

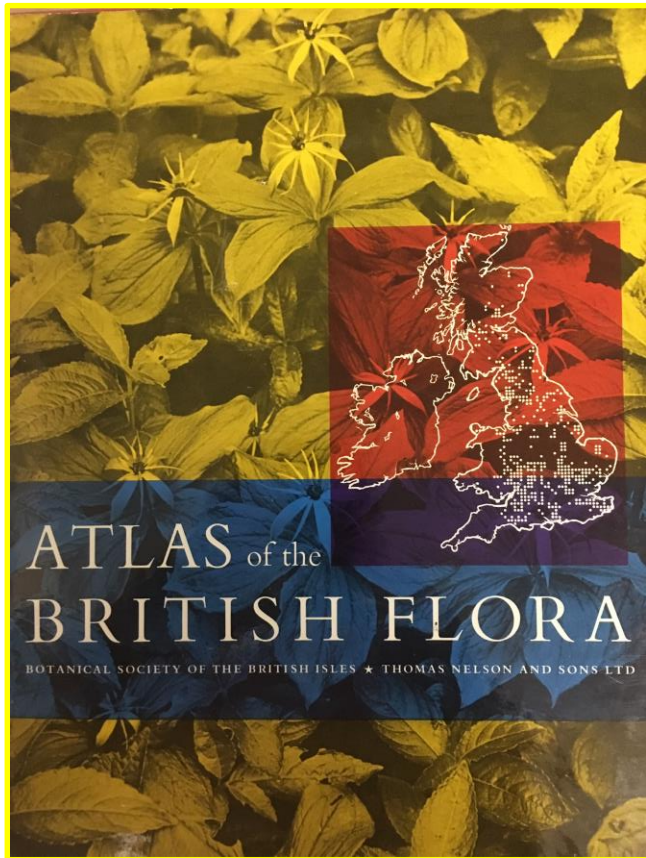


Atlas 2020 - the final countdown

Kevin Walker

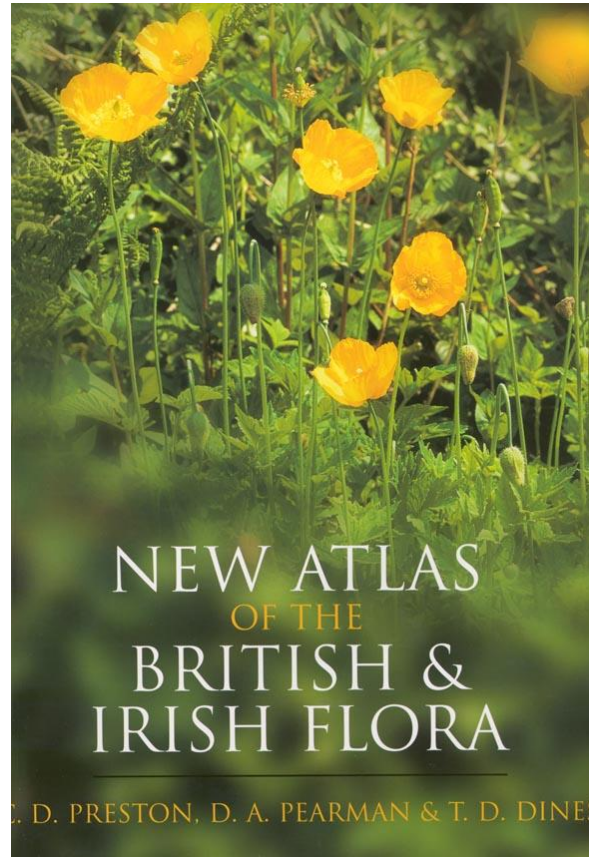


1962



1600 taxa

2002



3300 taxa

2022



>4000 taxa

Why another atlas

Progress

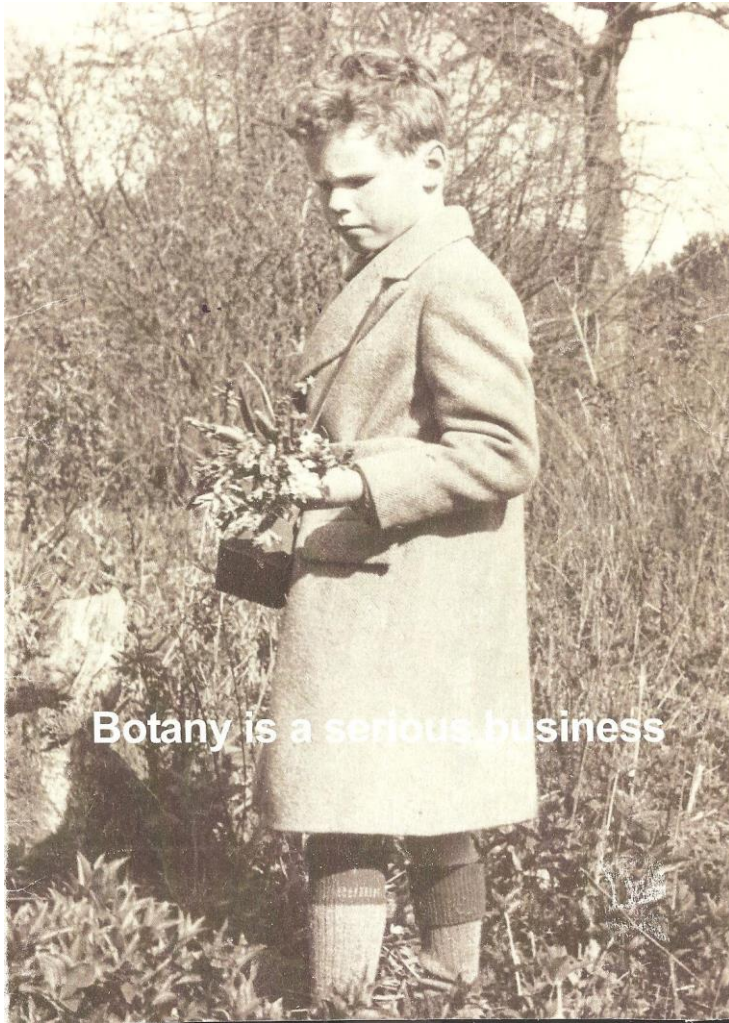
What will it look like

Life after atlas



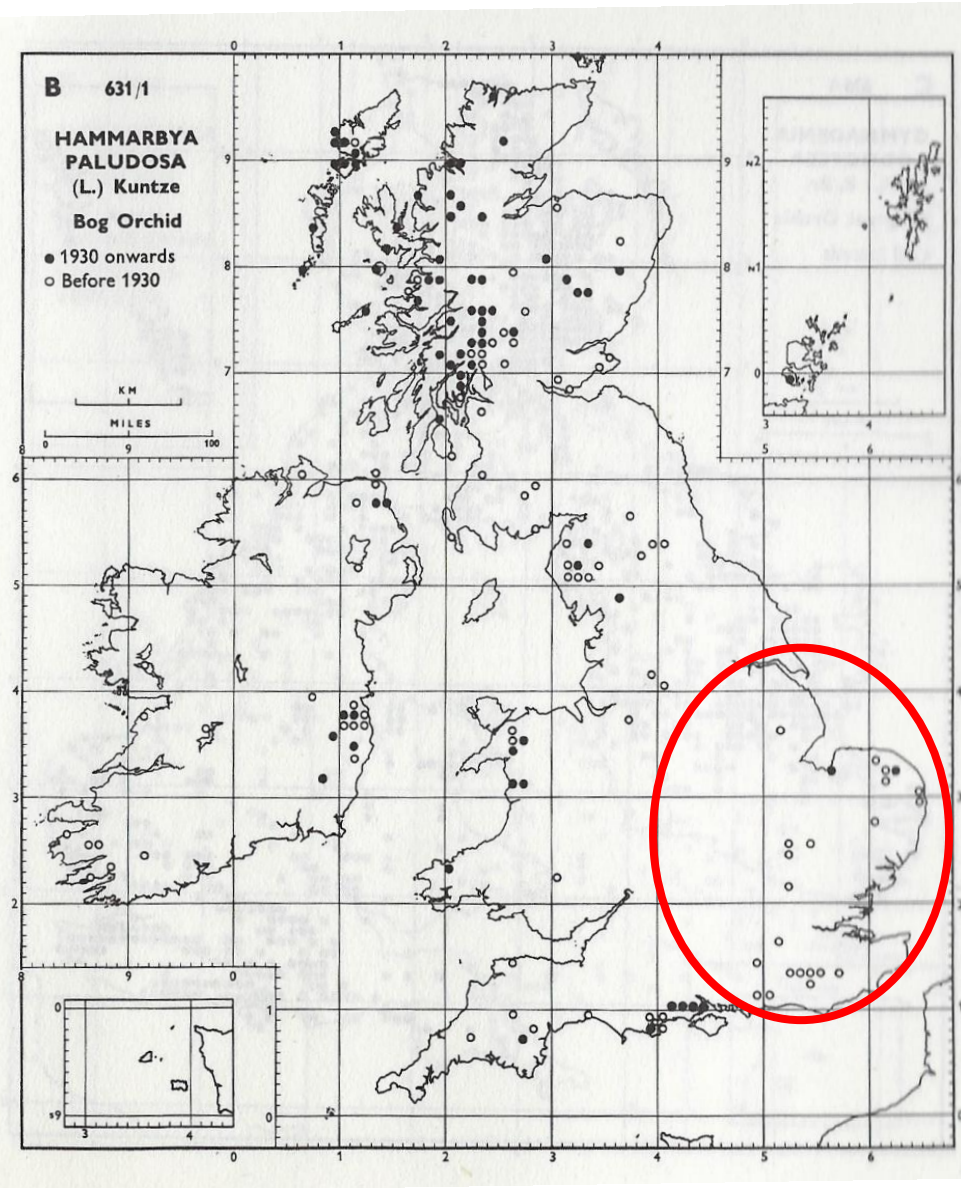
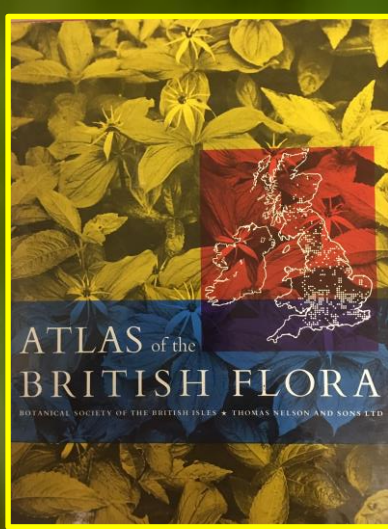
Why another atlas #1?

we need to know where things are



Victor Summerhayes (1951) *Wild Orchids of Britain*

1962 Atlas



Why another atlas #2?

