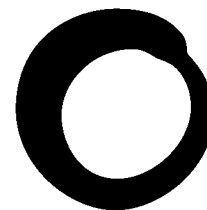


Local information resources



**Friends of
the Earth**

Enclosed you will find:

- Map/table showing distribution of oilseed rape wild relatives for your region
- Map showing UK distribution of sea beet (beet wild relative)
- Map/table showing distribution of threatened arable plants for your region
- Map showing distribution of organic farms for your region.

NB: *No data* on the maps indicates that records are not available for this area, not that the species are absent.

How to interpret the data

Wild relatives of oilseed rape¹

The map shows the distribution of the species that can form hybrids with oilseed rape in your region. The table tells you which species are present in each Local Authority area. The presence of these species in your area means that novel genes from GM crops could escape into these local plant populations (see “Cross-breeding with wild relatives”, page 17, for more detailed information). The map shows the presence or absence of the species that are relatives of oilseed rape in 10km squares. This could be used to support your case for an Article 19 exemption request for your region (see Section 5, “Article 19”).

Wild relatives of beet*

The map shows the distribution of sea beet, a UK species that can easily form hybrids with sugar beet and fodder beet. Again, the presence of this species in your area means that novel genes can escape into local plant populations (see “Cross-breeding with wild relatives”, page 17, for more information). The map shows the presence or absence of sea beet in 10km squares. This could be used to support your case for an Article 19 exemption request for your region (see Section 5, “Article 19”).

Threatened arable plants*

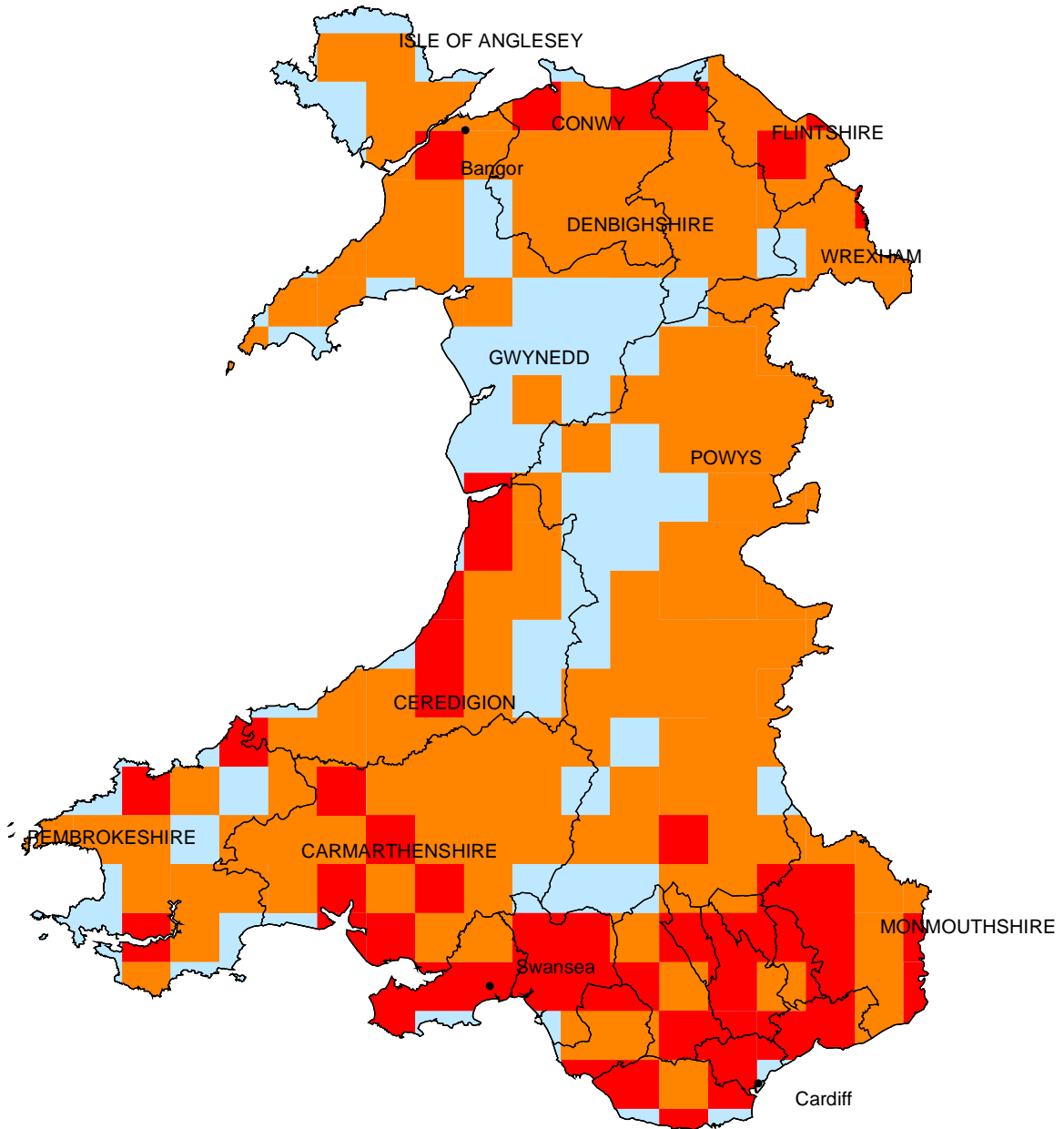
The map shows the distribution of protected arable plant species in your region, and the table lists which species are present in each Local Authority region. These species could be threatened by the introduction of herbicide-tolerant plants (see “Effects on biodiversity”, page 18, for more information). The map shows the presence or absence of protected arable plant species in 10km squares. This could be used to support your case for an Article 19 exemption request for your region (see Section 5, “Article 19”).

