

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



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

Report on technical validation analysis of National Database

Luxembourg

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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)

Your country didn't participate in the 2007 CDDA data flow. Therefore the latest data published by EEA were used for the purpose of the quality analysis in this report. If you have any questions please contact EEA.

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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

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.

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.

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.

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
designations	10
sites	97
sitehabitats	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 new	completeness (%) in new
ISO3	10	100.00
DESIG_ABBR	10	100.00
Category	7	70.00
ODESIGNATE	10	100.00
DESIGNATE	10	100.00
Title_French	10	100.00
CDDA_sites	10	100.00
Law	8	80.00
Lawreference	8	80.00
Agency	0	0.00
Number	8	80.00
Total_Area	8	80.00

Field	records filled in new	completeness (%) in new
Data_Source	8	80.00
Reference_date	8	80.00
Remark	0	0.00
Remark_Source	0	0.00

i 3.1.2 Sites table

Number of columns: 18

Field	records filled in new	completeness (%) in new
SITE_CODE	97	100.00
SITE_CODE_NAT	97	100.00
ISO3	97	100.00
DESIG_ABBR	97	100.00
AREANAME	97	100.00
SIZE	97	100.00
IUCNCAT	97	100.00
NUTS	97	100.00
YEAR	97	100.00
ALTITUDE_MIN	0	0.00
ALTITUDE_MAX	0	0.00
LAT	74	76.29
LON	74	76.29
EIONET_CHNG_DATE	0	0.00
EIONET_CHNG_TYPE	0	0.00
EIONET_EDITED_BY	0	0.00
EIONET_INSTITUTE	0	0.00
NOTES	0	0.00

i 3.1.3 Sitehabitats table

Number of columns: 3

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

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	No new designations	4.1.01
	No designations marked to be deleted.	4.1.03
	All designations have designation code	4.1.07
Category	1 designation (LU01) has missing "Category" code!	4.1.11
ODESIGNATE	Filled correctly	4.1.15
DESIGNATE	All designatons have English name	4.1.15
Title_French	Filled correctly	
CDDA_sites	4 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!	4.1.17
Law	Filled correctly	4.1.18
Lawreference	Filled correctly	4.1.18
Agency	8 designations have missing "Agency"!	4.1.19
Number, Total_Area	Filled correctly	4.1.20
Number_reference	Field is empty for all records	4.1.23
Total_Area_reference	Field is empty for all records	4.1.23
Data_Source	8 designations have "Data_Source" filled. None of them have either "Number_reference" or "Total_Area_reference" filled (in such cases the "Data_Source" doesn't need to be filled). Check whether it is not an error!	4.1.23
Reference_date	8 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 designationsNumber of new records in the designations table: **0****! 4.1.02 Designations deleted without marking them 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

Increase

Total area in new dataset Decrease

Increase

Number of detected records: **10**

ISO3	DESIG ABBR	Category	DESIGNATE	Number of sites in		Total area (ha) in	
				old dataset	new dataset	old dataset	new dataset
LUX	LU00		No Protection Status	0	0	0	0
LUX	LU01		RAMSAR	0	0	0	0
LUX	LU02	A	Protected Area	30	30	2919.82	2919.82
LUX	LU03	A	Integral forest protection area	4	4	592	592
LUX	LU04	A	Protected Landscape	0	0	0	0
LUX	LU05	A	Nature Park	2	2	51087	51087
LUX	LU06	A	ZSC - Natura 2000	47	47	38358.41	38358.41
LUX	LU07	A	ZPS - Natura 2000	12	12	13903.62	13903.62
LUX	LU08	A	ZPIC	0	0	0	0
LUX	LU99		Others	0	0	0	0
				95	95	106860.85	106860.85

? 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=21601http://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: **5**