we want to know how (and why) things are changing



Floating Pennywort, River Great Ouse, Huntingdonshire, 2018



North American

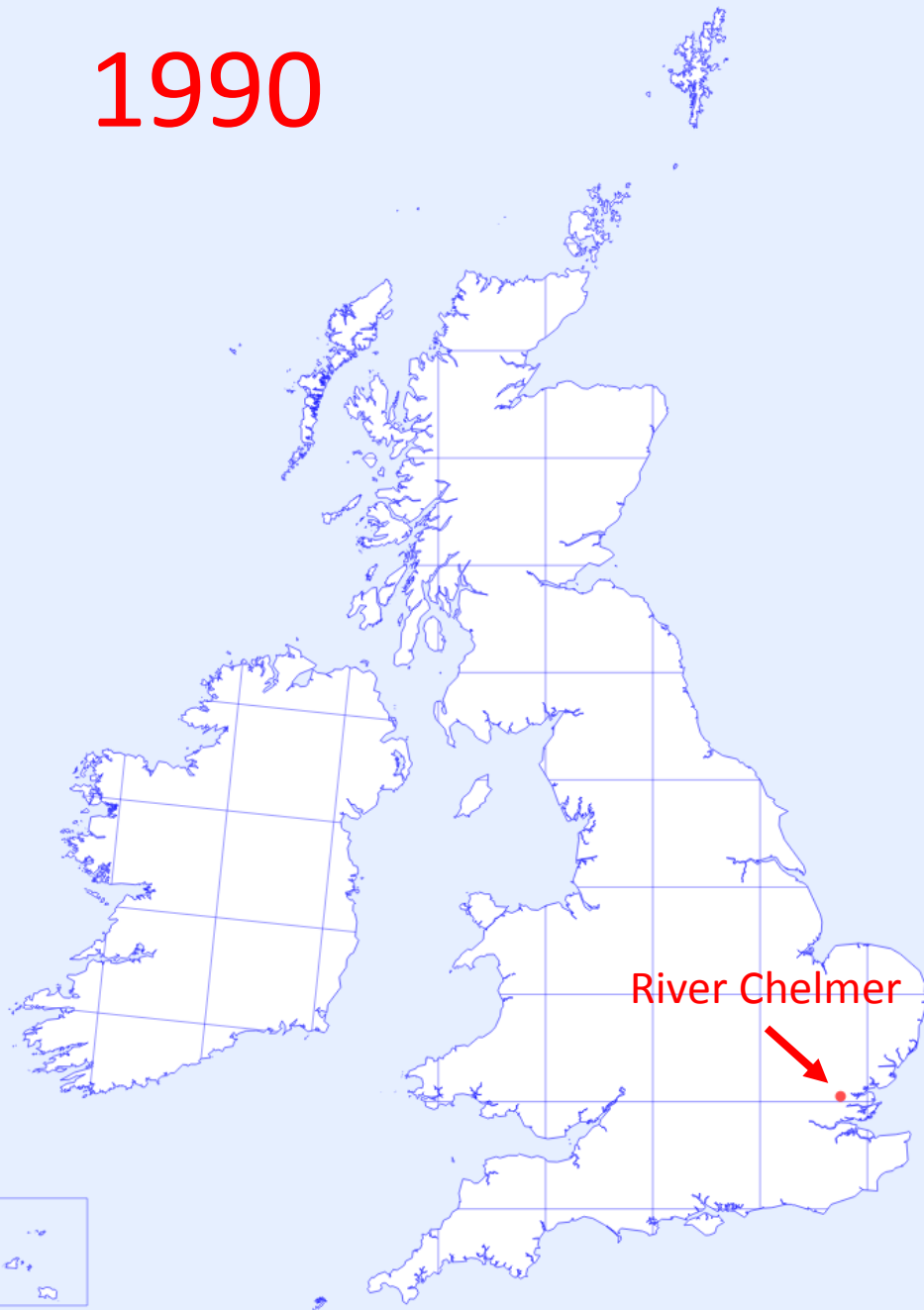
Recent arrival

Aggressive and bad for
the environment

