of regular range: shingly shores.

Scalpsie	NS052581	2006
Little Kilchattan shore	NS104563	2008

***Bidens tripartita* V**

Trifid Bur-marigold

restricted habitat: muddy loch shores where subject to inundation; sometimes abundant. Occasional on damp tracks. Bute is a stronghold of this species, at the NW limit of its range.

Kirk dam	NS080628	2004
Greenan loch	NS066637	2006
Loch Ascog	NS090623	2006
Loch Fad	NS069601	2003
Quien loch	NS065589	2005

***Blysmus rufus* V**

Saltmarsh Flat-sedge

occasional: in patches of turf near HWM on rocky shores. Bute lies at the SE limit of its core area.

White port	NS109544	2003
Arroscadale	NS035644	2004
Kerrycroy	NS107616	2006
Gallachan	NS072567	2005
Kerrytonlia shore	NS117568	2002
S Garrochty shore	NS0852	ARC 1988

***Bolboschoenus maritimus* V**

Sea Club-rush

restricted habitat: brackish pools and flushes close to the shore.

Kildavanan	NS024662	2005
Arroscadale N	NS037650	2006
Straad marsh	NS033622	2006
Scalpsie marsh	NS061577	2006
Largizean shore	NS079555	2005
Lubas	NS082542	2003
Scoulag	NS110604	2003
Kerrycroy	NS107617	2006
Craigmore	NS107643	2005

***Botrychum lunaria* VI**

Moonwort

Extinct or overlooked? Very scattered at hectad level in Clyde area.

Rothsay parish	Ball.	1906
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***Cakile maritima* IV**

Sea Rocket

sandy shores near strandline; does not penetrate upper reaches of the Firth of Clyde.

Ettrick bay	NS043653	2004
Stravanan bay	NS078560	2007

***Callitriche hamulata s.l.* V**

Intermediate Water-starwort

silty water and loch margins, probably under-recorded.

Teydow pond	NS016716	2004
Glenmore burn	NS027683	2002
Greenan loch	NS066637	2006
Loch Fad (S end)	NS069601	2003

Callitriche hermaphroditica **IV**

Autumnal Water-starwort

slow or still water deeper than 50cm. Bute is a stronghold for this species, which has a scattered hectad distribution nationally.

Quien loch	NS0659	JHD	1982
Greenan loch	NS0663	JHD	1982
Teydow pond	NS016716		2006

Campanula latifolia **V**

Giant Bellflower

in shady hedgebanks, mostly near houses. Status uncertain: on extreme edge of native range in Atlas, which shows no recent Bute records.

Cnoc an rath	NS053672		2006
Little Kilmory	NS045597		2006
Straad	NS042620		2005
Stravanan glen	NS081570		2006

Carduus crispus **V**

Wetted Thistle

at extreme edge of native range: foreshores and rough grassy places near sea.

Ardroscadale N	NS037649		2004
St Ninian's Bay	NS037617		2004
Ardscalpsie	NS053582		2004
St Blane's	NS095534	JHD	1981

Carex acutiformis **IV**

Lesser Pond-sedge

fenny marshes: towards NW limit of range. First recorded from Bute in 2003.

Kirk dam	NS082635		2003
Straad marsh	NS037621		2006

Carex curta **V**

White sedge

locally scarce from lack of suitable habitat: peaty mires with slight base-richness.

Muirton Hill	NS051680		2004
Balilone	NS080632		2003
Barlia	NR993718		2005
Largievrechtan hill	NS058647		2006
Lord James ride (mire N of)	NS084595		2006
Bickers houses (pond)	NS059602		2006
Little Kilmory hill	NS049601		2008
Quien hill (mire NW of)	NS058597		2006

Carex diandra **II**

Lesser Tussock-sedge

restricted habitat: colonial, in base-rich, peaty mire or standing water. Some good populations of this nationally threatened species. First recorded from Bute by AMcGS at Kelspoke site 1994.

Kelspoke lime quarry	NS105544		2006
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Lord James ride (mire N of)	NS084595		2006
Quien Hill (mire NW of)	NS058597		2006
Glencallum	NS098539		2007

Carex lasiocarpa **IV**

Slender Sedge

very rare in Scottish lowlands: possibly overlooked elsewhere on Bute.

Bull loch	NS009731	LF&BHT	1997
Bull loch	NS009730		2007
Red loch	NS004720		2007

Carex limosa **IV**

Mud sedge

restricted habitat: wet, acid sphagnum bog. Rare in Scottish lowlands and first recorded from Bute 2004.

Red loch (abundant)	NS004720		2006
Upper Ettrick glen	NS037704		2007
Turran Turach bog	NS010709		2008
Cranslagloan bog	NS0565		2009

Carex paniculata **IV**

Greater Tussock-sedge

restricted habitat: fens with base-rich peaty soil, often under alder or willow; occasionally abundant. Scattered at hectad level in S Scotland.

Gallachan bay	NS071571		2006
Kerry pools	NS097592		2006
Loch na leighe	NS102526		2006
Suidhe plantation	NS094552		2010
Covin hill	NS090537		2008
Glencallum	NS101537		2007

Carex pendula **V**

Pendulous Sedge

near NW edge of native range: in base-rich flushes and rivulets on the fossil cliffs. Also sometimes naturalised from gardens. First recorded from Bute in 2002.

Lenihall (native)	NS013675		2005
Craigmore (native)	NS106646		2005
Ambrismore cliff (native)	NS063580		2003
Mount stuart, E Lodge	NS111601		2003
Largizean cliff (native)	NS082548		2005
Rothsay coup	NS077646		2006

Carex riparia **IV**

Greater Pond-sedge

NW edge of range: one good colony. First found for vc100 in 2003. No other recent record for SW Scotland, apart from W Argyll and Islay.

Mecknoch, freshwater lagoon.	NS041588		2006
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Carex vesicaria **IV**

Bladder Sedge

rare: recorded only from fens around Kirk dam. Not known in Arran.

Kirk dam NS082627 2004

Carex viridula ssp viridula IV

Small Yellow-sedge
apparently rare. At SE edge of main range; very scattered in SW mainland Scotland.

Kerrycroy NS1061 ARC 1988
Barr point NS081539 ARC 1988
S Garrochty NS0852 ARC 1988
Ardroscadale N NS0364 2008

Catabrosa aquatica V

Water Whorl-grass
restricted habitat: sandy or silty, often trampled places where fresh water flows, usually on foreshore. Some good coastal populations.

Kildavanan NS024662 2004
Ardroscadale N NS035646 2006
Straad marsh NS036619 2006
Mecknoch NS041588 2006
Scalpsie NS060580 2004
Gallachan shore NS071568 2004
Largizean marsh NS079555 2005
Lubas bay NS083543 2004
Kilchattan bay NS100559 2009

Cerastium semidecandrum IV

Little Mouse-ear
scattered at hectad level and strictly coastal in SW Scotland.

Gallachan shore NS070569 2005
Stravanan bay NS0756 BSBI 1998

Ceratocarpus claviculata V

Climbing Corydalis
in rough dry scrubby vegetation over rocky ground. There was no Atlas record for NS05.

Corval hill NR9972 2004
Bear Craig NS013746 2008
Ardroscadale cliff NS034635 2008
Balilone NS0863 2002
Achamor NS0762 2002
Ardscalpsie NS0458 2004

Ceterach officinarum V

Rusty-back Fern
occasional: mortared walls, possibly spreading. Near N limit of range.

Bullochreg NS039725 2004
Ardmory road, Ardbeg NS080668 2005
Lover's walk NS078637 2004
Loch Fad causeway NS080625 2010
Birgidale (old bridge) NS072600 2004
Little Kilmory NS0460 2009
Barefield NS102576 2010
Craigmore NS103653 2007

Chaerophyllum temulum IV

Rough Chervil

On extreme edge of range: roadside verges and hedgerows on enriched neutral soils. Central Bute only.

Ballycaul NS045635 2006
Cranslagvourity NS048660 2006
Acholter NS056672 2006
Mecknoch NS045589 2009

Chamaemelum nobile II

Chamomile

grassland in Scalpsie area. Status uncertain: well beyond accepted native range, but very long established. Thought native by Marshall in 1900. The only other recent Scottish records for this nationally vulnerable species are from Colonsay.

Ardnahoe cliff base NS063575 BSBI 1998
Quien (near house) NS058591 2003
Scalpsie Bay NS05 RMack&ECW 1969
Loch Quien "clearly native" NS064593 ESM 1900

Chrysanthemum segetum II

Corn Marigold

restricted habitat: arable field margins in Kingarth area and disturbed ground in Rothesay. Nationally vulnerable archaeophyte, formerly more widespread; recent records are fairly scattered at hectad level.

