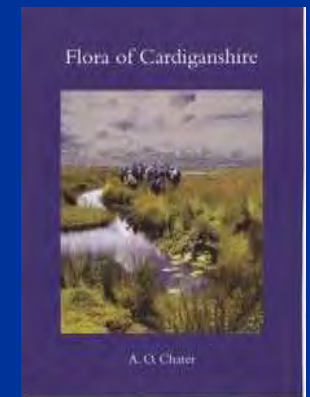
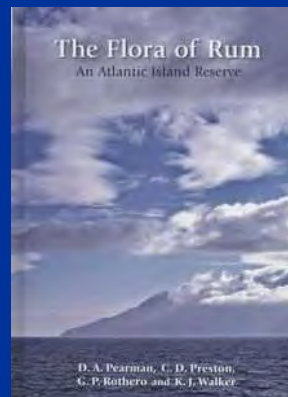


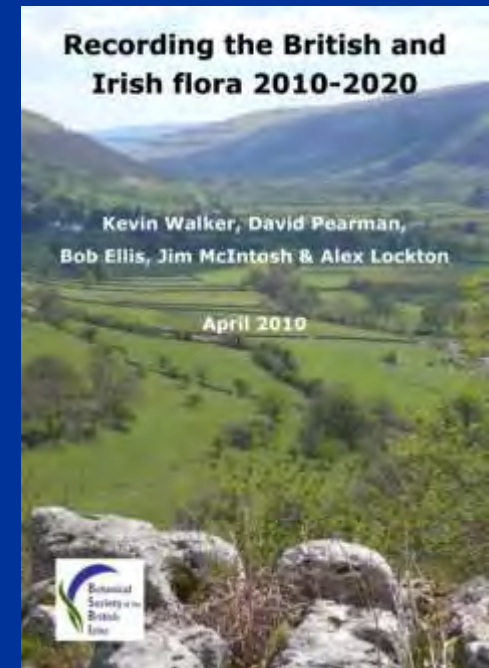
Rare Plant Registers & Atlas 2020

Chris Metherell, Atlas 2020 Co-ordinator



The Target

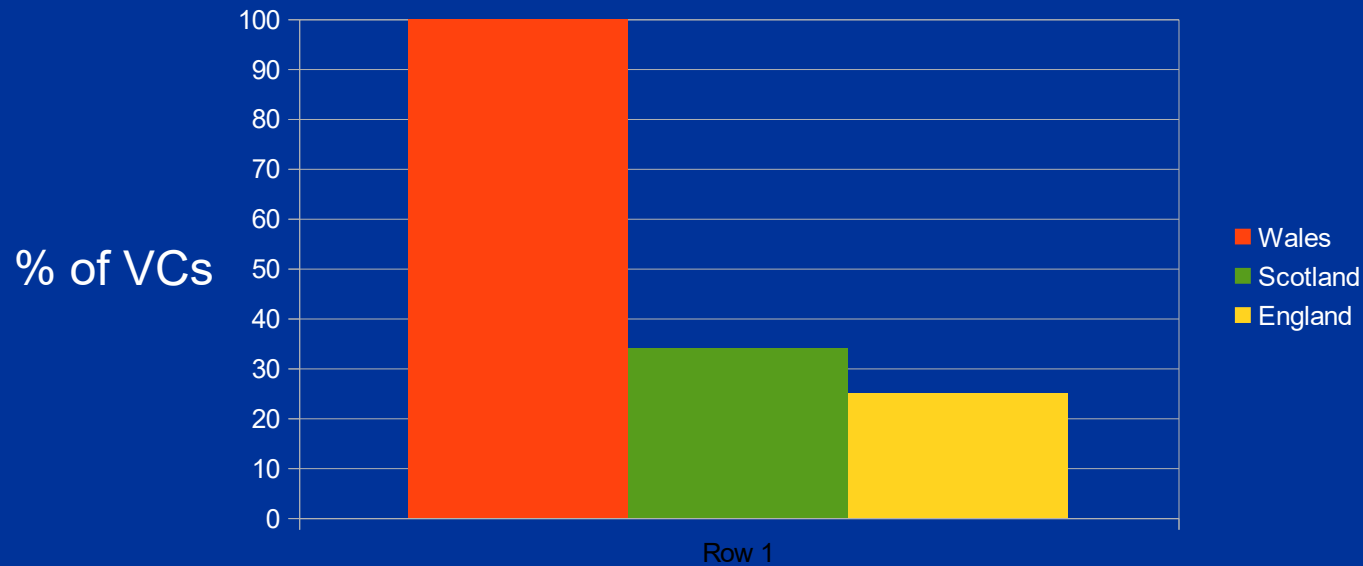
All Vice Counties to have produced at least a draft RPR by 2019.