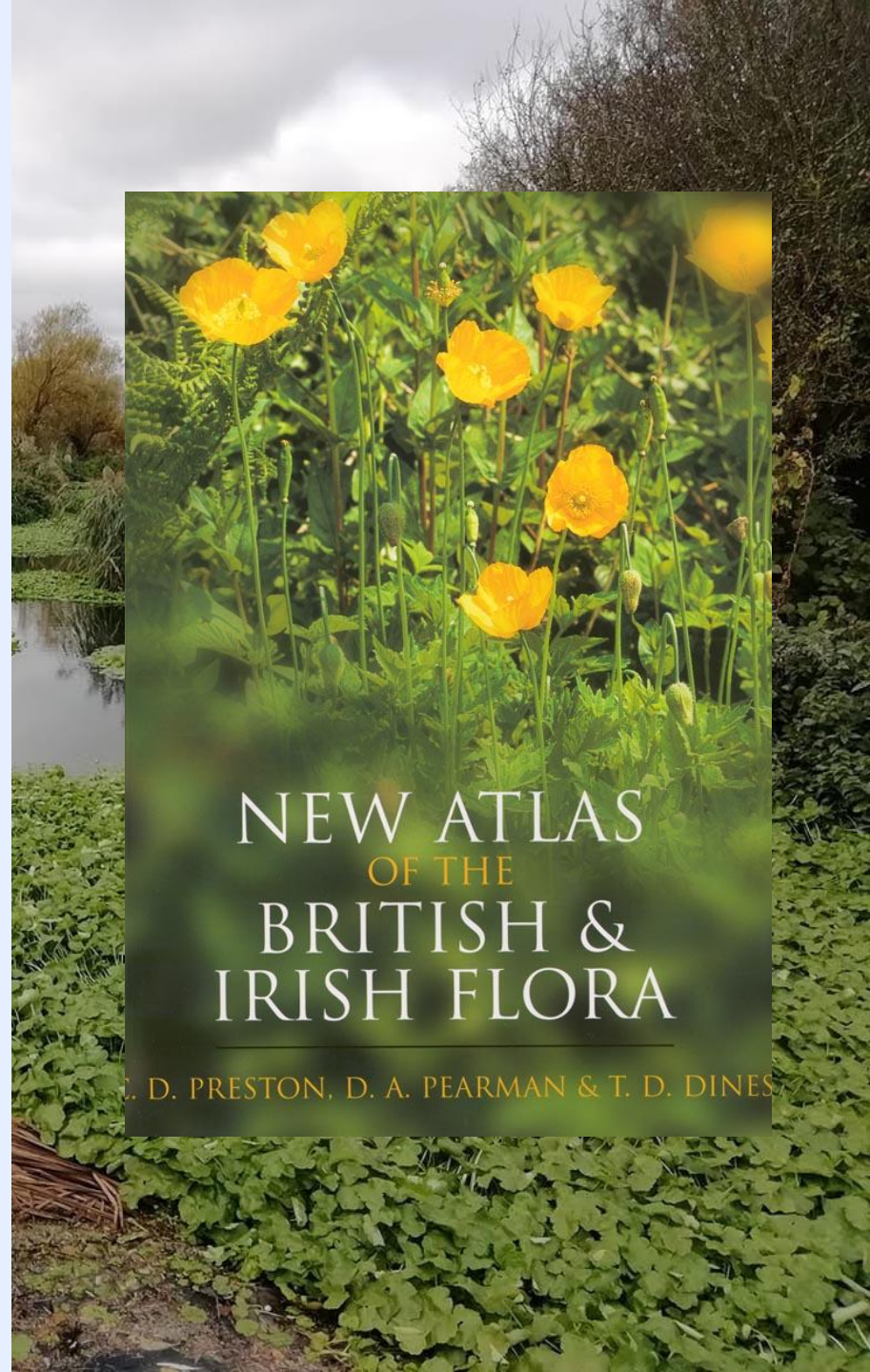
We want to get rid of it!



1990



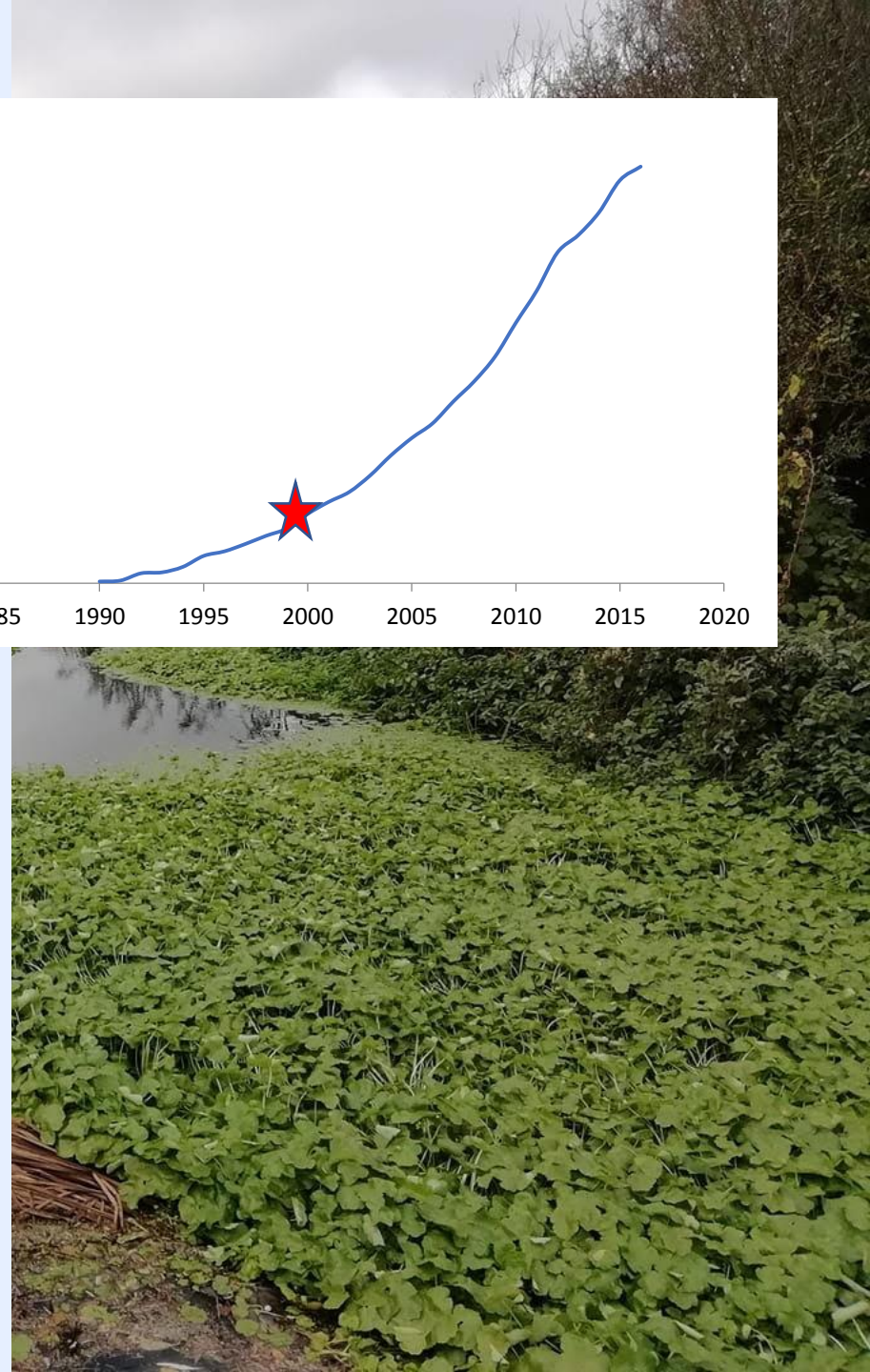
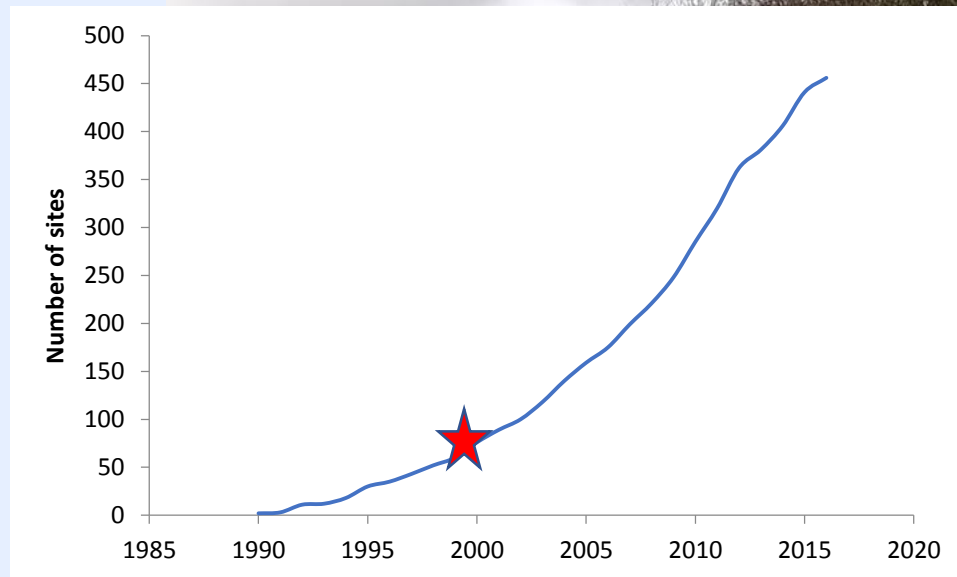
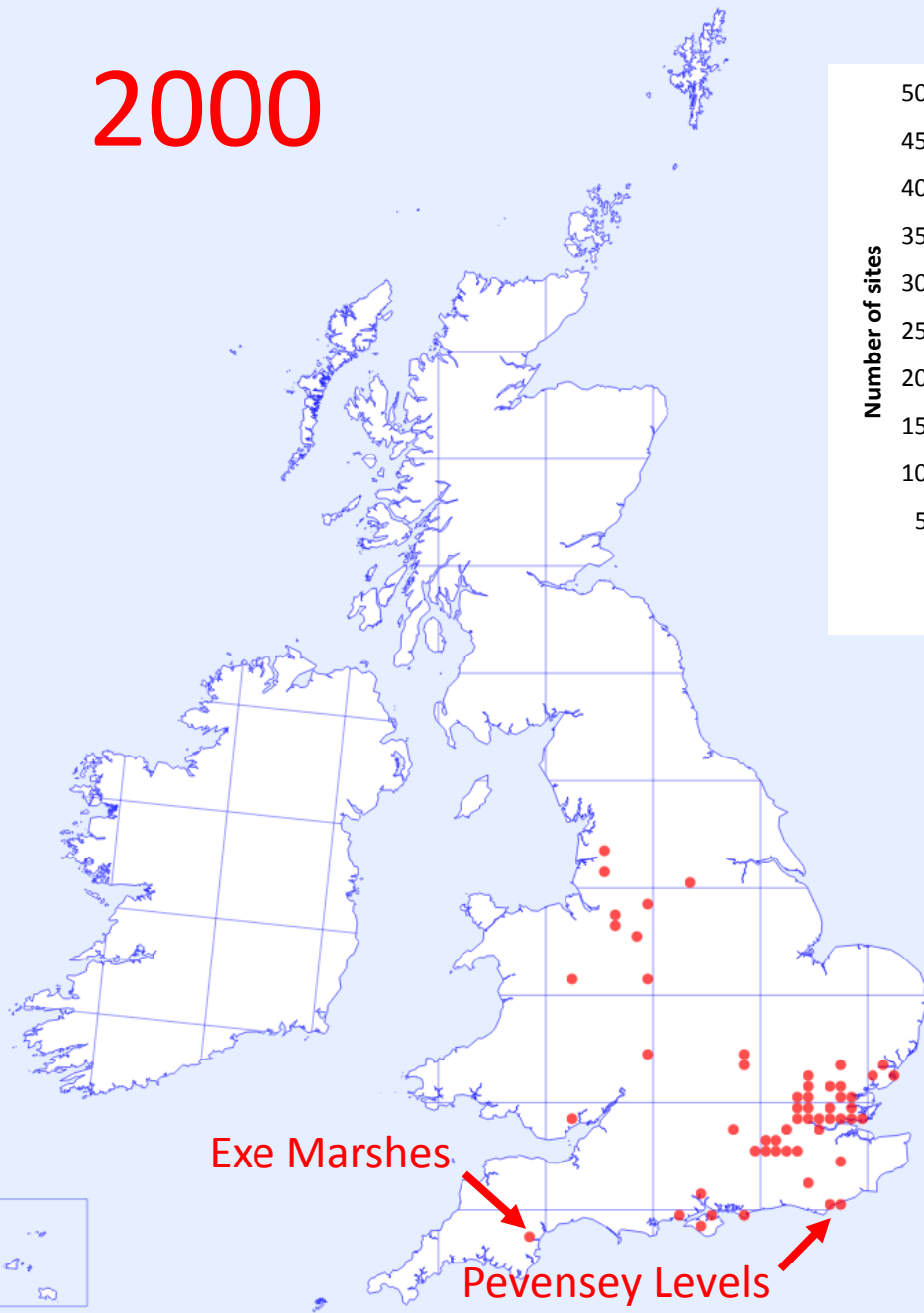
River Chelmer