Rothesay, John St. NS086644 2006
Lochend NS088624 2006
Largizean NS088555 2004

Cladium mariscus IV

Great Fen-sedge

very local: only at Bull loch, where abundant among Phragmites australis along south shore. The site is an outlier of the West Highland range of this species.

Bull loch NS008731 2006

Cochlearia anglica IV?

English Scurvygrass

silty shorelines: there is some doubt over the taxonomic status of this record, which was not included in the New Atlas.

St Ninian's Bay NS0361 BSBI 1998

Cochlearia danica IV

Danish Scurvygrass

probably overlooked elsewhere in Bute, as it occurs at other sites around the Clyde coast.

St Ninian's Bay (shore area) NS06 RMack 1970
unloc. NS05 BRC 1945

Coincya monensis ssp monensis VI

Isle of Man Cabbage

extinct. Formerly more frequent in the Clyde, it no longer extends into the upper Firth.

Kingarth parish Ball. 1906

Rothesay, near NS06 BRC 1827

Conium maculatum **V**

Hemlock

near N edge of main range: grassy and waste places on rich, neutral soil.

Hawks nib NS113535 2006

Rothesay NS0864 2005

Straad village NS042620 2005

Kilchattan NS099559 2005

Cynoglossum officinale **II**

Houndstongue

stony beach and foreshore, Glencallum Bay. This colony has been known for well over 50 years, and is still expanding. The plant is now abundant along c100m of beach and scattered further. Nearest known locality is over 100km distant (Edinburgh). Sites in Co. Down may be seed source for this colony, which is unlikely to have been artificially established. Nationally near-threatened species.

Glencallum bay NS111527 2003

Cystopteris fragilis **IV**

Brittle bladder fern

shady mortared wall. Bute lies on SW edge of core area.

Kyles hydro: Annieslea NS078671 2009

Dactylorhiza incarnata ssp incarnata **IV**

Early Marsh-orchid

restricted habitat: raised beach marshes where base-rich and not too acidic. Very scattered in lowland Scotland.

Ardroscadale N marsh NS036648 2006

Gallachan raised beach NS073566 2006

Largizean marsh NS081551 2006

Dactylorhiza incarnata ssp coccinea **IV**

Early Marsh-orchid

restricted habitat: raised beach marshes where base-rich and not too acidic. Very scattered in lowland Scotland.

Largizean marsh NS081551 2006

White port NS110543 2003

Ardnahoe raised beach NS06395730 2007

Daucus carota **V**

Wild Carrot

near edge of range: coastal and mostly transient: verges, foreshores and waste ground, preferring sandy soils.

Kilchattan road-end NS108545 2010

Bogany point (C) NS105654 2005

Ettrick bay (N end) NS032665 2004

Rothesay (coup) NS077646 2006

Dryopteris carthusiana **IV**

Narrow Buckler-fern

probably overlooked elsewhere.

Loch Quien NS0659 BSBI 1998

Creag crosnach NS004731 2008

Balnakailly wood NS020741 BPS 2009

Dryopteris expansa **IV**

Northern Buckler-fern

near edge of main range, but almost certainly under-recorded.

Balnakeilly wood. NS021740 BPS 2009

Laggan NS0073 2008

Elatine hexandra **V**

Six-stamened Waterwort

Scattered at hectad level in W Scotland: Bute has several examples of the muddy lochside sites favoured by this species.

Greenan loch NS0663 2002

Quien Loch NS0659 F.L.S. 1996

Loch Fad NS0761 F.L.S. 1996

Kirk Dam NS0863 F.L.S. 1996

Eleocharis acicularis **IV**

Needle Spike-rush

restricted habitat, similar to that of the previous species: muddy loch-shores, often submerged. Bute marks W limit of scattered Scottish distribution.

Greenan loch NS066640 2005

Quien loch NS065589 2005

Kirk dam NS06 RMack 1969

Eleocharis uniglumis **IV**

Slender Spike-rush

perhaps overlooked, but certainly infrequent: brackish pools. Argyll is a British stronghold of this species.

Cradh rubha NS088528 2005

Eleogiton fluitans **V**

Floating Club-rush

pools and ditches. Very scattered in the Scottish central belt. Bute lies on the fringe of its NW coastal range.

Ardscalpsie NS0457 2004

Straad marsh NS0362 2006

Bickers houses NS05906026 2006

Loch na leighe (lochan above) NS104529 2006

Glencallum (lochan above) NS1053 2003

Elytrigia juncea **V**

Sand Couch

restricted habitat: dunes and sandy shorelines

Ettrick bay NS040659 2005

Scalpsie bay NS060582 2005

Gallachan bay NS070569 2006

Kilchattan bay NS100560 2005

Stravanan bay	NS078560	2005
Lubas bay	NS0854	2003

Epilobium parviflorum **V**

Hoary Willowherb
calciferous fens; rather scattered in Scotland outside core area in the central belt.

Scalpsie	NS0657	2006
Rothsay (coup)	NS077646	2006
Greenan loch	NS0663	2006
Straad marsh	NS035618	2006

Epilobium roseum **IV**

Pale Willowherb
perhaps under-recorded. Ruderal. Very scattered in Scotland outside small core area in central belt.

Craigmore	NS103653	MEB 2003
unloc.	NS06	BRC 1970

Equisetum x dycei **IV**

Water x Marsh Horsetail
Infrequent, but possibly overlooked elsewhere.

Loch Quien	NS0659	BSBI 1998
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Equisetum x litorale **V**

Shore Horsetail (Water x Field Horsetail)
lochsides and damp, fenny places; certainly under-recorded and possibly frequent.

Ardmaleish	NS0768	2010
Dhu loch	NS065618	2003
Loch fad (Bardarroch)	NS080623	2005
Suidhe plantation	NS096553	ARC 1988
Birgidale	NS070587	2008

Equisetum palustre **V**

Marsh Horsetail
wet places; surprisingly rare on Bute.

Lenihuline N	NR995702	2009
Scalpsie marsh	NS0657	2005
Straad marsh	NS036621	2006
Kingarth war memorial	NS091587	2006
Largizean marsh	NS0855	2006

Equisetum telmateia **IV**

Great Horsetail
at NW limit of main range. Single colony on a moist bank. Possibly threatened by development.

Ardbeg, Pointhouse burn	NS080668	2006
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Erinus alpinus **VII**

Fairy Foxglove
local: mortared stone walls, where often abundant. Well naturalised in this artificial habitat in Rothsay area, where it is a significant feature of the urban landscape.

Rothsay/ Port Bannatyne	NS06	2006
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Craigmore/ Ascog	NS16	2006
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Eriophorum latifolium **IV**

Broad-leaved Cotton-grass
base rich fens and flushes. Very rare in the central lowlands; Bute lies on the S edge of its Argyll stronghold.

Muirton hill	NS047689	2003
Kerry pools	NS097592	2006
Lord James ride (N of)	NS091595	2006

Erodium cicutarium **V**

Storksbill
bare sandy ground, often around rabbit burrows. Fairly frequent coastally in Clyde area.

Rothsay	NS0864	2004
Scalpsie	NS0558	2004
Gallachan beach	NS070569	2006
Stravanan	NS078560	2004
Lubas bay	NS0854	2003
Glencallum bay	NS1152	2003
Kilchattan	NS100559	2005

Eryngium maritimum **IV**

Sea-holly
sandy strandlines. Now very rare in Clyde area. Scottish BAP species.

Stravanan bay	NS078560	2007
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Euphorbia helioscopia **V**

Sun Spurge
archaeophyte: arable and garden weed. Near NW edge of main distribution area. On Scottish BAP list.

Rothsay	NS0864	2003
Westland	NS070655	2005
St Ninians bay	NS037617	2006
Bruchag	NS114578	2002
Little Kilchattan	NS1056	2005
Blackpark	NS093554	2007

Euphorbia peplus **V**

Petty Spurge
archaeophyte: a ruderal, garden and arable weed. Scattered towards NW edge of range.

Ardmaleish	NS0769	2005
Cnoc an rath	NS052672	2005
Kames castle	NS065675	2004
Rothsay	NS086644	2005
Largievrechan	NS0465	2005
Quogach	NS0562	2006
Ascog	NS1062	2004
Kilchattan bay	NS1054	2004

Fallopia convolvulus **V**

Black Bindweed

archaeophyte: disturbed ground. Becoming scattered towards NW edge of range, and much scarcer than formerly. Scottish BAP species.

