

**European Environment Agency  
European Topic Centre on Biological Diversity**



**European Common Database on Nationally  
Designated Areas - ECDDA-National**

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**Report on technical validation analysis of National Database**

**Belgium**

**version. 2 - September 2007**

# 1 Introduction

This report shows results of EEA automated validation procedures run on the national CDDA data after the initial merge into the European dataset (ECDDA)

Report is divided in two main parts. Main statistics chapter shows overall summary of content of data tables. Data analysis contains results of individual validation procedures and has three sections, one for each data table. At the beginning of each of the section is a summary showing the most important findings for each field of the respective table. It shows also order number of individual test where more detailed information about the finding can be found. Findings which are pointing to some gap, error or discrepancy are highlighted.

You can navigate through the report by bookmarks you can see on the left side of this PDF document

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*Tip:*

*Use the table summary as a starting point. Here you can quickly see what is wrong with your national database (highlighted comments). Then use the bookmarks to jump directly on the detailed test result and check it.*

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Each result is marked according its relevance to data quality and correction urgency. There are 3 types of marks:

- i** Result is informative. It doesn't require any necessary or immediate action to improve data quality.
- ?** Data contained or quantified in the result may or may not require some actions with respect to their quality. More detailed information in the description of the result will help to decide which data are erroneous.
- !** Result contains or quantifies erroneous data which have to be corrected. The error usually violates some of the logical rules related to particular data.
- i ? !** Marks have green color if no records were detected in the test. As they wouldn't have much sense, detailed descriptions of such tests are also not displayed.

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*Tip:*

*At first you should put focus on red ! results. Second important are violet ? results where some of fields in table are highlighted with red color. Blue i results are just for information. And green marked results need no action on your part.*

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At the beginning of each result the number of detected records is shown and if it is possible and useful the percentage of total number of records is also shown. The validation result itself can be presented in few different ways.

1. Tabular result contains most information. Some fields in the table may be highlighted. What the highlighting means is explained in the legend above the table.
2. Condensed list is shown for results where the amount of detected records is so large that the detailed tabular presentation would not be practical. Some of the condensed lists are accompanied with short summary of main facts and findings.
3. A summary alone is provided in the few cases where the amount of records detected by a test is so huge that not even the condensed list would be useful (i.e. more than 3,000 cases).

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## i 3 Main statistics

This test is comparing record numbers per table as coming from dataset prepared to be updated at national level and updated dataset delivered by country.

Records marked to be deleted are not counted into that comparison!

### Legend - highlightings of result table fields

Number of records in new dataset   Decrease

  Increase

value No record

Number of data tables: 3

| Table        | Number of records in |             |
|--------------|----------------------|-------------|
|              | old dataset          | new dataset |
| designations | 16                   | 16          |
| sites        | 1602                 | 1609        |
| sitehabitats | 0                    | 0           |

### 3.1 Field completeness

This test is comparing field completeness (counting not empty cells in tables) per table as coming from dataset prepared to be updated at national level and updated dataset delivered by country.

General formatting note:

Records marked to be deleted are not counted into that comparison.

### Legend - highlightings of result table fields

Records filled in new   Decrease

  Increase

value No value in mandatory fields

Completeness in new   Decrease

  Increase

value Impossible to calculate (dividing by 0). Table contains no records!

#### i 3.1.1 Designations table

Number of columns: 16

| Field        | records filled in old | records filled in new | completeness (%) in old | completeness (%) in new |
|--------------|-----------------------|-----------------------|-------------------------|-------------------------|
| ISO3         | 16                    | 16                    | 100.00                  | 100.00                  |
| DESIG_ABBR   | 16                    | 16                    | 100.00                  | 100.00                  |
| Category     | 14                    | 13                    | 87.50                   | 81.25                   |
| ODESIGNATE   | 16                    | 16                    | 100.00                  | 100.00                  |
| DESIGNATE    | 13                    | 14                    | 81.25                   | 87.50                   |
| Title_French | 15                    | 16                    | 93.75                   | 100.00                  |
| CDDA_sites   | 15                    | 16                    | 93.75                   | 100.00                  |
| Law          | 7                     | 4                     | 43.75                   | 25.00                   |
| Lawreference | 7                     | 4                     | 43.75                   | 25.00                   |
| Agency       | 4                     | 4                     | 25.00                   | 25.00                   |
| Number       | 11                    | 4                     | 68.75                   | 25.00                   |

| Field          | records filled in old | records filled in new | completeness (%) in old | completeness (%) in new |
|----------------|-----------------------|-----------------------|-------------------------|-------------------------|
| Total_Area     | 11                    | 3                     | 68.75                   | 18.75                   |
| Data_Source    | 4                     | 4                     | 25.00                   | 25.00                   |
| Reference_date | 4                     | 4                     | 25.00                   | 25.00                   |
| Remark         | 0                     | 0                     | 0.00                    | 0.00                    |
| Remark_Source  | 0                     | 0                     | 0.00                    | 0.00                    |

### **i** 3.1.2 Sites table

Number of columns: 18

| Field            | records filled in old | records filled in new | completeness (%) in old | completeness (%) in new |
|------------------|-----------------------|-----------------------|-------------------------|-------------------------|
| SITE_CODE        | 1602                  | 1601                  | 100.00                  | 99.50                   |
| SITE_CODE_NAT    | 1466                  | 1473                  | 91.51                   | 91.55                   |
| ISO3             | 1602                  | 1609                  | 100.00                  | 100.00                  |
| DESIG_ABBR       | 1602                  | 1609                  | 100.00                  | 100.00                  |
| AREANAME         | 1602                  | 1609                  | 100.00                  | 100.00                  |
| SIZE             | 1602                  | 1609                  | 100.00                  | 100.00                  |
| IUCNCAT          | 397                   | 404                   | 24.78                   | 25.11                   |
| NUTS             | 379                   | 386                   | 23.66                   | 23.99                   |
| YEAR             | 1123                  | 1130                  | 70.10                   | 70.23                   |
| ALTITUDE_MIN     | 4                     | 4                     | 0.25                    | 0.25                    |
| ALTITUDE_MAX     | 3                     | 3                     | 0.19                    | 0.19                    |
| LAT              | 411                   | 411                   | 25.66                   | 25.54                   |
| LON              | 411                   | 411                   | 25.66                   | 25.54                   |
| EIONET_CHNG_DATE | 1519                  | 1526                  | 94.82                   | 94.84                   |
| EIONET_CHNG_TYPE | 1500                  | 1153                  | 93.63                   | 71.66                   |
| EIONET_EDITED_BY | 1519                  | 1526                  | 94.82                   | 94.84                   |
| EIONET_INSTITUTE | 1519                  | 1526                  | 94.82                   | 94.84                   |
| NOTES            | 64                    | 0                     | 4.00                    | 0.00                    |

### **i** 3.1.3 Sitehabitats table

Number of columns: 3

| Field     | records filled in old | records filled in new | completeness (%) in old | completeness (%) in new |
|-----------|-----------------------|-----------------------|-------------------------|-------------------------|
| SITE_CODE | 0                     | 0                     | N/A                     | N/A                     |
| EUNIS_Hab | 0                     | 0                     | N/A                     | N/A                     |
| Cover     | 0                     | 0                     | N/A                     | N/A                     |

## 4 Analysis of data

### 4.1 Designations table

Following tests are performed with full designation table as it was updated at national level and meaning of tests is to validate data at technical point of view as well as give basic statistics.

Records marked to be deleted are also included in the test results. They are written in gray italic font to recognize them.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/dstable.jsp?mode=view&table\\_id=3898](http://dd.eionet.europa.eu/dstable.jsp?mode=view&table_id=3898)

#### Summary of the test results

Following table shows overall comments for individual fields of the table. It is a summary aggregated from detailed results.

Designations marked to be deleted are not counted in the summary with exceptions of fields where such records are subjects of the test.

Comments in bold font shows errors or other discrepancies in data.