NEW ATLAS
OF THE
BRITISH &
IRISH FLORA

J. D. PRESTON, D. A. PEARMAN & T. D. DINES

2000

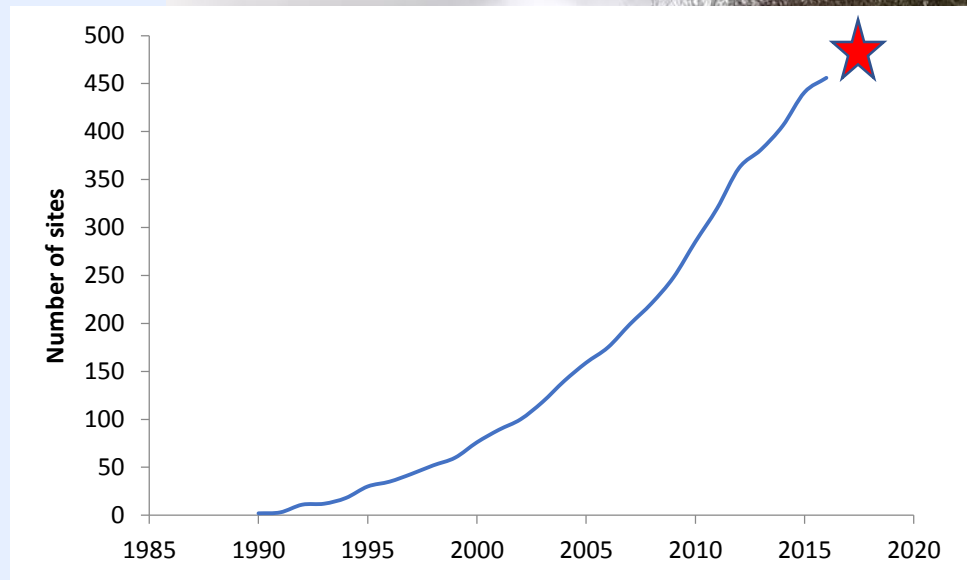
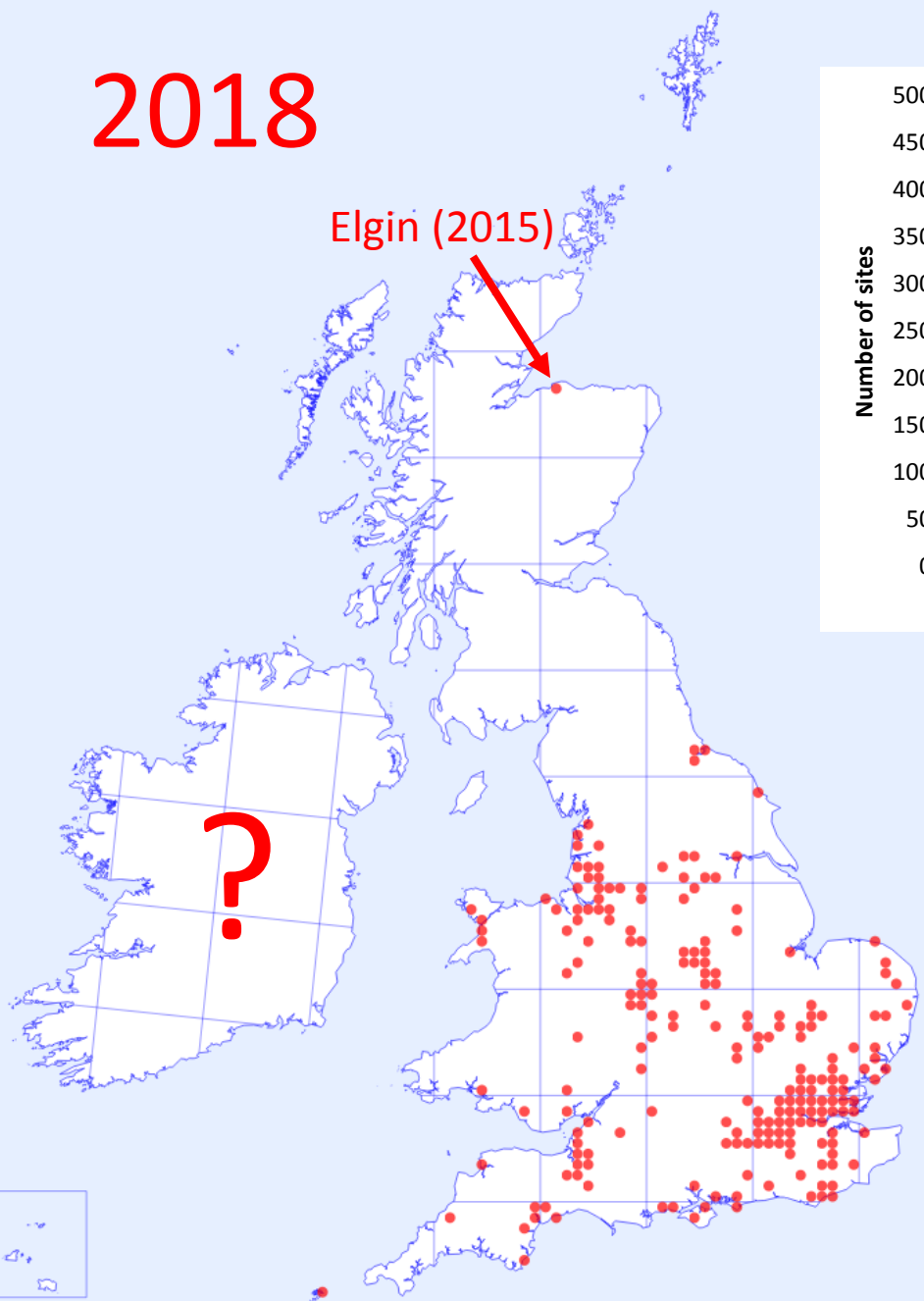