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	CDDA sites	Remark
LUX	LU00		Aucun statut de protection	No Protection Status	False	
LUX	LU01		Zones RAMSAR	RAMSAR	True	
LUX	LU04	A	Zones protégées d'intérêt national - Paysage Protégé	Protected Landscape	False	
LUX	LU08	A	Zones protégées d'importance communale	ZPIC	False	
LUX	LU99		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

! 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

Legend - highlightings of result table fields

Category Missing value (error)

Number of detected records: 1

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Number of sites
LUX	LU01		Zones RAMSAR	RAMSAR	0
					0

! 4.1.12 Designations where "Category" is not present in official list ("DESIG_CATEGORIES" table)

Number of detected records: 0

! 4.1.14 Designations where "DESIGNATE" is empty

Number of detected records: 0

! 4.1.15 Designations where "ODESIGNATE" is empty

Number of detected records: 0

? 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**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: 4

ISO3	DESIG ABBR	Category	DESIGNATE	CDDA sites	Total Area reference	Remark	Number of sites
LUX	LU00		No Protection Status	False			0
LUX	LU04	A	Protected Landscape	False			0
LUX	LU08	A	ZPIC	False			0
LUX	LU99		Others	False			0
							0

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

Number of detected records: 0

! 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**Legend - highlightings of result table fields**Agency Missing value (error)

Number of detected records: 8

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Agency	Number of sites
LUX	LU01		Zones RAMSAR	RAMSAR		0
LUX	LU02	A	Zones protégées d'intérêt national - Réserve naturelle	Protected Area		30
LUX	LU03	A	Zones protégées d'intérêt national - Réserve forestière intégrale	Integral forest protection area		4
LUX	LU04	A	Zones protégées d'intérêt national - Paysage Protégé	Protected Landscape		0
LUX	LU05	A	Parc Naturel	Nature Park		2

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Agency	Number of sites
LUX	LU06	A	Zones protégées d'intérêt communautaire - Zones Habitats ZSC	ZSC - Natura 2000		47
LUX	LU07	A	Zones protégées d'intérêt communautaire - Zones Oiseaux ZPS	ZPS - Natura 2000		12
LUX	LU08	A	Zones protégées d'importance communale	ZPIC		0
						95

? 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=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=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: **8**

ISO3	DESIG ABBR	Number reference	Total Area reference	Data Source	Reference date	Number of sites
LUX	LU01			Ministère de l'Environnement	01/06/2006	0
LUX	LU02			Ministère de l'Environnement	01/06/2006	30
LUX	LU03			Ministère de l'Environnement	01/06/2006	4
LUX	LU04			Ministère de l'Environnement	01/06/2006	0
LUX	LU05			Ministère de l'Intérieur	01/06/2006	2
LUX	LU06			Ministère de l'Environnement	01/06/2006	47
LUX	LU07			Ministère de l'Environnement	01/06/2006	12
LUX	LU08			Ministère de l'Environnement	01/06/2006	0
						95

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

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	No new sites	4.2.01
	No sites marked to be deleted	4.2.03
SITE_CODE_NAT	All sites have national site code	4.2.06
ISO3	Filled correctly	4.2.08
DESIG_ABBR	All sites have designation code	4.2.10
	2 sites have designation code ("LU09") which is not present in Designations table!	4.2.11
AREANAME	All sites have area name	4.2.13
	2 area names are duplicated (4 sites have these names totaly).	4.2.14
SIZE	All sites have size	4.2.16
IUCNCAT	All sites have IUCN category	4.2.19
NUTS	All sites have NUTS codes	4.2.21
YEAR	All sites have year	4.2.23
ALTITUDEs	97 sites have missing at least one of altitudes!	4.2.25
LAT, LON	23 sites have missing coordinates!	4.2.29
	42 sites have coordinates outside of reference bounding box/boxes of the country!	4.2.30
To_be_deleted	No sites marked to be deleted	4.2.33
EIONET fields	No values were changed in old sites	4.2.34
NOTES	No site has "NOTES" filled.	4.2.32

