

ASSESSING ATLAS 2020 COVERAGE USING THE DDB

And plugging the gaps!



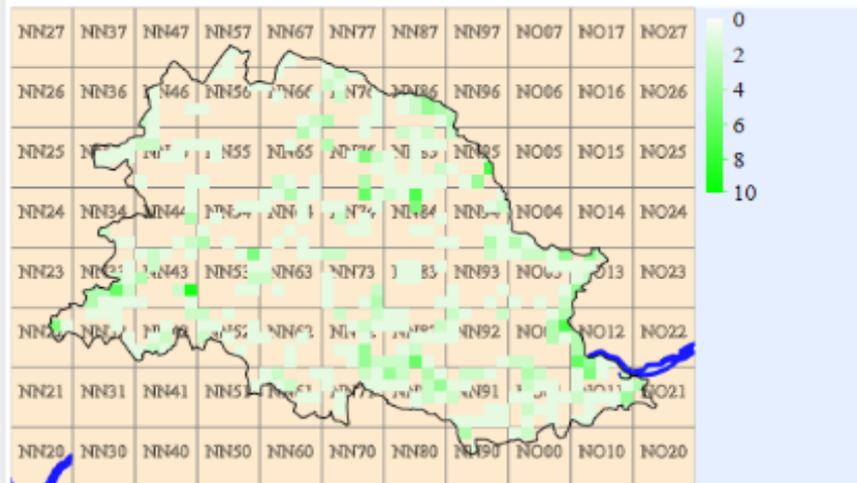
USING MY COUNTY MAPS IN THE DDB

County report for VC88 Mid Perthshire

[Summary](#) [Data validation](#) [Atlas 2020 survey coverage](#)

Number of intensive tetrad surveys

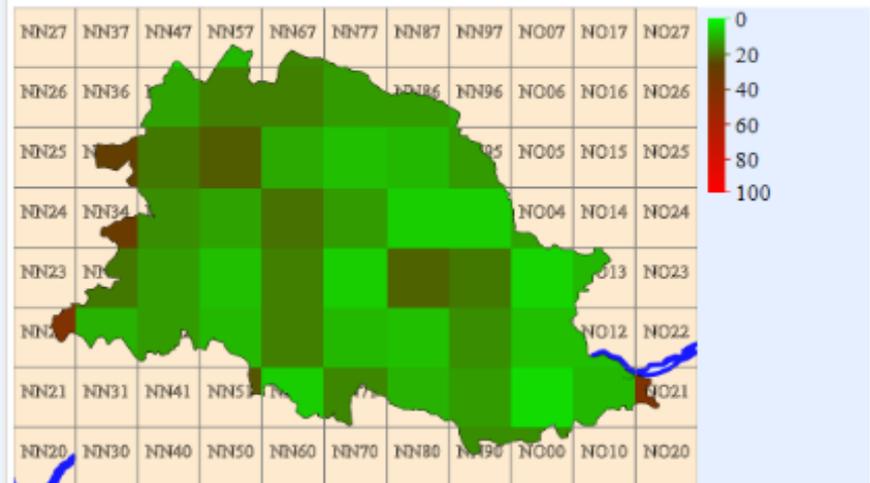
Number of surveys where > 40 taxa have been recorded in a tetrad square on a single day, since 2000.



[\(view data\)](#)

Taxa not refunded since 2000 (at hectad scale)

Comparing taxa found between 1987 and 2000, with the period since 2000. Map shows the % of taxa not refunded in the recent period - which may indicate loss of diversity; recent surveying deficits or earlier misrecording.



[\(view data\)](#)

Generally, the more intensive surveys per hectad the better and any full hectads with few tetrad surveys probably need a closer look.

ATLAS 2020 COVERAGE IN A HECTAD

Botanical Society of Britain & Ireland
Grid-square map, vice-county and summary taxon list tool