© BSBI 2018

recorded up to 2000 (using end date) and taxon *Hydrocotyle ranunculoides*

2018

Elgin (2015)



© BSBI 2018

recorded up to 2018 (using end date) and taxon *Hydrocotyle ranunculoides*

Triffid-like plant 'taking over Thames', says professor

11 October 2017 f whatsapp twitter email share



An "invasive alien plant with Triffid-like growth" is about to take over parts of



**BEWARE THE TRIFFIDS... they grow
...know...walk...talk...stalk...and KILL!**



THE DAY OF THE TRIFFIDS In the Picture

From the greatest science-fiction novel of all time!

THE DAY OF THE TRIFFIDS

CINEMASCOPE EASTMAN COLOR

STARRING HOWARD KEEL NICOLE MAUREY

Executive Producer Produced by Directed by Screenplay by Edited by JOHN WYNDHAM

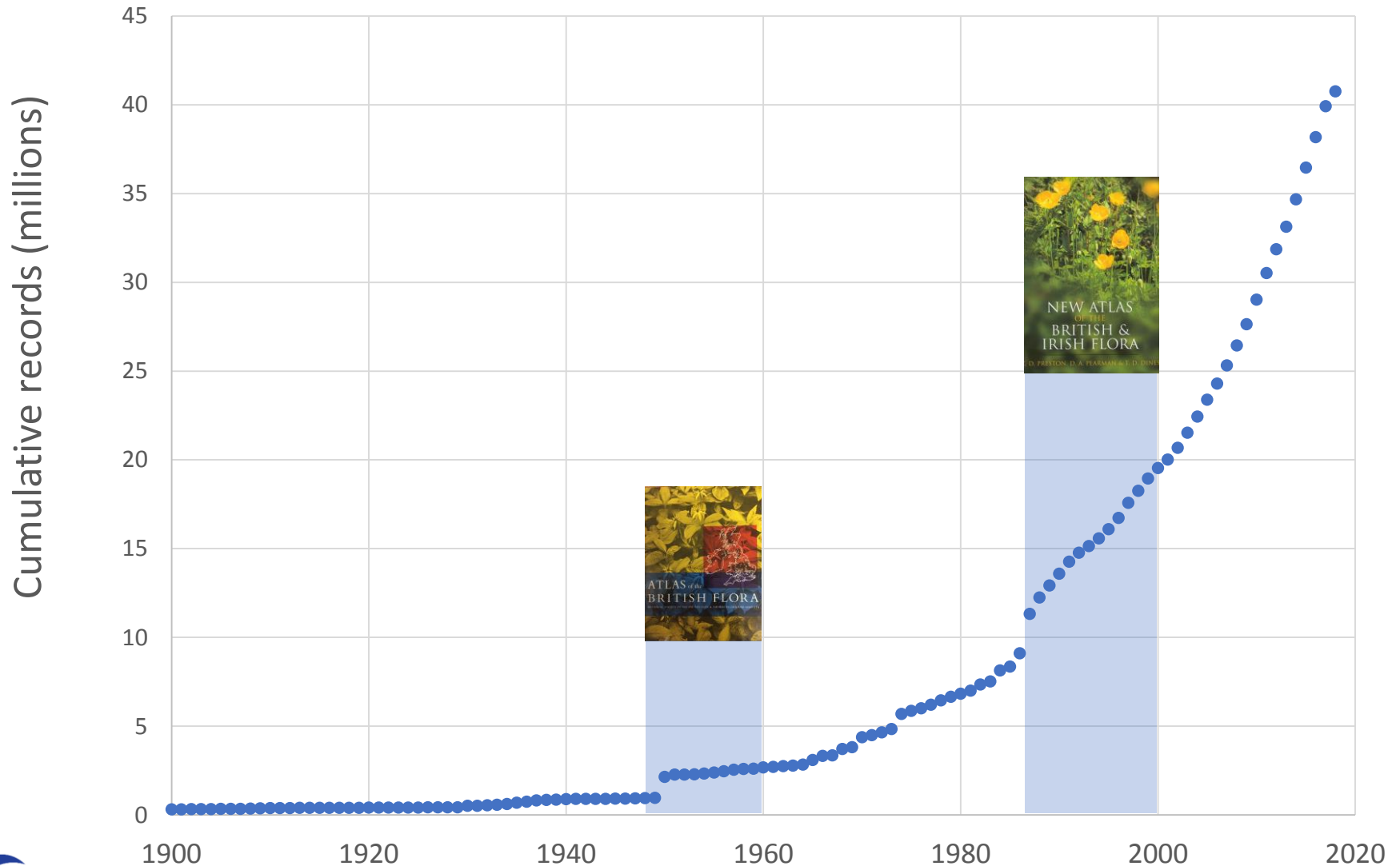
A SECURITY PICTURES LTD. PRODUCTION

Why another atlas #3?