Column "Detailed test" shows numeric code of particular test where the information shown in table was extracted from. You may check that test result if more details are required.

| Field                | Comment  | Detailed test |
|----------------------|--|---------------|
| ISO3                 | Filled correctly   | 4.1.06        |
| DESIG_ABBR           | 1 new designation (BE98)   | 4.1.01        |
|                      | <b>1 designation (BE16) deleted without marking it to be deleted!</b>  | 4.1.02        |
|                      | No designations marked to be deleted.  | 4.1.03        |
|                      | All designations have designation code   | 4.1.07        |
| Category             | <b>1 designation (BE98) has missing "Category" code!</b>   | 4.1.11        |
| ODESIGNATE           | Filled correctly   | 4.1.15        |
| DESIGNATE            | <b>2 designations have missing English name!</b>   | 4.1.15        |
| Title_French         | Filled correctly   |               |
| CDDA_sites           | <b>6 designations have "CDDA_sites" changed (from "YES" to "NO"). Explanantion in "Remark" is missing for all of them! Check whether it is not an error!</b>   | 4.1.16        |
|                      | <b>12 designations are marked not creating sites ("Total_Area_reference" is missing for all of them). Explanantion in "Remark" is missing for all of them! Check whether it is not an error! 6 designations still have valid sites in Sites table!</b> | 4.1.17        |
| Law                  | <b>8 designations have missing "Law"!</b>  | 4.1.18        |
| Lawreference         | <b>8 designations have missing "Lawreference"!</b>   | 4.1.18        |
| Agency               | <b>10 designations have missing "Agency"!</b>  | 4.1.19        |
| Number, Total_Area   | The values were changed for some designations (10)! Do not edit or enter anything to those fields, those values will be calculated from sites table during update of European database tables!   | 4.1.20        |
| Number_reference     | <b>1 designation (BE14) has "Number_reference" changed. "Data_Source" was not changed!</b>   | 4.1.21        |
|                      | 4 designations have "Number_reference" filled.   | 4.1.23        |
| Total_Area_reference | 3 designations have "Total_Area_reference" filled.   | 4.1.23        |
| Data_Source          | 4 designations have "Data_Source" filled.  | 4.1.23        |
| Reference_date       | 4 designations have "Reference_date" filled.   | 4.1.23        |
| Remark               | Field is empty for all records. Check also other field comments whether some explanations are not missing here.  | 4.1.24        |
| Remark_Source        | Field is empty for all records   | 4.1.24        |
| To_be_deleted        | No designation marked to be deleted  | 4.1.03        |

**i 4.1.01 New designations**

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=26791](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=26791)Number of new records in the designations table: **1**

| ISO3 | DESIG ABBR | Category | ODESIGNATE               | DESIGNATE | Number of sites |
|------|------------|----------|--------------------------|-----------|-----------------|
| BEL  | BE98       |          | Groene zone - Zone verte | Greenbelt | 0               |
|      |            |          |                          |           | <b>0</b>        |

**! 4.1.02 Designations deleted without marking them to be deleted**

Any record detected by current test is an error at technical point of view, because no any records should be actually deleted during update of data, but instead of that they should be marked "Yes" at "to be deleted" field of same table. Reason why is that all records have unique international code attached and it should be archived even when record will be deleted from database.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=19299](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=19299)Number of detected records: **1**

| ISO3 | DESIG ABBR | Category | ODESIGNATE | DESIGNATE | Number of sites |
|------|------------|----------|------------|-----------|-----------------|
| BEL  | BE16       | B        | VEN        |           | 231             |
|      |            |          |            |           | <b>231</b>      |

**? 4.1.03 Designations marked to be deleted**Number of detected records: **0****i 4.1.04 Comparison of number of sites and total area of individual designations between old and new datasets**

That test is comparing number and total area of sites as it is coming from sites table as well as from boundary files of previous and current update of data and is presenting result per designation.

**Legend - highlightings of result table fields**Number of sites in new dataset  Decrease IncreaseNumber of sites in GIS  Some sites from new dataset are missing in boundary dataTotal area in new dataset  Decrease IncreaseTotal area in GIS  Difference between total site size in new dataset and boundary data is greater than 5%Number of detected records: **17**

| ISO3 | DESIG ABBR | Number of sites in |             |     | Total area (ha) in |             |     |
|------|------------|--------------------|-------------|-----|--------------------|-------------|-----|
|      |            | old dataset        | new dataset | GIS | old dataset        | new dataset | GIS |
| BEL  | BE00       | 0                  | 0           | 0   | 0                  | 0           |     |
| BEL  | BE01       | 131                | 131         | 0   | 6996.17            | 6996.17     |     |
| BEL  | BE02       | 451                | 452         | 0   | 12789.85           | 12832.85    |     |



| ISO3 | DESIG<br>ABBR | Number of sites in |                |          | Total area (ha) in |              |     |
|------|---------------|--------------------|----------------|----------|--------------------|--------------|-----|
|      |               | old<br>dataset     | new<br>dataset | GIS      | old dataset        | new dataset  | GIS |
| BEL  | BE03          | 51                 | 51             | 0        | 2107.71            | 2107.71      |     |
| BEL  | BE04          | 12                 | 12             | 0        | 547                | 547          |     |
| BEL  | BE05          | 0                  | 0              | 0        | 0                  | 0            |     |
| BEL  | BE06          | 10                 | 10             | 0        | 273.48             | 273.48       |     |
| BEL  | BE07          | 75                 | 75             | 0        | 5480.98            | 5480.98      |     |
| BEL  | BE11          | 104                | 104            | 0        | 1105.41            | 1105.41      |     |
| BEL  | BE12          | 0                  | 0              | 0        | 0                  | 0            |     |
| BEL  | BE13          | 359                | 359            | 0        | 22123.4            | 22123.4      |     |
| BEL  | BE14          | 106                | 112            | 0        | 1108               | 1141         |     |
| BEL  | BE15          | 0                  | 0              | 0        | 0                  | 0            |     |
| BEL  | BE16          | 231                | N/A            | 0        | 87952.79           | N/A          |     |
| BEL  | BE21          | 72                 | 72             | 0        | 3112               | 3112         |     |
| BEL  | BE98          | N/A                | 0              | 0        | N/A                | 0            |     |
| BEL  | BE99          | 0                  | 0              | 0        | 0                  | 0            |     |
|      |               | <b>1602</b>        | <b>1378</b>    | <b>0</b> | <b>143596.79</b>   | <b>55720</b> |     |

#### ? 4.1.05 Designations not present in "SITES" table

That test is listing designations that do not have any site data reported in sites table. It shows designations having "CDDA\_Sites" field marked both "Yes" and "No". Also "Remark" field entry is given to check if there is any reason explained especially for those marked "Yes" (they will create sites, but the data are just not there for some reason).

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=21601](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=21601)

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=26791](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=26791)

#### Legend - highlightings of result table fields

Remark   Explanation is missing why designations marked as creating sites, do not have any sites in Sites table!

Number of detected records: **9**

| ISO3 | DESIG<br>ABBR | Category | ODESIGNATE   | DESIGNATE                | CDDA<br>sites | Remark |
|------|---------------|----------|--|--------------------------|---------------|--------|
| BEL  | BE00          |          | Geen beschermingsstatus<br>- Aucun status de<br>protection                       | No Protection Status     | False         |        |
| BEL  | BE01          | A        | Staatsnatuurreservaat -<br>Réserve naturelle<br>domaniale                        | State Nature Reserve     | True          |        |
| BEL  | BE02          | A        | Erkend natuurreservaat -<br>Réserve naturelle agréée                             | Certified Nature Reserve | True          |        |
| BEL  | BE05          | A        | Natuurpark - Parc naturel  | Nature Park              | False         |        |
| BEL  | BE12          | B        | Gerangschikt landschap -<br>Site classé  | Protected Landscape      | False         |        |
| BEL  | BE14          | B        | R/N-gebied - Zone<br>naturelle d'interêt<br>scientifique ou Réserve<br>naturelle |                          | True          |        |
| BEL  | BE15          | B        | Andere - Autres  | Others                   | False         |        |
| BEL  | BE98          |          | Groene zone - Zone verte   | Greenbelt                | False         |        |
| BEL  | BE99          |          | Andere - Autres  | Others                   | False         |        |

