

## Examples of validation and verification

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- Validation and verification issues from Scottish vice-counties
- All examples were found using VCRs' *my county > data validation* tabs

## vc72 – grid ref x vc mismatches

search for [?](#) Records (specimens or observations) ▾

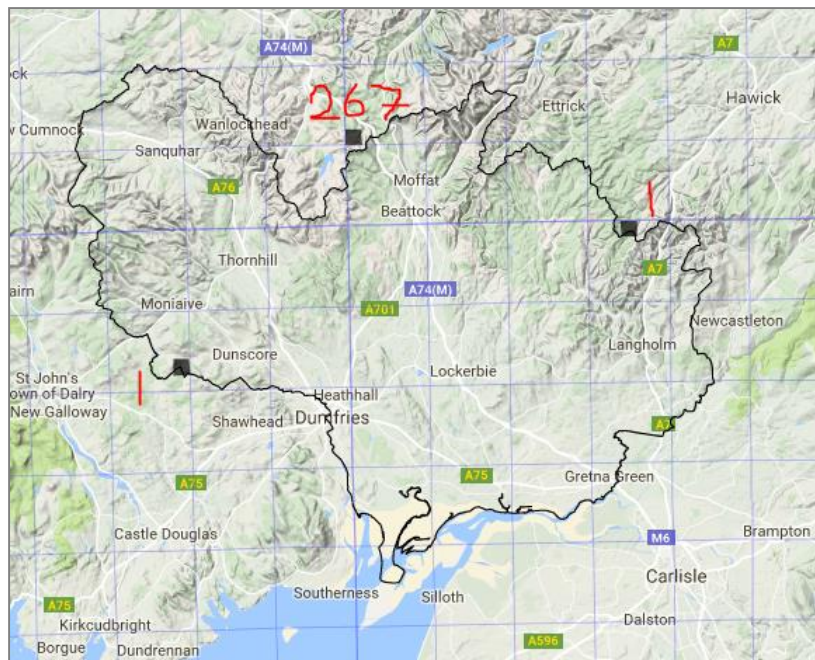
county/region [?](#) VC72 Dumfriesshire ✕ +

place name [?](#) place name broad match ✕ +

validation state [?](#) Accepted or unchecked ✕ +

grid-ref and vc validation [?](#) mismatches within 1km of county boundary ✕ +

more options ▾



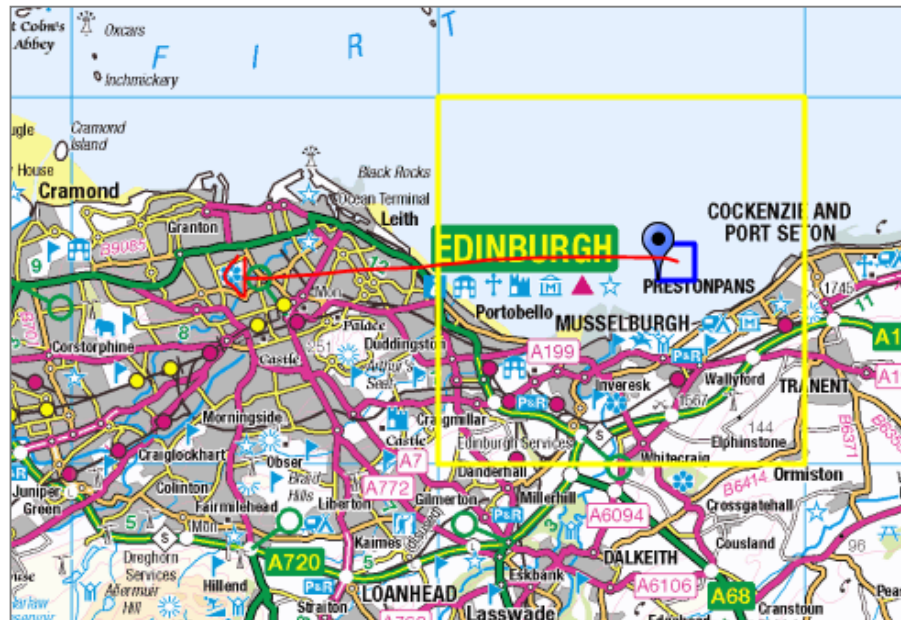
267 of 269 vc x grid ref mismatches  
from a single tetrad

In this case all site names and grid  
refs match, so just need to correct  
the vice-county. All records are from  
MapMate.

results table		download	help
2 groups matched your query.			
data set		total freq	
<a href="#">MapMateCentre:2v3</a>		268	
<a href="#">MapMateCentre:5xw</a>		1	

1 record matched your query.

?	record	taxon	recorder	vc	locality	grid ref	date	status
		<a href="#">Taraxacum bracteatum</a>	<a href="#">Pankhurst, R.J.</a>	VC83 *	<a href="#">Edinburgh RBG</a>	<a href="#">NT3675</a>	18/5/1994	



Grid ref is in sea. RBGE is in monad NT2475 (and in different hectad). Richard Pankhurst also worked at RBGE, which adds additional support to that being the correct grid ref.

## Other possible oddities

Please check occurrence records that the database system has highlighted (only a small proportion of these are likely to be erroneous).

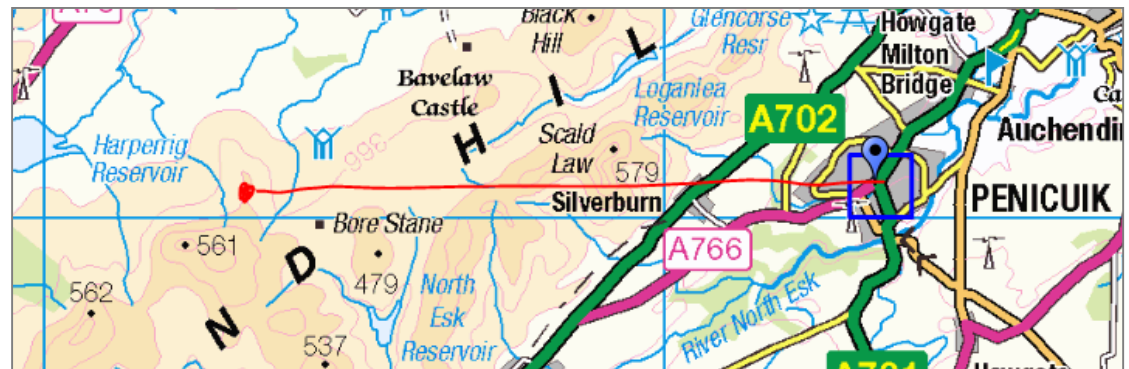
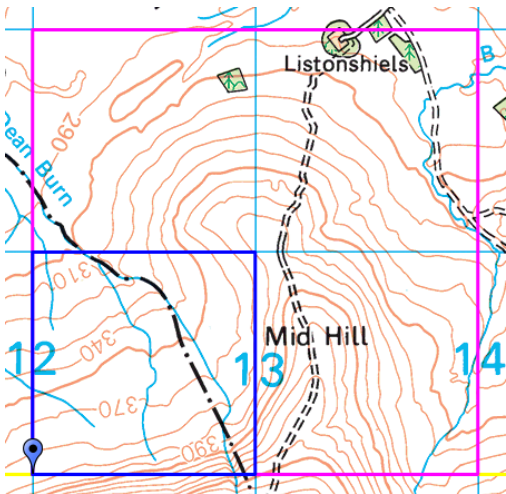
	current validation state		
	unchecked	confirmed	needs verification
records near the maximum of their (inferred) altitudinal range	<a href="#">533</a>	<a href="#">149</a>	0
records near the minimum of their (inferred) altitudinal range	<a href="#">5</a>	<a href="#">12</a>	0

3 records matched your query.

	record	taxon	recorder	vc	locality	grid ref	date	status
		<a href="#">Rubus chamaemorus</a>	<a href="#">Heern, K.</a>	VC83	<a href="#">Mid Hill, Pentlands</a>	<a href="#">NT234605</a>	1976	
		<a href="#">Rubus chamaemorus</a>	<a href="#">Hearn, K.</a>	VC83	<a href="#">Mid Hill, Pentlands</a>	<a href="#">NT234605</a>	1976	
		<a href="#">Rubus chamaemorus</a>	<a href="#">McKean, D.R.</a>	VC83	<a href="#">West of Mid Hill</a>	<a href="#">NT1260</a>	1/7/1994	

6-fig grid ref is at 184m AOD (just possible), but location is in middle of Penicuik.