Organic farms

The map shows the distribution of organic farms in your region, according to DEFRA’s public register of organic producers. GM contamination of organic produce could threaten the livelihoods of organic farmers (see “Organic farming”, page 20 for more information). This could be used to support your case for an Article 19 exemption request for your region (see Section 5: “Article 19”).

¹ Data for species taken from New Atlas of the British and Irish Flora, Oxford University Press 2002

Wild relatives of oil seed rape Wales



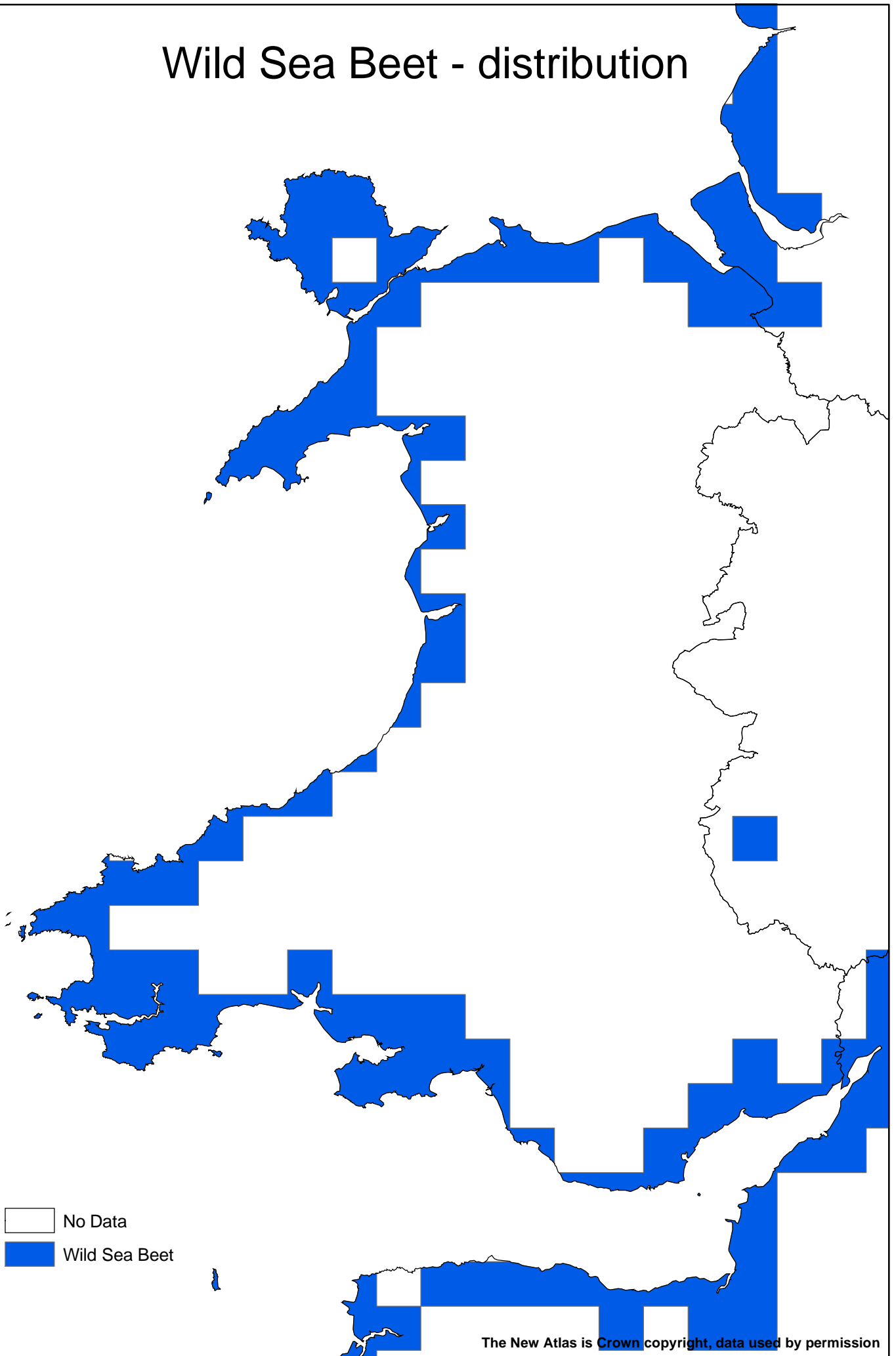
Number of Species

- No Data
- 1-2
- 3-5
- Major towns

WALES - Wild Relatives of Oilseed Rape and Crop Beet

	<i>wild sea beet N</i>	<i>wild sea beet A</i>	<i>chinese mustard A</i>	<i>wild cabbage A</i>	<i>wild cabbage N</i>	<i>wild turnip A</i>	<i>hoary mustard A</i>	<i>wild sea radish N</i>	<i>wild sea radish A</i>	<i>wild radish A</i>	<i>brassica carinata</i>	<i>wild rape</i>	<i>black mustard</i>	<i>brassica tournefortii</i>	<i>charlock</i>
Blaenau Gwent						✓	✓								✓
Bridgend	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Caerphilly	✓			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cardiff	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Carmarthenshire	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ceredigion	✓			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conwy	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Denbighshire	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Flintshire	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Gwynedd	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Isle of Anglesey	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Merthyr Tydfil						✓	✓			✓	✓			✓	✓
Monmouthshire	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Neath Port Talbot	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Newport	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pembrokeshire	✓			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Powys.	✓			✓		✓	✓			✓	✓	✓	✓	✓	✓
Rhondda, Cynon, Taff				✓		✓				✓	✓	✓	✓	✓	✓
Swansea	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Torfaen	✓					✓	✓			✓	✓	✓	✓	✓	✓
Vale of Glamorgan	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wrexham				✓		✓				✓	✓	✓	✓	✓	✓