#### ! 4.1.06 Designations where ISO3 is empty

Number of detected records: 0

**!** 4.1.07 Designations where "DESIG\_ABBR" is empty

Number of detected records: 0

**!** 4.1.08 Designations where "DESIG\_ABBR" do not follow official naming convention

Number of detected records: 0

**!** 4.1.09 Designations where "DESIG\_ABBR" is duplicated

Number of detected records: 0

**i** 4.1.10 Designations where "Category" has been changed

Number of detected records: 0

**!** 4.1.11 Designations where "Category" is empty (numeric part of "DESIG\_ABBR" is different then "00" and "99")

If designation category is not filled, there is impossible to count sites with that category into production of indicator showing designated area per country per designation category that is very relevant in evaluation of share between direct and indirect protection of nature in Europe.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=19740](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=19740)

**Legend - highlightings of result table fields**

Category  Missing value (error)

Number of detected records: 1

| ISO3 | DESIG ABBR | Category | ODESIGNATE               | DESIGNATE | Number of sites |
|------|------------|----------|--------------------------|-----------|-----------------|
| BEL  | BE98       |          | Groene zone - Zone verte | Greenbelt | 0               |
|      |            |          |                          |           | 0               |

**!** 4.1.12 Designations where "Category" is not present in official list ("DESIG\_CATEGORIES" table)

Number of detected records: 0

**i** 4.1.13 Designations where "DESIGNATE" has been changed

Number of detected records: 0


**! 4.1.14 Designations where "DESIGNATE" is empty**

If English version of designation name is not there, but national name is there it should be explained in Remark field why. If both are missing it will be treated as error, because it will affect indicator production.



Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=22081](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=22081)

**Legend - highlightings of result table fields**

DESIGNATE  Missing value (error)

Number of detected records: **2**

| ISO3 | DESIG ABBR | Category | ODESIGNATE  | DESIGNATE  | Number of sites |
|------|------------|----------|---|--|-----------------|
| BEL  | BE13       | B        | Openbaar bos  |  | 359             |
| BEL  | BE14       | B        | R/N-gebied - Zone naturelle d'intérêt scientifique ou Réserve naturelle |  | 106             |
|      |            |          |   |  | <b>465</b>      |

**! 4.1.15 Designations where "ODESIGNATE" is empty**

Number of detected records: **0**


**i 4.1.16 Designations where "CDDA\_sites" has been changed**

Field "CDDA\_sites" is showing if a data user could expect that there will be site data of that designation in sites database or it will never be there (may be for example that designation is only stating about habitat protection where ever it appears), therefore it is very useful if all changes in that field entries will also be explained at "Remark" field.







Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=18922](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=18922)

**Legend - highlightings of result table fields**

Remark  Explanation is missing! Check also records not highlighted whether the change is properly explained!

Number of detected records: **6**

| ISO3 | DESIG ABBR | Category | DESIGNATE                        | CDDA sites |       | Remark  | Number of sites |
|------|------------|----------|----------------------------------|------------|-------|---|-----------------|
|      |            |          |                                  | old        | new   |   |                 |
| BEL  | BE03       | A        | Forest Reserve (Flanders Region) | True       | False |  | 51              |
| BEL  | BE06       | A        | Certified Forest Reserve         | True       | False |  | 10              |
| BEL  | BE07       | A        | Flemish Nature Reserve           | True       | False |  | 75              |
| BEL  | BE11       | B        | Protected Dunes                  | True       | False |  | 104             |
| BEL  | BE13       | B        |                                  | True       | False |  | 359             |
| BEL  | BE21       | C        | Private Nature Reserve           | True       | False |  | 72              |
|      |            |          |                                  |            |       |   | <b>671</b>      |




#### ? 4.1.17 Designations where "CDDA\_sites" is False (No)

When "CDDA\_sites" entry is "No", user can be sure there will not be any site with that designation in sites table, if there is it is actually an error. Also it would be very relevant if explanation why that designation is not creating any sites would be entered into "Remark" field.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=18922](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=18922)

##### Legend - highlightings of result table fields

|                      |   |  |
|----------------------|---|--|
| Total Area reference |  | Missing value (designations which are not creating sites should have this value filled)              |
| Remark               |  | Explanation is missing! Check also records not highlighted whether the reason is properly explained! |
| Number of Sites      |  | Designation marked not creating sites should not have any valid site in Sites table!                 |

Number of detected records: **12**

| ISO3 | DESIG ABBR | Category | DESIGNATE                        | CDDA sites | Total Area reference | Remark | Number of sites |
|------|------------|----------|----------------------------------|------------|----------------------|--------|-----------------|
| BEL  | BE00       |          | No Protection Status             | False      |                      |        | 0               |
| BEL  | BE03       | A        | Forest Reserve (Flanders Region) | False      |                      |        | 51              |
| BEL  | BE05       | A        | Nature Park                      | False      |                      |        | 0               |
| BEL  | BE06       | A        | Certified Forest Reserve         | False      |                      |        | 10              |
| BEL  | BE07       | A        | Flemish Nature Reserve           | False      |                      |        | 75              |
| BEL  | BE11       | B        | Protected Dunes                  | False      |                      |        | 104             |
| BEL  | BE12       | B        | Protected Landscape              | False      |                      |        | 0               |
| BEL  | BE13       | B        |                                  | False      |                      |        | 359             |
| BEL  | BE15       | B        | Others                           | False      |                      |        | 0               |
| BEL  | BE21       | C        | Private Nature Reserve           | False      |                      |        | 72              |
| BEL  | BE98       |          | Greenbelt                        | False      |                      |        | 0               |
| BEL  | BE99       |          | Others                           | False      |                      |        | 0               |
|      |            |          |                                  |            |                      |        | 671             |

#### ! 4.1.18 Designations where "Law" or "Lawreference" is empty ("Category is else then "C")

"Law" and "Lawreference" entries are very needed to ensure legal background of designation and to allow any kind of juridical comparison of national designations in Europe, therefore it is very important that those fields are filled and also direct to articles in law as well as web links to the law when it is available.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=20660](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20660)

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=18584](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=18584)

##### Legend - highlightings of result table fields

|              |   |                       |
|--------------|---|-----------------------|
| Law          |  | Missing value (error) |
| Lawreference |  | Missing value (error) |

Number of detected records: **8**

| ISO3 | DESIG ABBR | Category | DESIGNATE                        | Law | Lawreference | Number of sites |
|------|------------|----------|----------------------------------|-----|--------------|-----------------|
| BEL  | BE03       | A        | Forest Reserve (Flanders Region) |     |              | 51              |
| BEL  | BE05       | A        | Nature Park                      |     |              | 0               |
| BEL  | BE06       | A        | Certified Forest Reserve         |     |              | 10              |
| BEL  | BE07       | A        | Flemish Nature Reserve           |     |              | 75              |
| BEL  | BE11       | B        | Protected Dunes                  |     |              | 104             |

| ISO3 | DESIG ABBR | Category | DESIGNATE           | Law | Lawreference | Number of sites |
|------|------------|----------|---------------------|-----|--------------|-----------------|
| BEL  | BE12       | B        | Protected Landscape |     |              | 0               |
| BEL  | BE13       | B        |                     |     |              | 359             |
| BEL  | BE15       | B        | Others              |     |              | 0               |
|      |            |          |                     |     |              | <b>599</b>      |

#### ! 4.1.19 Designations where "Agency" is empty

"Agency" field should contain highest authority that is responsible of particular designation and also very important is that there are added contacts of that authority, preferably also web link if it is there.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=24147](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=24147)

#### Legend - highlightings of result table fields

Agency  Missing value (error)

Number of detected records: **10**

| ISO3 | DESIG ABBR | Category | ODESIGNATE  | DESIGNATE                        | Agency | Number of sites |
|------|------------|----------|---|----------------------------------|--------|-----------------|
| BEL  | BE03       | A        | Bosreservaat                                      | Forest Reserve (Flanders Region) |        | 51              |
| BEL  | BE05       | A        | Natuurpark - Parc naturel                         | Nature Park                      |        | 0               |
| BEL  | BE06       | A        | Erkend bosreservaat                               | Certified Forest Reserve         |        | 10              |
| BEL  | BE07       | A        | Vlaams natuureservaat                             | Flemish Nature Reserve           |        | 75              |
| BEL  | BE11       | B        | Beschermd duingebied                              | Protected Dunes                  |        | 104             |
| BEL  | BE12       | B        | Gerangschikt landschap - Site classé              | Protected Landscape              |        | 0               |
| BEL  | BE13       | B        | Openbaar bos                                      |                                  |        | 359             |
| BEL  | BE15       | B        | Andere - Autres                                   | Others                           |        | 0               |
| BEL  | BE21       | C        | Privaat natuureservaat - Réserve naturelle privée | Private Nature Reserve           |        | 72              |
| BEL  | BE98       |          | Groene zone - Zone verte                          | Greenbelt                        |        | 0               |
|      |            |          |   |                                  |        | <b>671</b>      |

#### ! 4.1.20 Designations where "Number" or "Total\_Area" have been changed

Entries to fields "Number" and "Total\_Area" come through queries from sites table, therefore it should be noted that no any entry is required at national level. If at national level official number and total area with same date than in previous year CDDA seem to be different, please enter those values to "Number\_Reference" and "Total\_Area\_Reference" fields with relevant "Data\_Source".