Distribution Database > Map of NN65

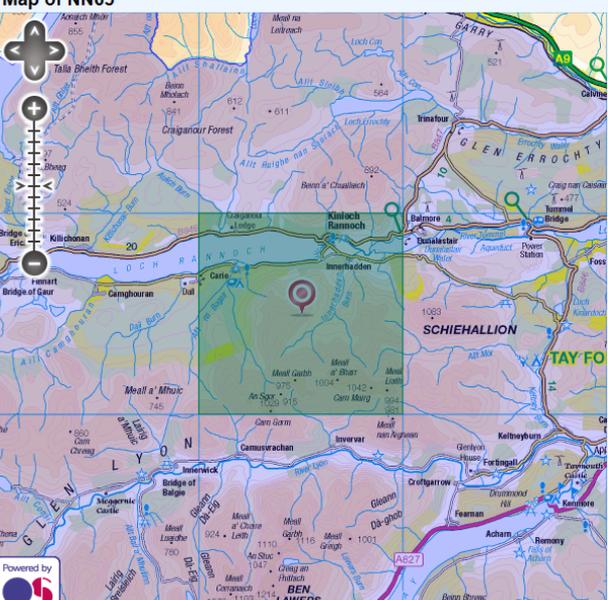
Tools New maps search search history

my_mapmate_records | my_county | user_manual | message_board | my_details | logout Jim(jimmintosh) | public_mode

grid reference look-up grid reference

NN65
Mid Perthshire (VC88)
Grid square elevation estimates (m): mean height 512, min: 197, max: 1027
[View detailed taxon list for hectad](#)

map (Google) map (OS) taxon list



Map of NN65

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A very simple check which anyone can do (even without a login): Just type the hectad or tetrad grid reference in the [Grid Reference Lookup](#) tool. Then click the *View Taxon list for hectad*...



ATLAS 2020 COVERAGE IN A HECTAD

Botanical Society of Britain & Ireland

Distribution Database > taxon list

Tools ▾ New ▾ maps search search history

grid reference NN65

exclude taxa with fewer than 0 records.

earliest year 1987

recent record boundary year 2000

include taxon list from the whole county

tick recent records separately

include infra-specific taxa

show taxon list

Taxon list for NN65.