St Ninians bay	NS037617	2006
Mountstuart resr.	NS093588	2002
Little Kilchattan	NS100560	2004
Kingarth hotel (W of)	NS088564	ARC 1988
All three parishes	Ball.	1906

Festuca gigantea **V**

Giant Fescue

areas of scrubby or coarse vegetation in partial shade.

N Lenihuline	NR996699	2004
Bogany wood	NS092648	2006
Mountstuart	NS1059	JHD 1982
Scalpsie	NS0558	JHD 1982

Festuca pratensis **IV**

Meadow Fescue

*rather scattered in SW Scotland. The author has not found this taxon in Bute, where *F. arundinacea* is common.*

Ettrick bay	NS0366	BSBI 1998
Rhubodach area	NS07	LF&BHT 1997

Festuca vivipara **IV**

Viviparous Fescue

some low-altitude sites. Bute lies on S edge of core Highland range; this taxon is very rare in the lowlands.

Canada hill	NS0964	2006
Hidden gorge, Ettrick	NS040687	2005
Glenmore	NS0270	2005

Filago minima **IV**

Small Cudweed

Very few recent records in Clyde area. In gravelly disused parking area in Rothesay business park. In some quantity, 2009. First Bute record since Ball.

Kingarth (parish)	Ball.	1906
Rothesay	NS083641	2009

Filago vulgaris **II/VI**

Common Cudweed

Extinct. No recent record in Clyde area for this nationally near-threatened species.

Kingarth (parish)	Ball.	1906
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Fumaria bastardi **IV**

Tall Ramping-fumitory

arable. VC100 is a stronghold of this species in its western maritime distribution.

Little Kilchattan foreshore	NS102560	ARC 1988
Ardnahoe	NS066574	BSBI 1998
St Ninians bay	NS037617	2006

Fumaria officinalis **IV**

Common Fumitory

a weed in flower beds or arable. This species is well scattered in W Scotland.

Rothesay	NS0864	2004
St Ninians bay	NS037617	2006
Little Kilchattan beach	NS101561	ARC 1988

Galeopsis speciosa **IV**

Large-flowered Hemp-nettle

archaeophyte in cultivated or disturbed land. Scarce and declining at hectad level in SW Scotland. Scottish BAP species.

Ardmaleish	NS075696	2006
All three parishes	Ball.	1906

Galium mollugo **IV**

Hedge Bedstraw

very scattered in W Scotland.

Beaver lodge	NS095576	2009
St. Ninian's Bay,	BSBI	1998
Rhubodach (200m inland)	NS025742	JHD 1982

Gentianella campestris **II**

Field Gentian

in short, base-rich turf on rocky shores. Very scattered in Clyde area, which lies S of its main centre of population. Nationally vulnerable taxon.

Port glas	NS014670	2004
Lenihuline shore	NS001690	2002

Geranium dissectum **V**

Cut-leaved Cranesbill

archaeophyte: in open communities of waste ground and field edges. Bute lies towards the NW edge of its main area of distribution.

Ardmaleish	NS0769	2004
Rothesay	NS0864	2005
Ardscalpsie	NS0457	2002
Kilchattan	NS1056	2004

Geranium lucidum **IV**

Shining Cranesbill

on basalt scree and fallen rocks near coast in south Bute only. Rare at hectad level in SW Scotland.

Creag a mhara	NS113535	2006
Dunagoil	NS083532	2005

Geranium sanguineum **V**

Bloody Cranesbill

sea cliffs and shoreline rocks of volcanic nature.

Barr point	NS081539	2006
Dunagoil	NS086535	2006
Uamh capuill	NS093522	2010
Montford	NS107642	2004

Glacium flavum **IV**

Yellow Horned-poppy

shingle shore: one good colony. Formerly more widespread. At NW limit of range.

Scalpsie Bay (W) NS052581 2006

Gnaphalium sylvaticum VI

Heath Cudweed

Now extinct? Formerly widespread in Clyde area.

All three parishes Ball. 1906

Gymnadenia conopsea V

Fragrant Orchid

base-rich turf on the raised beaches or in the hills. Scattered at hectad level in SW Scotland and rare in the central lowlands S of its core Highland area.

Ardroscadale shore NS034644 2005

Blackpark hill NS067615 2002

Largizean marsh NS081551 2003

All three parishes Ball. 1906

Gymnocarpium dryopteris V

Oak Fern

on steep, shady streambanks, usually in ravines. Colonial. Bute lies on S edge of its core highland range.

Laggan burn NS002733 2008

Balnakeilly wood/ NS021739 2004

Tawnie ravine NS028732 2003

Bullochreg S gorge NS039720 2002

Glenmore (wee glen) NS025702 2005

Glenmore burn gorge (Kilbride) NS031680 2002

Altbeg ravine NR9972 ARC 1988

Quien NS05 glas. nats.1904

Helictotrichon pratense IV

Meadow Oat-grass

base-rich turf in rocky places near sea. Very scattered in Clyde area on W extremity of its main range.

Barr point NS082538 MEB 2003

Helictotrichon pubescens V

Downy Oat-grass

cliffs, sandy foreshores and roadsides, mainly in S Bute.

Dunagoil/Barr point NS084536 2008

Gallachan cliff NS073567 2006

Dunstrone NS080548 2006

Creag a mhara NS113535 2006

Kerrycroy NS1061 2006

Hieracium agg.

Hawkweed

H vulgatum appears to be common. Few determinations have been made of other spp.

H. caledonicum IV

Dunstrone NS080548 ARC det DMcC 1988

H. dicella IV

Creag a mhara NS113535 AMcGS 1994

Hippuris vulgaris IV

Marestail

seen recently at only one site in Bute; scarce in Clyde area.

Kirk Dam NS06 F.L.S. 1996

Greenan loch NS06 PE 1889

unloc. NS06 BRC 1945

Huperzia selago IV

Fir Club-moss

on cliffy rocks and streambanks and beside forest tracks. North Bute only. Bute lies on S edge of Highland core area; the species is rare in lowlands.

Forest track near junction NS032727 2006

Forest track, Glenmore NS015718 2007

Forest track, nr Shalunt NS041714 2008

Hidden gorge (Ettrick) NS040687 2006

Mecknoch raised beach NS043584 2009

Hymenophyllum tunbrigense V

Tunbridge Filmy-fern

colonial on moist, shady boulders in ravine or fossil-cliff woodland: north Bute only. Argyll is the national stronghold of this species, and Bute lies on its S fringe.

Balnakeilly wood NS021740 2008

Culnashambrug wood NS056706 2005

Glenmore NS026689 2008

Lagganburn gorge NS002733 2004

Altbeg ravine NR9972 ARC 1988

N Lenihuline wood NR996700 2007

Hymenophyllum wilsonii II

Wilson's Filmy-fern

This nationally near-threatened species is more widespread than H. tunbrigense, but often less abundant, in similar habitats. Bute lies within the S edge of its core area.

Balnakeilly wood NS021740 2008

Bullochreg (S gorge) NS039720 2002

Culnashambrug wood NS056706 2005

Hidden gorge, Ettrick NS040687 2004

Kilmichael (Altmore ravine) NR993713 2004

Bear craig NS014746 2005

Lagganbeg burn NS008742 2005

Lagganburn gorge NS002733 2008

Pulling burn NR997731 2004

N Lenihuline wood NR996700 JHD&WMB 1982

Lenihuline gorge NS001690 2004

Barmore wood NS0761 2009

Creag a mhara NS11265368 2006

Hypericum elodes V

Marsh St John's-wort

locally abundant in bogs and acid marshes. Bute populations are part of a scattering of W Scottish coastal sites.

Ardroscadale N	NS036648	2008
Ardroscadale raised beach	NS033638	2008
Straad marsh	NS03486257	2006
Kilmory shore	NS0459	2005
Little kilmory hill	NS049600	2003
Ardscalpsie	NS044580	2006
Quien hill (mires W of)	NS058597	2006
Largizean marsh	NS081551	2006
Glencallum	NS1053	2003

Hypericum maculatum

Imperforate St John's-wort

Rare: grassland

Kerrycroy, S of	NS109610	2007
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subsp *obtusiusculum*

Rothsay	NS0864	2009
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Hypericum perforatum

IV

Perforate St John's-wort

rare: dry, bare or waste ground.

