NBN Gateway Access Controls

A guide to the access controls available for species datasets on the NBN Gateway including examples.

National Biodiversity Network

Sharing Information about Wildlife

Managing Access to Species Records

NBN Gateway

- When preparing a dataset for the NBN Gateway you are asked to indicate the level of access you would like the public to have to the information it contains.
- The NBN Gateway has a framework of access controls to help you manage access to wildlife data responsibly.
- It is important to build a good understanding of the controls before you prepare and submit a dataset if you need to restrict public access to any of the information it contains.

Managing Access to Species Records

Access Position

- A founding principle of the NBN is that wildlife data should be easily accessible to enable their use for decision-making, education, research and other public-benefit purposes.
- The NBN Gateway represents a good opportunity to be proactive in the dissemination of wildlife data you hold.
- However, there are circumstances in which open access to the full detail of data is not in the best public interest and access needs to be managed responsibly.

Managing Access to Species Records

Access Position

- In deciding whether or not to restrict access to data it is desirable to begin from an open position and then identify any parts of the data that really need to be restricted.
- If you decide to restrict public access it is important that the reasons for this are set out within the Access Constraints field of the Metadata Form for Species Datasets.
- This helps users understand the need for restrictions and helps the wider NBN partnership better understand and address the issues constraining greater access to data.

NBN Gateway Access Controls

Setting Public Access

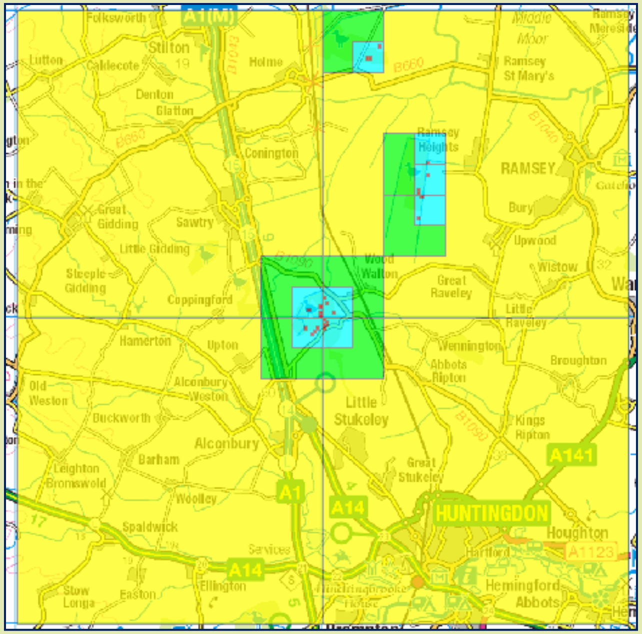
- There are access controls for setting resolution access, access to recorder names and access to record attributes
- These apply to all records within a dataset
- There is no public access to sensitive records
- Initially only one access control is available…

NBN Gateway Access Controls

Setting Public Access

Access Resolution

You can control the geographic resolution at which records within your dataset are displayed and downloaded to different users.



Resolution can be set at Full, 1km, 2km or 10km squares

NBN Gateway Access Controls

Setting Public Access

- If you grant **full geographic resolution** access,

  2 additional controls become available for use…

NBN Gateway Access Controls

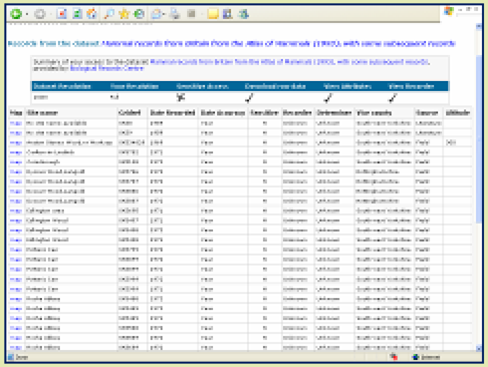
Setting Public Access

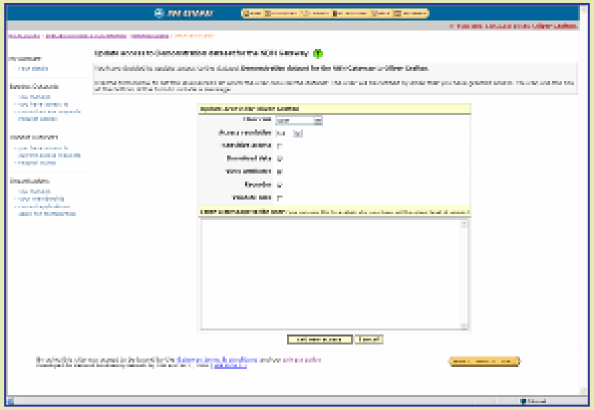
View Attributes

control whether users can view any additional attributes of records within your dataset

View Recorder

control whether users can view recorder and determiner names associated with the records





NBN Gateway Access Controls

Setting Enhanced Access

- You may also grant enhanced access to specific users and organisations registered on the NBN Gateway
- There is only one access control for setting enhanced access – **full access including recorder names and attributes**
- These may apply to some or all of the records within a dataset.
- Additionally you may **grant access to sensitive** records

Access Control Examples

So how do these controls actually effect what is seen?

The following slides give examples of implemented access controls on the NBN Gateway…

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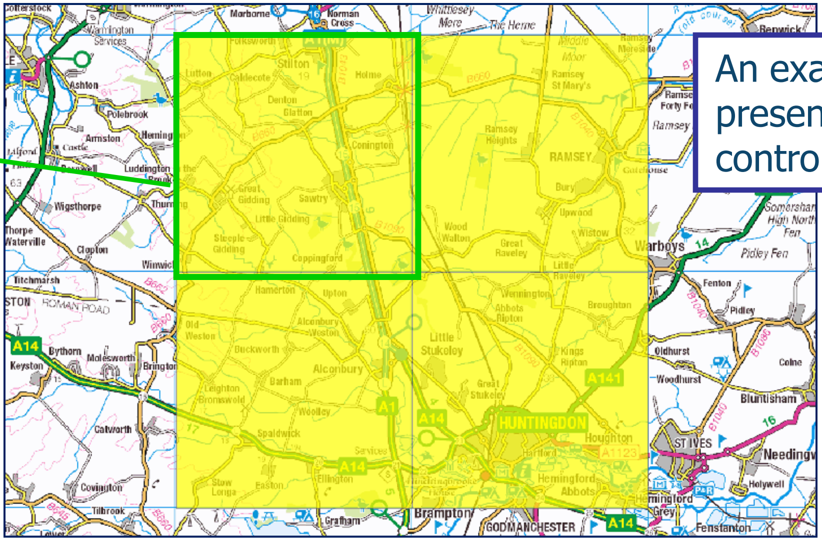
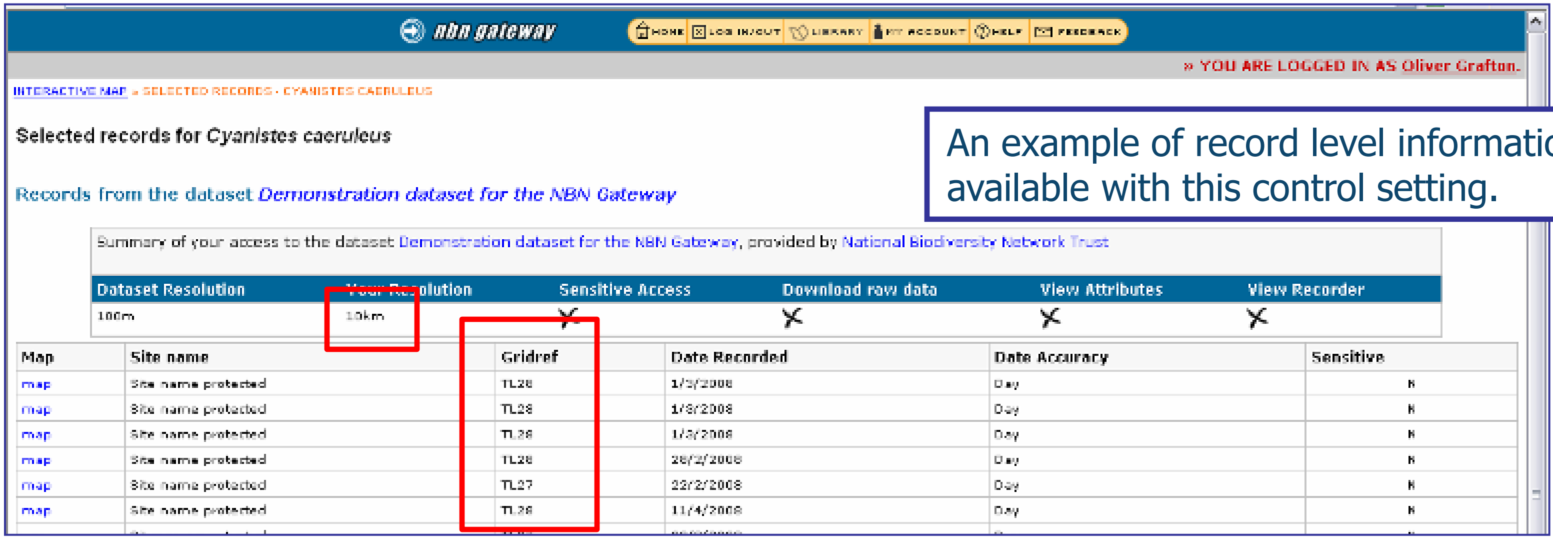
Access Control Examples