<i>Agrostis canina</i> (1998) 7 0	<i>Athyrium filix-femina</i> (2010) 3 5	<i>Epilobium obscurum</i> (2009) 0 1	<i>Luzula campestris</i> (2009) 3 1	<i>Salix caprea</i> (2009) 1 1
<i>Athyrium distentifolium</i> (1991) 1 0	<i>Avenula pratensis</i> (2010) 3 5	<i>Epilobium palustre</i> (2009) 3 3	<i>Luzula multiflora</i> (2010) 5 10	<i>Salix × reichardtii</i> (2009) 0 1
<i>Atriplex patula</i> (1989) 1 0	<i>Avenula pubescens</i> (2010) 0 2	<i>Equisetum arvense</i> (2010) 3 4	<i>Luzula pilosa</i> (2010) 2 4	<i>Salix cinerea</i> (2010) 3 4
<i>Callitriche stagnalis</i> (1987) 1 0	<i>Barbarea intermedia</i> (2010) 0 1	<i>Equisetum × litorale</i> (2009) 0 1	<i>Luzula spicata</i> (2009) 4 4	<i>Salix herbacea</i> (2012) 2 4
<i>Carex canescens</i> (1987) 4 0	<i>Barbarea vulgaris</i> (2009) 1 1	<i>Equisetum fluviatile</i> (2010) 2 3	<i>Luzula sylvatica</i> (2010) 6 6	<i>Salix lapponum</i> (2009) 0 2
<i>Carex leporina</i> (1989) 2 0	<i>Bellis perennis</i> (2010) 7 5	<i>Equisetum hyemale</i> (2009) 2 1	<i>Lycopodium annotinum</i> (2012) 2 5	<i>Salix × tetrapla</i> (2009) 0 1
<i>Cochlearia pyrenaica</i> (1991) 1 0	<i>Betula nana</i> (2003) 0 1	<i>Equisetum palustre</i> (2010) 3 4	<i>Lycopodium clavatum</i> (2010) 2 3	<i>Salix myrsinites</i> (2003) 2 7
<i>Crataegus monogyna</i> (1989) 2 0	<i>Betula pendula</i> (2009) 11 2	<i>Equisetum pratense</i> (2009) 5 1	<i>Lysimachia nemorum</i> (2010) 2 6	<i>Salix repens</i> (2007) 2 1
<i>Cryptogramma crispa</i> (1991) 2 0	<i>Betula pubescens</i> (2010) 4 5	<i>Equisetum sylvaticum</i> (2009) 4 4	<i>Matricaria discoidea</i> (2010) 2 3	<i>Salix reticulata</i> (2007) 3 4
<i>Dactylorhiza fuchsii</i> (1989) 2 0	<i>Blechnum spicant</i> (2010) 5 9	<i>Equisetum variegatum</i> (2009) 3 4	<i>Meconopsis cambrica</i> (2010) 3 4	<i>Salix viminalis</i> (2009) 0 1
<i>Draba incana</i> (1991) 3 0	<i>Botrychium lunaria</i> (2010) 3 4	<i>Erica cinerea</i> (2010) 5 6	<i>Melampyrum pratense</i> (2007) 3 1	<i>Sambucus nigra</i> (2010) 0 1
<i>Dryas octopetala</i> (1991) 2 0	<i>Brachypodium sylvaticum</i> (2009) 2 2	<i>Erica tetralix</i> (2010) 5 6	<i>Melampyrum sylvaticum</i> (2005) 0 1	<i>Saussurea alpina</i> (2007) 2 2
<i>Dryopteris expansa</i> (1991) 2 0	<i>Briza media</i> (2010) 2 9	<i>Erigeron borealis</i> (2003) 5 2	<i>Melica nutans</i> (2010) 2 1	<i>Saxifraga aizoides</i> (2010) 6 28
<i>Epilobium ciliatum</i> (1987) 1 0	<i>Bromus hordeaceus</i> (2010) 0 2	<i>Eriophorum angustifolium</i> (2010) 6 10	<i>Menyanthes trifoliata</i> (2009) 2 3	<i>Saxifraga hypnoides</i> (2010) 3 5
<i>Epilobium × vicinum</i> (1994) 2 0	<i>Buddleja davidii</i> (2009) 0 2	<i>Eriophorum latifolium</i> (2010) 0 5	<i>Mercurialis perennis</i> (2010) 4 6	<i>Saxifraga nivalis</i> (2009) 5 8
<i>Ficaria verna</i> (1998) 2 0	<i>Calluna vulgaris</i> (2010) 7 10	<i>Eriophorum vaginatum</i> (2010) 3 7	<i>Molinia caerulea</i> (2010) 9 4	<i>Saxifraga oppositifolia</i> (2012) 3 24
<i>Fumaria capreolata</i> (1994) 2 0	<i>Caltha palustris</i> (2009) 6 5	<i>Erophila verna</i> (2010) 0 2	<i>Montia fontana</i> (2009) 1 4	<i>Saxifraga stellaris</i> (2009) 5 5
<i>Galium odoratum</i> (1998) 2 0	<i>Calystegia sepium</i> (2009) 0 2	<i>Euphorbia peplus</i> (2009) 0 1	<i>Mycelis muralis</i> (2009) 0 1	<i>Scorzoneroidea autumnalis</i> (2010) 6 7
<i>Gentianella campestris</i> (1987) 1 0	<i>Campanula rotundifolia</i> (2012) 8 13	<i>Euphrasia arctica</i> (2009) 2 1	<i>Myosotis arvensis</i> (2010) 1 3	<i>Scrophularia nodosa</i> (2010) 2 3
<i>Geranium pratense</i> (1987) 1 0	<i>Capsella bursa-pastoris</i> (2010) 2 3	<i>Euphrasia micrantha</i> (2009) 2 1	<i>Myosotis discolor</i> (2010) 0 3	<i>Scutellaria galericulata</i> (2000) 1 1
<i>Gymnadenia conopsea</i> (1991) 2 0	<i>Cardamine flexuosa</i> (2010) 3 3	<i>Euphrasia officinalis</i> (2003) 2 10	<i>Myrica gale</i> (2010) 4 6	<i>Sedum acre</i> (2009) 0 1
<i>Kalmia procumbens</i> (1991) 2 0	<i>Cardamine hirsuta</i> (2009) 2 1	<i>Fagus sylvatica</i> (2010) 2 3	<i>Nardus stricta</i> (2012) 6 16	<i>Sedum rosea</i> (2007) 3 3
<i>Hyacinthoides non-scripta</i> (1998) 4 0	<i>Cardamine pratensis</i> (2010) 4 6	<i>Festuca ovina</i> (2010) 6 4	<i>Narthecium ossifragum</i> (2010) 4 9	<i>Selaginella selaginoides</i> (2012) 6 14
<i>Hypericum maculatum</i> (1989) 3 0	<i>Carex atrata</i> (2007) 4 5	<i>Festuca rubra</i> (2012) 5 8	<i>Oreopteris limbosperma</i> (2010) 6 7	<i>Senecio aquaticus</i> (2009) 1 1
<i>Juncus alpinoarticulatus</i> (1993) 4 0	<i>Carex atrofusca</i> (2009) 7 3	<i>Festuca vivipara</i> (2010) 2 12	<i>Oxalis acetosella</i> (2010) 10 8	<i>Senecio jacobaea</i> (2010) 3 6
<i>Kalmia procumbens</i> (1991) 2 0	<i>Carex bigelowii</i> (2009) 3 4	<i>Filago minima</i> (2010) 0 3	<i>Oxyria digyna</i> (2009) 2 8	<i>Senecio sylvaticus</i> (2009) 0 1
<i>Linaria vulgaris</i> (1996) 4 0	<i>Carex binervis</i> (2010) 5 7	<i>Filipendula ulmaria</i> (2010) 7 6	<i>Parnassia palustris</i> (2010) 2 4	<i>Senecio vulgaris</i> (2010) 0 4
<i>Littorella uniflora</i> (1989) 2 0	<i>Carex capillaris</i> (2012) 9 16	<i>Fragaria vesca</i> (2010) 2 2	<i>Pedicularis sylvatica</i> (2009) 2 2	<i>Sibbaldia procumbens</i> (2012) 5 12
<i>Mentha aquatica</i> (1995) 2 0	<i>Carex caryophyllaea</i> (2010) 2 5	<i>Fraxinus excelsior</i> (2010) 8 7	<i>Persicaria maculosa</i> (2009) 0 1	<i>Silene acaulis</i> (2012) 2 12
<i>Mentha arvensis</i> (1989) 2 0	<i>Carex demissa</i> (2010) 4 13	<i>Galeopsis tetrahit</i> (2009) 0 1	<i>Persicaria vivipara</i> (2012) 5 9	<i>Silene dioica</i> (2010) 2 3
<i>Myosotis laxa</i> (1987) 1 0	<i>Carex dioica</i> (2010) 5 8	<i>Galium aparine</i> (2010) 2 5	<i>Phalaris arundinacea</i> (2009) 2 3	<i>Silene latifolia</i> (2009) 2 1
<i>Myosotis scorpioides</i> (1987) 1 0	<i>Carex echinata</i> (2010) 6 9	<i>Galium boreale</i> (2010) 3 6	<i>Phegopteris connectilis</i> (2010) 7 6	<i>Silene viscaria</i> (2010) 9 6
<i>Nasturtium × sterile</i> (1987) 3 0	<i>Carex flacca</i> (2010) 3 6	<i>Galium palustre</i> (2010) 3 5	<i>Phragmites australis</i> (2002) 0 2	<i>Solidago virgaurea</i> (2010) 3 6
<i>Neottia cordata</i> (1993) 2 0	<i>Carex hirta</i> (2010) 0 1	<i>Galium saxatile</i> (2010) 7 9	<i>Picea abies</i> (2009) 0 1	<i>Sonchus asper</i> (2010) 0 4
<i>Pedicularis palustris</i> (1995) 1 0	<i>Carex hostiana</i> (2010) 4 6	<i>Galium sternerii</i> (2012) 2 2	<i>Picea sitchensis</i> (2010) 1 2	<i>Sonchus oleraceus</i> (2009) 0 1