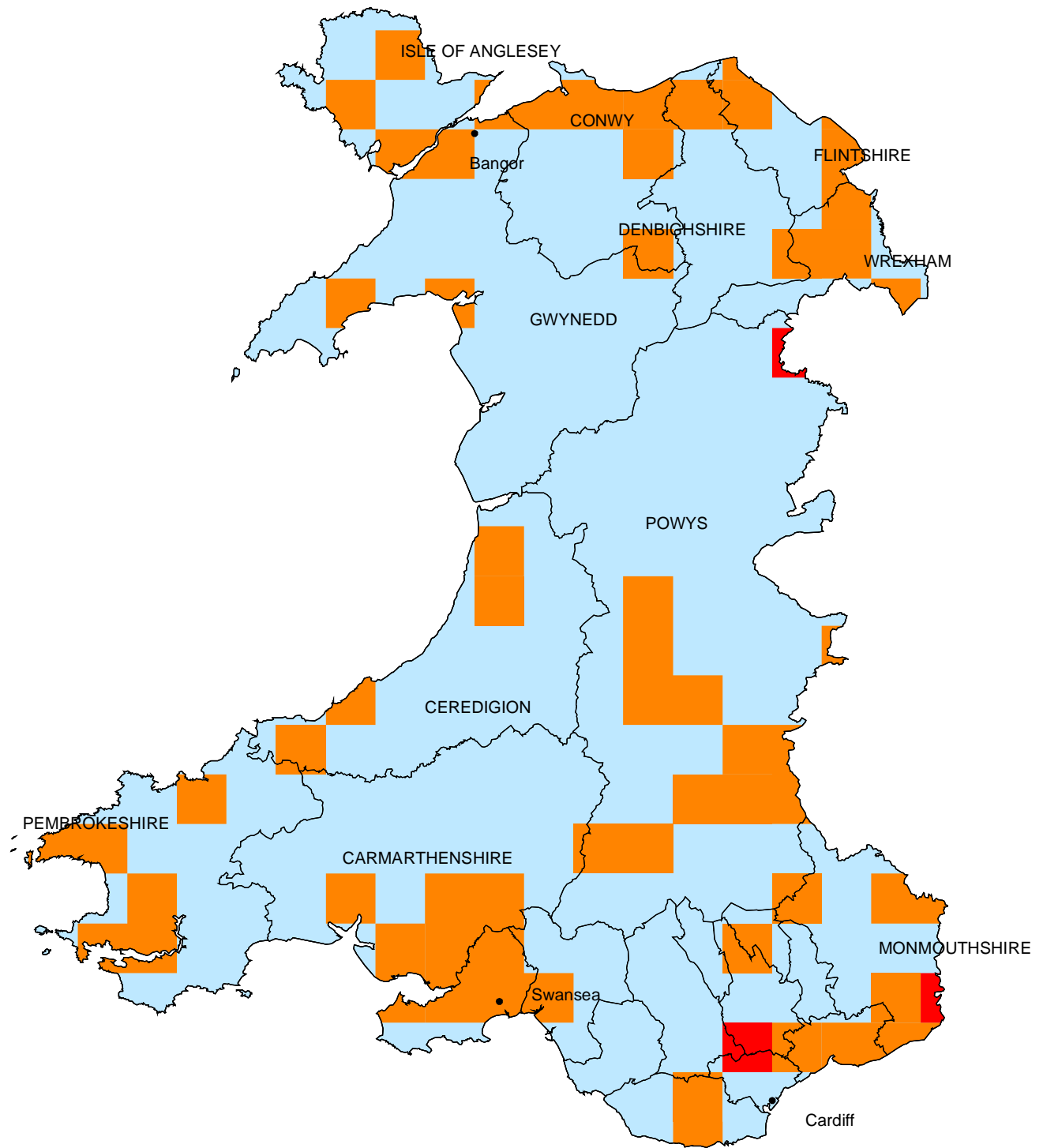
Wild Sea Beet - distribution



WALES - Wild Relatives of Oilseed Rape and Crop Beet

	<i>wild sea beet N</i>	<i>wild sea beet A</i>	<i>chinese mustard A</i>	<i>wild cabbage A</i>	<i>wild cabbage N</i>	<i>wild turnip A</i>	<i>hoary mustard A</i>	<i>wild sea radish N</i>	<i>wild sea radish A</i>	<i>wild radish A</i>	<i>brassica carinata</i>	<i>wild rape</i>	<i>black mustard</i>	<i>brassica tournefortii</i>	<i>charlock</i>
Blaenau Gwent						✓	✓								✓
Bridgend	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Caerphilly	✓			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cardiff	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Carmarthenshire	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ceredigion	✓			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conwy	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Denbighshire	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Flintshire	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Gwynedd	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Isle of Anglesey	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Merthyr Tydfil						✓	✓			✓	✓			✓	✓
Monmouthshire	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Neath Port Talbot	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Newport	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pembrokeshire	✓			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Powys.	✓			✓		✓	✓			✓	✓	✓	✓	✓	✓
Rhondda, Cynon, Taff				✓		✓				✓	✓	✓	✓	✓	✓
Swansea	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Torfaen	✓					✓	✓			✓	✓	✓	✓	✓	✓
Vale of Glamorgan	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wrexham				✓		✓				✓	✓	✓	✓		✓