From the BSBI Recording Strategy, *Recording the British & Irish Flora 2010-2019*, Walker et al. (2010),

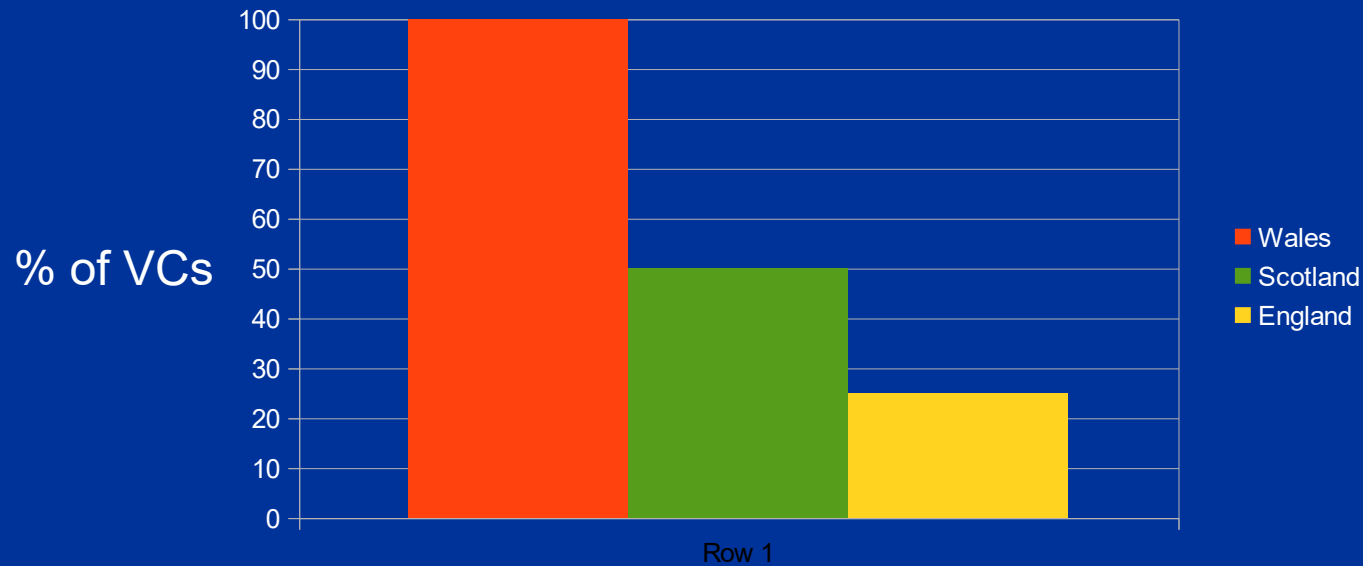
Progress 2015

Published RPRs



Progress 2015

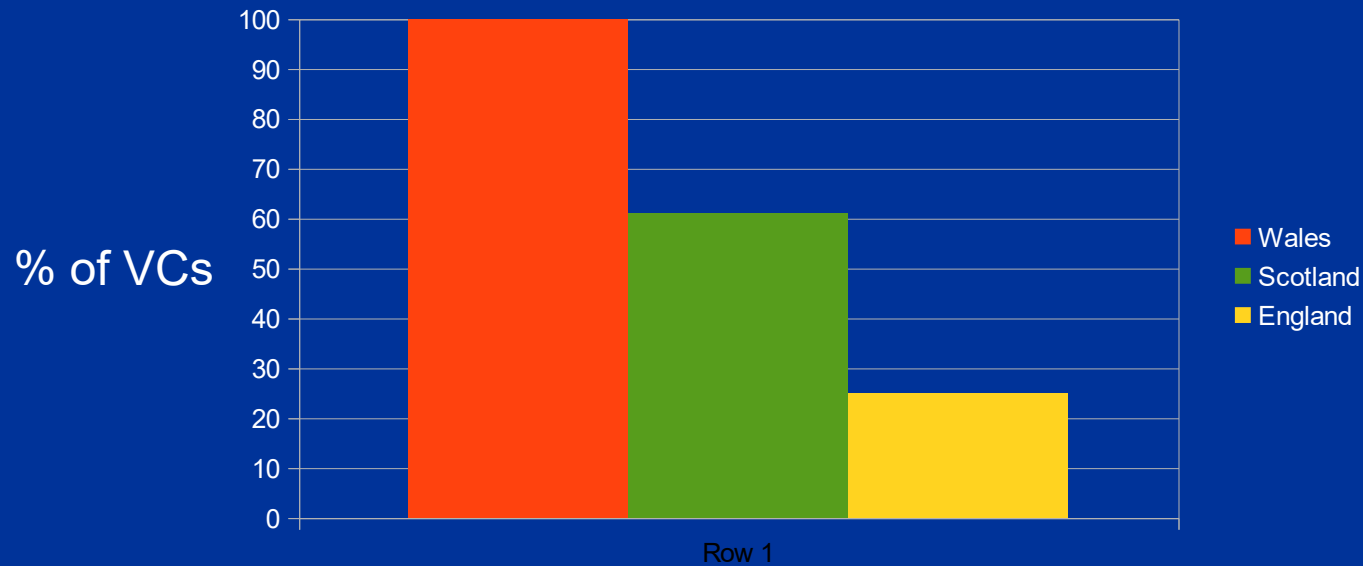
Published + Draft RPRs in Scotland



Just shows published RPRs in England

Progress 2015

Published + Draft + Early draft RPRs in Scotland



Just shows published RPRs in England

Why Now?

- Provides essential data for Atlas 2020.
- Fieldwork for Atlas 2020 and RPRs can be done simultaneously



Why Now?