Mid Hill is in tetrad NT16F (a different hectad), where there is a later record from monad NT1260  
*NB make sure both copies of incorrect record are corrected. One record is from MapMate and one is from VPDB (and which had previously been confirmed. NB recorder name spelt in two ways ... HEERN and HEARN. Which is correct?*



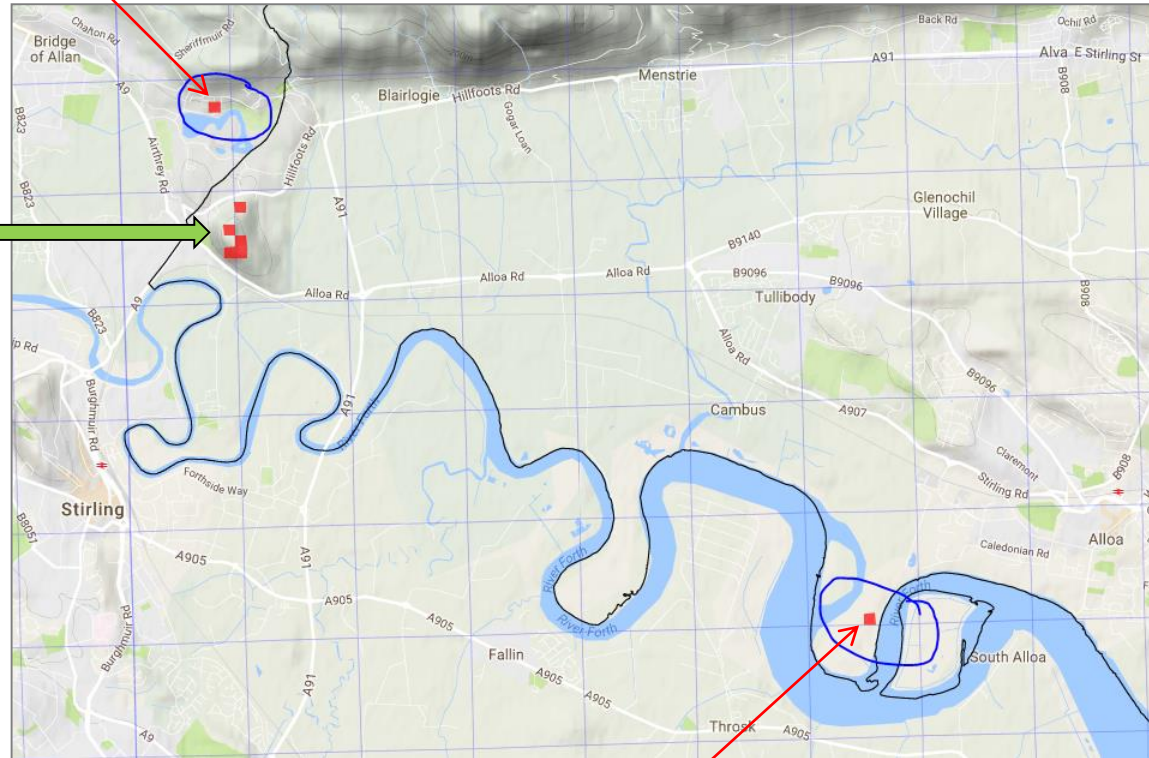
## vc87 records from Abbey Craig – site name x grid ref mismatches

1 record matched your query.

record	taxon	recorder	vc	locality	grid ref	date	status
	<a href="#"><i>Hieracium caesiomurorum</i> *</a>	<a href="#">Stewart, N.F.</a>	VC87 *	<a href="#">Abbey Craig</a>	<a href="#">NS808967</a>	27/6/1987	

Incorrect grid ref

Abbey Craig



1 record matched your query.

record	taxon	recorder	vc	locality	grid ref	date	status
	<a href="#"><i>Rumex conglomeratus</i></a>	<a href="#">Taylor, N.W.</a>	VC87	<a href="#">Abbey Craig</a>	<a href="#">NS865920</a>	1970-1986	

Incorrect site name



search for Records (specimens or observations) ▼

county/region VC88 Mid Perthshire

place name place name broad match

status (external scheme) native National status

archaeophyte National status

validation state Unchecked

singleton single record within specified radius (at species level or above) radius (km) 100

more options ▼

<a href="#">Gymnocarpium robertianum</a> (102km)	<a href="#">Smith, R.A.H. Noltie, H.</a>	VC88	<a href="#">Schiehallion</a>	<a href="#">NN75NW</a>	14/7/1975-12/7/1980
<a href="#">Gymnocarpium robertianum</a> (102km)	<a href="#">Muscott, J. &amp; E.N.H.S</a>	VC88	<a href="#">Schiehallion</a>	<a href="#">NN715572</a>	31/8/1996
<a href="#">Gymnocarpium robertianum</a> (102km)	<a href="#">Smith, R.A.H.</a>	VC88	<a href="#">Schiehallion</a>	<a href="#">NN75NW</a>	15/7/1973-24/8/1979
<a href="#">Gymnocarpium robertianum</a> (102km)	<a href="#">Roger Holme (Edinburgh Natural History Society)</a>	VC88	<a href="#">Limestone area opp Lochan an Daim</a>	<a href="#">NN716573</a>	24/7/2004

Remove 'validation state' from the query and rerun. All look ok, except Babington record (confirmed) which may have incorrect date (wrong century?)

<a href="#">Gymnocarpium robertianum</a> 1st (102km)	<a href="#">Babington, C.</a>	VC88	<a href="#">Kinloch Rannoch, E of</a>	<a href="#">NN716573</a>	1/7/1966
<a href="#">Gymnocarpium robertianum</a> (102km)	<a href="#">Smith, R.A.H.</a>	VC88	<a href="#">Schiehallion</a>	<a href="#">NN75NW</a>	15/7/1973-24/8/1979
<a href="#">Gymnocarpium robertianum</a> (102km)	<a href="#">Smith, R.A.H. Noltie, H.</a>	VC88	<a href="#">Schiehallion</a>	<a href="#">NN75NW</a>	14/7/1975-12/7/1980
<a href="#">Gymnocarpium robertianum</a> (102km)	<a href="#">Smith, R.</a>	VC88	<a href="#">Schiehallion SSSI: Loch an Daim, limestone pavement</a>	<a href="#">NN7157</a>	24/8/1977
<a href="#">Gymnocarpium robertianum</a> (102km)	<a href="#">Stewart, N.F.</a>	VC88	<a href="#">Lochan an Daim</a>	<a href="#">NN75</a>	1980-1986
<a href="#">Gymnocarpium robertianum</a> (102km)	<a href="#">Thomas, R.E.</a>	VC88	<a href="#">Kinloch Rannoch, E of</a>	<a href="#">NN716573</a>	1987
<a href="#">Gymnocarpium robertianum</a> (102km)	{ <a href="#">Thomas, R.E.</a> }	VC88	<a href="#">VC88 Mid Perthshire</a>	<a href="#">NN75</a>	1987-1999
<a href="#">Gymnocarpium robertianum</a> (102km)	<a href="#">Muscott, J.</a>	VC88	<a href="#">Schiehallion, N of</a>	<a href="#">NN7157</a>	30/7/1991
<a href="#">Gymnocarpium robertianum</a> (102km)	<a href="#">Muscott, J.</a>	VC88	<a href="#">Schiehallion SSSI</a>	<a href="#">NN75</a>	3/8/1996
<a href="#">Gymnocarpium robertianum</a> (102km)	<a href="#">Muscott, J. &amp; E.N.H.S</a>	VC88	<a href="#">Schiehallion</a>	<a href="#">NN715572</a>	31/8/1996
<a href="#">Gymnocarpium robertianum</a> (102km)	<a href="#">Muscott, J.</a>	VC88	<a href="#">Schiehallion</a>	<a href="#">NN715572</a>	31/8/1996
<a href="#">Gymnocarpium robertianum</a> (102km)	<a href="#">Roger Holme (Edinburgh Natural History Society)</a>	VC88	<a href="#">Limestone area opp Lochan an Daim</a>	<a href="#">NN716573</a>	24/7/2004