Control Setting 1.1:

Resolution= 10km


Marborne
Norman Cross
Whittlesey Mere
Stilton
Caldecote
Denton
Glatton
Holme
Conington
Ramsey St Mary's
Ramsey Heights
RAMSEY
Bury
Upwood
Wistow
Great Raveley
Little Raveley
Wood Walton
Sawtry
Great Gidding
Little Gidding
Steeple Gidding
Coppingford
Hamerton
Upton
Alconbury Weston
Alconbury
Old Weston
Buckworth
Barham
Leighton Bromswold
Woolley
Spaldwick
Ellington
Easton
Stow Longa
Little Stukeley
Great Stukeley
Abbots Ripton
Kings Ripton
Wennington
Broughton
HUNTINGDON
Hartford
Houghton
Hemingford Abbots
Brampton
GODMANCHESTER
Grafham
Warboys
Fenton
Pidley
Oldhurst
Woodhurst
Colne
Bluntisham
ST IVES
Needingworth
Holywell
Fenstanton
Somersham
Pidley Fen
Ashton
Polebrook
Armston
Hemington
Luddington
Wigsthorpe
Thurning
Clopton
Thorpe Waterville
Titchmarsh
Winwick
Bythorn
Molesworth
Brington
Keyston
Catworth
Covington
Tilbrook
A14
A1
A141
A1123

An example of the records presented in maps with this control setting.


nbn gateway
HOME
LOG IN/OUT
LIBRARY
MY ACCOUNT
HELP
FEEDBACK

» YOU ARE LOGGED IN AS Oliver Grafton.

INTERACTIVE MAP » SELECTED RECORDS - CYANISTES CAERULEUS

Selected records for *Cyanistes caeruleus*

Records from the dataset *Demonstration dataset for the NBN Gateway*

Summary of your access to the dataset Demonstration dataset for the NBN Gateway, provided by National Biodiversity Network Trust

Dataset Resolution	Your Resolution	Sensitive Access	Download raw data	View Attributes	View Recorder
100m	10km	✗	✗	✗	✗

Map	Site name	Gridref	Date Recorded	Date Accuracy	Sensitive
map	Site name protected	TL28	1/3/2008	Day	N
map	Site name protected	TL28	1/3/2008	Day	N
map	Site name protected	TL28	1/3/2008	Day	N
map	Site name protected	TL28	26/2/2008	Day	N
map	Site name protected	TL27	22/2/2008	Day	N
map	Site name protected	TL28	11/4/2008	Day	N

An example of record level information available with this control setting.

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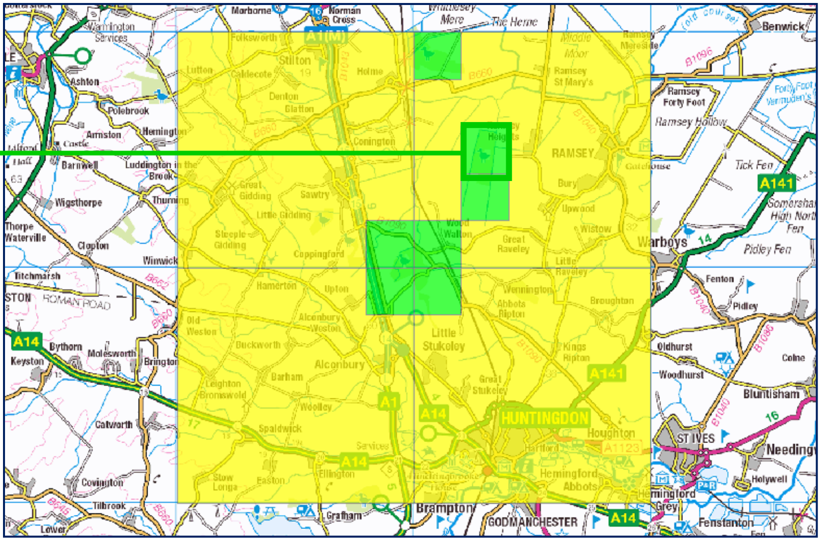
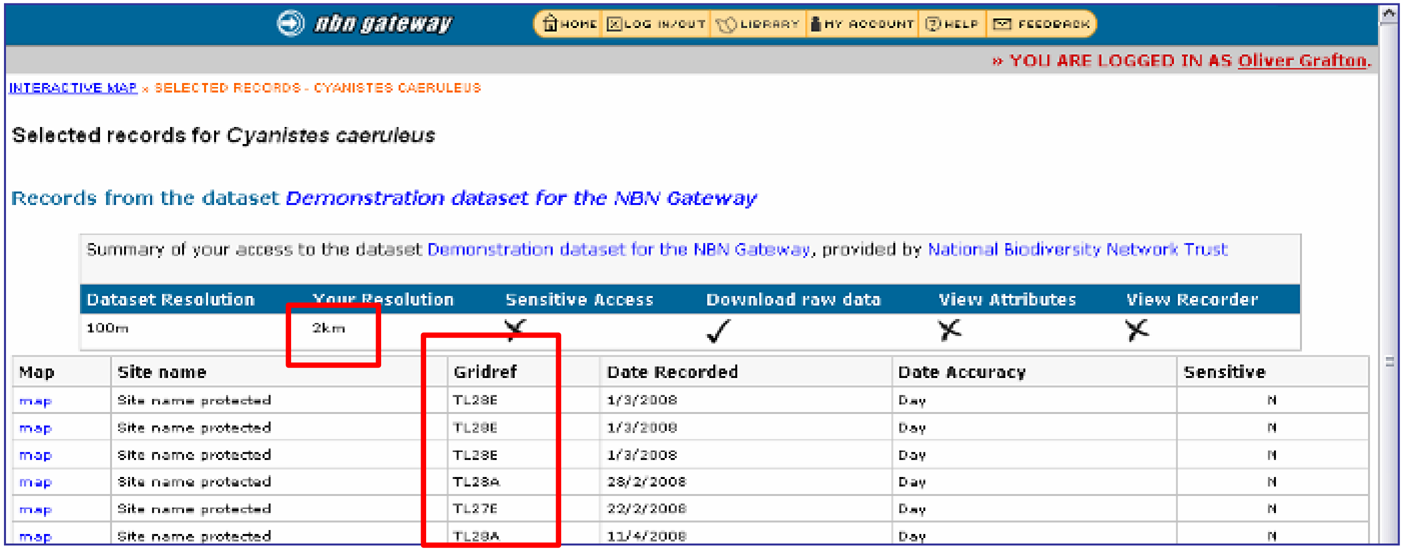
Access Control Examples

Control Setting 1.2:

Resolution= 2km


Morborne
Norman Cross
Whittlesey Mere
Benwick
Warmington Services
Folksworth
Stilton
Holme
Ramsey St Mary's
Ashton
Polebrook
Caldecote
Denton
Glatton
Ramsey Forty Foot
Ramsey Hollow
Armston
Hemington
Conington
RAMSEY
Barnwell
Luddington in the Brook
Tick Fen
A141
Wigsthorpe
Thurning
Great Gidding
Sawtry
Bury
Upwood
Somersham High North Fen
Thorpe Waterville
Clopton
Little Gidding
Steeple Gidding
Wood Walton
Great Raveley
Wistow
Warboys
Pidley Fen
Winwick
Coppingford
Little Raveley
Titchmarsh
Hamerton
Upton
Wennington
Abbots Ripton
Broughton
Fenton
Pidley
ROMAN ROAD
Old Weston
Alconbury Weston
Little Stukeley
A14
Bythorn
Molesworth
Brington
Keyston
Buckworth
Alconbury
Kings Ripton
Oldhurst
Colne
Woodhurst
Leighton Bromswold
Barham
Great Stukeley
Bluntisham
Woolley
A1
Catworth
Spaldwick
HUNTINGDON
Houghton
ST IVES
Needingworth
Ellington
Hemingford Abbots
Holywell
Covington
Stow Longa
Easton
Tilbrook
Grafham
Brampton
GODMANCHESTER
Fenstanton
Lower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LIBRARY
MY ACCOUNT
HELP
FEEDBACK

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INTERACTIVE MAP » SELECTED RECORDS - CYANISTES CAERULEUS

Selected records for *Cyanistes caeruleus*

Records from the dataset *Demonstration dataset for the NBN Gateway*

Summary of your access to the dataset Demonstration dataset for the NBN Gateway, provided by National Biodiversity Network Trust

Dataset Resolution	Your Resolution	Sensitive Access	Download raw data	View Attributes	View Recorder
100m	2km	✗	✓	✗	✗

Map	Site name	Gridref	Date Recorded	Date Accuracy	Sensitive
map	Site name protected	TL28E	1/3/2008	Day	N
map	Site name protected	TL28E	1/3/2008	Day	N
map	Site name protected	TL28E	1/3/2008	Day	N
map	Site name protected	TL28A	28/2/2008	Day	N
map	Site name protected	TL27E	22/2/2008	Day	N
map	Site name protected	TL28A	11/4/2008	Day	N

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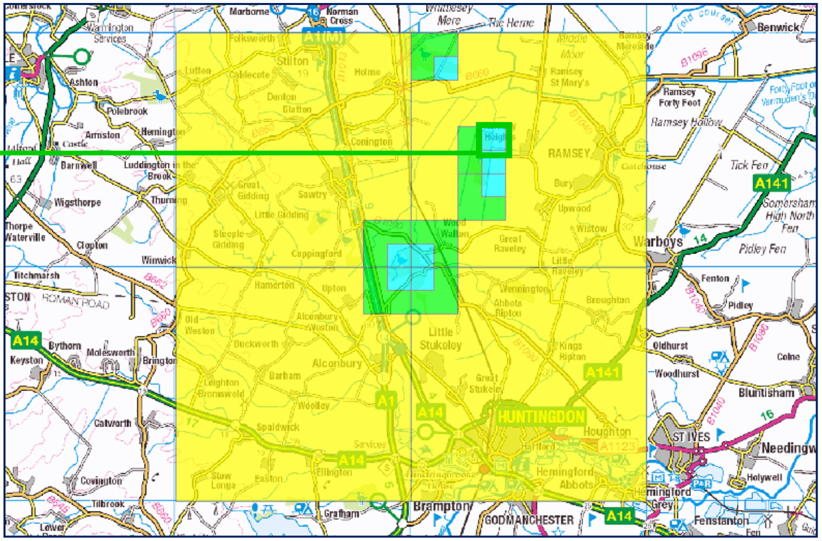
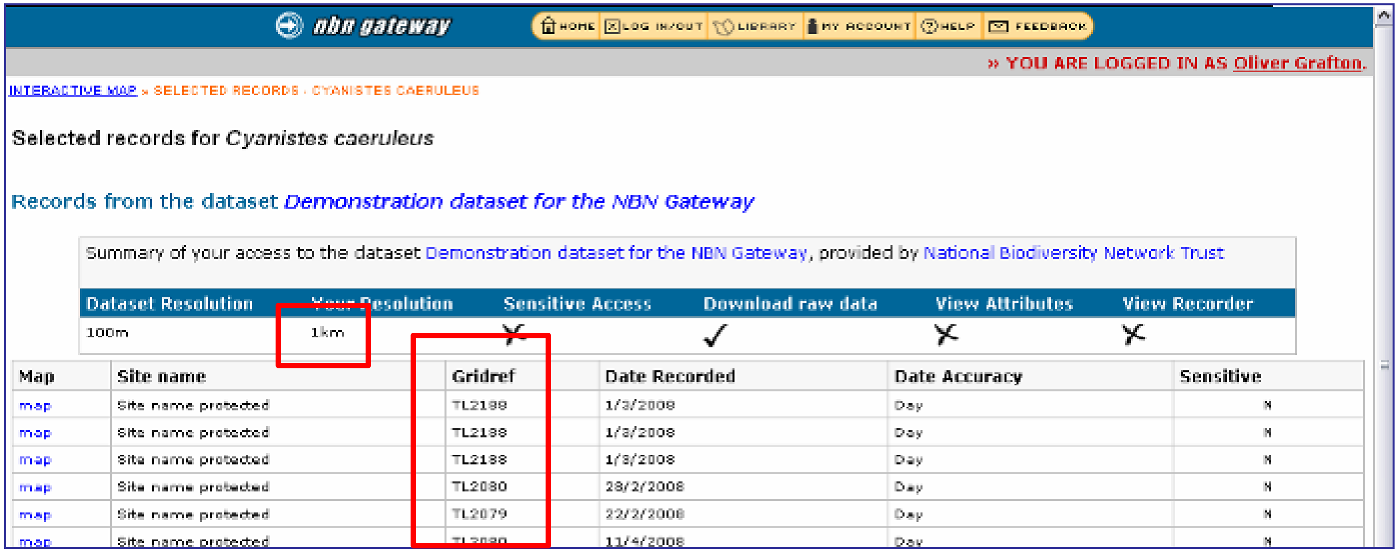
Access Control Examples

Control Setting 1.3:

Resolution=1km


Stilton
Holme
Ramsey
Sawtry
Warboys
Alconbury
Little Stukeley
HUNTINGDON
Brampton
GODMANCHESTER
ST IVES
A14
A141
A1


nbn gateway
HOME
LOG IN/OUT
LIBRARY
MY ACCOUNT
HELP
FEEDBACK

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INTERACTIVE MAP » SELECTED RECORDS - CYANISTES CAERULEUS

Selected records for *Cyanistes caeruleus*

Records from the dataset *Demonstration dataset for the NBN Gateway*

Summary of your access to the dataset Demonstration dataset for the NBN Gateway, provided by National Biodiversity Network Trust

Dataset Resolution	Your Resolution	Sensitive Access	Download raw data	View Attributes	View Recorder
100m	1km	✗	✓	✗	✗

Map	Site name	Gridref	Date Recorded	Date Accuracy	Sensitive
map	Site name protected	TL2188	1/3/2008	Day	N
map	Site name protected	TL2188	1/3/2008	Day	N
map	Site name protected	TL2188	1/3/2008	Day	N
map	Site name protected	TL2080	28/2/2008	Day	N
map	Site name protected	TL2079	22/2/2008	Day	N
map	Site name protected	TL2080	11/4/2008	Day	N