- Draft RPR assists in targeting rare and scarce species in your VC for monitoring.
- Provides a baseline for post 2020 atlas work.



Why Now? Resources

- Atlas 2020 resources not available after 2019? (e.g. Funds are available for ferries or travel to access remote places for Atlas 2020 Recording – apply to Paul Smith.)
- Standardised templates available.
- Computer assistance available.



Criteria

- **National:**

Schedule 8

Red Data listing

Rare (<16 10Km)

Scarce (<101 10Km)

Scottish Biodiversity List?



Criteria

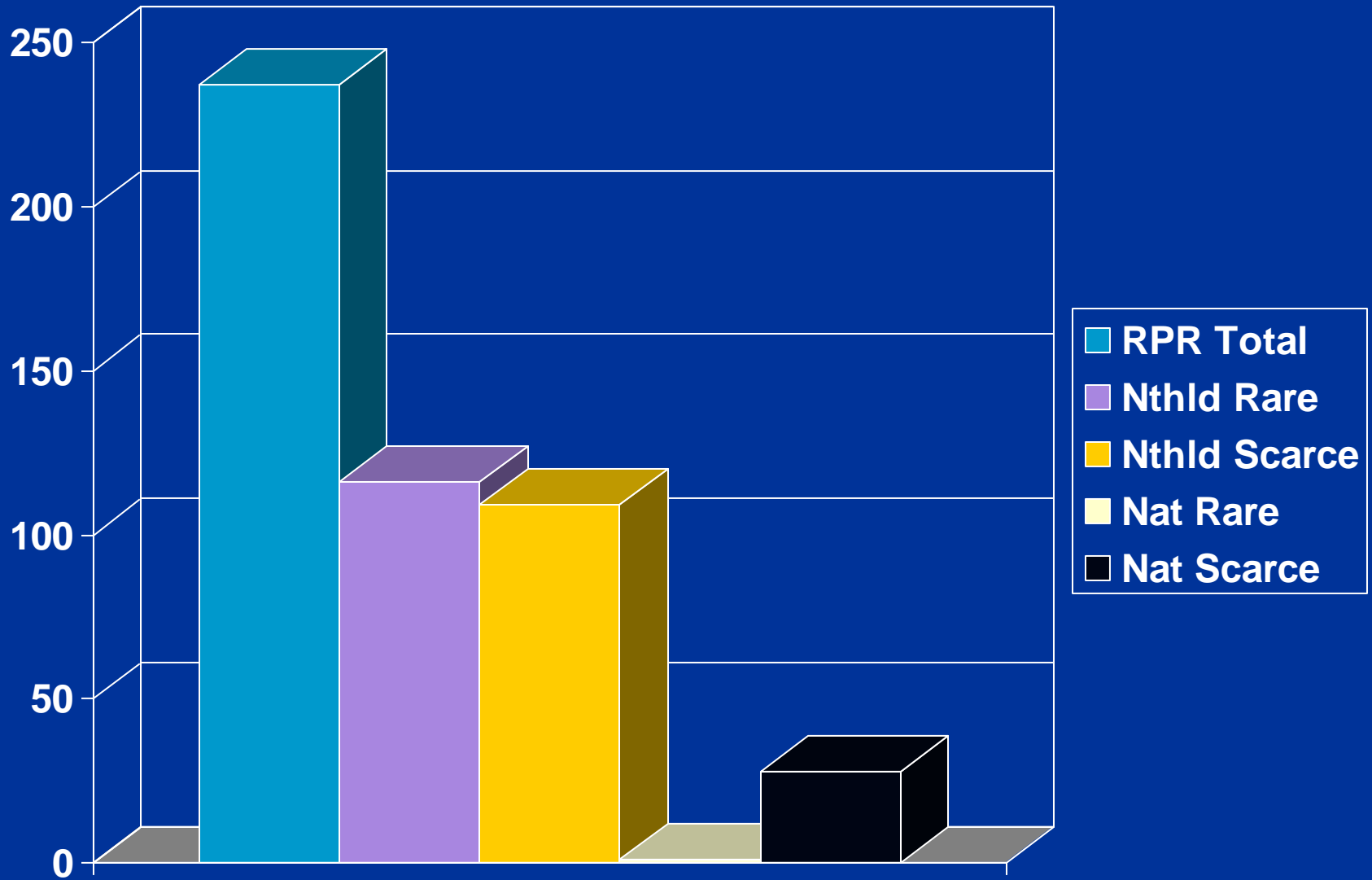
- Local (VC based):