Rothsay	NS085642	2004
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Isoetes lacustris

VI

Quillwort

Extinct? Possibly overlooked. Bute lies on the southern fringe of its core highland area.

Rothsay parish	Ball.	1906
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Jasione montana

IV

Sheepsbit

dry grassy places on sandy soil. Frequent around lower Firth of Clyde, but rarer north-eastwards.

Scalpsie dunes	NS060582	2007
Kingarth (roadside near)	NS088562	2005
All three parishes	Ball.	1906

Juncus ambiguus

IV

Frog Rush

scarce or overlooked: similar places to J. bufonius, but usually near sea.

Garroch head	NS0951	2006
Ardroscadale N	NS040650	MEB 2003
Straad marsh	NS036619	2006

Juncus foliosus

IV

Leafy Rush

scarce or overlooked: enriched damp ground.

Scalpsie	NS05	BSBI	1998
St Ninian's	NS06	BSBI	1998
Glenmore	NS026697		2006

Juniperus communis

V

Juniper

locally frequent: in heathy and scrubby areas, mainly in the south west of the island, but with scattered, rather moribund specimens elsewhere. A somewhat relict population. Bute lies on the S edge of its core area.

Ardscalpsie	NS043579	2006
Kilmory shore	NS039597	2007
Barr point/Dunagoil	NS082538	2008
Barr hill	NS095521	2004
Quien hill (lower E side)	NS056595	2006

The following sites have very small numbers, and are probably not sustainable

Colmac burn above quarry	NS052681	2003
Mecknoch	NS042591	2006
Ardroscadale raised beach	NS0363	2003
Barlia hill cliff	NR9972	2004
Glenmore	NS027697	2008
Scoulag moor E of moor rd	NS0960	2003
Scalpsie cliff	NS054584	2004
St Blanes area	NS0953	2004
Bruach nan caorach	NS113531	2007

Knautia arvensis

VI

Field Scabious

Extinct. No recent records in Clyde area.

Rothsay parish	Ball.	1906
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Lamium album

VI

White Deadnettle

archaeophyte; now extinct? Not seen since 1983.

Decreasing in W Scotland, and now very scattered.

Kames Castle	NS062675	JHD	1983
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Lamium amplexicaule

V

Henbit

archaeophyte; bare cultivated ground which has escaped herbicide. There is a cluster of records in the Clyde area, detached from the main core region in E lowland Scotland.

Rothsay	NS085644	2004
St Ninians bay	NS037617	2006
Ardscalpsie	NS047578	2005
Little Kilchattan	NS100560	2005
Kingarth hotel (W of)	NS088564	ARC 1988

Lamium confertum

V

Northern Deadnettle

archaeophyte: bare ground on foreshores and field edges, and as a garden weed. The Clyde area is a stronghold for this species, whose British range is now largely restricted to Scotland.

Largievrechan	NS0465	2004
St Ninians bay	NS037617	2006
Mecknoch	NS042591	2004
Ardscalpsie	NS047578	ARC 1988

Little Kilchattan NS100560 2004
 Kingarth hotel (W of) NS088564 ARC 1988

Lamium hybridum **IV**

Cut-leaved Dead-nettle
an arable weed, with a scattering of records in west-central Scotland. Possibly under-recorded.

St Ninian's bay NS0361 BSBI 1998
 Scalpsie bay NS05 BSBI 1998

Lathyrus linifolius **IV**

Bitter Vetchling
in coarse heathy vegetation over rocks near sea. The apparent scarcity of this plant on Bute is hard to explain.

Clachanard NS045581 2004
 Barr point/ Dunagoil NS082538 2008

Leontodon saxatilis **IV**

rare or under-recorded: there is a scatter of recent records for this plant from the Clyde area.

Bogany point NS106653 2004

Lepidium heterophyllum **IV**

Smith's Pepperwort
ruderal, in damp open places. Becoming scattered at hectad level towards the NW of its range.

Loch Fad, near fishing hut NS080624 2005

Ligusticum scoticum **V**

Scots Lovage
rocky crevices on the shores; towards the S end of its range, but remaining frequent in suitable localities.

Skerral point NS017666 2006
 Ardroscaidale shore NS034640 2005
 Kilmory shore NS039598 2006
 Ardschalpsie NS043576 2006
 Barr point/Dunagoil NS082538 2008

Linarea repens **VI**

Pale Toadflax
Extinct? Very scattered in Scotland, and often transient.
 Rothesay, Kingarth parishes. Ball. 1906

Linarea vulgaris **IV**

Common Toadflax
one variable colony on foreshore, marking the W extremity of its range in lowland Scotland
 Little Kilchattan NS107563 2009

Listera cordata **V**

Lesser Twayblade
Inconspicuous and perhaps under-recorded.
 St Ninian's Bay (shore area) NS06 RMack 1970
 Kilbride Hill NS030697 2005
 trackside near Bull loch NS016733 2007

upper Glenmore NS018711 2008

Listera ovata **IV**

Common Twayblade
rather scattered at hectad level and suffering from habitat loss.

White Port NS108545 2002
 Creag Croisgeach (talus) NS005734 2005
 Kames woodland NS06 RMack 1970

Littorella uniflora **V**

Shoreweed
locally abundant: in shallow water around loch margins, often exposed in dry seasons.

Bull loch NS008731 2006
 Dhu loch NS065618 2003
 Loch Ascog NS090623 2006
 Quien loch NS065589 2005
 Mountstuart resr. NS092588 2006
 Loch na leighe NS104529 2006

Lobelia dortmanna **IV**

Water Lobelia
on S edge of range in Highlands. Restricted to oligotrophic, acidic waters.

Bull loch NS008731 2008
 North Bute and Rothesay parishes Ball. 1906
 Loch Quien NS05 Glas. nats. 1904

Lycopodium clavatum **V**

Stag's-horn Club-moss
on bare rock and peat exposures beside forest tracks. Increasing locally. Thinly distributed in Scottish lowlands.

Forest track, Bullochreg NS030728 2006
 Forest track, upper Glenmore NS015714 2007
 Forest track, Balnakeilly NS017737 2008
 Dhu loch (NE of) NS069621 JHD&WMB 1982

Malva moschata **IV**

Musk Mallow
ruderal archaeophyte.
 Ardbeg shore NS080671 2006
 Bogany point NS105654 2005

Malva sylvestris **VI**

Common Mallow
Extinct? ruderal: not seen recently. Very scattered towards NW of range
 Kingarth parish Ball. 1906

Matricaria recutita **IV**

Scented Mayweed
Archaeophyte; ruderal in disturbed ground. Rare.
 Bogany point NS105654 MEB 2003

Medicago lupulina**IV**

Black Medick

grassy places, usually near sea. At W edge of its range in central Scotland.

Rothsay	NS0864	2004
St Ninians bay	NS037617	2006
Little Kilchattan	NS100560	WMB 1982

Melampyrum pratense**V**

Common Cow-wheat

acidic woodland and moorland in north Bute. At southern limit of its Highland core area.

Balnakeilly wood track nr Bull loch	NS021740	2005
Lenihuline wood	NS015733	2007
Laggan	NS001690	2007
Laggan	NS003731	2005
Glenmore (wee glen)	NS025702	2006
Fly hill	NS062695	2009
Rothsay parish	Ball.	1906

Melica uniflora**IV**

Wood Melick

restricted habitat: base-rich cliffs and rocky places.

Barmore wood (N)	NS074615	2005
Lagganbeg crags	NS008743	2004
Barlia hill	NR991720	2003

Mentha arvensis**V**

Corn Mint

in ditches, damp verges, marshes and fens; rather scattered in Scotland.

Ardmaleish	NS071697	2006
Glenmore road verge	NS026690	2006
Barone park	NS078637	2004
Rhubodach	NS028740	2006
Loch Ascog	NS089622	2006
Culnashambrug	NS056707	2005

Mentha x verticillata**VI**

Whorled Mint

not seen recently, but possibly overlooked.

All three parishes	Ball.	1906
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Mertensia maritima**II**

Oyster Plant

shingle coves on rocky shore. Formerly more widespread, recently only at two sites. Not seen since 2004 until one plant 2009. This nationally near-threatened species has suffered an overall decline in Clyde area in past century.

Kilmory shore	NS039593	2004
St Ninian's Bay (shore area)	NS06 RMack	1970

Milium effusum**V**

Wood Millet

restricted habitat: shady banks and rocky woodlands on base-rich soil.