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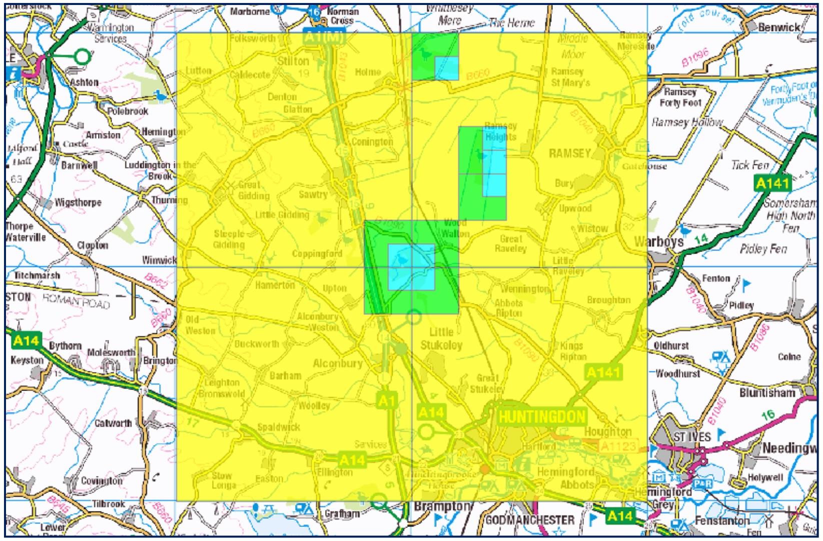
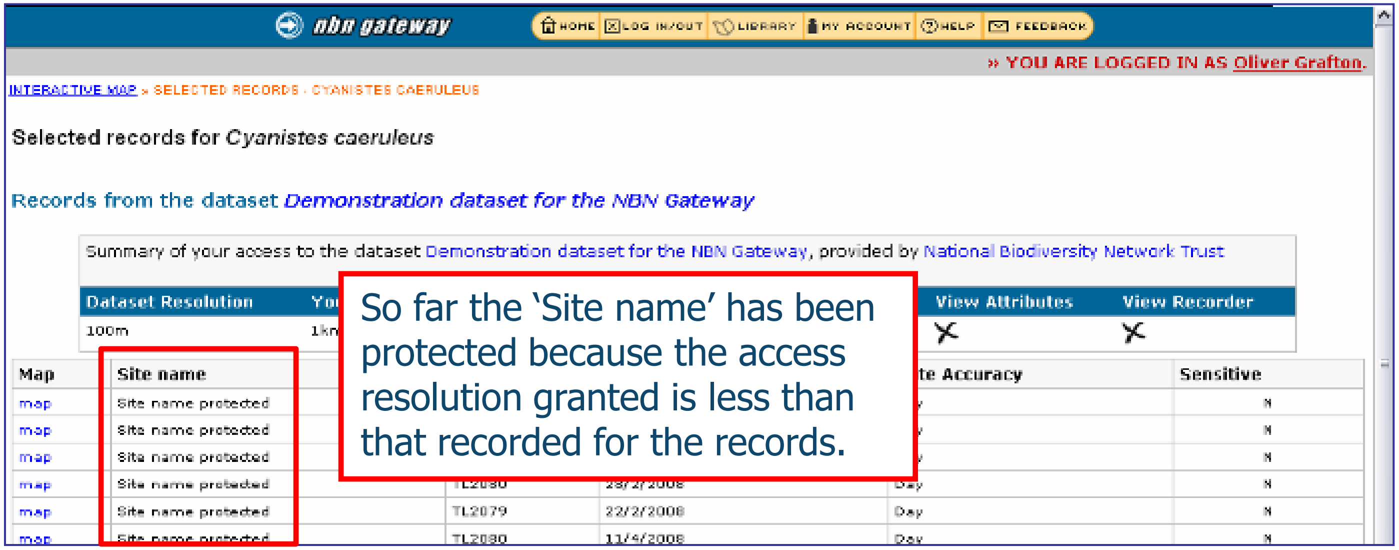
Access Control Examples

Control Setting 1.3:

Resolution= 1km





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INTERACTIVE MAP » SELECTED RECORDS - CYANISTES CAERULEUS

Selected records for *Cyanistes caeruleus*

Records from the dataset *Demonstration dataset for the NBN Gateway*

Summary of your access to the dataset Demonstration dataset for the NBN Gateway, provided by National Biodiversity Network Trust

Dataset Resolution	Yo	View Attributes	View Recorder
100m	1km	✗	✗

Map	Site name				te Accuracy	Sensitive
map	Site name protected					N
map	Site name protected					N
map	Site name protected					N
map	Site name protected		TL2080		Day	N
map	Site name protected		TL2079	22/2/2008	Day	N
map	Site name protected		TL2080	11/4/2008	Day	N

So far the ‘Site name’ has been protected because the access resolution granted is less than that recorded for the records.

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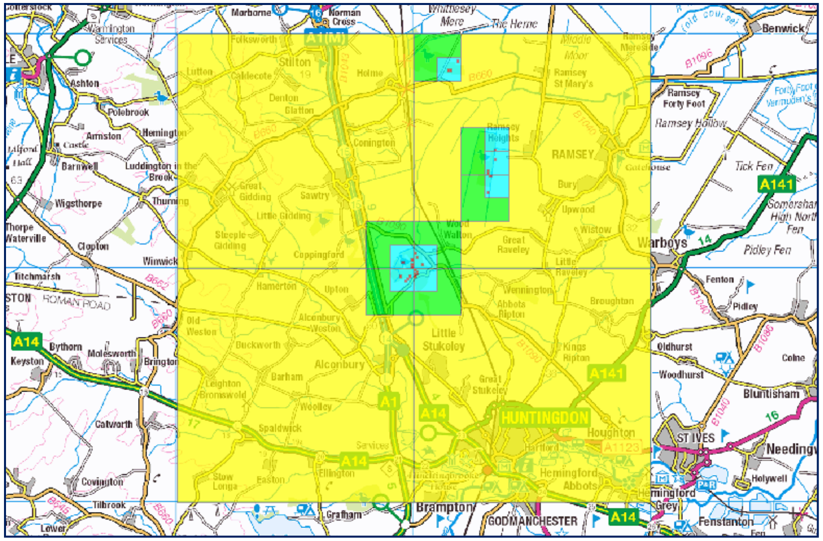
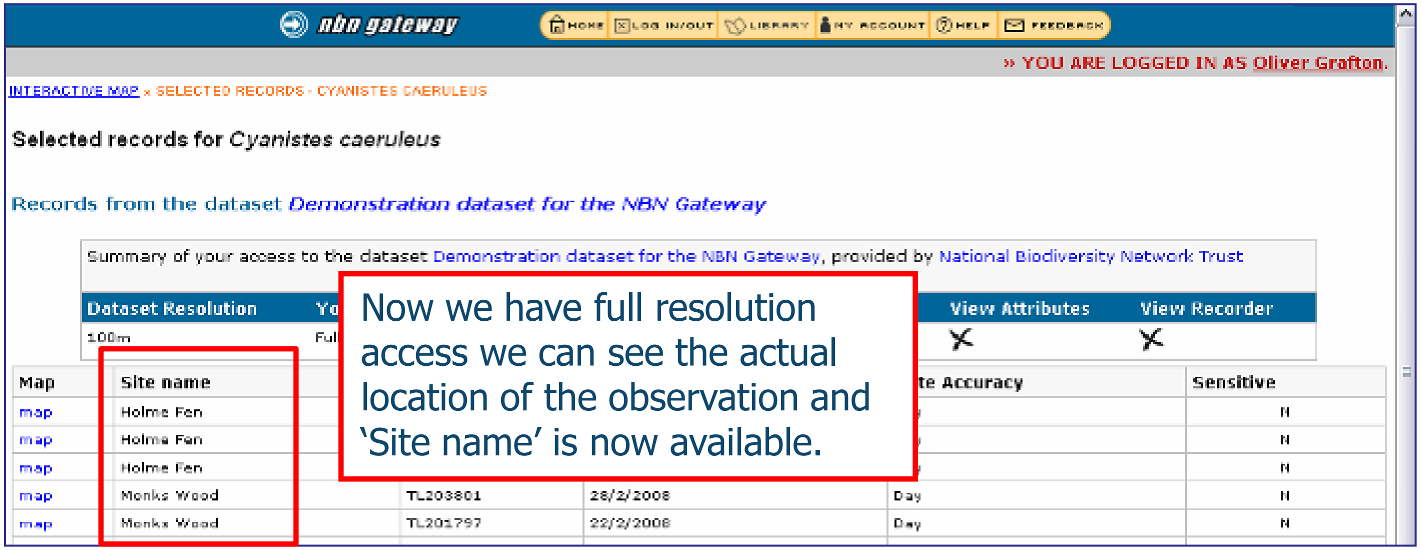
Access Control Examples

Control Setting 2:

Resolution = Full


Stilton
Holme
RAMSEY
Warboys
Sawtry
Alconbury
Little Stukeley
HUNTINGDON
GODMANCHESTER
Brampton
ST IVES
Houghton
Hemingford Abbots
A1(M)
A1
A14
A141
Oundle
Polebrook
Barnwell
Thurning
Winwick
Old Weston
Spaldwick
Ellington
Grafham
Benwick
Wistow
Broughton
Bluntisham
Needingworth
Holywell
Fenstanton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LOG IN/OUT
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INTERACTIVE MAP » SELECTED RECORDS - CYANISTES CAERULEUS

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Records from the dataset *Demonstration dataset for the NBN Gateway*

Summary of your access to the dataset Demonstration dataset for the NBN Gateway, provided by National Biodiversity Network Trust

Dataset Resolution	Yo	View Attributes	View Recorder
100m	Ful	✗	✗

Map	Site name			te Accuracy	Sensitive
map	Holme Fen				N
map	Holme Fen				N
map	Holme Fen				N
map	Monks Wood	TL203801	28/2/2008	Day	N
map	Monks Wood	TL201797	22/2/2008	Day	N

Now we have full resolution access we can see the actual location of the observation and 'Site name' is now available.