Tick *sort recent records separately* and click *show taxon list*. Et voilà! All the taxa that haven't been re-recorded since 2000 are in faint at the top of the list. And all the taxa that have been recorded post 1999 are in bold further down.



PRE/POST 2000 SPECIES BY SPECIES ANALYSIS

Botanical Society of Britain & Ireland

Distribution Database > search

[Tools](#) | [New](#) | [maps](#) | [search](#) | [search history](#)

[my mapmate records](#) | [my county](#) | [user manual](#) | [message board](#) | [my details](#) | [logout Jim\(jimmcintosh\)](#) | [public mode](#)

Search form | Search templates

search for Records (specimens or observations) ▾

taxon

grid reference

county/region

date recorded from from for vague record date ranges use start date ▾

recorder

checklist/attributes

bounded area

place name

group by

distinct

subdivide by

Current search-form filter
records where grouped by species (excluding higher ranks) and counting distinct hectads and recorded since 1987 and subdivided by dates (1987 - 1999, 2000 -) and vice-county: VC88

[reset search form](#)

[help...](#)

Enter your VC, return; date recorded 1987, from, More Options Group by...species excluding higher ranks, More Options... Distinct hectads, More Options... subdivide by dateclass custom, Dates 1987, 2000. Then click display results. Or click here and just amend the VC and click display results.



