

# Threatened Plants Project

## Progress and plans for publication

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### The survey

National sample survey of 50 of Britain’s most threatened plants, carried out by BSBI volunteer recorders between 2008 and 2013.

Preselected sites were sampled from across Britain and Ireland (Fig 1A) and searched for presence of target species. Many additional sites were also recorded.

The methodology standardised collection of information on population size, extent, habitat, management, associates and threats or reasons for loss where species were no longer present.

### Results

3,872 populations visited across GB and parts of Ireland (Fig. 2B) including 2,048 preselected populations (53% of the 3,876 originally chosen). 1,824 additional populations were also visited.

The average number of preselected sites visited per species was 41 (range 13 - 135) and 37 (range 2 - 129) for additional sites.

The best surveyed species were *Glebionis segetum* and *Gentianella campestris*; *Fallopia dumetorum* and *Silene conica* were the least well surveyed (Fig 2.).

### Progress and publication

Field survey and analyses are now complete. Draft accounts are currently being written for publication early in 2017.

Each species account will include the following information:

Section	Results included in section
1. Sample survey	Number of preselected and additional sites surveyed; % null and extant; how well range sampled.
2. Survival	Analyses of survival in relation to (i) preselected record resolution and (ii) date-class, (iii) environmental zones, (iv) habitats, and (vi) whether located on a SSSI/NNR or not.
3. Threats/reasons for loss	Assessment of threats for extant populations and reasons for loss where a species is no longer present.
4. Population characteristics	Population characteristics including aspect/altitude, population size and extent, and plant density.
5. Habitat	Occurrence within British National Vegetation Classification plant communities and equivalent European Eunis Level 2 habitats; lists of most frequent associates.
6. Management	Summary of management carried out on preselected and additional sites.

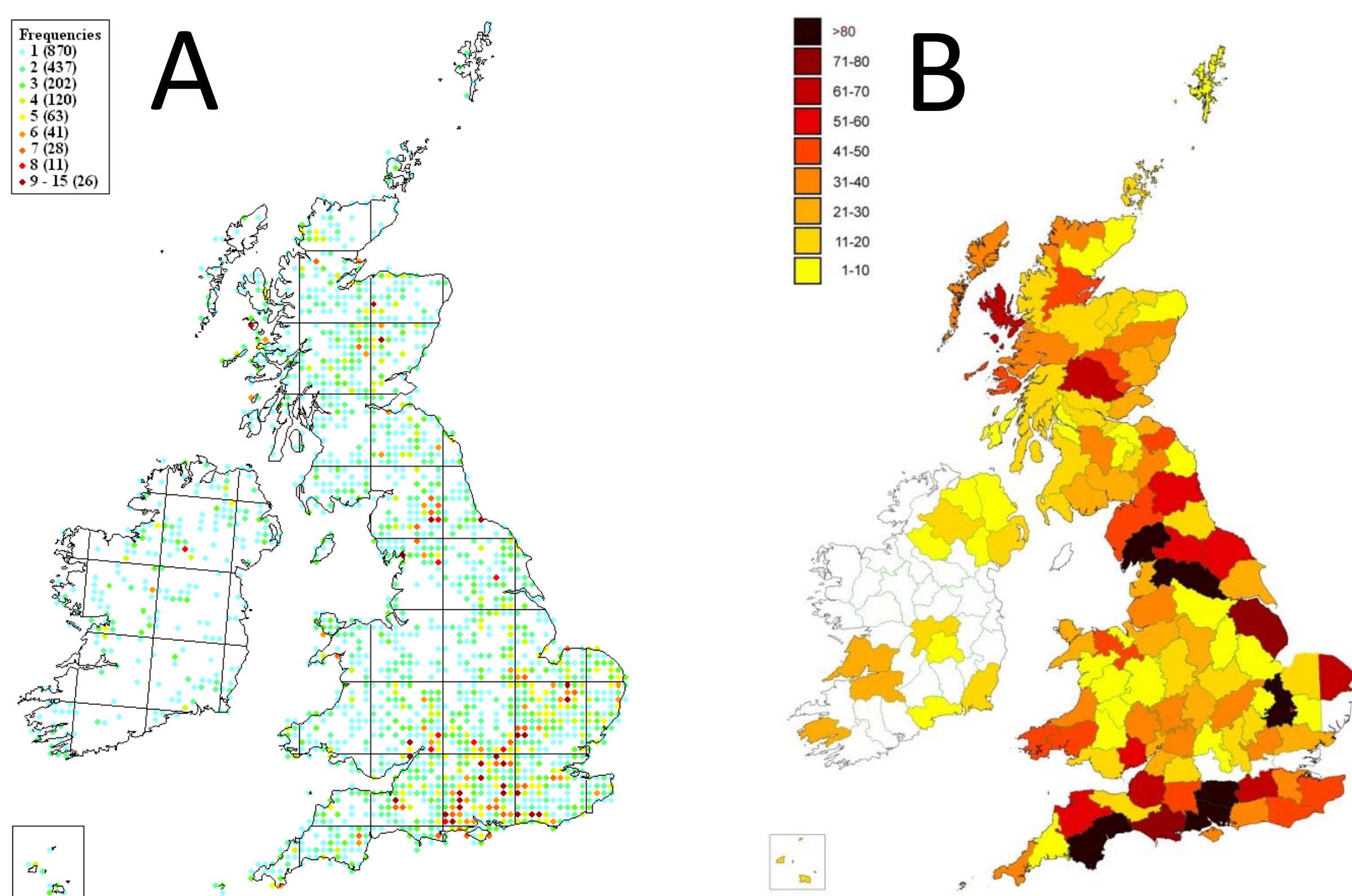


Fig. 1. (A) Hectad distribution of pre-selected sites for all species. (B) Number of populations of all species surveyed within vice-counties.