PUBLIC
ACCESS

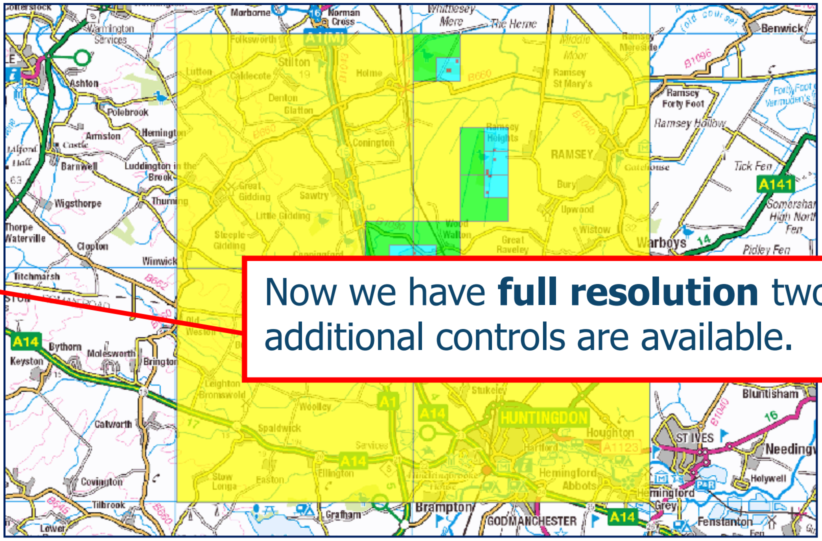
Access Control Examples

Control Setting 2.1:

Resolution= Full

Attributes= No

Recorder = No


Stilton
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RAMSEY
Sawtry
Warboys
HUNTINGDON
Houghton
Hemingford Abbots
ST IVES
Godmanchester
Brampton
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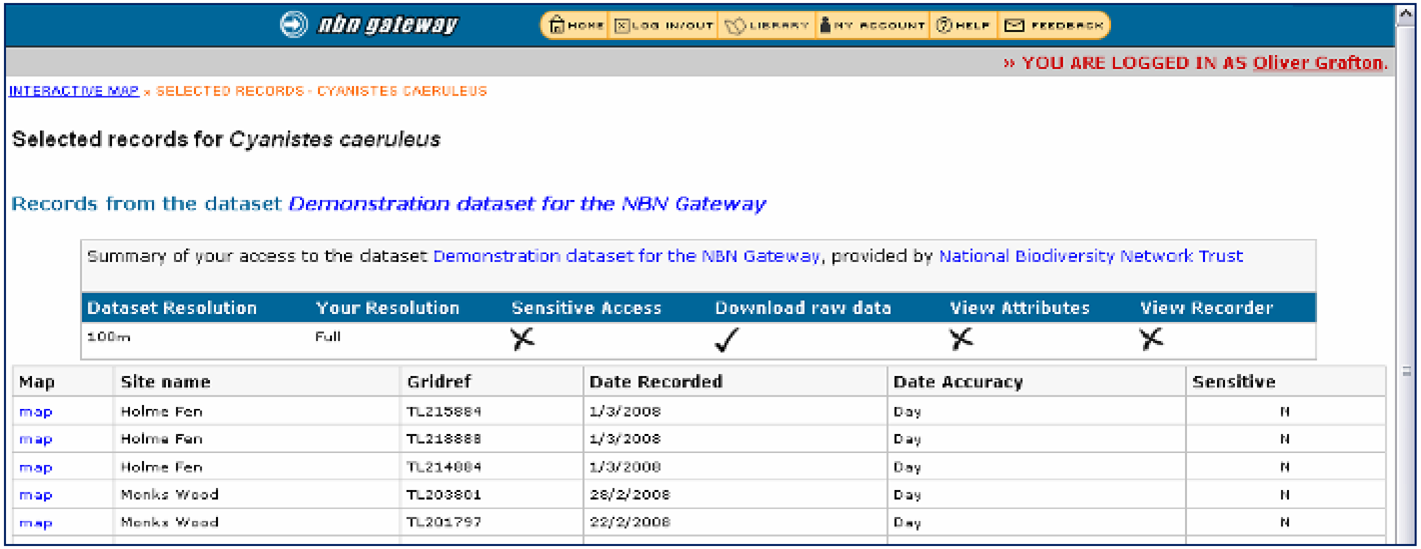
Now we have **full resolution** two additional controls are available.


nbn gateway
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Dataset Resolution	Your Resolution	Sensitive Access	Download raw data	View Attributes	View Recorder
100m	Full	✗	✓	✗	✗

Map	Site name	Gridref	Date Recorded	Date Accuracy	Sensitive
map	Holme Fen	TL215884	1/3/2008	Day	N
map	Holme Fen	TL218888	1/3/2008	Day	N
map	Holme Fen	TL214884	1/3/2008	Day	N
map	Monks Wood	TL203801	28/2/2008	Day	N
map	Monks Wood	TL201797	22/2/2008	Day	N

PUBLIC ACCESS

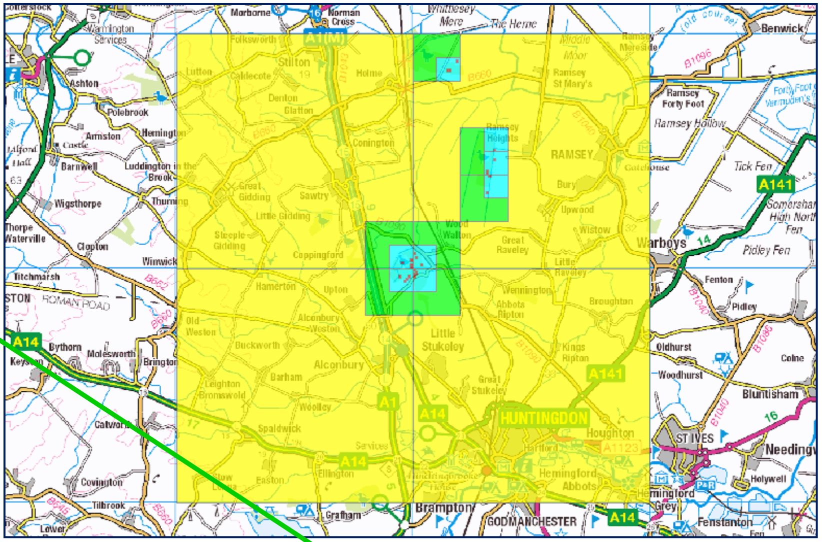
Access Control Examples

Control Setting 2.2:

Resolution= Full

Attributes= Yes

Recorder = No


HUNTINGDON
RAMSEY
Warboys
ST IVES
GODMANCHESTER
Brampton
Stilton
Sawtry
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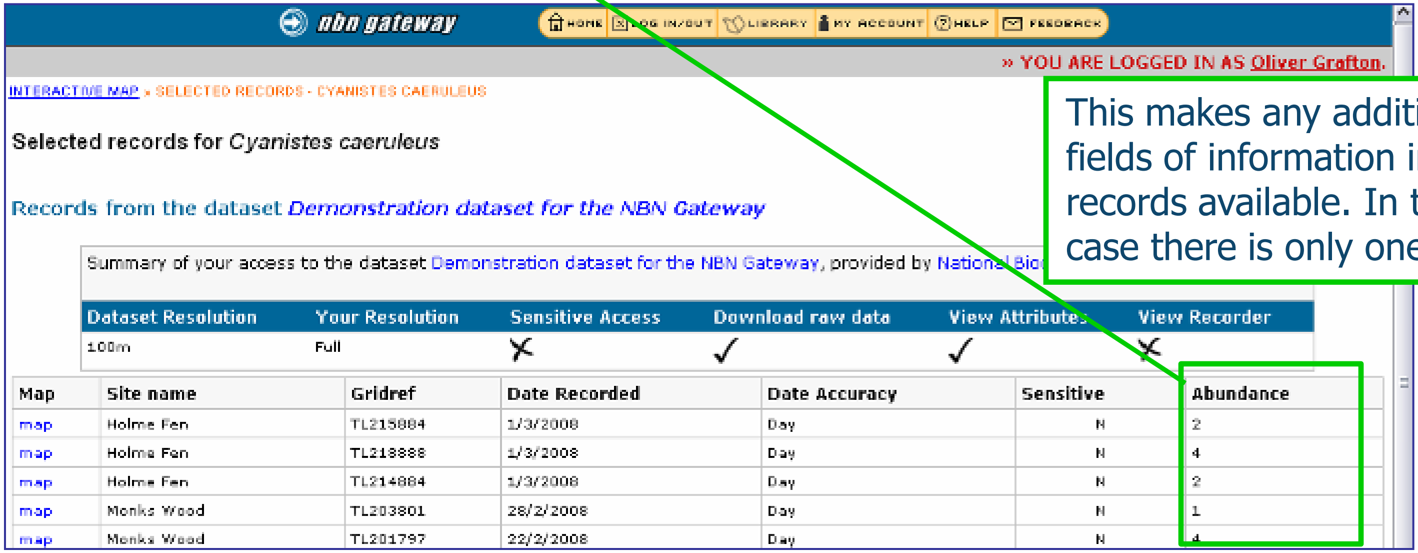
Hemingford Abbots
Houghton
Bluntisham
Needingworth
Fenstanton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INTERACTIVE MAP » SELECTED RECORDS - CYANISTES CAERULEUS

Selected records for *Cyanistes caeruleus*

Records from the dataset *Demonstration dataset for the NBN Gateway*

Summary of your access to the dataset Demonstration dataset for the NBN Gateway, provided by National Bio

Dataset Resolution	Your Resolution	Sensitive Access	Download raw data	View Attributes	View Recorder
100m	Full	✗	✓	✓	✗

Map	Site name	Gridref	Date Recorded	Date Accuracy	Sensitive	Abundance
map	Holme Fen	TL215884	1/3/2008	Day	N	2
map	Holme Fen	TL218888	1/3/2008	Day	N	4
map	Holme Fen	TL214884	1/3/2008	Day	N	2
map	Monks Wood	TL203801	28/2/2008	Day	N	1
map	Monks Wood	TL201797	22/2/2008	Day	N	4

This makes any additional fields of information in the records available. In this case there is only one.

PUBLIC ACCESS

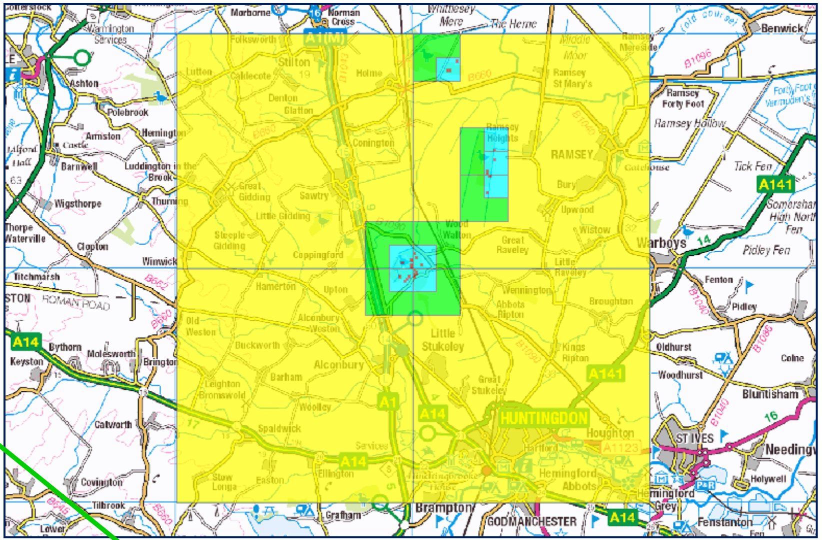
Access Control Examples

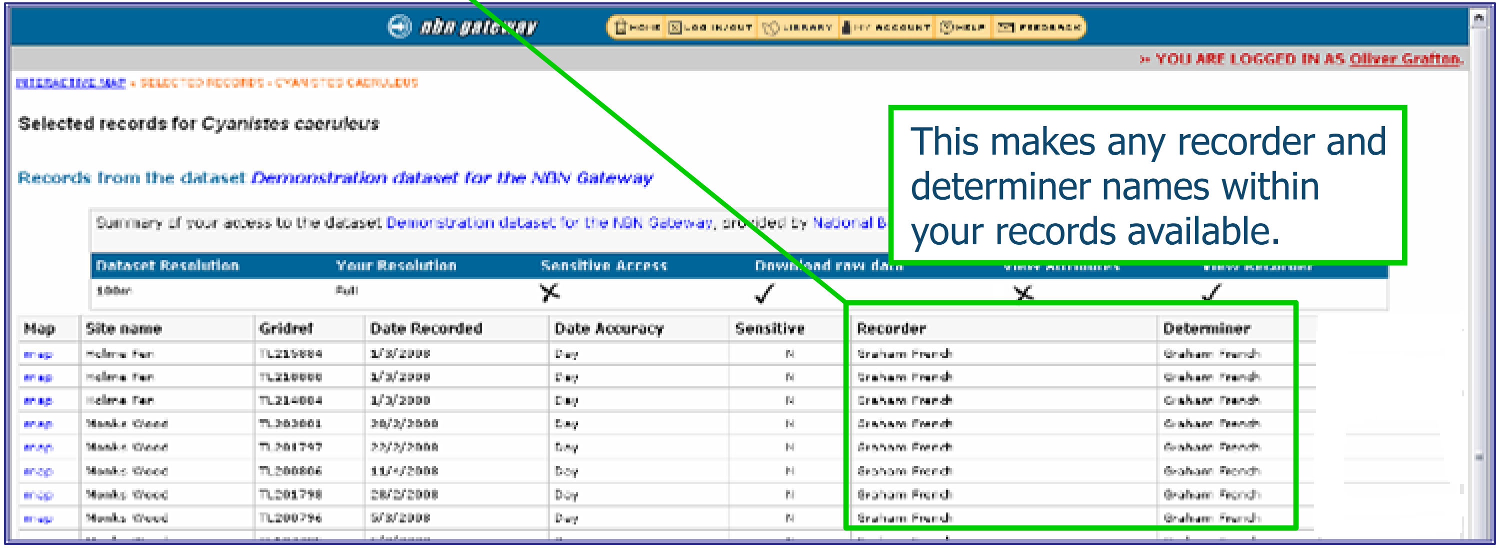
Control Setting 2.3:

Resolution= Full

Attributes= No

Recorder = Yes





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INTERACTIVE MAP » SELECTED RECORDS » CYANISTES CAERULEUS

Selected records for Cyanistes caeruleus

Records from the dataset *Demonstration dataset for the NBN Gateway*

Summary of your access to the dataset Demonstration dataset for the NBN Gateway, provided by National B

Dataset Resolution	Your Resolution	Sensitive Access	Download raw data	View Attributes	View Recorder
100m	Full	✗	✓	✗	✓

Map	Site name	Gridref	Date Recorded	Date Accuracy	Sensitive	Recorder	Determiner
map	Holme Fen	TL215884	1/3/2008	Day	N	Graham French	Graham French
map	Holme Fen	TL210880	1/3/2008	Day	N	Graham French	Graham French
map	Holme Fen	TL214884	1/3/2008	Day	N	Graham French	Graham French
map	Monks Wood	TL203881	30/3/2008	Day	N	Graham French	Graham French
map	Monks Wood	TL201797	22/2/2008	Day	N	Graham French	Graham French
map	Monks Wood	TL200806	11/4/2008	Day	N	Graham French	Graham French
map	Monks Wood	TL201798	28/2/2008	Day	N	Graham French	Graham French
map	Monks Wood	TL200796	5/3/2008	Day	N	Graham French	Graham French

This makes any recorder and determiner names within your records available.