## Other possible oddities

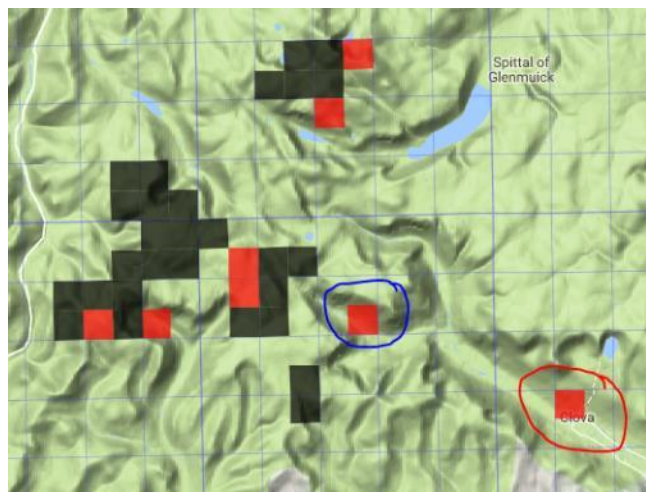
Please check occurrence records that the database system has highlighted (only a small proportion of these are likely to be erroneous).

	current validation state	confirmed	needs verification
records near the maximum of their (inferred) altitudinal range	unchecked 249	1711	0
records near the minimum of their (inferred) altitudinal range	4	23	0

4 records matched your query.

		taxon	recorder	vc	locality	grid ref	date	
		<a href="#">Athyrium distentifolium</a>	<a href="#">Edgington, J.</a>	VC90	<a href="#">Glen Esk Whitehillocks</a>	<a href="#">NO45367938</a>	3/11/2013	
		<a href="#">Carex rariflora</a> *	<a href="#">Heath, D.M.</a>	VC90	<a href="#">Glen Clova</a>	<a href="#">NO3273</a>	29/7/1933	
		<a href="#">Lycopodium annotinum</a>	<a href="#">Hogarth, B.G.</a>	VC90	<a href="#">Montreathmont Forest</a>	<a href="#">NO595546</a>	2008	
		<a href="#">Scrophularia scopoli</a> *	<a href="#">Green, Paul Richard</a>	VC90	<a href="#">Kinnaid Park</a>	<a href="#">NO63095808</a>	7/4/2012	

- *Athyrium distentifolium* – 239m AOD. Grid ref and site name match. From air photos location is river bank. Double check with recorder as very low altitude for this species.
- *Carex rariflora* - grid ref is for Glen Clova Hotel monad (circled in red on map). The only hectad record. Record has additional details; 'Jack Road' is Jock's Road; Glen Fiadh is Coire Fee. CHANGE grid ref to NO27 (hectad). Checking map found 3 further records in NO2576 (circled in blue on map). All have spurious precision; CHANGE to hectad NO27.



## Record (voucher specimen)

taxon	<a href="#">Carex rariflora (Wahlenb.) Sm. "Mountain Bog-sedge"</a>
date	29/7/1933
locality	<a href="#">Glen Clova VC90 NO3273</a>
collector	<a href="#">D.M. Heath</a>
sex/stage	present
attributes	abundance: Present
curation	BIRM
notes	comment: <a href="#">Low down near Jack Rd, Clova, towards Glen Fiadh.</a>
references	2004. <a href="#">University of Birmingham (1999-2004)</a>
source data set	<a href="#">University of Birmingham (BIRM)</a>
status	unknown
external id	BSBI:TPDB:record:169845
ddb row id	2cd4p9h.30rv5v#2cd4p9h.30rv5w
data source	<a href="#">Threatened plants database</a> (via provider <a href="#">The Botanical Society of the British Isles</a> )
last modified	Tue, 14 Sep 10 12:16:42 +0100

## University of Birmingham Herbarium – records from Scottish vice-counties

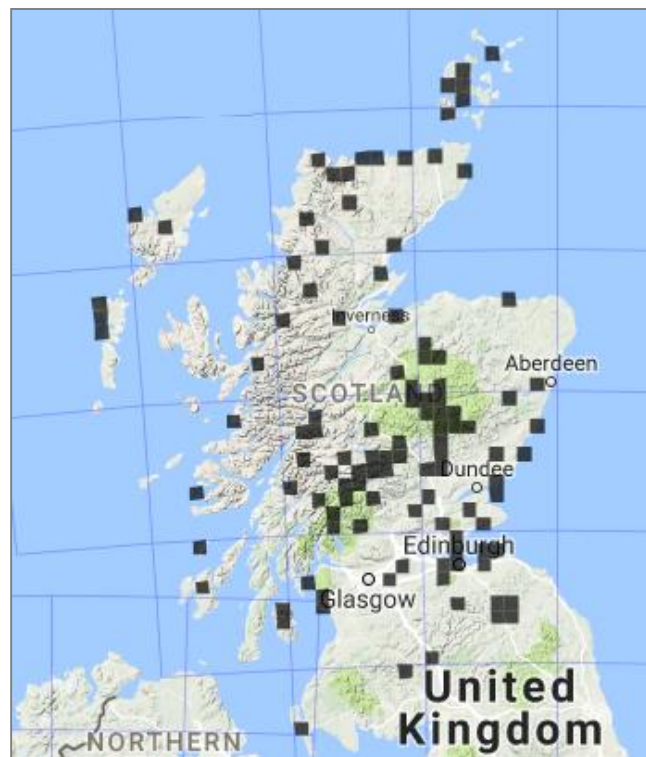
search for [?](#) Records (specimens or observations) ▼

county/region [?](#) Scotland ✕ +

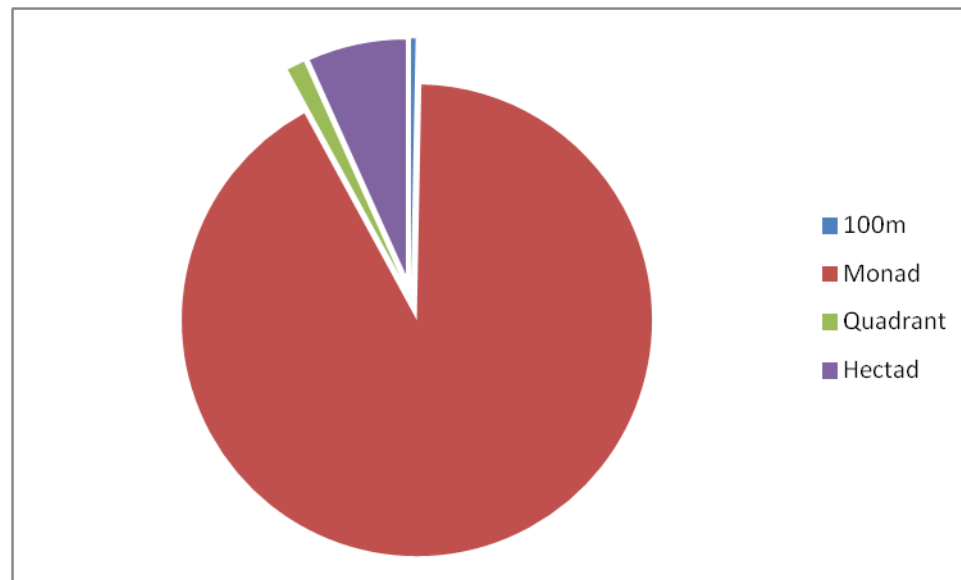
date recorded [?](#) to 1945 to ▼ for vague record date ranges use end date ✕ +

data set [?](#) University of Birmingham ☐ exclude ✕ +

[more options ▼](#)




Grid reference precision of records derived from herbarium specimens dated prior to OS grid appearing on maps. All grid refs likely to have been assigned to records in the process of digitisation. Some grid refs known to be spuriously precise or incorrect.