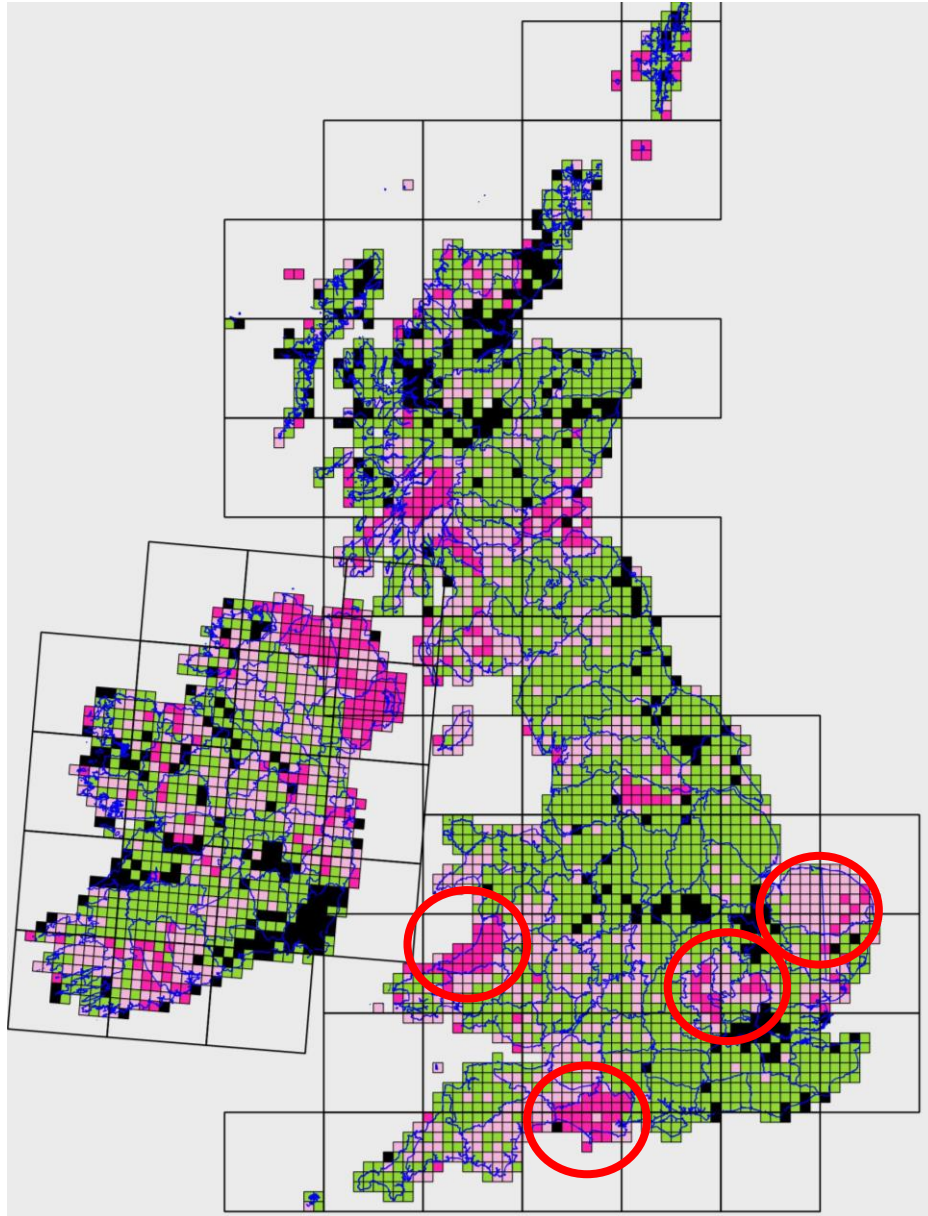
recording plants is fun (and provides useful information for conservation and research)!



PROGRESS: 40 million records

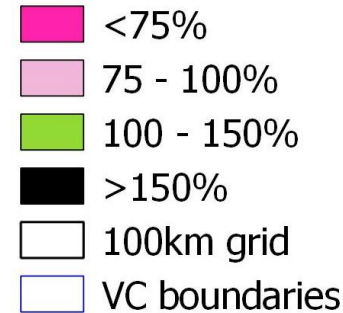


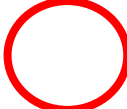
PROGRESS: recording effort



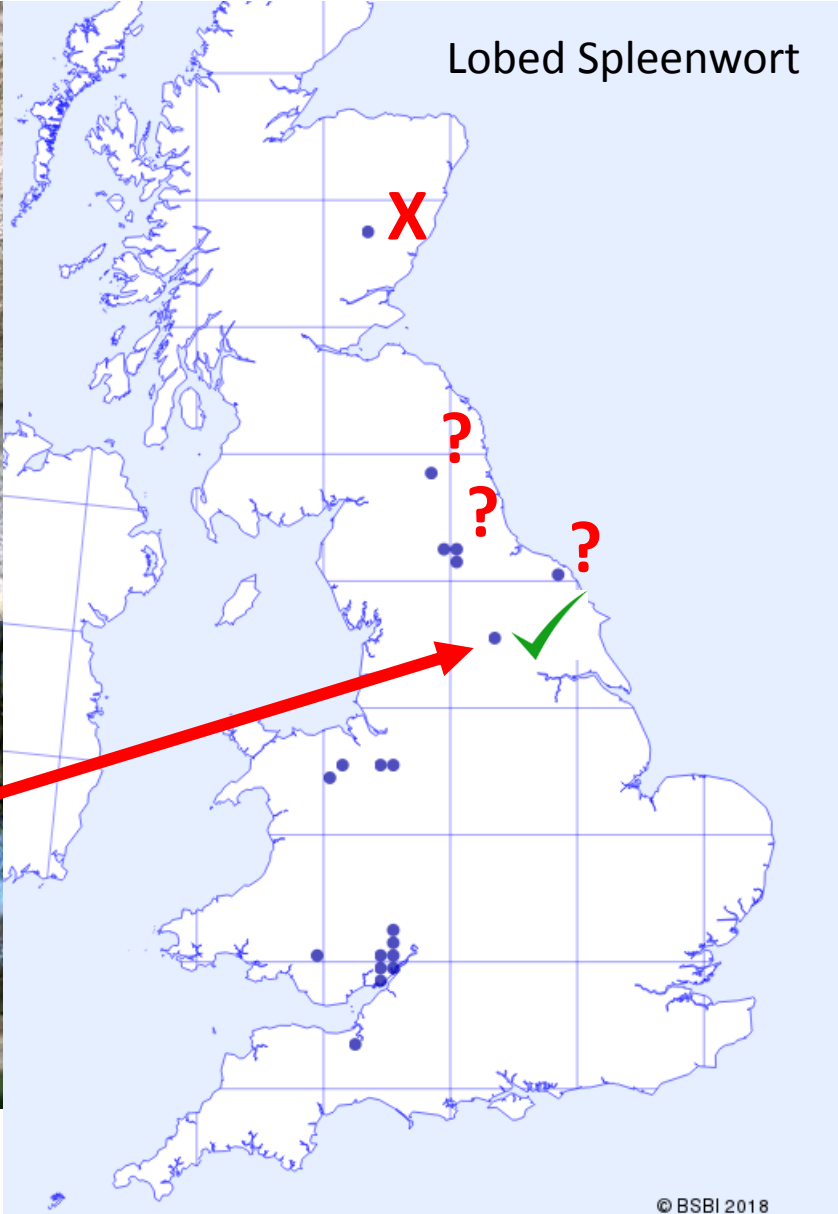
Species & hybrids recorded since 2000
as % of total recorded 1987 - 1999

From DDb 30th October 2018



 Major flora projects in 1990s
- hard to repeat

PROGRESS: validation (checking the maps)



What will the Atlas 2020 look like?

Inbox (1) - kevin.walker@bsbi.org x removing floating pennywort - G x Online Atlas of the British and Irish Flora x +

https://www.brc.ac.uk/plantatlas/

Online Atlas of the British and Irish Flora

Welcome to the Online Atlas of the British and Irish flora

On this website we aim to bring together standard sources of information on the distribution and ecology of the wild flowering plants and ferns of Britain and Ireland, and to build up a portfolio of reliably identified photographs.

Plant Finder

Enter either a botanical name or a common name and click the Find button. Alternatively, browse the [plant list](#).

Botanical name

Common name



FIND

Acknowledgements

We gratefully acknowledge the many [contributors](#) who have made this work possible.



Ajuga chamaeptys, Ranscombe © K.J. Walker, BSBI

Type here to search

10:18
15/11/2018

<https://www.brc.ac.uk/plantatlas/>

[Summary](#)[Photos](#)[Maps](#)[Habitats](#)[Life Form](#)[Distribution](#)[Conservation Status](#)[Other Accounts](#)[References](#)

Tracheophyta > Magnoliopsida > Poaceae > Nardus > Nardus stricta

Ecology

A densely tufted, shortly rhizomatous perennial found on winter-wet, base-poor, infertile and peaty soils, occurring in great quantity on upland hill-slopes, moorland and mountains, including snow-bed communities, but also found on lowland mires, heaths and acidic grasslands, and even sometimes in the upper reaches of saltmarsh turf. 0-1250 m (Ben Macdui, S. Aberdeen).