Garrison wood	NS065673	2005
Allt a bruaich	NS010681	2002
Lenihuline S wood	NS001691	JHD&WMB 1982
Kyles hydro	NS078671	2006
Ettrick glen (lower)	NS035679	2003
Kerrycroy (Mtstuart wall)	NS106611	2005
Kames woodland	NS06 RMack	1970

Mycelis muralis**V**

Wall Lettuce

locally frequent on walls and waste ground in Rothsay area. Occasional in woodland and hedgerows; probably native, certainly long established. This species is very scattered in W Scotland.

Kyles hydro	NS078671	2006
Port Bannatyne	NS0767	2003
Rothsay	NS0864	2006
Craigmore	NS1064	2003
Ascog	NS106629	2004
Loch Ascog, NE crags	NS098630	2004
Auchintirrie wood	NS0562	2004
Largievrechtan	NS0465	2005
Birgidale	NS075584	2004

Myosotis scorpioides**V**

Water Forgetmenot

restricted habitat: eutrophic, circumneutral swamps and fens. This species becomes less frequent towards the NW of the British Isles.

Kirk dam	NS083635	2004
Loch Fad (N)	NS080625	2005
Loch Fad (S)	NS069601	2004
Greenan Loch	NS065636	2006
Straad marsh	NS035618	2006
Rothsay lade	NS087647	2005
Loch Ascog	NS090623	2006

Myriophyllum alterniflorum**V**

Alternate Water-milfoil

in lochs and ponds.

Bull loch	NS008731	2006
Dhu loch	NS065618	2003
Loch Ascog	NS090623	2006
Mt Stuart resr	NS093588	2005

Nuphar lutea**IV**

Yellow Water-lily

restricted habitat: lochs with neutral water.

Greenan loch	NS066636	2006
Loch na leighe	NS103525	2006
Kilchattan res. (lochan above)	NS108535	2007

<i>Nymphaea alba</i>		V
White Water-lily		
<i>local: fresh water lochs and ponds.</i>		
Bull loch	NS008731	2008
Cranslagloan marsh	NS057655	2009
Greenan loch	NS066636	2006
Quien loch	NS065589	2004
Quien hill (pond NW of)	NS058597	2006

<i>Ononis repens</i>		IV
Restharrow		
<i>among rough vegetation on sandy foreshores. The Bute sites mark the NW limit of its main range.</i>		
Scoulag shore	NS110605	2002
Kerrycroy	NS107622	2006
Kerrytonlia shore	NS108563	2002

<i>Ophioglossum vulgatum</i>		IV
Adder's Tongue		
<i>recorded from short turf near the sea in 2003. This was the first Bute record since JR 1768. Larger plants under bracken found 2008.</i>		
Omer Point	NS03206221	BSBI 2003
Creag crosdach	NS0073	2008
Ardriscadale raised beach	NS03436338	2008
Breidoch	NS111539	2008

<i>Orchis mascula</i>		V
Early Purple-orchid		
<i>restricted habitat: open wood and scrub land and grassy places on base-rich soils. Largest colony at Kilchousland has c50 spikes usually.</i>		
Creag crosgeach	NS005734	2005
Ardriscadale cliff	NS035635+	2008
Kilchousland chapel	NS03762	2010
Quien loch	NS066592	2002
Ambrismore	NS063582	2010
Stravanan N cliff	NS073567	2010
Largizean cliff	NS083552	2005
Barr point/Dunagoil	NS083537	2008

<i>Origanum vulgare</i>		VI
Marjoram		
<i>Extinct. Now very rare in W Scotland</i>		
Kingarth parish	Ball.	1906

<i>Ornithopus perpusillus</i>		IV
Bird's-foot		
<i>sometimes abundant on and beside forestry tracks. Very scattered in Scotland.</i>		
Forest track: upper Glenmore	NS016713+	2008
Forest track: Bullochreg	NS033725+	2005

<i>Osmunda regalis</i>		V
Royal Fern		

formerly abundant, populations were decimated by 19th century collecting. Only one actively regenerating colony survives.

Ardriscadale N mature plant	NS038648	2006
Dhu loch (N) colony	NS065618+	2007
White port (single juvenile)	NS110541	2003
Lechtan cliff (single juvenile)	NS013674	2003

<i>Papaver argemone</i>		II/VI
Prickly Poppy		
<i>extinct. Now extremely rare in W Scotland. Nationally vulnerable species.</i>		
Kingarth parish	Ball.	1906

<i>Papaver dubium</i>		IV
Long Smooth-fruited Poppy		
<i>disturbed, bare or cultivated ground.</i>		
Rothsay, John St.	NS086644	2006

<i>Papaver rhoeas</i>		IV
Common Poppy		
<i>bare disturbed or sandy ground. Scattered in W Scotland.</i>		
Rothsay, John Street	NS086644	2006
Kilchattan bay	NS099559	2005

<i>Parentucellia viscosa</i>		IV
Yellow Bartsia		
<i>abundant in rather damp pony pasture below Bogany wood, threatened by increasing <i>Juncus acutiflorus</i>, reduced grazing and possibly by development. A very few sites in the upper Firth of Clyde area represent the extreme NW limit of this species as a native. Scottish BAP list species.</i>		
Field above Crichton road	NS103652	2004
Kirk dam	NS06	RMack 1969

<i>Parietaria judaica</i>		IV
Pellitory of the Wall		
<i>cliffs and walls. Probably native in the former habitat. Bute sites represent the NW limit of its native British range.</i>		
Hawks nib (cliff)	NS113535	2006
Kingarth (wall)	NS090561	2006

<i>Persicaria bistorta</i>		V
Bistort		
<i>damp grassy verges and burnsides. Probably native at least in some sites.</i>		
Cnoc an rath	NS053673	2006
Skerral point	NS017666	2006
Ardmaleish	NS072683	2006
Kames brae foot	NS066674	2006
Ettrick bay	NS043655	2005
Gallachan (roadside)	NS072576	2006
Blackpark	NS092555	2004

Persicaria lapathifolia **V**
 Pale Persicaria
Enriched ground. Possibly under-recorded from confusion with P. maculosa. Scattered in SW Scotland.

Rothsay	NS0864	2004
Little Kilchattan	NS102565	2005
Loch Quien	NS0659 BSBI	1998
Ettrick bay	NS0366 BSBI	1998.
All three parishes	Ball.	1906

Petasites hybridus **VII**
 Butterbur
local: forms colonies on waste ground and roadsides near houses, probably as a relict of cultivation.

Lubas	NS087546	2006
Dunagoil/S Garrochty	NS088529	2009
Glecknabae	NS006682	2006
Ascog	NS108631	2006
Little Kilchattan shore	NS105563	2006

Peucedanum ostruthium* **VII**
 Masterwort
Archaeophyte. This site marks the W limit of a scatter of records across the central belt.

Blackpark	NS091552	LSG	1997
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Pimpinella saxifraga **V**
 Burnet Saxifrage
restricted habitat: base-rich grassland, usually near sea. Bute lies on the NW edge of its main range.

Ardscalpsie (Haystack)	NS050581	2006
Ardroscaidale raised beach/cliff	NS035642	2004
Kilchousland	NS036626	2010
Mecknoch raised beach	NS041588	2006
Kilchattan dunes	NS098557	2005
Stravanan shore	NS078560	2004
Largizean fossil cliff	NS803552	2005
Barr point/Dunagoil	NS082538	2006
Creag a mhara	NS112536	2006

Plantago media **VI**
 Hoary Plantain
Extinct. Now very rare in W Scotland.

Kingarth parish	Ball.	1906
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Platanthera bifolia **II**
 Lesser Butterfly-orchid
restricted habitat: raised beach heaths where flushed with base-rich water. Now very scattered at hectad level in SW Scotland. Nationally vulnerable and Scottish BAP list species.

Gallachan marsh	NS074566	2006
Largizean marsh	NS081551	2006
Rothsay, Kingarth parishes	Ball.	1906

Platanthera chlorantha **II**
 Butterfly Orchid
Formerly more frequent. Now very scattered in SW Scotland outside the central lowlands core area. Nationally near-threatened and Scottish BAP list species. The first site below holds a sizeable population.

Rothsay golf course	NS096642	2006
Rothsay golf course	NS098645	2006
Rothsay golf course	NS101643	2006
All three parishes	Ball.	1906

Poa nemoralis **IV**
 Wood Poa
Current status uncertain. No recent record, but perhaps overlooked. Bute lies to the west of the main Scottish area for this species.