## Record (field observation)

taxon	<a href="#">Carex limosa L. "Bog-sedge"</a> identified by <a href="#">James Cadbury</a>
date	14/7/2004
locality	<a href="#">RSPB Coull Fen Compt VC96</a> <b>NH813028</b> 
recorder	<a href="#">James Cadbury</a>
attributes	<i>Mapmate:status:</i> Not recorded <i>Mapmate:method:</i> Field record / observation
notes	<b>A large patch in wet runnels. &lt;NH 8143 0288&gt;</b>
references	<a href="#">Cadbury, C.J. 2005. Vascular plants and stoneworts at RSPB nature reserves 2004</a>
source data set	<a href="#">MapMate centre 4ra</a> <a href="#">RSPB Mapmate Records (RSPB)</a>
status	unknown
external id	<a href="#">MapMate:record:mcsi4ra</a>
ddb row id	2cd4p9h.7yq3cs#2cd4p9h.a7dxqg
data source	<a href="#">MapMate</a> (via provider <a href="#">MapMate</a> )
last modified	Sat, 02 Mar 13 23:13:52 +0000

Grid refs inconsistent

Site grid ref edited (was compartment centroid)








site name  **RSPB Coull Fen Compt** vc **VC96**    

grid reference grid square **NH81430288**   source unknown 

altitude (m)

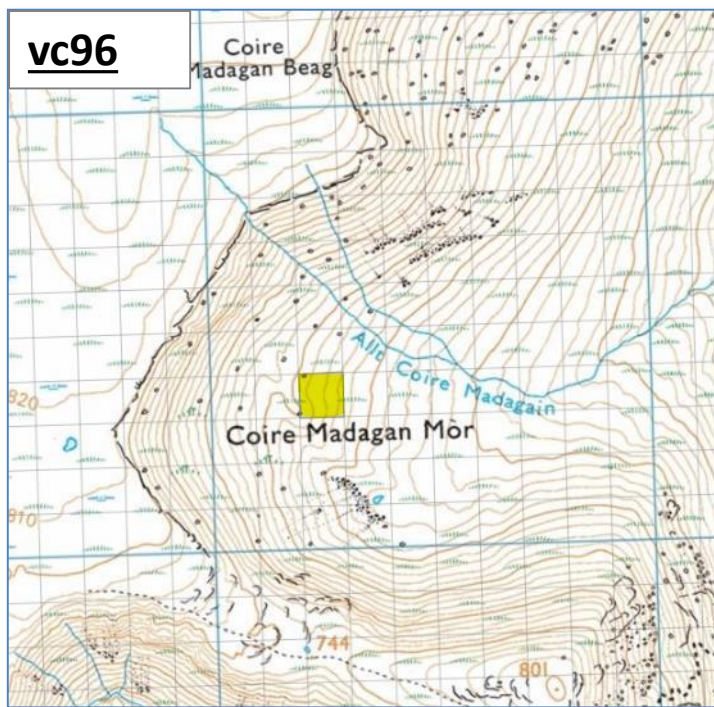
site notes GR from notes. Previously given as NH813028.

1 record matched your query.

	 record	taxon	recorder	 vc	locality	grid ref	date	 status
		<a href="#">Juncus castaneus</a>	<a href="#">Batty, P. Batty, D.</a>	VC96	<a href="#">An Riabhachan (NH1133)</a>	<a href="#">NH151345</a>	3/8/1997	

Site name includes a monad grid ref, that matches the locality name, but it does not match the actual site grid ref. No other details. *Juncus castaneus* is recorded from monad NH1534, but not from NH1133.

Check with recorder. If not able to confirm where record was from, reduce precision of record to hectad, or Reject.



search for

county/region

precision

site name

grid-reference

group by

data set

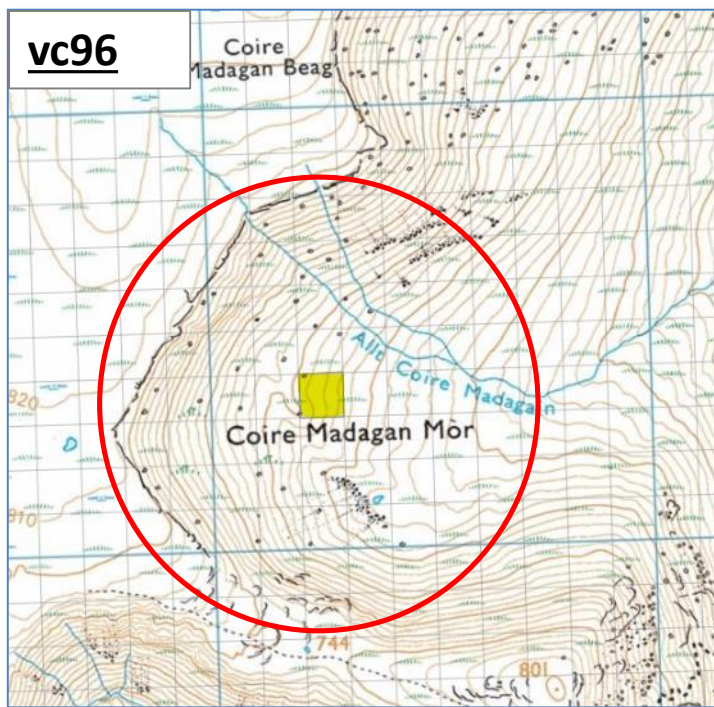
distinct

frequency (min/max)  at least

data source  ☒ exclude

siteName	gridRef	vc	datasetname	taxa
Coire Madagan Mor	NN742853	96	Vascular plant data for Perthshire and Angus from SNH and BSBI	66

Example of a site where a 100m precision grid reference was most probably used as an approximate site centroid. The coire extends into 2 tetrads / 3 monads, hence the grid reference can not sensibly be modified to a lower precision grid square.



search for

county/region

precision

site name

grid-reference

group by

data set

distinct

frequency (min/max)  at least

data source  ☒ exclude

siteName	gridRef	vc	datasetname	taxa
Coire Madagan Mor	NN742853	96	Vascular plant data for Perthshire and Angus from SNH and BSBI	66

Example of a site where a 100m precision grid reference was most probably used as an approximate site centroid. The coire extends into 2 tetrads / 3 monads, hence the grid reference can not sensibly be modified to a lower precision grid square.

Therefore site grid reference has been altered to a centroid, with diameter 1km, (radius 500m).

**Bulk edit**

Edit 66 records?

grid reference type

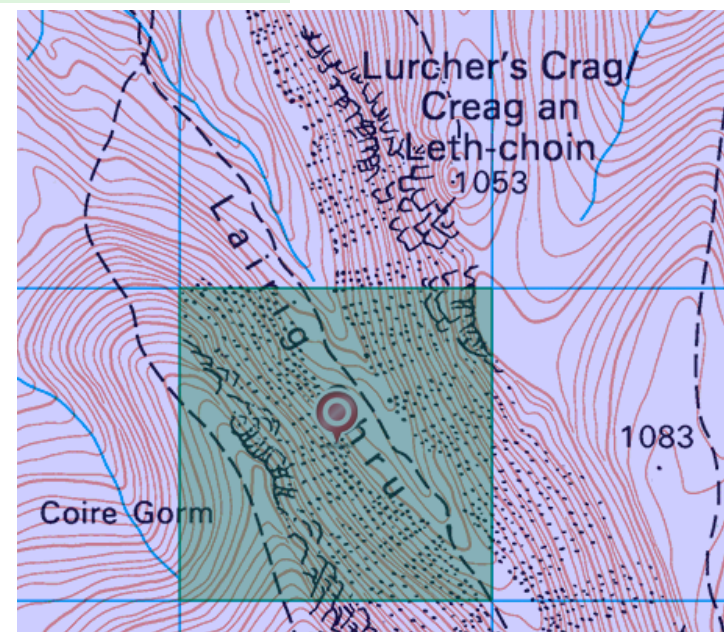
centroid diameter (m)

comment:  
Grid reference interpreted as centroid of whole coire.