Threatened plants Wales



Number of Species

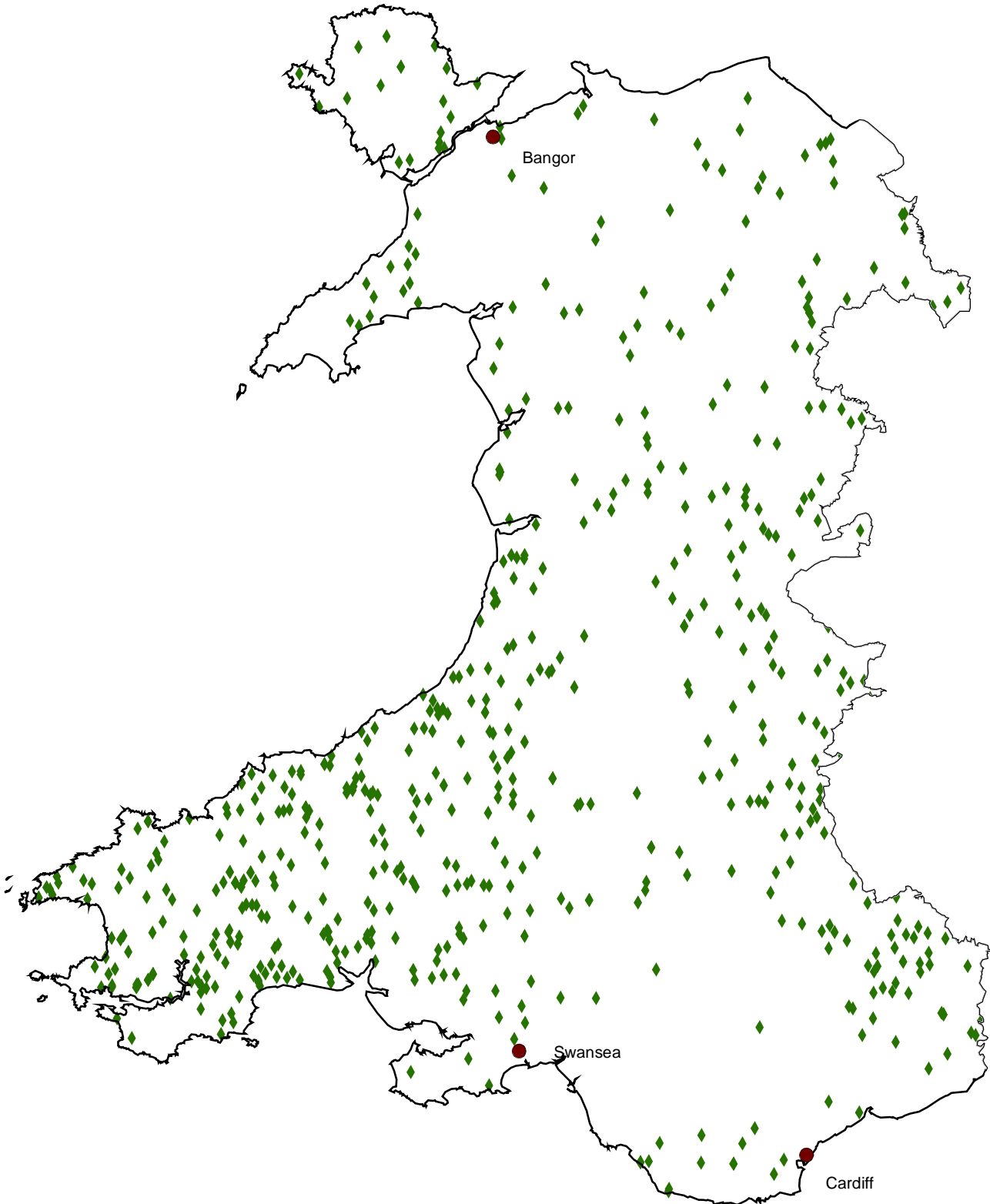
Light blue No Data

Orange 1-2

Red 3-5

Black dot Major towns

Organic producers Wales



- ◆ Organic farms
- Major towns