i 4.2.01 New sites

Number of new records in the sites table: **0**

! 4.2.04 Sites where "SITE_CODE" is duplicated

Number of detected records: **0**

! 4.2.06 Number of sites by designation where "SITE_CODE_NAT" is empty

Number of detected designations: **0**

! 4.2.07 Sites where "SITE_CODE_NAT" is duplicated

Number of detected records: **0**

! 4.2.08 Sites where "ISO3" is empty or incorrect

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=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 ABBR	Valid sites			Sites to be deleted		
	number	%	size	number	%	size
LU09	2	2.06	17213	0	0	0
	2	2.06	17213	0	0	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

Number of detected records: **4**

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME
337473	LU0002010	LUX	LU07	Dudelange Haard
337500	LU0001031	LUX	LU06	Dudelange Haard
337458	RAMSARLU001	LUX	LU09	Haff Réimech
337475	LU0002012	LUX	LU07	Haff Réimech

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

Number of detected designations: **0**

! 4.2.17 Sites where "SIZE" is greter than size of ISO3 country

Number of detected records: **0**

! 4.2.19 Number of sites by designation where "IUCNCAT" is empty

Number of detected designations: **0**

! 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

Number of detected designations: **0**

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

Number of detected designations: **0**

! 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=23453

Legend - highlightings of result table fields

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

Number of detected designations: **6**

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
LU02	Protected Area	30	100	2919.8	0	0	0
LU03	Integral forest protection area	4	100	592	0	0	0
LU05	Nature Park	2	100	51087	0	0	0
LU06	ZSC - Natura 2000	47	100	38358.4	0	0	0
LU07	ZPS - Natura 2000	12	100	13903.6	0	0	0
LU09		2	100	17213	0	0	0
		97	100	124073.8	0	0	0

? 4.2.26 Sites where "ALTITUDE_MIN" is higher than "ALTITUDE_MAX"

Number of detected records: **0**

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

Number of detected records: **0**

! 4.2.29 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=20550

Legend - highlightings of result table fields

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

Number of detected designations: **3**

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
LU02	Protected Area	7	23.33	293.1	0	0	0
LU03	Integral forest protection area	4	100	592	0	0	0
LU07	ZPS - Natura 2000	12	100	13903.6	0	0	0
		23	23.71	14788.7	0	0	0

! 4.2.30 Sites where coordinates are outside of reference bounding box/boxes of the country

That test is checking if coordinates delivered are really falling to rectangular box/boxes drawn around national geographical area of country they come from. If not result is there to be checked and if needed to be corrected at national level. This test is not utterly accurate. Some coordinates can be outside country area but still inside the box.

GIS source for country bounding boxes coordinates is Vmap0 World Dataset, available at the following URL:

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=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: **42 (43.3 %)**