12 records matched your query.

<input type="checkbox"/>	<input type="checkbox"/> record	<input type="checkbox"/> taxon	recorder	<input type="checkbox"/> vc	locality	grid ref	date	<input type="checkbox"/> status
<input type="checkbox"/>		<a href="#">Arabidopsis petraea</a>	<a href="#">Somerville, A.</a>	VC96	<a href="#">Lairig Ghru</a>	<a href="#">NH9602</a>	21/7/1892	
<input type="checkbox"/>		<a href="#">Arabidopsis petraea</a>	<a href="#">Somerville, A.</a>	VC96	<a href="#">Lairig Ghru, pass</a>	<a href="#">NH90</a>	21/7/1892	
<input type="checkbox"/>		<a href="#">Arabidopsis petraea</a>	<a href="#">Melvill, J.C.</a>	VC96	<a href="#">Lairig Ghru, pass</a>	<a href="#">NH90</a>	1901	
<input type="checkbox"/>		<a href="#">Arabidopsis petraea</a>	<a href="#">Melvill, J.C.</a>	VC96	<a href="#">Lairig Ghru</a>	<a href="#">NH9602</a>	1901	
<input type="checkbox"/>		<a href="#">Arabidopsis petraea</a>	<a href="#">Groves, H.</a>	VC96	<a href="#">Lairig Ghru</a>	<a href="#">NH9602</a>	29/8/1901	
<input type="checkbox"/>		<a href="#">Arabidopsis petraea</a>	<a href="#">Groves, H.</a>	VC96	<a href="#">Lairig Ghru, pass</a>	<a href="#">NH90</a>	29/8/1901	
<input type="checkbox"/>		<a href="#">Arabidopsis petraea</a>	<a href="#">Groves, H.</a>	VC96	<a href="#">Lairig Ghru</a>	<a href="#">NH9602</a>	29/8/1901	
<input type="checkbox"/>		<a href="#">Arabidopsis petraea</a>	<a href="#">Haines, E.S.</a>	VC96	<a href="#">Lairig Ghru</a>	<a href="#">NH9602</a>	22/6/1935	
<input type="checkbox"/>		<a href="#">Arabidopsis petraea</a>	<a href="#">Haines, E.S.</a>	VC96	<a href="#">Lairig Ghru, pass</a>	<a href="#">NH90</a>	22/6/1935	
<input type="checkbox"/>		<a href="#">Arabidopsis petraea</a>	<a href="#">Wells, T.C.E.</a>	VC96	<a href="#">Lairig Ghru</a>	<a href="#">NH9602</a>	16/7/1958	
<input type="checkbox"/>		<a href="#">Arabidopsis petraea</a>	<a href="#">Wells, T.C.E.</a>	VC96	<a href="#">Lairig Ghru</a>	<a href="#">NH9602</a>	16/7/1958	
<input type="checkbox"/>		<a href="#">Arabidopsis petraea</a>	<a href="#">Wells, T.C.E.</a>	VC96	<a href="#">Lairig Ghru, pass</a>	<a href="#">NH90</a>	16/7/1958	

- Spurious precision (monad) of duplicate hectad records
- Change monad to hectad, or
- Change all records to NH90SE Quadrant
- Record dated 1958 may have correct grid ref, and is in same tetrad as other more recent records






## vc96

Record (field observation)

taxon [Lythrum portula \(L.\) D.A.Webb "Water-purslane"](#)

date 1904

locality [Lochan near Aldourie Pier VC96 NH63](#) 

recorder [G.T. West](#)

validity confirmed externally, assessed by **external VPDB user**

source data set [Vascular plant data for Scottish vice-counties: Easternness \(v.c. 96\) \(VPDB:dataset:551\)](#)



- Record originally assigned to hectad NH63 (to right of yellow line on map)
- But site name 'Lochan near Aldourie Pier' clearly refers to NH5936 in hectad NH53
- NH53 is a 'new' hectad record

(Record has been edited on DDb)

18 records matched your query.

		taxon	recorder		locality	grid ref	date	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i> 1st</a>	<a href="#">McCallum Webster, M.</a>	VC96	<a href="#">Kincardine Church</a>	<a href="#">NH91</a>	1875	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>	<a href="#">McCallum Webster, M.</a>	VC96	<a href="#">Kincardine Church</a>	<a href="#">NH91</a>	1893	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>	<a href="#">McCallum Webster, M.</a>	VC96	<a href="#">Ruthven Barracks</a>	<a href="#">NN7699</a>	7/1930	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>	<a href="#">Graham, R.A.</a>	VC96	<a href="#">VC96 East Inverness-shire</a>	<a href="#">NN763995</a>	7/1944	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>		VC96	<a href="#">VC96 East Inverness-shire</a>	<a href="#">NN79</a>	1950-1969	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>		VC96	<a href="#">VC96 East Inverness-shire</a>	<a href="#">NN79</a>	1950-1969	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i> *</a>		VC96	<a href="#">VC96 East Inverness-shire</a>	<a href="#">NH70</a>	1950-1969	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>	<a href="#">McCallum Webster, M.</a>	VC96	<a href="#">Coylum Bridge: N of</a>	<a href="#">NH9111</a>	7/1962	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>	<a href="#">{ Barron, M. }</a>	VC96	<a href="#">VC96 East Inverness-shire</a>	<a href="#">NH80</a>	1970-1986	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i> *</a>	<a href="#">Webster, M.McC.</a>	VC96	<a href="#">VC96 East Inverness-shire</a>	<a href="#">NH8304</a>	15/7/1973	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>	<a href="#">McCallum Webster, M.</a>	VC96	<a href="#">Feshie Bridge</a>	<a href="#">NH8304</a>	15/7/1973	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>	<a href="#">McCallum Webster, M.</a>	VC96	<a href="#">Newtonmore: River Calder</a>	<a href="#">NN7098</a>	17/7/1973	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>	<a href="#">Webster, M.McC.</a>	VC96	<a href="#">VC96 East Inverness-shire</a>	<a href="#">NN7098</a>	17/7/1973	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>	<a href="#">{ Barron, M. }</a>	VC96	<a href="#">VC96 East Inverness-shire</a>	<a href="#">NN79</a>	1987-1999	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>	<a href="#">Barron, M. Langton, A.</a>	VC96	<a href="#">Tromie Br+Ruthven Barracks+Newtonmore, R Calder</a>	<a href="#">NN79</a>	30/6/1988	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>	<a href="#">Wilkinson, Steve</a>	VC96	<a href="#">RSPB Ruthven Compt</a>	<a href="#">NN763998</a>	5/6/2011	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>	<a href="#">Amphlett, A.</a>	VC96	<a href="#">Ruthven Barracks</a>	<a href="#">NN764996</a>	24/8/2014	
<input type="checkbox"/>		<a href="#"><i>Sambucus ebulus</i></a>	<a href="#">Amphlett, A.</a>	VC96	<a href="#">Ruthven Barracks</a>	<a href="#">NN764996</a>	14/6/2015	

•McCallum Webster was not born in 1875 or 1893. Record dates are correct but refer to herbarium specimens listed in her Flora.

•Record by Graham (1944) – location is Ruthven Barracks. 6 fig grid ref differs by 100m from current location. Most likely a minor grid ref error (OS grid was only shown on maps post 1945). But could be a stand now lost.

•Record by Wilkinson (2011) is a reserve compartment centroid and clearly refers to current location.