Rare (<4 sites)

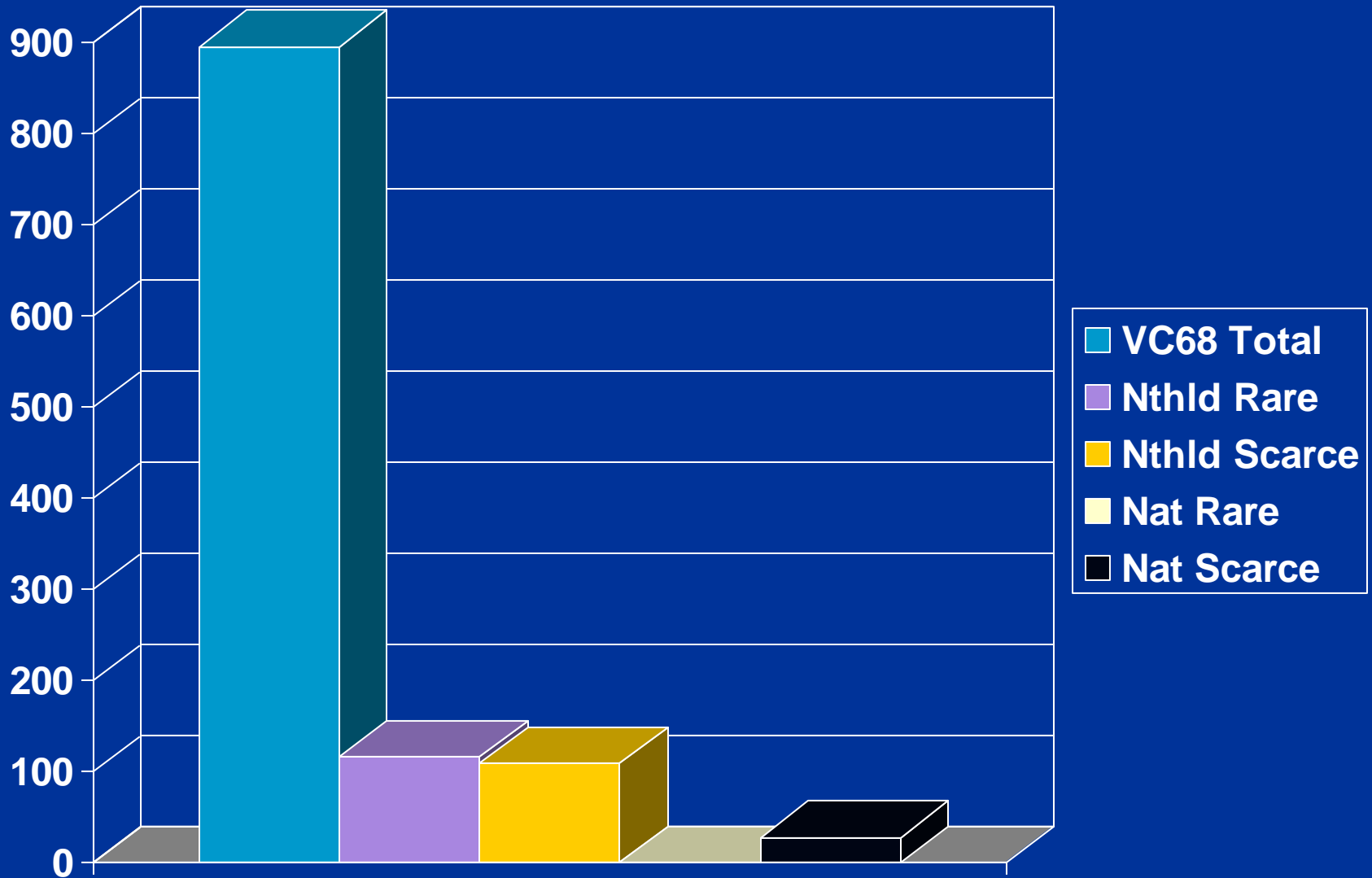
Scarce (<11 sites)