Status

Native

Trends

Although the range of *N. stricta* has not changed appreciably since the 1962 *Atlas*, it continues to decline locally in lowland Britain because of habitat destruction.

World Distribution

European Boreo-temperate element; also in C. Asia and widely naturalised outside its native range.



Photographs

Maps

Habitats/traits

Change metrics

Other resources

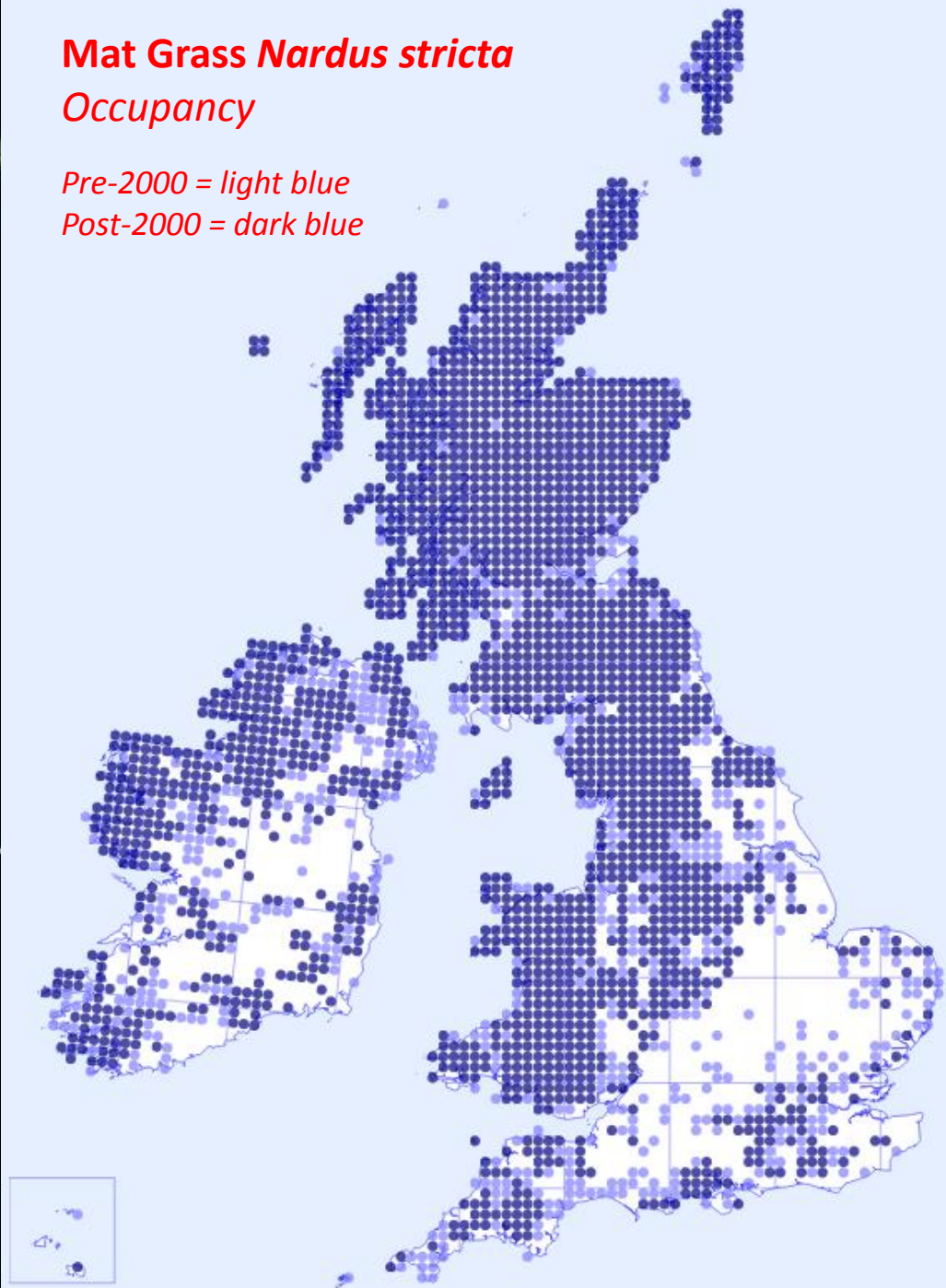
Launch 2022





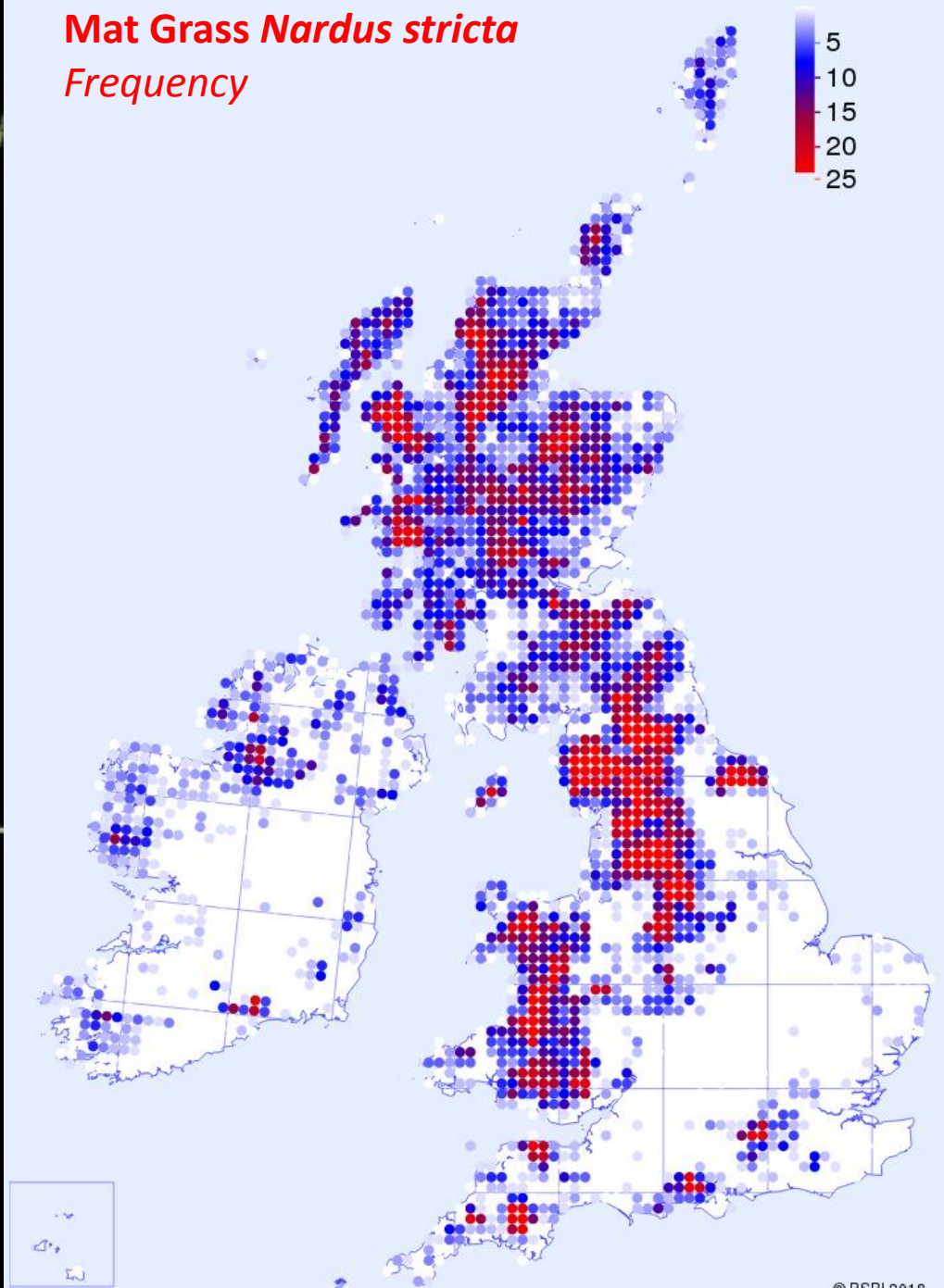
Mat Grass *Nardus stricta*
Occupancy

Pre-2000 = light blue