18 records matched your query.

		taxon	recorder		locality	grid ref	date	
		<a href="#">Sambucus ebulus</a>	<a href="#">Gordon, George</a>	VC96	<a href="#">Ruthven Barracks</a>	<a href="#">NN7699</a>	1830	
		<a href="#">Sambucus ebulus</a>	<a href="#">Keith, James</a>	VC96	<a href="#">Kincardine Church</a>	<a href="#">NH9315</a>	1875	
		<a href="#">Sambucus ebulus</a>	<a href="#">Somerville, Alexander</a>	VC96	<a href="#">Kincardine Church</a>	<a href="#">NH9315</a>	1893	
		<a href="#">Sambucus ebulus</a>	<a href="#">Marshall, E.S.</a>	VC96	<a href="#">Ruthven Barracks</a>	<a href="#">NN7699</a>	1916	planted
		<a href="#">Sambucus ebulus</a>	<a href="#">McCallum Webster, M.</a>	VC96	<a href="#">Ruthven Barracks</a>	<a href="#">NN7699</a>	7/1930	
		<a href="#">Sambucus ebulus</a>	<a href="#">Graham, R.A.</a>	VC96	<a href="#">Ruthven Barracks</a>	<a href="#">NN7699</a>	7/1944	
		<a href="#">Sambucus ebulus</a>		VC96	<a href="#">VC96 East Inverness-shire</a>	<a href="#">NN79</a>	1950-1969	
		<a href="#">Sambucus ebulus</a>		VC96	<a href="#">VC96 East Inverness-shire</a>	<a href="#">NN79</a>	1950-1969	
		<a href="#">Sambucus ebulus</a> *		VC96	<a href="#">VC96 East Inverness-shire</a>	<a href="#">NH70</a>	1950-1969	
		<a href="#">Sambucus ebulus</a>	<a href="#">McCallum Webster, M.</a>	VC96	<a href="#">Coylum Bridge: N of</a>	<a href="#">NH9111</a>	7/1962	
		<a href="#">Sambucus ebulus</a>	{ <a href="#">Barron, M.</a> }	VC96	<a href="#">VC96 East Inverness-shire</a>	<a href="#">NH80</a>	1970-1986	
		<a href="#">Sambucus ebulus</a>	<a href="#">McCallum Webster, M.</a>	VC96	<a href="#">Feshie Bridge</a>	<a href="#">NH8304</a>	15/7/1973	
		<a href="#">Sambucus ebulus</a>	<a href="#">McCallum Webster, M.</a>	VC96	<a href="#">Newtonmore: River Calder</a>	<a href="#">NN7098</a>	17/7/1973	
		<a href="#">Sambucus ebulus</a>	{ <a href="#">Barron, M.</a> }	VC96	<a href="#">VC96 East Inverness-shire</a>	<a href="#">NN79</a>	1987-1999	
		<a href="#">Sambucus ebulus</a>	<a href="#">Barron, M. Langton, A.</a>	VC96	<a href="#">Tromie Br+Ruthven Barracks+Newtonmore, R Calder</a>	<a href="#">NN79</a>	30/6/1988	
		<a href="#">Sambucus ebulus</a>	<a href="#">Wilkinson, Steve</a>	VC96	<a href="#">Ruthven Barracks</a>	<a href="#">NN764996</a>	5/6/2011	
		<a href="#">Sambucus ebulus</a>	<a href="#">Amphlett, A.</a>	VC96	<a href="#">Ruthven Barracks</a>	<a href="#">NN764996</a>	24/8/2014	
		<a href="#">Sambucus ebulus</a>	<a href="#">Amphlett, A.</a>	VC96	<a href="#">Ruthven Barracks</a>	<a href="#">NN764996</a>	14/6/2015	

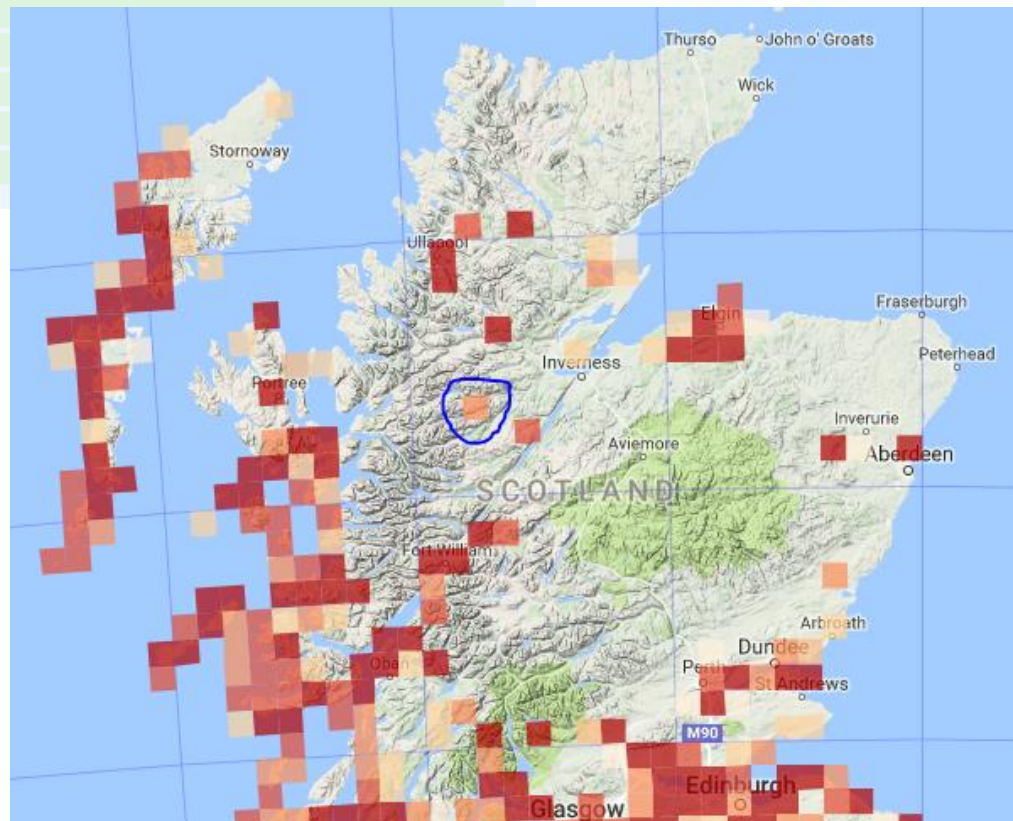
- 4 'new' historic records added (in blue).
- 2 incorrect McCallum Webster records rejected.
- Graham record assigned a site name and grid ref reduced to monad.
- Wilkinson record – site name edited and centroid grid ref replaced by accurate grid ref.


NB *S. ebulus* now shown to have been at Ruthven barracks since at least 1830. Some edits relied on local knowledge of sites. NH70 Atlas record not supported by detailed record. Looks suspicious, but retain for now.

## Record (field observation)

taxon	<a href="#">Centaurium erythraea</a> Rafn "Common Centaury"
date	6/8/1997
locality	<a href="#">Loch Mullardoch (S. of) Allt Fraoch - choir to Dam VC96 NH23SW</a> 
recorder	<a href="#">P. Batty</a> and <a href="#">D. Batty</a>
attributes	Mapmate:method: Field record / observation Mapmate:status: Not recorded
validity	doubtful: <a href="#">Centaurium erythraea</a> is crossed off on the back of the recording card, but with a ? mark and a tick at each end of the entry. On the front of the card in the then VCR's handwriting is written 'Query Centaurium erythraea'. Checked with original recorder and they can not recall making the record. Record considered unsubstantiated. (Ambiguous identification) 2016-12-05 by Andy Amphlett 
references	<a href="#">VC96 VC96 Record cards (held by VCR)</a>
source data set	<a href="#">MapMate centre 2dd (Andy Amphlett)</a>
status	unknown
external id	<a href="#">MapMate:record:nud2v2dd</a>
ddb row id	2cd4p9h.dhrhpf#2cd4p9h.dhrhpg
data source	<a href="#">MapMate</a> (via provider <a href="#">MapMate</a> )
last modified	Fri, 18 Nov 16 10:23:01 +0000

Example of a vc Scarce species, with doubtful entry on record card.