Kames woodland	NS06	RMack	1970
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Polygala vulgaris **IV**
 Common Milkwort
restricted habitat: base-rich turf. Scattered at hectad level in SW Scotland

Creag a mhara	NS103535	2003
Barr point	NS082538	2003

Polygonum oxyspermum **V**
 Ray's Knotgrass
restricted habitat: sandy strandlines.

Glecknabae	NS006682	2004
Gallachan bay	NS070569	2006
Stravanan bay		
Lubas bay	NS083543	2003
Scalpsie bay	NS052581	2006

Polypodium cambricum **IV**
 Southern Polypody
basic crags. The Bute site is on the extreme NE fringes of this Mediterranean/Atlantic fern's range. First recorded by AMcGS 1994 at this site

Creag a mhara	NS113535	JWM	2002
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Polystichum setiferum **IV**
 Soft Shield-fern
fossil-cliff woodland with some base-richness; colonial. Argyll and the Clyde isles are the Scottish stronghold of this mainly southern fern.

Shalunt wood	NS0471	2010
Lechtan cliffs	NS015672	2006
Craigmore	NS106650	2003
Bruchag cliff	NS116574	2002
Ascog cliff woodland	NS105635	2008

Populus tremula **V**
 Aspen

occasional: in small clones on cliffs and in old woodland. Some clones appear moribund.

Laggan cliff	NS003730	2004
Barlia hill	NR991723	2008
Lechtan cliff	NS014675	2008
Culnashambrug wood	NS055706	2007
Upper Ettrick (hidden gorge)	NS040687	2007
White port	NS113638	2008

Potamogeton alpinus **IV**

Red Pondweed

Argyll is a stronghold of this species which is otherwise rather scattered in SW Scotland.

Loch Ascog	NS097633	BSBI	1998
Kilchattan resr.	NS105545	AMCGS	1994

Potamogeton berchtoldii **IV**

Small Pondweed

It is hard to account for the apparent scarcity of this species in the Clyde islands, as it is frequent in surrounding districts. There may still be confusion with P. pusillus, which F.L.S. recorded at several Bute sites.

Quien loch	NS065589	2005
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Potamogeton crispus **IV**

Curled Pondweed

restricted habitat: this species is frequent in lowland Scotland.

Loch Ascog	NS090623	2006
Loch Fad	NS077616	F.L.S.1996
Quien loch	NS065589	2005

Potamogeton gramineus **IV**

Various-leaved Pondweed

rather scattered at hectad level in Scotland.

Loch Ascog	NS0962	2005
Dhu loch lower resr.	NS071624	2006
Loch Fad	NS06	MM 1954

Potamogeton x nitens **V**

Bright-leaved Pondweed

scattered at hectad level in Scotland. Old records det. by Dandy and Taylor.

Loch Quien	NS064593	F.L.S.	1996
Loch Ascog	NS06	BSBI	1998
Loch Fad	NS06	GEH	1864
Greenan loch	NS06	AEE	1928

Potamogeton obtusifolius **IV**

Blunt-leaved Pondweed

The western Scottish lowlands are a relative stronghold for this species.

Loch Fad	NS077616	F.L.S.	1996
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Potamogeton pectinatus **IV**

Fennel Pondweed

restricted habitat: the Bute sites are western outliers for this typically lowland species.

Greenan loch	NS066636	2006
Mountstuart resr.	NS093588	2002

Potamogeton perfoliatus **IV**

Perfoliate pondweed

in some of the larger lochs

Loch Quien	NS064593	F.L.S.	1996
Loch Fad	NS077616	F.L.S.	1996
Kirk dam	NS0613	F.L.S.	1996

Potamogeton praelongus **IV**

Long-stalked Pondweed

restricted habitat: deeper water-bodies. Now rare in Britain outside N and W Scotland, Argyll being its national stronghold.

Loch Quien	NS0659	BSBI	1998
Loch Fad	NS06	BSBI	1998

Potamogeton pusillus **V**

Lesser Pondweed

Bute lies at the W end of this species' core area in the Scottish central lowlands.

Loch Quien	NS064593	F.L.S.	1996
Loch Fad	NS077616	F.L.S.	1996
Greenan loch	NS067640	F.L.S.	1996
Kirk dam	NS0613	F.L.S.	1996

Potamogeton x zizii (P. gram x lucens) **IV**

Long-leaved Pondweed

This nationally scarce taxon may be under-recorded in Bute.

Loch Ascog	BSBI	1998
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Potentilla anglica **IV**

Trailing Tormentil

Bute lies close to the NW limit of this plant's British range.

Kerrytonlia	NS106564	2004
Kingarth war memorial	NS093586	2006
Ardnahoe	NS0657	2009

Prunus padus **V**

Bird Cherry

restricted habitat: ravine woodland on schist. Also planted occasionally for amenity. Following sites are native.

Colmac burn ravine	NS052676	2004
Lenihall cliffs	NS013675	2006
Glenmore burn gorge	NS031680	2004

Pseudorchis albida **(II)/VI**

Small-white Orchid

Extinct? Now very rare in S Scotland. Nationally vulnerable taxon.

Rothesay parish Ball. 1906

Radiola linoides **II**

All-seed

restricted habitat: on moist, bare ground. This nationally near-threatened species is widespread though infrequent on Bute.

Glenmore	NS025698	2006
Dhu loch	NS083613	2004
Kilmory shore	NS039593	2006
Ardscalpsie	NS045580	2006
Ardnahoe cliff (below)	NS063575	BSBI 1998
Port dornoch	NS083532	BSBI 1998
Barr hill	NS095521	2006

Ranunculus baudotii **IV**

Brackish Water-crowfoot

rare in Scotland, this species was first recorded for Bute and vc100 in 2005.

Cradh ruabh	NS088528	2005
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Ranunculus peltatus **IV**

Pond Water-crowfoot

Bute lies close to the NW limit of this species' range.

Loch Quien	NS065589	BSBI 1998
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Ranunculus sceleratus **V**

Celery-leaved Buttercup

enriched, often trampled places, usually near shore. Very scattered in Scotland away from the central lowlands.

Ardroscadale N	NS035649	2005
Largievrechan	NS0465	2006
Straad marsh	NS035618	2006
Scalpsie S	NS060578	2006
Mecknoch	NS041588	2006
Birgidale Butt	NS076586	2008
Stravanan	NS0756	2005
Dunagoil	NS0853	2005
Little Kilchattan	NS100560	2005

Ranunculus trichophyllus **VI**

Thread-leaved Water-crowfoot

Extinct? Very rare in SW Scotland.

Kingarth parish	Ball.	1906
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Raphanus raphanistrum ssp raphanistrum **IV**

Wild Radish

Now very rare in Bute: The Clyde area was a stronghold for this declining archaeophyte. R. raph. ssp maritimum is by contrast extremely abundant.

Scalpsie area	NS05	ARC	1988
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Rhynchospora alba **VI**

White beak-sedge

Possibly extinct from habitat loss due to drainage.

North Bute parish Ball. 1906

Rorippa palustris **V**

Marsh Yellow-cress

on damp or waste ground. Bute lies close to the NW limit of this species.

Cnoc an rath	NS053672	2005
Ardroscadale N	NS036649	2005
Greenan loch	NS067640	2005
Quien loch	NS065589	2005
Kingavin	NS094537	2008

Rorippa sylvestris **IV**

Creeping Yellow-cress

on damp or waste ground. Bute lies close to the NW limit of this species.

Rhubodach slip	NS027742	AMcGS	1989
Loch fad	NS080624	2005	
Ardenraig	NS1064	AEE	1928

Rosa rubiginosa **IV**

Sweetbriar

scrub and hedges. Status uncertain. Very scarce in W Scotland.

Mountstuart	NS1159	2002
Gallachan shore	NS071569	2006
Kilchattan lower resr.	NS105544	BSBI 1998
Rothesay parish	Ball.	1906

Rubus fruticosus agg.

Bramble

The following microspp are those recorded at <5 sites by ARC 1998, in the course of a Rubus survey. No other determinations have been made.

R. latifolius	Dunagoil	NS0853	ARC	1988
R. mucronulatus	Shalunt	NS0472	ARC	1988

Rubus saxatilis **IV**

Stone Bramble

Only one plant known at first site; present since at least 2002; not seen 2009.

Castle cree (S of)	NS0363	2008
Balnakeilly gorge	NS0021730	2009

Rumex conglomeratus **VI**

Sharp Dock

Edge of range. Not recorded recently, but perhaps overlooked, as known in Arran and Inchmarnock.

North Bute parish	Ball.	1906
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Ruppia maritima **VI**

Beaked Tasselweed

Not recorded recently, but perhaps overlooked. Scattered records in Argyll and Clyde area.