Extinct

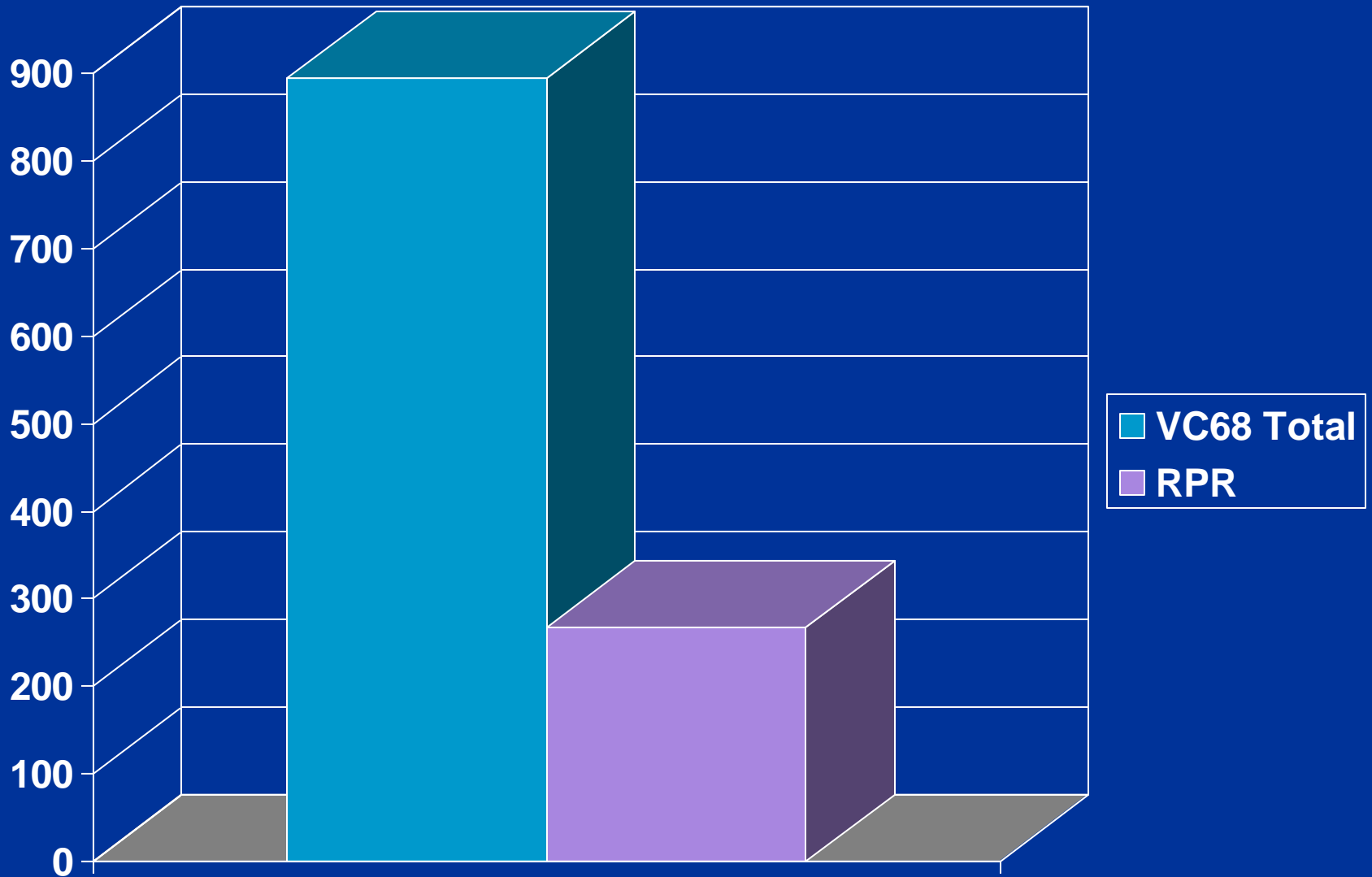




Number of taxa in a typical RPR



Number of taxa in a typical RPR, cf VC



Number of taxa in a typical RPR & VC

What's On Offer

- Standard Format;
- Customisable;
- Standard Process;
- Computer Assistance;
- Advice.

Standard Format

- Front matter/Introduction.
- Inclusion Criteria.
- Exclusions.
- References.
- Species Accounts.
- Excluded Species.

Recommended format of RPR text

Alchemilla wichurae (Buser.) Stefansson.

Smooth Lady's Mantle

National Status: Scarce, Endangered.

North Northumberland Status: Rare.

Native perennial growing in a variety of grassy and rocky habitats. Nationally its population appears to be stable but it may be recently under-recorded. First discovered in North Northumberland in 2009.

Location	Grid Ref	Date	Recorder
Hen Hole	NT888203	26/8/2009	Horsley, A.

Allium oleraceum L.

Field Garlic

National Status: Not Scarce, Vulnerable.

North Northumberland Status: Scarce.

Bulbous perennial herb. Native in the Vice County where it is mainly restricted to whin (dolerite) outcrops although also found on coastal dunes.

Location	Grid Ref	Date	Recorder
Pauperhaugh	NZ1099	5/7/1957	Swan, G.A.
Spindlestone	NU1533	30/8/1969	Swan, G.A.
Holy Island	NU124426	19/9/1970	Swan, G.A.
Brada Quarry	NU161341	24/6/1976	Wilson, C.M.
Shada Plantation	NU1634	9/6/1983	Swan, G.A.
Craster	NU21P	15/8/1983	Swan, G.A.
Holy Island	NU128425	4/6/1992	Taylor, J.
Holy Island	NU128417	27/5/1992	Aitchison, J.W., Crowther, K.A.
Holy Island	NU115434	2000	Howard, V.
Bamburgh	NU13SE	16/5/2006	Wilkinson, M. & Steele J.
Warkworth Dunes	NU259060§	29/7/2006	Metherell, C.
Warkworth Dunes	NU259059§	13/8/2008	Walker, K.
Warkworth Dunes	NU259598§	13/8/2008	Swindells, J.

Allium schoenoprasum L.

Chives

National Status: Scarce, Least Concern.

North Northumberland Status: Rare.