Record (field observation)	
taxon	<a href="#">Pyrola media</a> Sw. "Intermediate Wintergreen"
date	24/8/2008
locality	<b>Ryvoan</b> <a href="#">Tyvoan Pass, An Lochan Uaine VC96</a> altitude 360m <a href="#">NJ00051053</a>  Native pinewood (W18b). Dry bank near Lochan
recorder	<a href="#">J. Holland</a> , <a href="#">E. Stewart</a> and <a href="#">A. Amphlett</a>
attributes	Aspect: 90
	Slope: 50
	Density: fairly dense
	Extent area (m): 2
	Grazing: Low
	Shading: Medium
	Disturbance: None
	Veg height: <10
notes	Population range: 11-100
	Site history: <a href="#">NJ00561114</a> - 10 rosettes, no fls, E of track; <a href="#">NJ00611113</a> - 72 rosettes, no fls, N side of track; <a href="#">NJ01181103</a> - 15 rosettes. Above three popns <b>alos</b> found in same field visit, no further details recorded. There is a nearby record by Mary McCallum Webster <b>f</b>
comments	<b>vc96</b> <a href="#">Record entered in vc69 MapMate DB</a> . Record made during BSBI field trip at Glenmore for Scottish vc recorders.
source data set	<a href="#">Threatened Plants Project (TPP)</a>
status	unknown
Is duplicate	This may be a <a href="#">duplicate of another record</a> that has equivalent or greater detail.
external id	record:PM0809614_001
ddb row id	<b>2cd4p9h.84z8se#2cd4p9h.84z8sf</b>
data source	<a href="#">BSBI Threatened Plants Project</a> (via provider <a href="#">The Botanical Society of the British Isles</a> )
last modified	Wed, 08 Aug 12 01:25:01 +0100

Incorrect transcription of field notes into database. Now corrected, but errors would not have affected Atlas 2020.



## vc103

2 records matched your query.								
	record	taxon	recorder	vc	locality	grid ref	date	status
<input type="checkbox"/>		<a href="#">Dryas octopetala</a>	<a href="#">BSBI Field Meeting</a>	<b>VC103</b>	<a href="#">Lismore, SW end of</a>	<a href="#">NM799368</a>	21/6/1992	
<input type="checkbox"/>		<a href="#">Dryas octopetala</a>	<a href="#">Slack, A. Stirling, A McG. White, A.</a>	VC98	<a href="#">Druim na Curra, Lismore</a>	<a href="#">NM799368</a>	21/6/1992	



Duplicate records, one assigned to incorrect vc  
Incorrect record from Scarce Plant Project (VPDB)

## vc103

1 record matched your query.

?	record	taxon	recorder	vc	locality	grid ref	date	status
		<a href="#">Taraxacum polyodon</a>	<a href="#">Ferguson-Smyth, C.</a>	<b>VC103</b>	<a href="#">Tiree</a>	<a href="#">NM985419</a>	30/3/2011	

Grid ref (circled in red) 100km east of actual location ([NL985419](#))

- Incorrect record from Taraxacum database
- Same record as MM record below, with correct, more detailed grid ref



Record (field observation)

taxon	<a href="#">Taraxacum polyodon</a> Dahlst. "Common Dandelion" identified by <a href="#">A.J. Richards</a>
date	30/3/2011
locality	<a href="#">Tiree</a> <a href="#">VC103</a> <a href="#">NL9853441916</a>
recorder	<a href="#">C. Ferguson-Smyth</a>
attributes	Mapmate:status: Not recorded Mapmate:method: Field Record
references	<a href="#">Centre 5jn</a> 2012. <a href="#">Data Import by Centre 5jn on 28/04/2012 Lynne Farrell</a>
source data set	<a href="#">MapMate centre 5jn (Lynne Farrell)</a>

Record (field observation)

map

status

attributes

**version history**


admin

~~Sat, 20 Aug 16 12:13:58 +0100, 'BSBI public data set' workspace by user <admin user>  
record [Taraxacum polyodon](#) [Ferguson-Smyth, C.](#) [Tiree](#) [NM985419](#) 30/3/2011 [revert to this version](#)~~

Thu, 02 Mar 17 13:30:53 +0000, 'BSBI public data set' workspace by user Andy Amphlett  
[record](#) [Taraxacum polyodon](#) [Ferguson-Smyth, C.](#) [Tiree](#) [NL985419](#) 30/3/2011 origin id 9151314443188254127

Record has been edited; see version history


## vc103

Record (field observation)	
taxon	<a href="#">Juniperus communis subsp. nana</a> (Hook.) Syme "Dwarf Juniper"
date	19/6/2002
locality	<a href="#">Coll. Sloc na Faochag VC103 NM24035633</a> 
recorder	<a href="#">C.D. Preston</a> , <a href="#">D.A. Pearman</a> and <a href="#">A. Pearman</a>
attributes	abundance: 4 shrubs
validity	confirmed externally, assessed by external VPDB user
source data set	<a href="#">Additional records for Coll and Tiree (VPDB:dataset:465)</a>

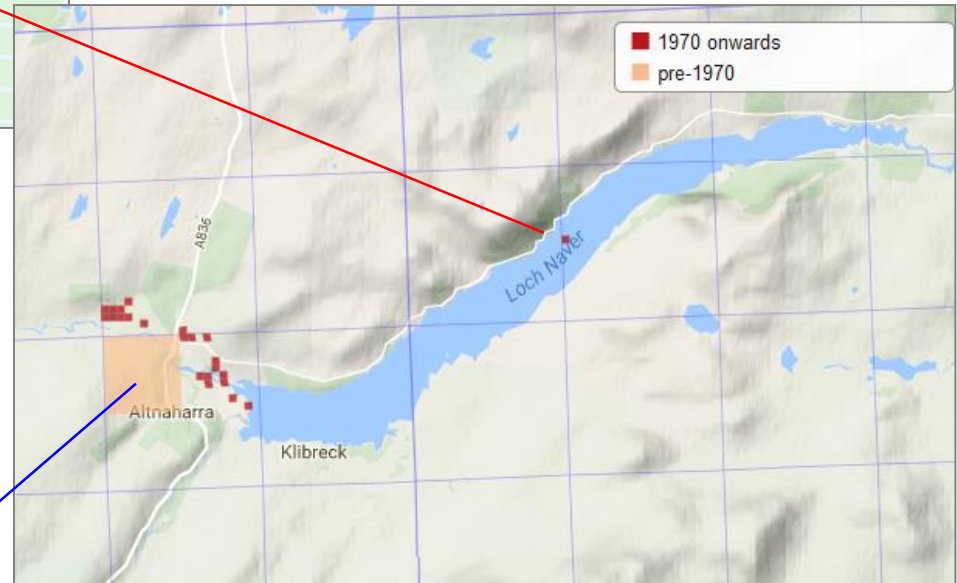
- Grid ref is in sea, and c.500m south of location on map,
- Grid ref perhaps NM240356**8**3, the 8 being misread as a 3
- So incorrect grid ref probably in correct monad



## Carex chordorrhiza – **vc108**

taxon	<a href="#">Carex chordorrhiza</a> L.f. "String Sedge"
date	31/8/1987
locality	<a href="#">Loch Naver VC108</a> altitude 70m <a href="#">NC620370</a>  Central grid ref of survey area allocated
recorder	(compiler) <a href="#">JNCC</a>
attributes	abundance: 0
notes	comment: SNH Loch Survey, Sutherland 1987/8
validity	confirmed externally, assessed by external <a href="#">VPDB user</a>
source data set	<a href="#">JNCC Standing Waters Database (VPDB:dataset:700)</a>

Fictitious hectad record  
(also included in Atlas 2000)



4 records from monad NC5635 (1897 – 1949) from *RDB Plants - historic records* dataset (from VPDB). No subsequent records from this monad, despite other more recent detailed surveys. Monad grid ref likely to be spurious; if so, reduce to tetrad.