Kingarth parish	Ball.	1906	
Unloc.	NS05	TW	1908

Sagina apetala **V**

Upright Pearlwort

infrequent: lime-mortared walls and pavements.

Kilchattan village	NS1054	2005
Craigmore	NS1064	2005
Rothsay (castle)	NS087645	2004
Barefield	NS102576	2004
Little Kilchattan	NS1056	2006

Sagina subulata **V**

Heath Pearlwort

restricted habitat: on dry short turf, usually over trap rocks. Locally frequent in S Bute.

Kilmory shore	NS039597	2004
Ardnahoe cliff	NS064575	2004
Barr point	NS082538	2003
Dunagoil	NS085532	2002
Uamh capuill	NS093522	2004
Glencallum	NS111526	2002
Creag a mhara	NS113535	2006
Kerrycroy	NS107617	2002

Salicornia agg. **V**

Glasswort

local in salt marshes and on shingle

Rhubodach	NS0274	LF	1997
Ardmaleish	NS072697		2006
Straad saltmarsh	NS034621		2006
Mecknoch lagoon	NS041586		2006
Scalpsie S	NS060580		2006
Largizean shore	NS079553		2005

Salix fragilis **VII***Crack Willow*

rare: archaeophyte. Probably of relatively recent establishment.

Kirk dam	NS085635	2004
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Salix pentandra **V**

Bay Willow

small populations in fens and moist base-rich ground. Apparently native.

Edinbeg	NS059680	2006
Kirk Dam	NS078637	2003
Carnhousan wood	NS063580	2010
Quogach	NS054622	2004
Stravanan glen	NS080575	2006
Gallachan	NS071571	2006
Kerry pools	NS097592	2006
Black dubs	NS106582	2004
Millburn wood	NS100568	2003
Kingavin	NS095537	2007

Salix purpurea **VII**

Purple Willow

very rare. Status uncertain.

Drumreoch	NS092577	2005
Loch Fad, S end	NS068601	2007

Salix repens **IV**

Creeping Willow

restricted habitat: moist, base-rich heath.

Kilmory shore	NS039597	2006
Bullochreg by forest track	NS032728	2005
Kerry pools	NS097592	2006

Salsola kali **II/VI**

Saltwort

Extinct? Now rare in Firth of Clyde. Nationally vulnerable and Scottish BAP list species.

Kingarth parish	Ball.	1906
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Saponaria officinalis **VII**

Soapwort

long established and spreading in rough vegetation on dunes.

Kilchattan dunes	NS098557	2006
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Saxifraga aizoides **V**

Yellow Saxifrage

on extreme S edge of Scottish range: base-rich flushes in north Bute.

Forest track near junction	NS032728	2008
Balnakeilly burn	NS021730	2004
Corval hill	NR996731	2005
Glenmore	NS026697	2008
Wellpark rd cliff	NS106652	2007

Schoenoplectus lacustris **IV**

Common Club-rush

not common in Clyde area, though W Argyll is a Scottish stronghold.

Quien Loch	NS066592	2002
Lochan above Kelspoke	NS107536	2007
Rothsay parish	Ball.	1908

Schoenoplectus tabernaemontani **IV**

Grey Club-rush

very scattered in Scotland: only site in vc100.

Loch na leighe	NS103526	2006
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Scleranthus annuus **II**

Annual Knawel

restricted habitat? A few populations of this nationally endangered species, which seems to have declined seriously in the Clyde area. Scottish BAP list species.

Nether Ardrosedale	NS037626	2006
Scalpsie bay	NS054584	2006
Covin hill	NS089537	2008
S Garrochty	NS093528	2006

Rothesay parish	Ball.	1906	
<i>Sedum acre</i>			V
Biting Stonecrop			
<i>restricted habitat: on bare calciferous rocks, usually near sea.</i>			
Skerral point	NS017666	2005	
Kilmory shore	NS039595	2006	
Ardscalpsie	NS051581	2006	
Ettrick bay	NS033664	2004	
Ardroscadale N	NS035649	2005	
Scoulag shore	NS110605	2003	
Gallachan bay	NS070569	2006	
Kerrytonlia shore	NS1056	2005	
Stravanan shore	NS0756	2005	
<i>Sedum rosea</i>			VI
Roseroot			
<i>Not seen since 1982. Bute lies on the S fringe of this species' highland stronghold, but is too low-lying to afford suitable habitat.</i>			
Lenihuline shore	NR9969 JHD	1982	
Kingarth parish	Ball.	1906	
<i>Senecio viscosus</i>			IV
Sticky Groundsel			
<i>colonial on maritime shingle.</i>			
Scalpsie/Ardscalpsie shore	NS049579	2006	
Stravanan shore	NS0756	2007	
<i>Sherardia arvensis</i>			V
Field Madder			
<i>thin soils on coastal outcrops; casual on disturbed ground inland. Scottish BAP list species.</i>			
Loch Ascog (casual)	NS094630	2003	
Kilchousland	NS03476299	2007	
Ardscalpsie (Haystack)	NS050581	2006	
Ardnahoe cliff	NS064575	2006	
Uamh capuill	NS093522	ARC 1988	
<i>Silene latifolia</i>			IV
White Campion			
<i>Now scarce in SW Scotland.</i>			
St Ninians Bay	NS040618	2006	
Rothesay parish	Ball.	1906	
<i>Sinapis arvensis</i>			IV
Charlock			
<i>ruderal archaeophyte, much less common than formerly. Scottish BAP list species.</i>			
Rothesay	NS0864	2006	
<i>Soleirolia soleirolii</i>			VII
Mother of thousands			
<i>well naturalised on wet cliffs and walls near gardens. This neophyte is still scarce in Scotland.</i>			

Craigmore	NS106652	2004
Kyles Hydro	NS078671	2006
Rothesay, Ardbeg rd	NS0864	2004

<i>Sorbus aria agg.</i>			VII
Common Whitebeam			
<i>rare, presumably birdsown in natural habitat.</i>			
Loch na leighe (cliffs above)	NS106526	2005	
Port Bannatyne (above)	NS072669	2006	
Loch Quien	NS05 BSBI	1998	

<i>Sorbus intermedia agg.</i>			VII
Swedish Whitebeam			
<i>rare: scattered self-sown specimens in natural habitat.</i>			
St Blane's hill, N cliff.	NS096526	2004	

<i>Sparganium angustifolium</i>			IV
Floating Bur-reed			
<i>This species, frequent in Argyll but scarce in the lowlands, may still be under-recorded on Bute.</i>			
Loch Quien	NS0658 BSBI	1998	
Greenan loch	NS065636	2006	
Teydow pond	NS016716	2006	

<i>Sparganium natans</i>			IV
Least Bur-reed			
<i>scattered in SW Scotland.</i>			
Kirk Dam	NS0862	F.L.S.	1996.

<i>Spergula arvensis</i>			II
Corn Spurrey			
<i>common on bare, trampled ground; a weed in arable and newly seeded leys. In over 50 1km squares. This nationally vulnerable archaeophyte is still general at hectad level in SW Scotland.</i>			

<i>Spergularia marina</i>			IV
Lesser Sea-spurrey			
<i>much more local than <i>S. media</i> in same habitat.</i>			
Straad saltmarsh	NS034621	2006	
Mecknoch lagoon	NS041586	2006	

<i>Spergularia rubra</i>			IV
Sand Spurrey			
<i>very local but sometimes abundant on forestry tracks.</i>			
Glenmore turning circle	NS016713+	2006	
all three parishes	Ball.	1906	

<i>Stachys arvensis</i>			II
Field Woundwort			
<i>on moist tracks or as an arable weed: this declining archaeophyte is now very scattered in Scotland. Nationally near-threatened and Scottish BAP list species.</i>			
Blackpark	NS093554	2007	
Amrisbeg	NS067596	2007	

Birgidale Butt	NS076585	2008
Stravanan	NS0757 JHD&WMB	1982
Dunagoil bay	NS0853 AMcGS	1989

Suaeda maritima

V

Annual Seablite

fairly frequent on shingly shores, often below HWM, close to freshwater outfalls. Well represented on Bute in suitable habitats.

Lagganbeg	NS006742	2005
Rhubodach	NS027742	2005
Bullochreg	NS036730	2005
Shalunt	NS051713	2004
Ardmaleish/Kyles shore	NS067699	2006
Ardbeg/pointhouse	NS080672	2005
Straad saltmarsh	NS034621	2006
Mecknoch lagoon	NS041586	2006

Tanacetum vulgare

VII

Tansy

well established locally in rough vegetation on roadsides and foreshores, but not thought native.