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	LAT	LON
337458	RAMSARLU001	LUX	LU09	Haff Réimech	313	49.3	6.22
337459	RAMSARLU002	LUX	LU09	Vallée de la Haute-Sûre	16900	49.53	5.51
337476	LU0001002	LUX	LU06	Vallée de l'Our de Ouren a Wallendorf Pont	5675	50.1	6.6
337477	LU0001003	LUX	LU06	Vallée de la Tretterbaach	467.2	50.5	5.57
337478	LU0001004	LUX	LU06	Weicherange - Breichen	58	50.2	5.59
337479	LU0001005	LUX	LU06	Vallée supérieure de la Wiltz	174.2	49.59	5.51
337481	LU0001007	LUX	LU06	Vallée supérieure de la Sûre / Lac du barrage	3026	49.54	5.52
337482	LU0001008	LUX	LU06	Vallée de la Sûre moyenne de Esch/Sûre à Dirbach	356	49.54	5.59
337483	LU0001010	LUX	LU06	Grosbous - Neibruch	14	49.5	5.56
337485	LU0001013	LUX	LU06	Vallée de l'Attert de la frontière à Useldange	750.1	49.47	5.49
337490	LU0001018	LUX	LU06	Vallée de la Mamer et de l'Eisch	6699.1	49.43	6.4
337491	LU0001020	LUX	LU06	Pelouses calcaires de la région de Junglinster	1509	49.43	6.13
337492	LU0001021	LUX	LU06	Vallée de la Syre de Manternach à Fielsmillen	171	49.42	6.27
337493	LU0001022	LUX	LU06	Grunewald	3136.4	49.39	6.11
337494	LU0001024	LUX	LU06	Machtum - Pellemberg / Froumbierg / Greivenmaacherbierg	284.6	49.39	6.25
337495	LU0001025	LUX	LU06	Hautcharage / Dahlem - Asselborner et Boufferdanger Muer	163.9	49.35	5.56
337496	LU0001026	LUX	LU06	Bertrange - Greivelsershaff / Bouferterhaff	619.7	49.35	6.3
337497	LU0001028	LUX	LU06	Differdange Est - Prenzebierg / Anciennes mines et Carrières	1157.5	49.32	5.52
337498	LU0001029	LUX	LU06	Région de la Moselle supérieure	1649.3	49.31	6.19
337499	LU0001030	LUX	LU06	Esch-sur-Alzette Sud-est - Anciennes minières / Ellegronn	953.7	49.28	6
337500	LU0001031	LUX	LU06	Dudelange Haard	614.4	49.28	6.3
337501	LU0001032	LUX	LU06	Dudelange - Ginzebierg	272.6	49.28	6.5
337502	LU0001033	LUX	LU06	Wilwerdange - Conzefenn	82.2	50.8	6.2

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SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	LAT	LON
337503	LU0001034	LUX	LU06	Wasserbillig - Carrière de dolomie	20.5	49.43	6.29
337504	LU0001035	LUX	LU06	Schimpach - Carrières de Schimpach	11.2	50	5.49
337505	LU0001037	LUX	LU06	Perlé - Ancienne ardoisières	43.5	49.48	5.46
337506	LU0001038	LUX	LU06	Troisvierges - Cornelysmillen	290.9	50.8	5.58
337507	LU0001042	LUX	LU06	Hoffelt - Kaleburn	89.9	50.5	5.54
337508	LU0001043	LUX	LU06	Troine/Hoffelt - Sporbaach	66.5	50.5	5.53
337509	LU0001044	LUX	LU06	Cruchten - Bras mort de l'Alzette	20.6	49.47	6.6
337510	LU0001045	LUX	LU06	Gonderange/Rodenbourg - Faascht	250.4	49.41	6.16
337512	LU0001054	LUX	LU06	Fingig - Reifelswenkel	84.3	49.36	5.54
337513	LU0001055	LUX	LU06	Capellen - Air de service et Schultzbech	4.4	49.38	5.58
337514	LU0001066	LUX	LU06	Grosbous - Seitert	22.2	49.48	5.58
337515	LU0001067	LUX	LU06	Leitränge - Heischel	22.6	49.42	5.52
337516	LU0001070	LUX	LU06	Grass - Moukebrill	32	49.37	5.53
337517	LU0001072	LUX	LU06	Massif forestier du Stiefeschboesch	39.4	49.44	5.51
337518	LU0001073	LUX	LU06	Massif forestier du Ielboesch	29.6	49.39	6.1
337519	LU0001074	LUX	LU06	Massif forestier du Faascht	45.5	49.38	5.56
337520	LU0001075	LUX	LU06	Massif forestier du Aesing	56.9	49.32	5.57
337521	LU0001076	LUX	LU06	Massif forestier du Waal	67	49.29	6.7
337522	LU0001077	LUX	LU06	Bois de Bettembourg	246.7	49.32	6.5
					46491		

i 4.2.31 Sites where coordinates are duplicated

Number of detected records: 0

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

Number of detected designations: 0

4.3 Sitehabitats table

Table contains no records!