## Grid reference x vc mismatches

**vc95**

### Grid-reference - vicecounty boundary matching

Records are hidden on public maps (and would be excluded from the Atlas) if a grid-reference is further than 2km from the specified county. Exceptions will be made for boundary errors and to allow marine species to occur off-shore.

	number of records
<a href="#">good</a>	214,518
<a href="#">≤ 1km</a>	10
<a href="#">1 - 2km</a>	0
<a href="#">2 - 10km</a>	0
<a href="#">10 - 50km</a>	0
<a href="#">≥ 50km</a>	0
<a href="#">≤ 2km offshore</a>	0
<a href="#">≥ 2km offshore</a>	0
<a href="#">not testable</a>	0



## Grid reference x vc mismatches

results table

download

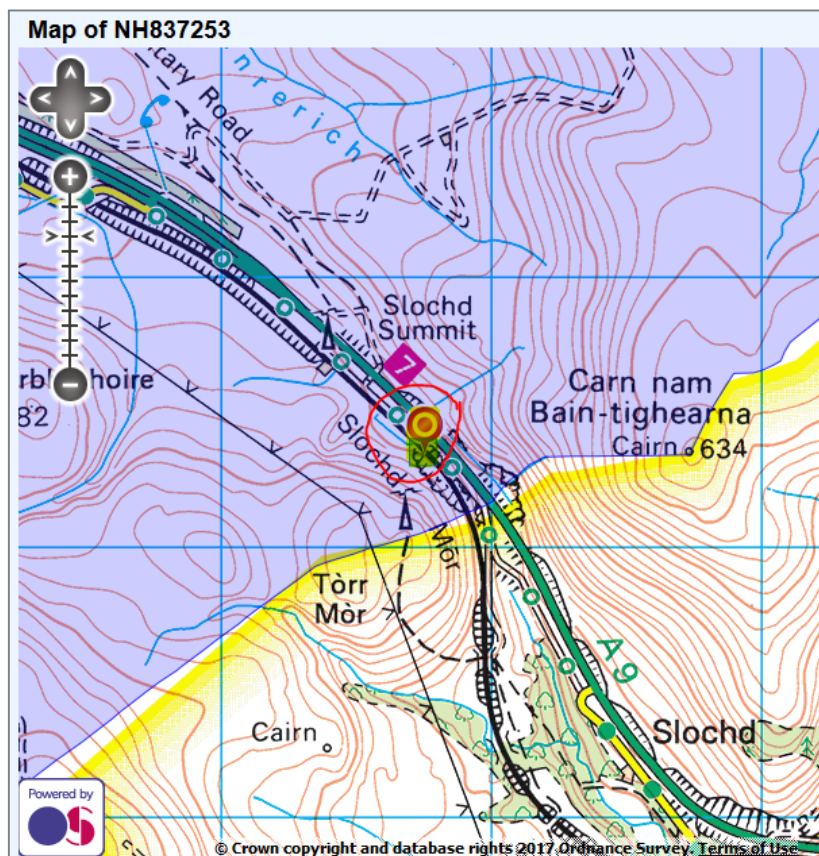
printable map

zoomable map

help

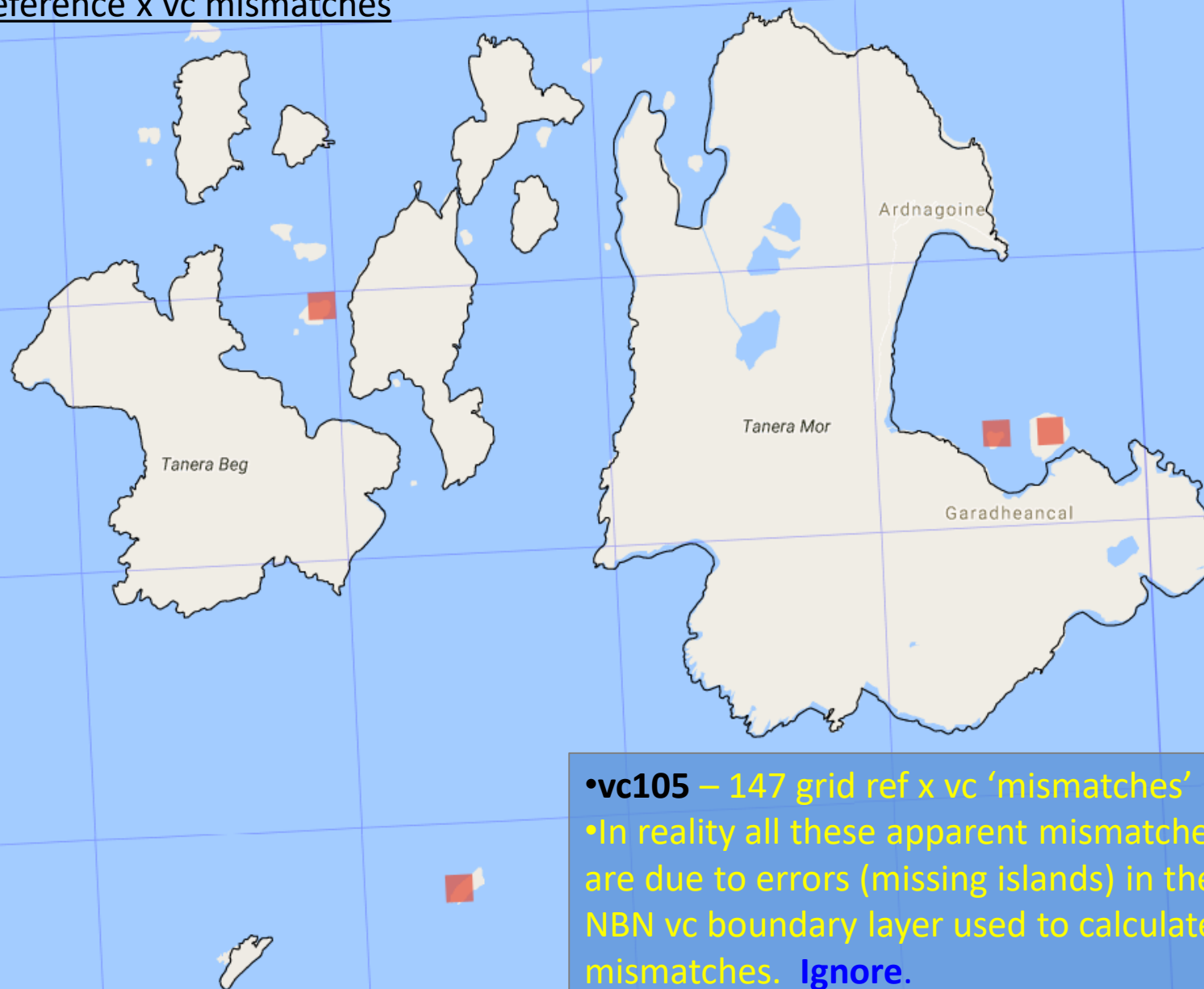
1 record matched your query.

	record	taxon	recorder	vc	locality	grid ref	date	status
		<a href="#">Hordeum jubatum</a>	<a href="#">Amphlett, A.</a>	VC95 *	<a href="#">A9: Slochd Mór</a>	<a href="#">NH837253</a>	21/8/2009	



- Grid ref x vc mismatches close to vc boundary are commonly created in MapMate
- This record, originally assigned to vc95 is actually from vc96
- Because the location is within 2km of the vc boundary it would still be mapped and included in Atlas 2020, even if the vc was incorrect
- But, it is one of only 2 post 2000 vc96 records, so assigning correct vc matters

## Grid reference x vc mismatches



- **vc105** – 147 grid ref x vc 'mismatches'
- In reality all these apparent mismatches are due to errors (missing islands) in the NBN vc boundary layer used to calculate mismatches. **Ignore.**