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=20496](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20496)

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=25592](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=25592)

#### Legend - highlightings of result table fields

Number new  Value was changed (error)

Total Area new  Value was changed (error)

Number of detected records: **10**

| ISO3 | DESIG ABBR | Category | DESIGNATE                        | Number |     | Total Area |      |
|------|------------|----------|----------------------------------|--------|-----|------------|------|
|      |            |          |                                  | old    | new | old        | new  |
| BEL  | BE01       | A        | State Nature Reserve             | 131    | 127 | 6996.2     | 6847 |
| BEL  | BE02       | A        | Certified Nature Reserve         | 451    | 134 | 12789.9    | 1811 |
| BEL  | BE03       | A        | Forest Reserve (Flanders Region) | 51     | 0   | 2107.7     | 0    |

| ISO3 | DESIG ABBR | Category | DESIGNATE                       | Number |     | Total Area |     |
|------|------------|----------|---------------------------------|--------|-----|------------|-----|
|      |            |          |                                 | old    | new | old        | new |
| BEL  | BE04       | A        | Forest Reserve (Wallone Region) | 12     | 12  | 547        | 548 |
| BEL  | BE06       | A        | Certified Forest Reserve        | 10     | 0   | 273.5      | 0   |
| BEL  | BE07       | A        | Flemish Nature Reserve          | 75     | 0   | 5481       | 0   |
| BEL  | BE11       | B        | Protected Dunes                 | 104    | 0   | 1105.4     | 0   |
| BEL  | BE13       | B        |                                 | 359    | 0   | 22123.4    | 0   |
| BEL  | BE14       | B        |                                 | 106    | 108 | 1108       | 0   |
| BEL  | BE21       | C        | Private Nature Reserve          | 72     | 0   | 3112       | 0   |





#### ? 4.1.21 Designations where "Number\_reference" has been changed

This test is listing designations for which there has been published an official number of sites different of what has reported to CDDA. Result of test is here to be checked at national level if entry is real or an error.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=28595](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28595)

##### Legend - highlightings of result table fields

|                    |   |                                |
|--------------------|---|--------------------------------|
| Data Source new    |  | Value was not changed, error!  |
|                    |  | Value was not changed, correct |
| Reference date new |  | Value was not changed, error!  |
|                    |  | Value was changed, correct     |

Number of detected records: 1

| ISO3 | DESIG ABBR | Number reference |     | Data Source   |               | Reference date |         |
|------|------------|------------------|-----|---------------|---------------|----------------|---------|
|      |            | old              | new | old           | new           | old            | new     |
| BEL  | BE14       | 106              | 108 | MRW-DGRNE-DNF | MRW-DGRNE-DNF | 12/2005        | 12/2006 |
|      |            | 106              | 108 |               |               |                |         |

#### ? 4.1.22 Designations where "Total\_Area\_reference" has been changed

Number of detected records: 0

#### ? 4.1.23 Designations where "Number\_reference", "Total\_Area\_reference", "Date\_Source" or "Reference\_date" is not empty

These fields should be filled only when any official national data different of CDDA update is published in between two CDDA update deliveries.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=28595](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28595)





[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=29521](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=29521)

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=19566](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=19566)

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=21868](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=21868)

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=21868](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=21868)

##### Legend - highlightings of result table fields

|                |   |   |
|----------------|---|---|
| Data Source    |  | Missing value, error!   |
|                |  | Value is not required (both Number reference and Total Area reference are empty). Check whether it is not an error! |
| Reference date |  | Missing value, error!   |
|                |  | Value is not required (Number reference, Total Area and Data Source are empty). Check whether it is not an error!   |

Number of detected records: 4

---

| ISO3 | DESIG<br>ABBR | Number<br>reference | Total Area<br>reference | Data Source   | Reference<br>date | Number<br>of sites |
|------|---------------|---------------------|-------------------------|---------------|-------------------|--------------------|
| BEL  | BE01          | 127                 | 6847                    | MRW-DGRNE-DNF | 12/2006           | 131                |
| BEL  | BE02          | 134                 | 1811                    | MRW-DGRNE-DNF | 12/2006           | 452                |
| BEL  | BE04          | 12                  | 548                     | MRW-DGRNE-DNF | 12/2006           | 12                 |
| BEL  | BE14          | 108                 |                         | MRW-DGRNE-DNF | 12/2006           | 106                |
|      |               |                     |                         |               |                   | <b>701</b>         |

**i** 4.1.24 Designations where "Remark" or "Remark\_source" is not empty

Number of detected records: 0

## 4.2 Sites table

Following tests are performed with full sites table as it was updated at national level and meaning of tests is to validate data at technical point of view as well as give basic statistics.

Records marked to be deleted are also included in the test results. They are written in gray italic font to recognize them.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/dstable.jsp?mode=view&table\\_id=3530](http://dd.eionet.europa.eu/dstable.jsp?mode=view&table_id=3530)

### Summary of the test results

Following table shows overall comments for individual fields of the table. It is a summary aggregated from detailed results.

Sites marked to be deleted are not counted in the summary with exceptions of fields where such records are subjects of the test.

Comments in bold font shows errors or other discrepancies in data.

Column "Detailed test" shows numeric code of particular test where the information shown in table was extracted from. You may check that test result if more details are required.

| Field         | Comment   | Detailed test |
|---------------|---|---------------|
| SITE_CODE     | <b>8 new sites. SITE_CODE has to be added for all of them.</b>  | 4.2.01        |
|               | <b>2 sites marked to be deleted. Explanantion in "NOTES" is missing for all of them! Check whether it is not an error!</b>  | 4.2.03        |
|               | <b>1 site code (333763) is duplicated (2 sites have this code totally)! Check detailed test result whether the error was not caused by other country.</b>   | 4.2.04        |
| SITE_CODE_NAT | 6 sites have national site codes changed  | 4.2.05        |
|               | <b>136 sites have missing national site code!</b>   | 4.2.06        |
|               | <b>11 national site codes are duplicated (23 sites have these codes totally)!</b>   | 4.2.07        |
| ISO3          | Filled correctly  | 4.2.08        |
| DESIG_ABBR    | All sites have designation code   | 4.2.10        |
|               | <b>231 sites have designation code ("BE16") which is not present in Designations table!</b>   | 4.2.11        |
| AREANAME      | All sites have area name  | 4.2.13        |
|               | 56 area names are duplicated (115 sites have these names totally).  | 4.2.14        |
| SIZE          | All sites have size   | 4.2.16        |
| IUCNCAT       | <b>1205 sites have missing IUCN category!</b>   | 4.2.19        |
| NUTS          | <b>1223 sites have missing NUTS code!</b>   | 4.2.21        |
| YEAR          | <b>479 sites have missing year!</b>   | 4.2.23        |
| ALTITUDEs     | <b>1606 sites have missing at least one of altitudes!</b>   | 4.2.25        |
| LAT, LON      | <b>1198 sites have missing coordinates!</b>   | 4.2.29        |
|               | <b>3 sites have coordinates outside of reference geographic area of the country!</b>  | 4.2.30        |
|               | 4 pairs of coordinates are duplicated (8 sites have these coordinates totally).   | 4.2.31        |
| To_be_deleted | <b>2 sites marked to be deleted. Explanantion in "NOTES" is missing for all of them!</b>  | 4.2.33        |
| EIONET fields | <b>69 sites have at least one value in record changed. All of them have EIONET_CHNG_DATE either missing or not changed! 65 of changed sites have EIONET_CHNG_TYPE either missing or containing not allowed value!</b> | 4.2.34        |
| NOTES         | No site has "NOTES" filled.   | 4.2.32        |