PUBLIC ACCESS

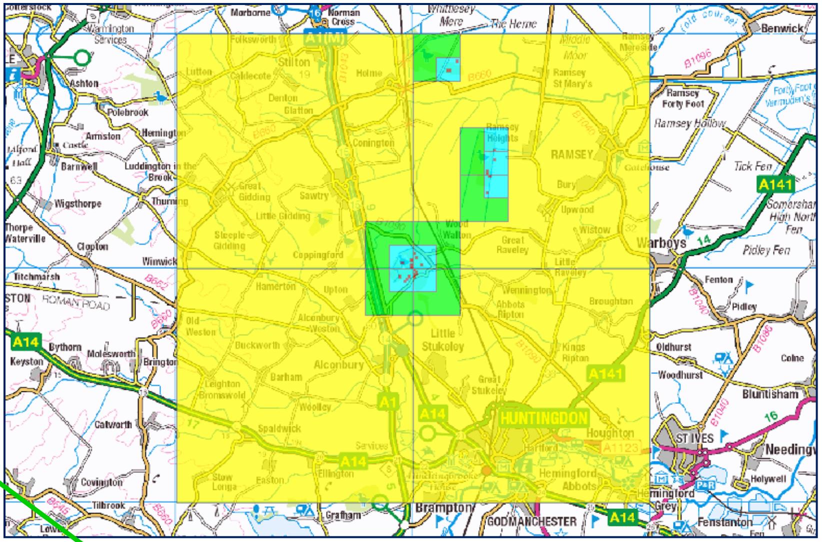
Access Control Examples

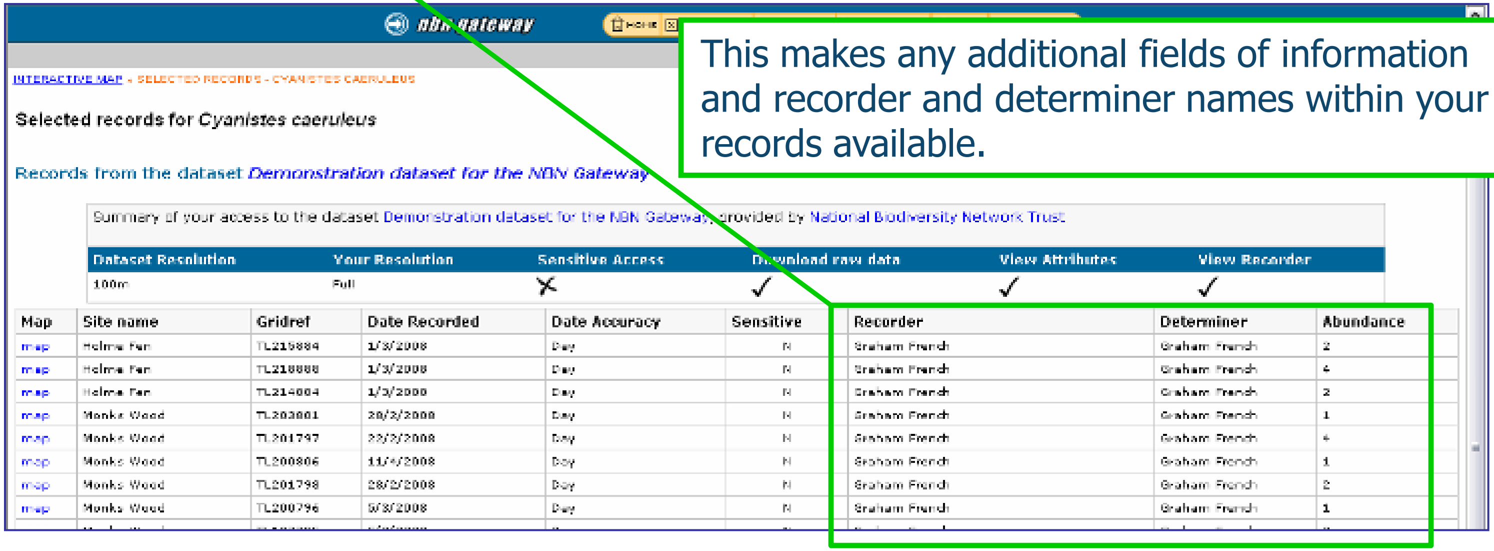
Control Setting 2.4:

Resolution= Full

Attributes = Yes

Recorder = Yes





INTERACTIVE MAP » SELECTED RECORDS - CYANISTES CAERULEUS

Selected records for *Cyanistes caeruleus*

Records from the dataset *Demonstration dataset for the NBN Gateway*

Summary of your access to the dataset Demonstration dataset for the NBN Gateway, provided by National Biodiversity Network Trust

Dataset Resolution	Your Resolution	Sensitive Access	Download raw data	View Attributes	View Recorder
100m	Full	✗	✓	✓	✓

Map	Site name	Gridref	Date Recorded	Date Accuracy	Sensitive	Recorder	Determiner	Abundance
map	Holme Fen	TL215884	1/3/2008	Day	N	Graham French	Graham French	2
map	Holme Fen	TL218888	1/3/2008	Day	N	Graham French	Graham French	4
map	Holme Fen	TL214884	1/3/2008	Day	N	Graham French	Graham French	2
map	Monks Wood	TL203801	28/2/2008	Day	N	Graham French	Graham French	1
map	Monks Wood	TL201797	22/2/2008	Day	N	Graham French	Graham French	4
map	Monks Wood	TL200806	11/4/2008	Day	N	Graham French	Graham French	1
map	Monks Wood	TL201798	28/2/2008	Day	N	Graham French	Graham French	2
map	Monks Wood	TL200796	5/3/2008	Day	N	Graham French	Graham French	1

This makes any additional fields of information and recorder and determiner names within your records available.

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ACCESS

Access Control Examples

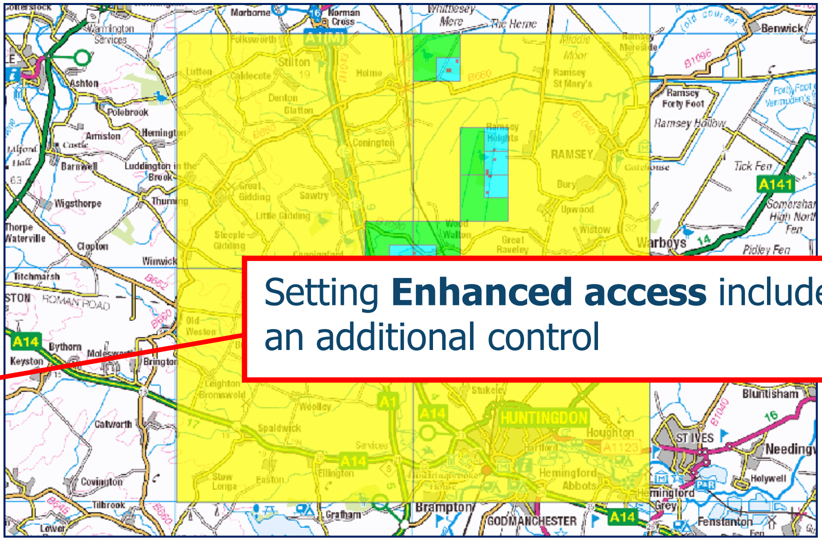
Control Setting 2.4:

Resolution= Full

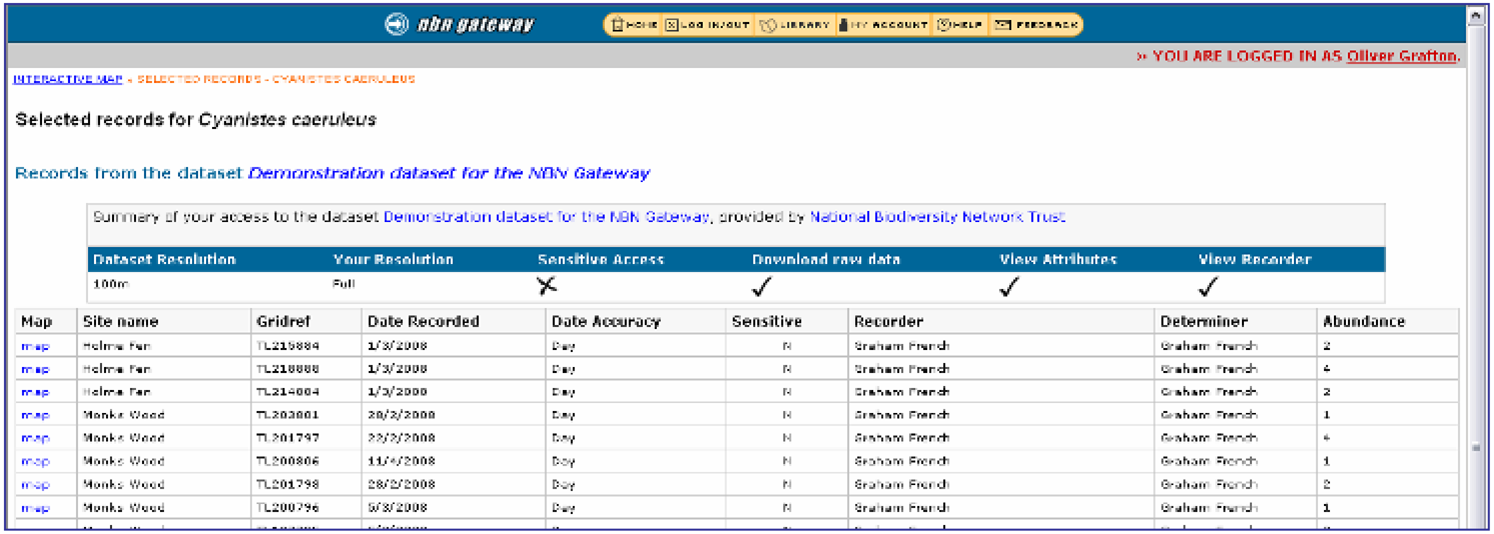
Attributes= Yes

Recorder = Yes

Sensitive = No


Stilton
Holme
Ramsey
Ramsey St Mary's
Ramsey Heights
Conington
Sawtry
Warboys
Benwick
Bluntisham
St Ives
Needingworth
Huntingdon
Godmanchester
Brampton
Fenstanton
A14
A141
A1(M)

Setting **Enhanced access** includes an additional control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Dataset Resolution	Your Resolution	Sensitive Access	Download raw data	View Attributes	View Recorder
100m	Full	✗	✓	✓	✓

Map	Site name	Gridref	Date Recorded	Date Accuracy	Sensitive	Recorder	Determiner	Abundance
map	Holme Fen	TL215884	1/3/2008	Day	N	Graham French	Graham French	2
map	Holme Fen	TL218888	1/3/2008	Day	N	Graham French	Graham French	4
map	Holme Fen	TL214884	1/3/2008	Day	N	Graham French	Graham French	2
map	Monks Wood	TL203881	20/2/2008	Day	N	Graham French	Graham French	1
map	Monks Wood	TL201797	22/2/2008	Day	N	Graham French	Graham French	4
map	Monks Wood	TL200806	11/4/2008	Day	N	Graham French	Graham French	1
map	Monks Wood	TL201798	28/2/2008	Day	N	Graham French	Graham French	2
map	Monks Wood	TL200796	5/3/2008	Day	N	Graham French	Graham French	1

ENHANCED ACCESS

Access Control Examples

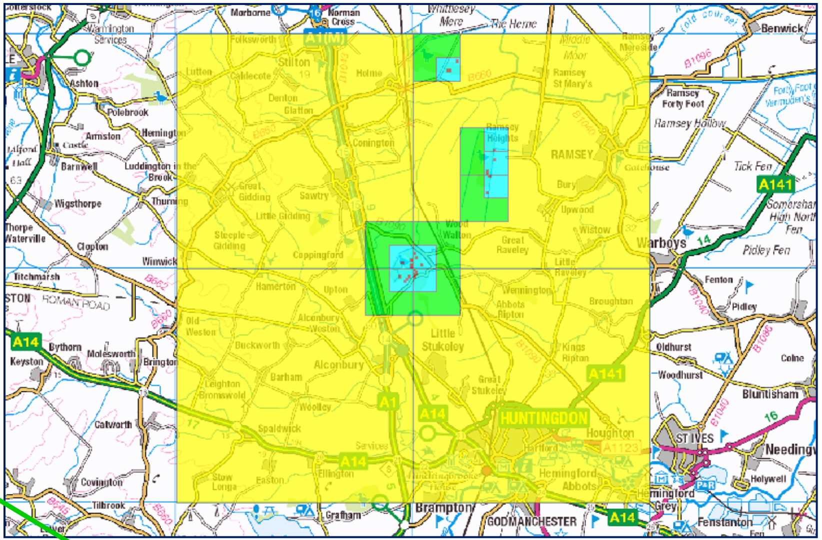
Control Setting 3:

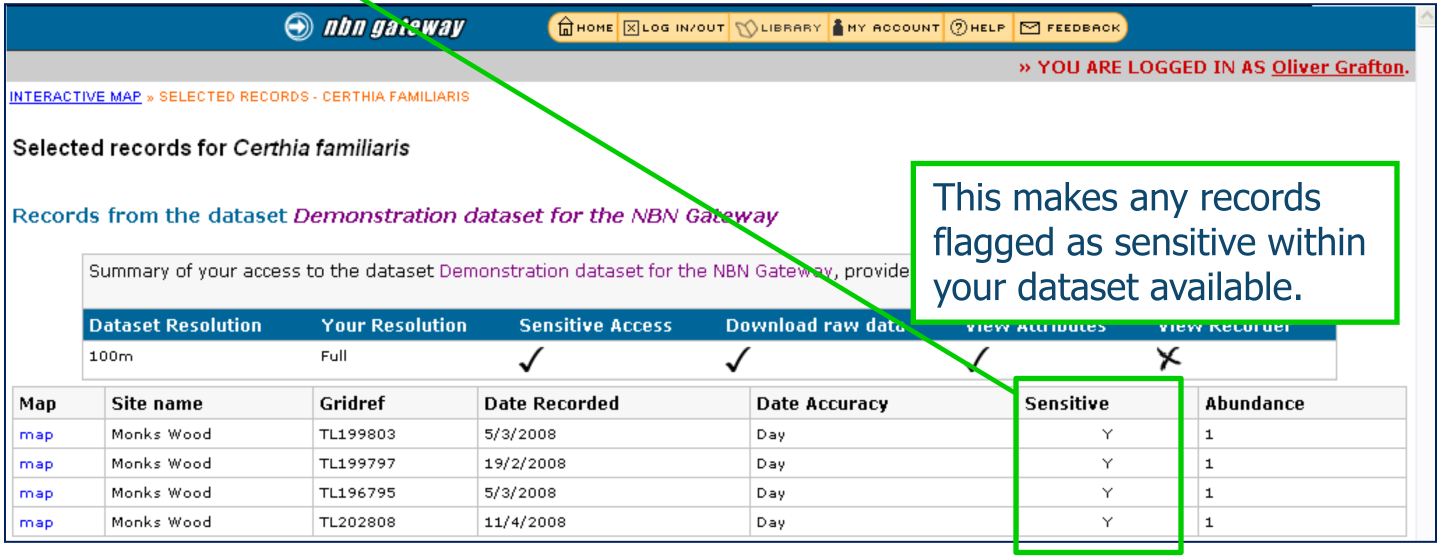
Resolution= Full

Attributes= Yes

Recorder = Yes

Sensitive = Yes





» YOU ARE LOGGED IN AS Oliver Grafton.

INTERACTIVE MAP » SELECTED RECORDS - CERTHIA FAMILIARIS

Selected records for *Certhia familiaris*

Records from the dataset *Demonstration dataset for the NBN Gateway*

Summary of your access to the dataset Demonstration dataset for the NBN Gateway, provide

Dataset Resolution	Your Resolution	Sensitive Access	Download raw data	View Attributes	View Recorder
100m	Full	✓	✓	✓	✗

Map	Site name	Gridref	Date Recorded	Date Accuracy	Sensitive	Abundance
map	Monks Wood	TL199803	5/3/2008	Day	Y	1
map	Monks Wood	TL199797	19/2/2008	Day	Y	1
map	Monks Wood	TL196795	5/3/2008	Day	Y	1
map	Monks Wood	TL202808	11/4/2008	Day	Y	1

This makes any records flagged as sensitive within your dataset available.

NBN Gateway Access Controls

A Guide to Administering Species Datasets is available from the NBN Trust website:

www.nbn.org.uk

This guides you through the online tools available including those for setting dataset access.

If you have any questions or would like help in managing access to the data you manage please contact the NBN Data Access Officer.