PRE/POST 2000 SPECIES BY SPECIES ANALYSIS

results table download help

1499 groups matched your query.

<< first < prev 1 2 3 4 5 6 7 8 9 10 next > last >>

species (exclusive)	qualifier	1987 - 1999	2000 -	Number of hectads
Abies alba		5	17	18
Abies grandis		4	13	14
Abies procera		2	16	18
Acaena anserinifolia		1	2	2
Acaena inermis		0	1	1
Acaena ovalifolia		0	1	1
Acer campestre		5	3	7
Acer japonicum		0	1	1
Acer macrophyllum		0	1	1
Acer palmatum		0	2	2
Acer platanoides		12	22	23
Acer pseudoplatanus		38	41	41
Achillea distans		1	0	1
Achillea millefolium		51	53	53
Achillea ptarmica		46	51	52
Aconitum lycoctonum		0	1	1
Aconitum napellus		9	9	14
Aconitum napellus	s.l.	0	4	4
Aconitum napellus x variegatum = A. x stoerkianum		1	4	4
Acorus calamus		1	0	1
Adoxa moschatellina		19	20	25
Aegopodium podagraria		31	39	40
Aesculus carnea		0	1	1
Aesculus hippocastanum		16	26	29



PRE/POST 2000 SPECIES BY SPECIES ANALYSIS

results table download help

1499 groups matched your query.

<< first < prev 1 2 3 4 5 6 7 8 9 10 next > last >>

species (exclusive)	qualifier	1987 - 1999	2000 - ▲	Number of hectads
Achillea distans		1	0	1
Acorus calamus		1	0	1
Alchemilla glomerulans		1	0	1
Amsinckia lycopsoides		1	0	1
Armoracia rusticana		1	0	1
Atriplex littoralis		1	0	1
Aubrieta deltoidea		1	0	1
Berula erecta		1	0	1
Brachypodium pinnatum	s.l.	3	0	3
Bromus hordeaceus x lepidus = B. x pseudothominei		1	0	1
Campanula medium		1	0	1
Campanula patula		1	0	1
Campanula rapunculoides		1	0	1
Campanula trachelium		1	0	1
Cardamine impatiens		1	0	1
Carex bigelowii x nigra = C. x decolorans		1	0	1
Carex flava	agg.	1	0	1
Carex rariflora		1	0	1
Cerastium nigrescens		3	0	3
Chamaecyparis pisifera		1	0	1
Chenopodium album	agg.	3	0	3
Clematis vitalba		1	0	1
Conium maculatum		1	0	1
Corydalis solida		1	0	1

Interesting to sort by clicking the 2000 column to show species that have been recorded pre 2000 but not post 1999.



PRE/POST 2000 SPECIES BY SPECIES ANALYSIS

results table | download | help

1499 groups matched your query.

<< first < prev 1 2 3 4 5 6 7 8 9 10 next > last >>

species (exclusive)	qualifier	1987 - 1999 ▲	2000 -	Number of hectads
Acaena inermis		0	1	1
Acaena ovalifolia		0	1	1
Acer japonicum		0	1	1
Acer macrophyllum		0	1	1
Acer palmatum		0	2	2
Aconitum lycoctonum		0	1	1
Aconitum napellus	s.l.	0	4	4
Aesculus carnea		0	1	1
Aethusa cynapium		0	1	1
Agrostis gigantea		0	2	2
Alchemilla conjuncta		0	2	2
Alnus cordata		0	3	3
Anemone apennina		0	1	1
Anemone hupehensis x vitifolia = A. x hybrida		0	1	1
Anthemis tinctoria		0	1	1
Antirrhinum majus		0	1	1
Araucaria araucana		0	2	2
Arctium nemorosum		0	3	3
Arctostaphylos alpinus		0	1	1
Arenaria leptoclados		0	2	2
Arum italicum		0	1	1
Asperula taurina		0	1	1
Aster lanceolatus x novi-belgii = A. x salignus		0	1	1
Aster tripolium		0	1	1

Or by the 1987-1999 column to show species that have been recorded post 1999 but not pre 2000.