### i 4.2.01 New sites

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=22418](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=22418)

#### Legend - highlightings of result table fields

|           |   |  |
|-----------|---|--|
| SITE CODE |  | Missing value (will be filled on central European level)                                       |
| YEAR      |  | Detects "new" sites designated (site with year of designation >= year of the previous version) |
|           |  | Detects "old" site added (site with year of designation < year of the previous version)        |
|           |  | Field is either empty or value is suspicious low or high (see test 4.2.24 for more details)    |

Number of new records in the sites table: **8 (0.5 %)**

| SITE CODE | SITE CODE NAT | ISO3 | DESIG ABBR | AREANAME                          | SIZE      | YEAR |
|-----------|---------------|------|------------|-----------------------------------|-----------|------|
|           | W-6865        | BEL  | BE14       | Grotte de la Porte Aive           | 1         | 2006 |
|           | W-6086        | BEL  | BE14       | Etang du Casino                   | 4         | 2001 |
|           | W-6029        | BEL  | BE01       | Bois du Bouly                     | 12        | 1995 |
|           | W-6621        | BEL  | BE02       | Vallee de la Sure                 | 25        | 1991 |
|           | W-6864        | BEL  | BE14       | Grottes des Moines, du Vieux Banc | 1         | 2006 |
|           | W-6921        | BEL  | BE14       | Trou de Motroul                   | 1         | 2006 |
|           | W-6924        | BEL  | BE14       | Mares du Bois de Baudour          | 8         | 2006 |
|           | W-6934        | BEL  | BE14       | Graviere d Amay                   | 18        | 2006 |
|           |               |      |            |                                   | <b>70</b> |      |

### ! 4.2.02 Sites deleted without marking them to be deleted

Number of detected records: **0**



### ? 4.2.03 Sites marked to be deleted

All records that are not actual any more and that should be removed or archived from actual dataset should not be deleted during update, but marked "Yes" at the field "To be deleted". This test is counting them. But moreover, any reason why those records should be deleted should be given to "NOTES" field.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=27227](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=27227)

#### Legend - highlightings of result table fields

|                |   |   |
|----------------|---|---|
| NOTES          |  | Explanation is missing, error!  |
| Present in old |  | Site was not present in previous version of dataset! Check if it is not an error! |

Number of detected records: **2 (0.12 %)**

| SITE CODE | SITE CODE NAT | ISO3 | DESIG ABBR | AREANAME      | SIZE      | NOTES | Present in old |
|-----------|---------------|------|------------|---------------|-----------|-------|----------------|
| 332768    | W-6028        | BEL  | BE01       | Bois du Bouly | 12        |       | YES            |
| 333061    | W-6641        | BEL  | BE02       | Fossage Henry | 3         |       | YES            |
|           |               |      |            |               | <b>15</b> |       |                |

#### ! 4.2.04 Sites where "SITE\_CODE" is duplicated

As a key field and cross-used field by many international level data users, any entry to SITE\_CODE should be unique and not duplicated. It is also recommended that this field should be filled or at least entry numbers for that field should be given by CDDA administrator, as entry values are coming from World Database of Protected Areas. Any duplicated entry here is referring to an error.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=22418](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=22418)

##### Legend - highlightings of result table fields

SITE CODE   Duplicated codes (error)  
 whole row value This site belongs to other country. It have to be checked which country caused duplication error!

Number of detected records: **2**

| SITE CODE | SITE CODE NAT | ISO3 | DESIG ABBR | AREANAME           |
|-----------|---------------|------|------------|--------------------|
| 333763    | W-6641        | BEL  | BE02       | Vallee de la Hulle |
| 333763    | W-            | BEL  | BE02       | Vallee de la Hulle |

#### i 4.2.05 Sites where "SITE\_CODE\_NAT" was changed

In principle SITE\_CODE\_NAT is secondary key field that will be used for analysis when SITE\_CODE field is empty, therefore it is very important that this field is also unique and remains unchanged. If it still changes for some reason, please enter that reason to the NOTES field to be taken into account during database analysis.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=29062](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=29062)

Number of detected records: **6 (0.37 %)**

| SITE CODE | SITE CODE NAT |        | ISO3 | DESIG ABBR | AREANAME                | SIZE      |
|-----------|---------------|--------|------|------------|-------------------------|-----------|
|           | old           | new    |      |            |                         |           |
| 5633      | W-6804        | W-6806 | BEL  | BE14       | Torgny                  | 4         |
| 333056    | W-6605        | W-6226 | BEL  | BE01       | Fanges de Paradis       | 18        |
| 333290    | W-6321        | W-6231 | BEL  | BE01       | Ile d'Androssart        | 6         |
| 333430    | W-6662        | W-6619 | BEL  | BE01       | Les Arretements         | 8         |
| 333719    | W-6601        | W-6085 | BEL  | BE14       | Terril du Casino Weiher | 3         |
| 333763    | W-            | W-6641 | BEL  | BE02       | Vallee de la Hulle      | 21        |
|           |               |        |      |            |                         | <b>60</b> |

#### ! 4.2.06 Number of sites by designation where "SITE\_CODE\_NAT" is empty

It is very important that either SITE\_CODE field or SITE\_CODE\_NAT field is NOT empty, because they both are relational key fields and it is not possible to perform any analysis with designated sites lists when at least one of those codes are not there.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=29062](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=29062)

##### Legend - highlightings of result table fields

Valid sites number   Number of sites where detected error should be corrected

Number of detected designations: **4**

| DESIG ABBR | DESIGNATE                        | Valid sites |     |        | Sites to be deleted |   |      |
|------------|----------------------------------|-------------|-----|--------|---------------------|---|------|
|            |                                  | number      | %   | size   | number              | % | size |
| BE03       | Forest Reserve (Flanders Region) | 51          | 100 | 2107.7 | 0                   | 0 | 0    |
| BE06       | Certified Forest Reserve         | 10          | 100 | 273.5  | 0                   | 0 | 0    |
| BE16       |                                  | 3           | 1.3 | 212.3  | 0                   | 0 | 0    |

| DESIG<br>ABBR | DESIGNATE              | Valid sites |      |        | Sites to be deleted |   |      |
|---------------|------------------------|-------------|------|--------|---------------------|---|------|
|               |                        | number      | %    | size   | number              | % | size |
| BE21          | Private Nature Reserve | 72          | 100  | 3112   | 0                   | 0 | 0    |
|               |                        | 136         | 8.44 | 5705.5 | 0                   | 0 | 0    |

#### ! 4.2.07 Sites where "SITE\_CODE\_NAT" is duplicated

SITE\_CODE and SITE\_CODE\_NAT are relational key fields. If SITE\_CODE is missing and SITE\_CODE\_NAT is duplicated it is impossible to relate tables properly and perform database analysis, therefore duplication of SITE\_CODE\_NAT is taken as an error.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=29062](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=29062)