Ettrick bay	NS043655	2005
Kilchattan bay	NS100560	2004

Taxus baccata

VII

Yew

rare in apparently wild situations, where possibly native. Frequently planted in gardens and sometimes self-seeded nearby.

Barmore wood	NS068608	2005
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Teesdalia nudicaulis

II

Shepherd's Cress

sand dunes; very scattered in W Scotland. Nationally near-threatened and Scottish BAP list species. Only known site in vc100.

Scalpsie	NS06045830	2006
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Thlaspi arvense

IV

Pennycress

rather infrequent in W Scotland

St Blanes turning circle	NS092531	2010
Sallan port	NS043602	2007

Tolmeia menziesii

VII

Pick-a-back Plant

neophyte, well naturalised by shady burn-sides. At W end of Scottish lowland core area.

Kyles hydro	NS076672	2005
Cnocnicoll wood	NS104610	2003
Colmac burn (Acholter bridge)	NS051666	2003

Tragopogon pratensis

IV

Goatsbeard

rare ruderal, at W extremity of range in central Scotland.

Kilchattan 'Wee Bay'	NS099559	2005
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Trifolium campestre

IV

Hop trefoil

grassy places near sea; scattered at hectad level in SW Scotland.

Kilchattan bay	NS1056	2002
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Trifolium hybridum

IV

Alsike Clover

on waste ground. Scottish records of this neophyte are scattered, away from the central belt.

Rothsay, John St.	NS086644	2006
Cnoc an rath cemy	NS053672	2005

Trifolium medium

VI

Zigzag Clover

Now rare or extinct. This species has decreased significantly in the Argyll and Clyde area, but may still occur on Bute.

All three parishes	Ball.	1906.
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Trifolium micranthum

IV

Least Yellow-trefoil

in newly sown amenity grass. This record is the first for vc100. Scottish BAP list species.

Bogany point	NS105654	MEB	2003.
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Trifolium striatum

IV

Knotted Clover

this is the only vc100 record, at the NW limit of its British range. First recorded at this site by JHD 1983

Ardscalpsie 'Haystack',	NS050581	2007
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Trollius europaeus

VI

Globeflower

probably extinct, from habitat loss. This species is in general decline. Bute lies on the S fringe of its core highland area.

North Bute parish	Ball.	1906
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Ulex gallii

VII

Western Gorse

sole locality for vc100: status uncertain, perhaps unlikely to be native at this isolated site, though it was recorded in the same area a century ago.

Scalpsie	NS05	BSBI	1998.
Kingarth war memorial	NS0958		2009

Urtica urens

IV

Small Nettle

a weed of arable and field edges on enriched sandy soils, this archaeophyte is now very rare on Bute.

Little Kilchattan	NS100560	2004	
Straad	NS041619	ARC	1988

Dunagoil bay NS0853 AMcGS 1989

***Utricularia intermedia* agg. V**

Intermediate Bladderwort

base rich peaty pools. Bute lies on the S edge of its core highland area. Most records are believed to be U. stygia.

Teydow pond	NS016716	2006
Cranslagloan marsh	NS057654	2003
Quien Hill (mires to W)	NS056594	2003

***Utricularia minor* agg. IV**

Lesser Bladderwort

acid peaty pools; this species is perhaps under-recorded on Bute.

Quien hill (mires to W)	NS056594	2003
Bickers houses (pools)	NS05906026	2006
Kerrycroy moor	NS09526110	2007

***Vaccinium oxycoccus* IV**

Cranberry

restricted habitat: sphagnum bogs. first recorded for Bute in 2004.

Red Loch	NS004720	2006
Bull Loch, S shore	NS008731	2007
Lord James ride (mires to N)	NS08955955	2006
Lyeing hill	NS0370	2008
Tor-a-chrew beg	NS051698	2010

***Vaccinium vitis-idaea* IV**

Cowberry

First recorded for Bute by Robertson 1768, not again till 2007. 20m patch at Scoulag moor site. Small patch on Cnocanallt is first record on northern hills.

Scoulag moor at 100m	NS08746009	2007
Cnocanallt	NS036710	2008

***Valeriana pyrenaica* VII**

Pyrenean Valerian

a long established neophyte, These Bute sites mark the western extremity of its Scottish core area.

Millbank	NS105639	2004
Craigberoch	NS069639	2007
Balmory road	NS102627	2007

***Valerianella locusta* V**

Cornsalad

scattered at hectad level in Scotland: on thin, dry, sandy soil, usually near the sea and especially on the fossil cliffs.

Ardscalpsie (haystack)	NS050581	2006
Ardnahoe cliff	NS064575	2006
Gallachan cliff	NS074567	2010
Uamh capuill	NS093522	2006
Creag a mhara	NS113535	2006
Kerrytonlia cliff	NS116568	2002
Rothesay	NS092644	2008

***Verbascum thapsus* IV**

Great Mullein

the native sites in south Bute lie on the northern edge of its range; it also occurs as a rare ruderal.

Bruach nan caorach cliff	NS113531	2004
Port na caillich	NS109523	2007
Kilchattan dunes	NS098557	2007
Rothesay	NS087642	2006
Bogany point	NS106654	2004

***Veronica agrestis* V**

Green Field-speedwell

rather scattered in W Scotland: an arable and garden weed, much less common than V. persica.

Cnoc an rath	NS051673	1992
Glenmore	NS026696	2007
St Ninians bay	NS037617	2003
Rothesay	NS087642	2006
Bruchag	NS114577	2002
Little Kilchattan	NS100560	2005

***Veronica anagallis-aquatica* IV**

Blue Water-speedwell

base rich marshes and fens on raised beaches. Apparently very rare in the western central lowlands.

Rothesay lade	NS083636	2003
Straad marsh	NS035618	2006
Kerrytonlia raised beach	NS116568	2002

***Veronica hederifolia* IV**

Ivy-leaved Speedwell

road verges in Rothesay area. Very scattered towards NW limit of range.

verge by Victoria hosp.	NS087638	2007
Ascog, Balmory road	NS107629	2008
All three parishes	Ball.	1906

***Veronica montana* IV**

Wood Speedwell

slightly acidic woodland; occasionally abundant, as at Mountstuart, but distinctly local.

Skeoch wood	NS082655	2003
Mountstuart policy woods	NS107602	2008
Kerrylamont shore	NT112589	2008
Ascogbank	NS106624	2004
N Lenihuline	NR995701	2007

***Vicia hirsuta* IV**

Hairy Tare

in natural habitat on scree, or as a weed of disturbed ground. On W edge of range in central Scotland.

Hawk's Nib.	NS113535	2006
Dunagoil	NS084531	2008
Rothesay, John St.	NS086644	2006
unloc.	NS05 BRC	1950+

Vicia lathyroides**IV**

Spring Vetch

in short dry turf over basalt near sea. Scattered around the Clyde area, but some records may refer only to a depauperate form of Vicia sativa nigra.

Uamh capuill	NS093522	ARC 1988
Dunagoil	NS085530	2010
Haystack	NS050580	2010

Vicia tetrasperma**IV**

Smooth Tare

in disturbed, weedy ground; status uncertain. An inconspicuous taxon. First record for vc100.

Rothesay, John st.	NS086644	2005
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Viola arvensis**IV**

Field Pansy

restricted habitat: an archaeophyte arable weed, very scattered in Scotland beyond its lowland range

St Ninians bay	NS037617	2003
Little Kilchattan	NS100560	2005
Blackpark	NS092554	2005

Viola tricolor**II/VI**

Wild Pansy

Now possibly extinct. There is a 1984 record for Inchmarnock NS05 by JHD. Ball. also records V. curtisii from all three parishes. Nationally near-threatened and Scottish BAP list species.

All three parishes	Ball.	1906
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Vulpia bromoides**V**

Squirreltail Fescue

dry banks of thin turf and bare, impoverished soil. Scattered at hectad level in SW Scotland.

Creag a mhara	NS113535	2006
Uamh capuill/Dunagoil	NS093522	2005
St. Blane's	NS095533	2007
Ardscalpsie (trackside)	NS046578	2003
Meikle Kilmory	NS048610	2008
Shalunt (lay-by)	NS052710	2006
Glencallum bay	NS11165274	2007

Zostera marina agg.**II/VI**

Eelgrass

Possibly extinct or overlooked. Nationally near-threatened species.

Kingarth parish	Ball.	1906
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