Post-2000 = dark blue





Mat Grass *Nardus stricta*
Frequency



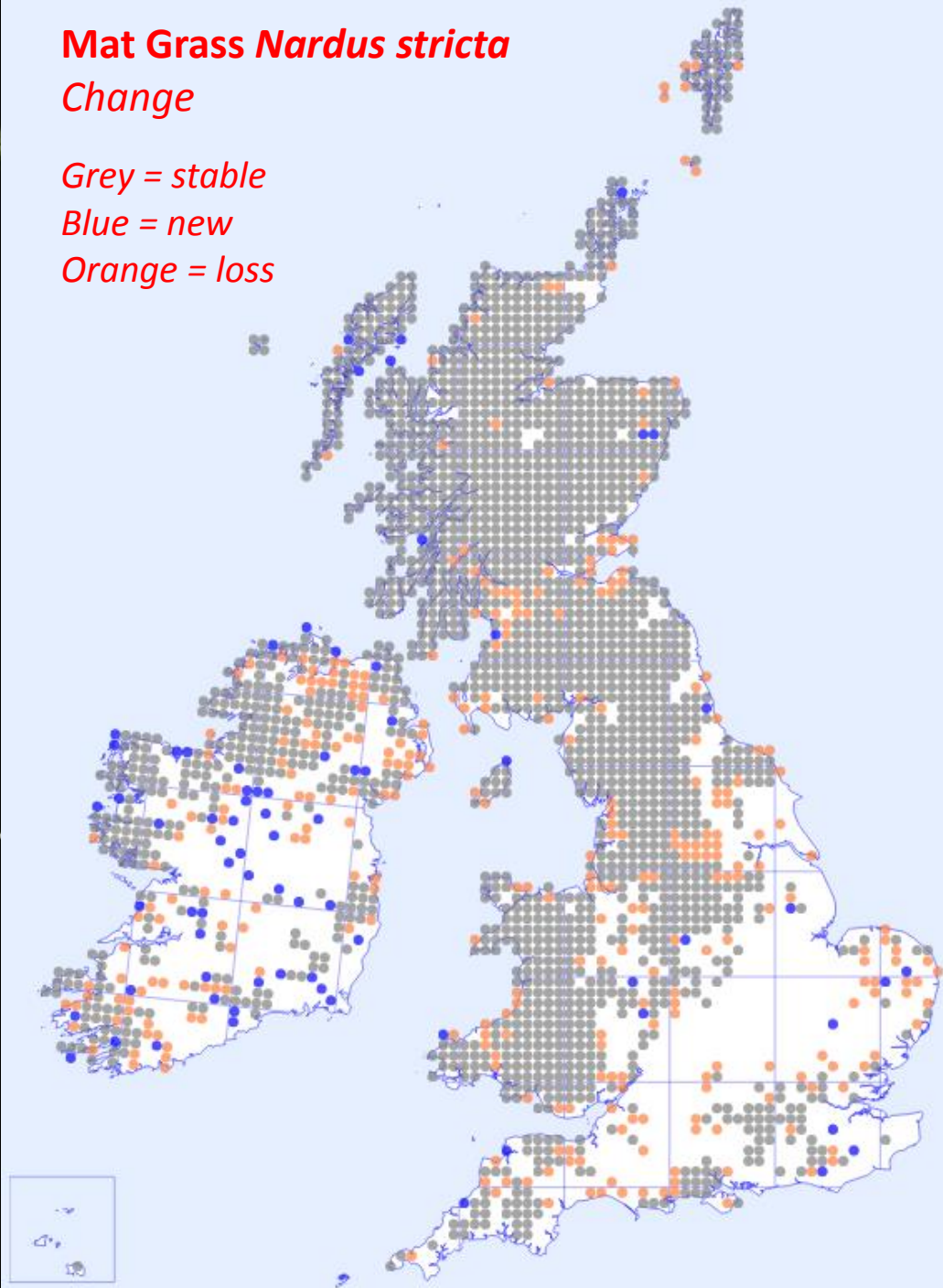


Mat Grass *Nardus stricta* Change

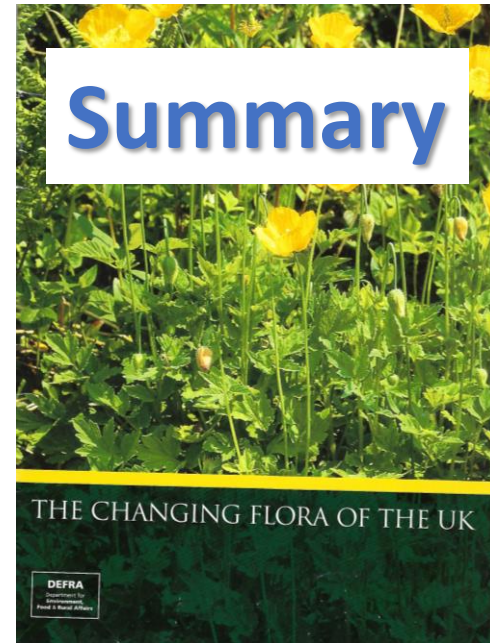
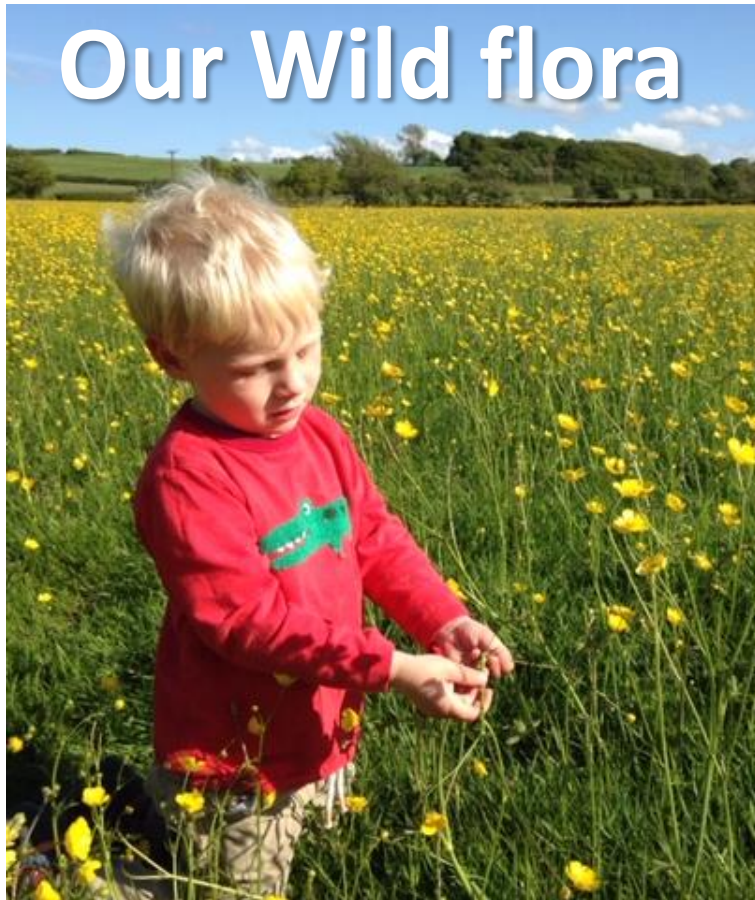
Grey = stable

Blue = new

Orange = loss



Other outputs



Country reports



Bloggs, J. et al. 2022. Recent changes in the abundance of vascular plants in Britain and Ireland: the relative contributions of land management, climate change and other major drivers. *Journal of...*



Post-Atlas projects?



**Thank you for
listening**