#### Legend - highlightings of result table fields

SITE CODE NAT   Duplicated codes

Number of detected records: 27

| SITE CODE | SITE CODE NAT | ISO3 | DESIG ABBR | AREANAME  |
|-----------|---------------|------|------------|---|
| 333374    | 1139001       | BEL  | BE13       | Kijberg   |
| 333401    | 1139001       | BEL  | BE13       | Kraanberg   |
| 333241    | 201_1         | BEL  | BE16       | Het Meetjesland krekengebied West                   |
| 333243    | 201_1         | BEL  | BE16       | Het Meetjeslands krekengebied West                  |
| 332828    | 235           | BEL  | BE16       | De Bronbossen en bovenlopen van de Vlaamse Ardennen |
| 332846    | 235           | BEL  | BE16       | De Bronbossen en bovenlopen van de Vlaamse Ardennen |
| 332968    | 313           | BEL  | BE16       | De Vallei van de Kleine Nete benedenstrooms         |
| 333769    | 313           | BEL  | BE16       | Vallei van de Kleine Nete benedenstrooms            |
| 332890    | 318           | BEL  | BE16       | De Kindernouw - Visbeekvallei                       |
| 332891    | 318           | BEL  | BE16       | De Kindernouw-Visbeekvallei                         |
| 332933    | 338           | BEL  | BE16       | De Samenvloeiing Rupel-Dijle-Nete                   |
| 332934    | 338           | BEL  | BE16       | De samenvloeiing Rupel-Dijle-Nete                   |
| 333197    | 427           | BEL  | BE16       | Het Belle Vuebos-Langenakker-Haagmaal               |
| 333198    | 427           | BEL  | BE16       | Het Belle Vuebos-Langenakker-Haagsmaal              |
| 333260    | 548           | BEL  | BE16       | Het Wijgmaalbroek - Kwellenberg - Gevel             |
| 333261    | 548           | BEL  | BE16       | Het Wijgmaalbroek - Kwelleneberg - Gevel            |
| 333262    | 548           | BEL  | BE16       | Het Wijmaalbroek - Kwellenberg - Gevel              |
| 332850    | 552           | BEL  | BE16       | De Demervallei ten oosten van Aarschot              |
| 332852    | 552           | BEL  | BE16       | De Demervammei ten oosten van Aarschot              |
| 86749     | W-6028        | BEL  | BE01       | L'Ermitage  |
| 332768    | W-6028        | BEL  | BE01       | Bois du Bouly                                       |
| 5629      | W-6354        | BEL  | BE01       | Plateau des Tailles                                 |
| 333614    | W-6354        | BEL  | BE01       | Plateau des Tailles                                 |
| 86782     | W-6619        | BEL  | BE02       | Picherotte  |
| 333430    | W-6619        | BEL  | BE01       | Les Arretements                                     |
| 333061    | W-6641        | BEL  | BE02       | Fossage Henry                                       |
| 333763    | W-6641        | BEL  | BE02       | Vallee de la Hulle                                  |

#### ! 4.2.08 Sites where "ISO3" is empty or incorrect

Number of detected records: 0

**? 4.2.09 Sites where "DESIG\_ABBR" was changed**

Number of detected records: 0

**! 4.2.10 Sites where "DESIG\_ABBR" is empty**

Number of detected records: 0

**! 4.2.11 Number of sites by designation where "DESIG\_ABBR" is not present in "DESIGNATIONS" table**

DESIG\_ABBR field is relational key field between sites and designations table. If DESIG\_ABBR is not present in designations table and/or is not following designation naming convention (ISO2+2digits number), it is not possible to take site record into account when making national basis indicator of designated area per designation and therefore result in international reports will be wrong.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=21601](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=21601)[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=26791](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=26791)**Legend - highlightings of result table fields**DESIG ABBR   Designation code is not present in official list (error)Valid sites number   Number of sites where detected error should be corrected

Number of detected designations: 1

| DESIG<br>ABBR | Valid sites |       |         | Sites to be deleted |   |      |
|---------------|-------------|-------|---------|---------------------|---|------|
|               | number      | %     | size    | number              | % | size |
| BE16          | 231         | 14.34 | 87952.8 | 0                   | 0 | 0    |
|               | 231         | 14.34 | 87952.8 | 0                   | 0 | 0    |

**i 4.2.12 Sites where "AREANAME" was changed**

Number of detected records: 0

**? 4.2.13 Number of sites by designation where "AREANAME" is empty**

Number of detected designations: 0

**i 4.2.14 Sites where "AREANAME" is duplicated**

Although the site name is not really a key field result of that test is given to be checked at national level if it corresponds to national database and also still suggestion is to give site names at national level such way that they also can be unique if it is possible of course, it will also help any kind of statistical analysis also at national level.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=28137](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28137)

Number of detected records: 117

Tabular result is too long to display (> 50 records). Here is condensed list ("To be deleted" sites are excluded):

| list of duplicated AREANMEs [number of duplications]   |  |
|--|--|
| Beiaardbos [2x], Bos ter Rijst [2x], Bosheide [2x], Bulskampveld [2x], De Maatjes [2x], De Samenvloeiing Rupel-Dijle-Nete [2x], De Teut [2x], Demerbroeken [2x], Egenhovenbos [2x], Galgenberg [2x], Grootbroek [2x], Grotenhout [2x], Gruitroderheide [2x], Hallerbos [2x], Helleketelbos [2x], Hengstbergen [2x], Het Meetjesland krekengebied West [2x], Het Vinne [2x], Hoogveld [3x], Immer [2x], In de Brand [2x], Jagersborg [2x], Jongenbos [2x], Karkoolbos [2x], Kolisheide [2x], Kravaalbos [2x], Kruisheide [2x], La Basseille [2x], Latemse Meersen [2x], Liedekerkebos [2x], Merkem [2x], Molsse Nete [2x], Muizenbos [2x], Neigembos [2x], Op den Aenhof [3x], Oud Kanaal [2x], Oude Leiearm, Ooigem-Desselgem [2x], Oude Leiearm, Wielsbeke-Waregem [2x], Overheide [2x], Pastoorsbos [2x], Plateau des Tailles [2x], Pres de Grand Rieu [2x], Preshoekbos [2x], Scherpenberg [2x], Schoendalebocht [2x], Sclaigneaux [2x], Silsombos [2x], Stropersbos [2x], 't Plat [2x], Ter Heide [2x], Uitpalingen [3x], Vallee de la Hulle [2x], Vallee de la Warche [2x], Vloetenveld [2x], Voetsveldheide [2x], Zwaanhoek [2x] |  |

#### **i** 4.2.15 Sites where "SIZE" was changed

Number of detected records: 0

#### **!** 4.2.16 Number of sites by designation where "SIZE" is empty

Number of detected designations: 0

#### **!** 4.2.17 Sites where "SIZE" is significantly different from respective GIS boundary area or where it is greater than ISO3 country reference size.

Number of detected records: 0

#### **i** 4.2.18 Sites where "IUCN\_CAT" was changed

Number of detected records: 0

#### **!** 4.2.19 Number of sites by designation where "IUCN\_CAT" is empty

As CDDA is feeding also global database of designated areas kept by UNEP-WCMC and counted for IUCN World reports, it is important that IUCN category is there for all records. If site can never have IUCN category, please mark it as N/A and give relevant note at NOTES field.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=22805](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=22805)

#### Legend - highlightings of result table fields

Valid sites number   Number of sites where detected error should be corrected

Number of detected designations: 9

| DESIG<br>ABBR | DESIGNATE                        | Valid sites |             |                 | Sites to be deleted |          |          |
|---------------|----------------------------------|-------------|-------------|-----------------|---------------------|----------|----------|
|               |                                  | number      | %           | size            | number              | %        | size     |
| BE01          | State Nature Reserve             | 3           | 2.27        | 137.2           | 0                   | 0        | 0        |
| BE02          | Certified Nature Reserve         | 311         | 68.65       | 10161.2         | 0                   | 0        | 0        |
| BE03          | Forest Reserve (Flanders Region) | 51          | 100         | 2107.7          | 0                   | 0        | 0        |
| BE06          | Certified Forest Reserve         | 10          | 100         | 273.5           | 0                   | 0        | 0        |
| BE07          | Flemish Nature Reserve           | 75          | 100         | 5481            | 0                   | 0        | 0        |
| BE11          | Protected Dunes                  | 104         | 100         | 1105.4          | 0                   | 0        | 0        |
| BE13          |                                  | 359         | 100         | 22123.4         | 0                   | 0        | 0        |
| BE16          |                                  | 231         | 100         | 87952.8         | 0                   | 0        | 0        |
| BE21          | Private Nature Reserve           | 61          | 84.72       | 2213            | 0                   | 0        | 0        |
|               |                                  | <b>1205</b> | <b>74.8</b> | <b>131555.2</b> | <b>0</b>            | <b>0</b> | <b>0</b> |

#### ! 4.2.20 Number of sites by IUCN category where "IUCNCAT" is not present in official list ("IUCNCATEGORIES" table)

Number of detected designations: 0

#### i 4.2.21 Number of sites by designation where "NUTS" is empty

This data is needed for statistical purposes as CDDA also feeds EUROSTAT. If possible please enter at least ISO2 country code to NUTS field, but better if you can pick relevant code from following url:

[http://ec.europa.eu/eurostat/ramon/nuts/home\\_regions\\_en.html](http://ec.europa.eu/eurostat/ramon/nuts/home_regions_en.html)

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=28760](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28760)

Number of detected designations: 9

| DESIG<br>ABBR | DESIGNATE                        | Valid sites |              |                 | Sites to be deleted |          |          |
|---------------|----------------------------------|-------------|--------------|-----------------|---------------------|----------|----------|
|               |                                  | number      | %            | size            | number              | %        | size     |
| BE01          | State Nature Reserve             | 3           | 2.27         | 137.2           | 0                   | 0        | 0        |
| BE02          | Certified Nature Reserve         | 318         | 70.2         | 11024.8         | 0                   | 0        | 0        |
| BE03          | Forest Reserve (Flanders Region) | 51          | 100          | 2107.7          | 0                   | 0        | 0        |
| BE06          | Certified Forest Reserve         | 10          | 100          | 273.5           | 0                   | 0        | 0        |
| BE07          | Flemish Nature Reserve           | 75          | 100          | 5481            | 0                   | 0        | 0        |
| BE11          | Protected Dunes                  | 104         | 100          | 1105.4          | 0                   | 0        | 0        |
| BE13          |                                  | 359         | 100          | 22123.4         | 0                   | 0        | 0        |
| BE16          |                                  | 231         | 100          | 87952.8         | 0                   | 0        | 0        |
| BE21          | Private Nature Reserve           | 72          | 100          | 3112            | 0                   | 0        | 0        |
|               |                                  | <b>1223</b> | <b>75.92</b> | <b>133317.8</b> | <b>0</b>            | <b>0</b> | <b>0</b> |

#### ? 4.2.22 Sites where "YEAR" was changed

Number of detected records: 0

#### ! 4.2.23 Number of sites by designation where "YEAR" is empty

It is important for indicator production (designated area in Europe and per country per year) that all site entries have entry for establishment year, if entry is missing it is an error, if for any reason it is not possible to give year of establishment, please give remark at NOTES field.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=17090](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=17090)

##### Legend - highlightings of result table fields

Valid sites number   Number of sites where detected error should be corrected

Number of detected designations: 4

| DESIG<br>ABBR | DESIGNATE                        | Valid sites |              |                | Sites to be deleted |          |          |
|---------------|----------------------------------|-------------|--------------|----------------|---------------------|----------|----------|
|               |                                  | number      | %            | size           | number              | %        | size     |
| BE02          | Certified Nature Reserve         | 302         | 66.67        | 10177          | 0                   | 0        | 0        |
| BE03          | Forest Reserve (Flanders Region) | 1           | 1.96         | 75.7           | 0                   | 0        | 0        |
| BE11          | Protected Dunes                  | 104         | 100          | 1105.4         | 0                   | 0        | 0        |
| BE21          | Private Nature Reserve           | 72          | 100          | 3112           | 0                   | 0        | 0        |
|               |                                  | <b>479</b>  | <b>29.73</b> | <b>14470.1</b> | <b>0</b>            | <b>0</b> | <b>0</b> |

#### ! 4.2.24 Sites where "YEAR" is less than 1872 or greater than 2007

Number of detected records: 0

**! 4.2.25 Number of sites by designations where at least one of altitudes is empty**

It is important for statistical purposes that altitude value of site is there.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=18809](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=18809)[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=23453](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=23453)**Legend - highlightings of result table fields**Valid sites number  Number of sites where detected error should be corrected

Number of detected designations: 11

| DESIG<br>ABBR | DESIGNATE                        | Valid sites |              |                 | Sites to be deleted |             |           |
|---------------|----------------------------------|-------------|--------------|-----------------|---------------------|-------------|-----------|
|               |                                  | number      | %            | size            | number              | %           | size      |
| BE01          | State Nature Reserve             | 128         | 96.97        | 2425.2          | 1                   | 0.76        | 12        |
| BE02          | Certified Nature Reserve         | 450         | 99.34        | 12780.9         | 1                   | 0.22        | 3         |
| BE03          | Forest Reserve (Flanders Region) | 51          | 100          | 2107.7          | 0                   | 0           | 0         |
| BE04          | Forest Reserve (Wallone Region)  | 12          | 100          | 547             | 0                   | 0           | 0         |
| BE06          | Certified Forest Reserve         | 10          | 100          | 273.5           | 0                   | 0           | 0         |
| BE07          | Flemish Nature Reserve           | 75          | 100          | 5481            | 0                   | 0           | 0         |
| BE11          | Protected Dunes                  | 104         | 100          | 1105.4          | 0                   | 0           | 0         |
| BE13          |                                  | 359         | 100          | 22123.4         | 0                   | 0           | 0         |
| BE14          |                                  | 106         | 94.64        | 1141            | 0                   | 0           | 0         |
| BE16          |                                  | 231         | 100          | 87952.8         | 0                   | 0           | 0         |
| BE21          | Private Nature Reserve           | 72          | 100          | 3112            | 0                   | 0           | 0         |
|               |                                  | <b>1598</b> | <b>99.19</b> | <b>139049.9</b> | <b>2</b>            | <b>0.12</b> | <b>15</b> |

**! 4.2.26 Sites where "ALTITUDE\_MIN" is higher than "ALTITUDE\_MAX"**

Maximum altitude can not be higher of minimum, it refers to error.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=18809](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=18809)[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=23453](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=23453)**Legend - highlightings of result table fields**ALTITUDE  Incorrect values (error)

Number of detected records: 1 (0.06 %)

| SITE<br>CODE | SITE<br>CODE NAT | ISO3 | DESIG<br>ABBR | AREANAME          | SIZE | ALTITUDE |     |
|--------------|------------------|------|---------------|-------------------|------|----------|-----|
|              |                  |      |               |                   |      | MIN      | MAX |
| 7180         | W-6738           | BEL  | BE02          | Vague des Gomhets | 29   | 320      |     |
|              |                  |      |               |                   | 29   |          |     |

**? 4.2.27 Sites where at least one of altitudes is out of reference elevation range of the country**

Number of detected records: 0

**? 4.2.28 Sites where coordinates were changed**

Number of detected records: 0

**! 4.2.29 Number of sites by designations where at least one of coordinates is empty**

If both or at least one of coordinates is missing and also digital boundaries of those sites are not available or are delivered without SITE\_CODE, those records can not be used in reports of designated areas where over-European or global level maps are important.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=28825](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28825)

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=20550](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20550)

**Legend - highlightings of result table fields**

Valid sites number   Number of sites where detected error should be corrected

Number of detected designations: **11**

| DESIG<br>ABBR | DESIGNATE                        | Valid sites |              |                 | Sites to be deleted |             |           |
|---------------|----------------------------------|-------------|--------------|-----------------|---------------------|-------------|-----------|
|               |                                  | number      | %            | size            | number              | %           | size      |
| BE01          | State Nature Reserve             | 100         | 75.76        | 1633.1          | 1                   | 0.76        | 12        |
| BE02          | Certified Nature Reserve         | 193         | 42.6         | 2888.9          | 1                   | 0.22        | 3         |
| BE03          | Forest Reserve (Flanders Region) | 51          | 100          | 2107.7          | 0                   | 0           | 0         |
| BE04          | Forest Reserve (Wallone Region)  | 9           | 75           | 425             | 0                   | 0           | 0         |
| BE06          | Certified Forest Reserve         | 10          | 100          | 273.5           | 0                   | 0           | 0         |
| BE07          | Flemish Nature Reserve           | 16          | 21.33        | 698             | 0                   | 0           | 0         |
| BE11          | Protected Dunes                  | 104         | 100          | 1105.4          | 0                   | 0           | 0         |
| BE13          |                                  | 359         | 100          | 22123.4         | 0                   | 0           | 0         |
| BE14          |                                  | 103         | 91.96        | 1132            | 0                   | 0           | 0         |
| BE16          |                                  | 231         | 100          | 87952.8         | 0                   | 0           | 0         |
| BE21          | Private Nature Reserve           | 14          | 19.44        | 627             | 0                   | 0           | 0         |
|               |                                  | <b>1190</b> | <b>73.87</b> | <b>120966.8</b> | <b>2</b>            | <b>0.12</b> | <b>15</b> |

**! 4.2.30 Sites where coordinates are outside of reference geographic area of the country**

That test is checking if coordinates delivered are really falling to national geographic area of country they come from. If not result is there to be checked and if needed to be corrected at national level. Reference GIS source is of small scale (1:1000000) therefore the test doesn't need to be utterly accurate.