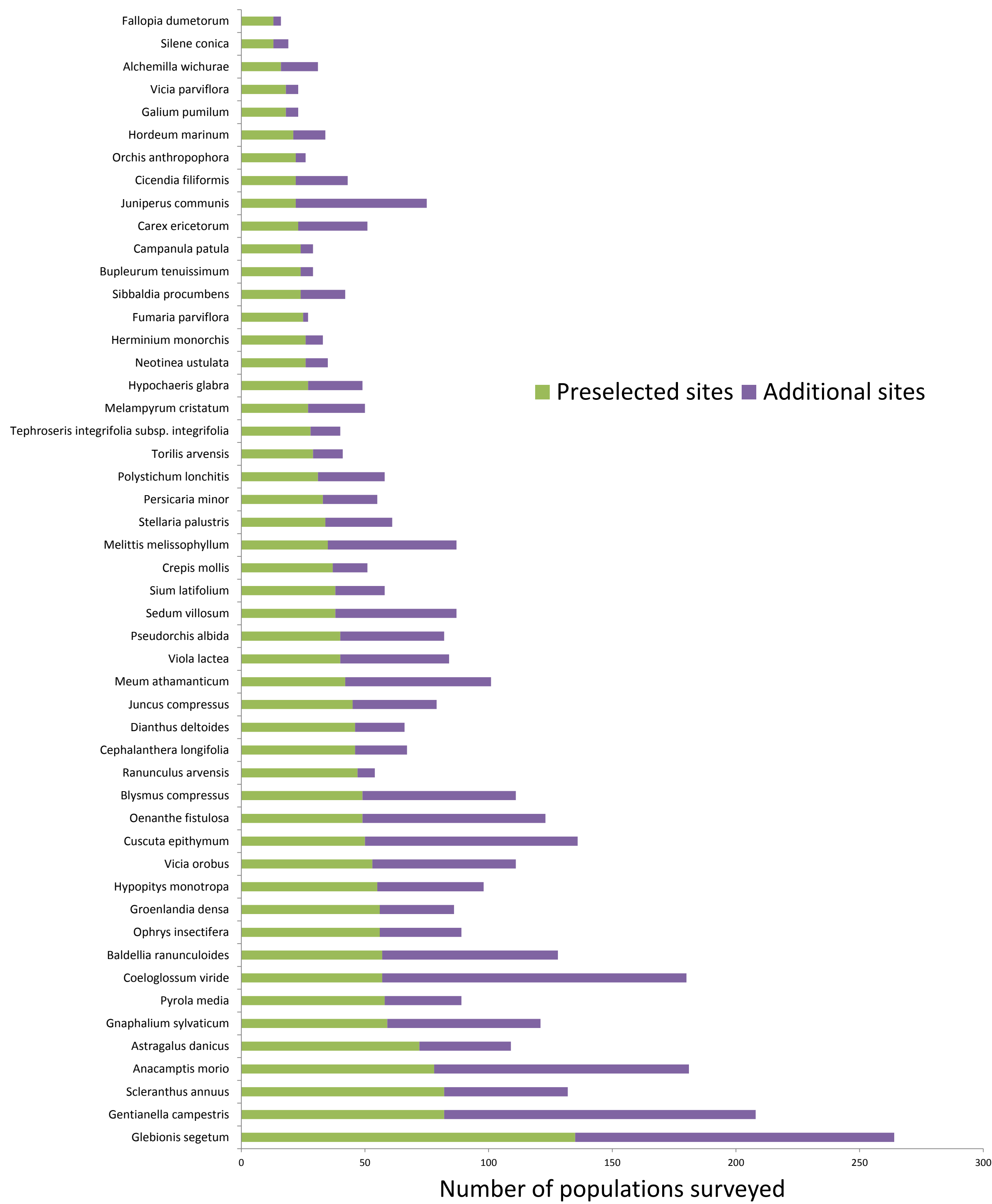


Fig. 2. Numbers of preselected and additional sites surveyed for each of the 50 species included in the survey. Sites are ordered by the number of preselected sites surveyed.

### Find out more

To learn more about the project visit the **Threatened Plants webpage** on the BSBI website where drafts accounts are available for download and comment: <http://bsbi.org/threatened-plants-project>  
Please send any comments or queries to Kevin Walker [kevin.walker@bsbi.org](mailto:kevin.walker@bsbi.org)