A bulbous perennial herb, normally confined to calcareous and other basic sites. Nationally, as a native, it has a very disjunct distribution with sites in the North-East, Mid-Wales and the South-West peninsular. In VC68 it is confined to whin (dolerite) outcrops. Due to pressure at the single remaining site in the Vice County detailed location information has been withheld.

Location	Grid Ref	Date	Recorder
North Northumberland	NU13§	24/7/2008	Lowe, S.

Customisable

One size does not fit all!

- Critical Groups/hybrids – optional. But their omission in first draft does make it easier to achieve!
- Exclusions.
- Maps – A good way to display data where there are perhaps too many populations to list.
- “Flora” content
- Photographs.

Maps, photographs & additional flora content all help make the RPR an easier and more interesting read.

Standard Process

- Pre-designed workflow.
- Pre-designed computer support.
- Sharing issues/advice.
- Automated processes.
- Production.

End Result

Achieved in 18-20 (full time) working days

Benefits



Provides focus for recording
Assists recording plans
Helps with succession



RPR Taxon lists: *Andy Amphlett*

Even if you don't have an RPR – its really useful to compile a list of (potentially) qualifying taxon.

It can be used to modify the species on VC customised recording cards which will remind you (and visiting botanists) which species should be recorded in full detail.

It can be used in DDb queries. (Send list to Tom Humphrey to add to DDb).

RPR Taxon lists: Andy Amphlett

Taxon lists for a VC are easy to generate using the DDb – particular those taxa which are nationally important:

- Schedule 8
- Red Data List
- Nationally Rare & Scarce
- UKBAP
- Scottish Biodiversity List

Full details and a spreadsheet of how to assess local rarity are available on the [DDB Message Board](#) under ‘Help and support’.