Result was also transformed to KML file which can be downloaded from the same location as this report. KML is a file format used to display geographic data in an Earth browser, such as Google Earth. You may use this file and browser to check the result more conveniently.

GIS source for country geographic area is Vmap0 World Dataset, available at the following URL:

[http://www.mapability.com/index1.html?http&&www.mapability.com/info/vmap0\\_index.html](http://www.mapability.com/index1.html?http&&www.mapability.com/info/vmap0_index.html)

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=28825](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28825)

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=20550](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20550)

**Legend - highlightings of result table fields**

LAT, LON   Coordinates outside country. Check whether it is a real error or it caused just because of slight differences in used GIS data sources.

LAT value Coordinate is out of possible range (-90 to +90)

LON value Coordinate is out of possible range (-180 to +180)

Number of detected records: **3 (0.19 %)**

| SITE CODE | SITE CODE NAT | ISO3 | DESIG ABBR | AREANAME         | SIZE | LAT      | LON     |
|-----------|---------------|------|------------|------------------|------|----------|---------|
| 86579     | W-6023        | BEL  | BE01       | Fange de l'Abime | 9    | 49.95    | 4.81667 |
| 86779     | W-6363        | BEL  | BE04       | Ouren            | 1    | 50.13333 | 6.13333 |



| SITE CODE | SITE CODE NAT | ISO3 | DESIG ABBR | AREANAME    | SIZE       | LAT  | LON |
|-----------|---------------|------|------------|-------------|------------|------|-----|
| 86783     |               | BEL  | BE21       | Ploegsteert | 120        | 50.7 | 2.9 |
|           |               |      |            |             | <b>130</b> |      |     |

#### **i** 4.2.31 Sites where coordinates are duplicated

Site coordinate duplication could refer to an error if designation of sites is same. Please check results and if needed make corrections.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=28825](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28825)

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=20550](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20550)

Number of detected records: **8**

| SITE CODE | SITE CODE NAT | ISO3 | DESIG ABBR | AREANAME                               | SIZE         | LAT      | LON     |
|-----------|---------------|------|------------|--|--------------|----------|---------|
| 86810     | W-6614        | BEL  | BE02       | Etangs de Virelles                     | 83           | 50.06667 | 4.33333 |
| 86816     |               | BEL  | BE21       | Wateringen                             | 160          | 50.06667 | 4.33333 |
| 86748     |               | BEL  | BE21       | Klein Buechelchen, Zwischen Den Miesen | 1            | 50.21667 | 6.05    |
| 86802     | W-6656        | BEL  | BE02       | Thommen                                | 23           | 50.21667 | 6.05    |
| 5612      |               | BEL  | BE21       | Maasdalbos                             | 12           | 50.7     | 4.25    |
| 86696     |               | BEL  | BE21       | Warande En Maasdalbos                  | 13           | 50.7     | 4.25    |
| 86547     | E-014         | BEL  | BE02       | De Zegge                               | 96.7         | 51.19315 | 4.93766 |
| 86619     | V-023         | BEL  | BE07       | Mosselgoren                            | 11.1         | 51.19315 | 4.93766 |
|           |               |      |            |  | <b>399.8</b> |          |         |

#### **i** 4.2.32 Number of sites by designation where "NOTES" is not empty

Number of detected designations: **0**

#### **!** 4.2.33 Sites marked to be deleted but where "NOTES" is empty

If site is marked to be deleted, please give a reason for that at the NOTES field

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=27227](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=27227)

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=25701](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=25701)

##### Legend - highlightings of result table fields

NOTES  Explanation is missing (error)

Number of detected records: **2 (0.12 %)**

| SITE CODE | SITE CODE NAT | ISO3 | DESIG ABBR | AREANAME      | SIZE      | NOTES |
|-----------|---------------|------|------------|---------------|-----------|-------|
| 332768    | W-6028        | BEL  | BE01       | Bois du Bouly | 12        |       |
| 333061    | W-6641        | BEL  | BE02       | Fossage Henry | 3         |       |
|           |               |      |            |               | <b>15</b> |       |

#### ? 4.2.34 Edited records and analysis of EIONET fields

Please always mark your editing at the fields EIONET\_CHNG\_TYPE, EIONET\_CHNG\_DATE, EIONET\_EDITED\_BY and EIONET\_INSTITUTE. This test is giving your editing recording results for you to check and for validation purposes.

Data Dictionary reference/s:






[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=27745](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=27745)

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=28022](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28022)

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=24470](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=24470)

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=26591](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=26591)

#### Legend - highlightings of result table fields

|                      |   |   |
|----------------------|---|---|
| EIONET CHNG DATE new |  | Field is either empty or it was not changed, error!                   |
| EIONET CHNG TYPE     |  | Field is empty, error!  |
|                      |  | value Incorrect value (allowable values are "A", "C" and "U"), error! |
| EIONET EDITED BY     |  | Field is empty, error!  |
| EIONET INSTITUTION   |  | Field is empty, error!  |

Number of detected records: **71 (4.41 %)**

| SITE CODE | changed               | EIONET    |          |           |             |           |
|-----------|-----------------------|-----------|----------|-----------|-------------|-----------|
|           |                       | CHNG DATE |          | CHNG TYPE | EDITED BY   | INSTITUTE |
|           |                       | old       | new      |           |             |           |
| 1221      | altitude_max, notes,  | 2006-5-1  | 2006-5-1 | U         | DCE-S.Lange | MRW-DNF   |
| 5611      | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 5614      | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 5615      | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 5617      | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 5618      | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 5619      | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 5621      | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 5622      | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 5624      | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 5626      | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 5633      | site_code_nat, notes, | 2006-5-1  | 2006-5-1 | U         | DCE-S.Lange | MRW-DNF   |
| 5643      | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 7180      | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 7183      | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 72364     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 72368     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 72370     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 72378     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 72389     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 72390     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86575     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86576     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86579     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86580     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86581     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86583     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86584     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86585     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86586     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86587     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86590     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86592     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86593     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86596     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86597     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86598     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86599     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86700     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86704     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86705     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |
| 86708     | notes,                | 2006-5-1  | 2006-5-1 |           | DCE-S.Lange | MRW-DNF   |

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| SITE<br>CODE | changed              | EIONET    |          |              |                    |                |
|--------------|----------------------|-----------|----------|--------------|--------------------|----------------|
|              |                      | CHNG DATE |          | CHNG<br>TYPE | EDITED BY          | INSTITUTE      |
|              |                      | old       | new      |              |                    |                |
| 86716        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86722        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86726        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86746        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86747        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86752        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86753        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86755        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86757        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86760        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86761        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86763        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86764        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86766        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86770        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86781        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86794        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86795        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86800        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86802        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86810        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 86814        | notes,               | 2006-5-1  | 2006-5-1 |              | DCE-S.Lange        | MRW-DNF        |
| 332768       | <i>to be deleted</i> | 2006-6-6  | 2006-6-6 |              | <i>DCE-S.Lange</i> | <i>MRW-DNF</i> |
| 333056       | site_code_nat,       | 2006-6-6  | 2006-6-6 |              | DCE-S.Lange        | MRW-DNF        |
| 333061       | <i>to be deleted</i> | 2006-6-6  | 2006-6-6 | U            | <i>DCE-S.Lange</i> | <i>MRW-DNF</i> |
| 333290       | site_code_nat,       | 2006-6-6  | 2006-6-6 | U            | DCE-S.Lange        | MRW-DNF        |
| 333430       | site_code_nat,       | 2006-6-6  | 2006-6-6 |              | DCE-S.Lange        | MRW-DNF        |
| 333719       | site_code_nat,       | 2006-6-6  | 2006-6-6 |              | DCE-S.Lange        | MRW-DNF        |
| 333763       | site_code_nat,       | 2006-6-6  | 2006-6-6 | U            | DCE-S.Lange        | MRW-DNF        |

### **4.3 Sitehabitats table**

Table contains no records!