

**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**

**Lithuania**

**version. 3 - September 2008**

# 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:

-  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.
-  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	8	8
sites	331	331
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	8	8	100.00	100.00
DESIG_ABBR	8	8	100.00	100.00
Category	6	6	75.00	75.00
ODESIGNATE	8	8	100.00	100.00
DESIGNATE	8	8	100.00	100.00
Title_French	3	3	37.50	37.50
CDDA_sites	3	3	37.50	37.50
Law	8	6	100.00	75.00
Lawreference	8	6	100.00	75.00
Agency	8	6	100.00	75.00
Number	6	6	75.00	75.00

Field	records filled in old	records filled in new	completeness (%) in old	completeness (%) in new
Total_Area	6	6	75.00	75.00
Data_Source	0	0	0.00	0.00
Reference_date	0	0	0.00	0.00
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	331	331	100.00	100.00
SITE_CODE_NAT	331	331	100.00	100.00
ISO3	331	331	100.00	100.00
DESIG_ABBR	331	331	100.00	100.00
AREANAME	331	331	100.00	100.00
SIZE	331	331	100.00	100.00
IUCNCAT	331	331	100.00	100.00
NUTS	331	331	100.00	100.00
YEAR	331	331	100.00	100.00
ALTITUDE_MIN	0	0	0.00	0.00
ALTITUDE_MAX	0	0	0.00	0.00
LAT	331	331	100.00	100.00
LON	331	331	100.00	100.00
EIONET_CHNG_DATE	0	0	0.00	0.00
EIONET_CHNG_TYPE	0	0	0.00	0.00
EIONET_EDITED_BY	0	0	0.00	0.00
EIONET_INSTITUTE	0	0	0.00	0.00
NOTES	0	0	0.00	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	No new designations	4.1.01
	No designations marked to be deleted.	4.1.03
	All designations have designation code	4.1.07
Category	All designations have "Category" code	4.1.11
ODESIGNATE	Filled correctly	4.1.15
DESIGNATE	All designations have English name	4.1.15
Title_French	5 designations have missing French name	
CDDA_sites	<b>2 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!</b>	4.1.17
Law	Filled correctly	4.1.18
Lawreference	Filled correctly	4.1.18
Agency	Filled correctly	4.1.19
Number, Total_Area	The values were changed for some designations (5)! 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	Field is empty for all records	4.1.23
Total_Area_reference	Field is empty for all records	4.1.23
Data_Source	Field is empty for all records	4.1.23
Reference_date	Field is empty for all records	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**

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

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

Number of detected records: **0**

**? 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
  - Increase
- Number of sites in GIS
  - Some sites from new dataset are missing in boundary data
- Total area in new dataset
  - Decrease
  - Increase
- Total area in GIS
  - Difference between total site size in new dataset and boundary data is greater than 5%

Number of detected records: **8**

ISO3	DESIG ABBR	Number of sites in			Total area (ha) in		
		old dataset	new dataset	GIS	old dataset	new dataset	GIS
LTU	LT00	0	0	0	0	0	
LTU	LT01	6	6	5	18760	18770	18714.02
LTU	LT02	260	260	253	161039	163278	147181.33
LTU	LT03	35	35	35	603264	603293	603370.86
LTU	LT04	1	1	1	18490	18490	18496.69
LTU	LT05	3	3	3	876	876	875.6
LTU	LT06	26	26	13	200104	200134	161472.67
LTU	LT99	0	0	0	0	0	
		<b>331</b>	<b>331</b>	<b>310</b>	<b>1002533</b>	<b>1004841</b>	<b>950111.17</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: 2

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	CDDA sites	Remark
LTU	LT00		No Protection Status	No Protection Status	False	
LTU	LT99		Other	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")**

Number of detected records: 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**

Number of detected records: 0

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

Number of detected records: 0

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

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](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: 2

ISO3	DESIG ABBR	Category	DESIGNATE	CDDA sites	Total Area reference	Remark	Number of sites
LTU	LT00		No Protection Status	<b>False</b>			0
LTU	LT99		Others	<b>False</b>			0
							<b>0</b>

**! 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**

Number of detected records: 0

**! 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: **5**

ISO3	DESIG ABBR	Category	DESIGNATE	Number		Total Area	
				old	new	old	new
LTU	LT01	A	State Strict Reserve	6	6	18760	18769
LTU	LT02	A	Nature Reserve	260	260	161039	163267
LTU	LT03	A	State Park	35	35	603264	603290
LTU	LT05	A	Recuperational plot	3	3	876	875
LTU	LT06	A	Biosphere polygon	26	26	200104	200132

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

Number of detected records: **0**

**? 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**

Number of detected records: **0**

**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	No new sites	4.2.01
	No sites marked to be deleted	4.2.03
SITE_CODE_NAT	1 site (179170) has national site code changed (from 43 to 344)	4.2.05
	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
AREANAME	<i>Filled correctly</i>	4.2.12
	All sites have area name	4.2.13
SIZE	49 sites have size changed	4.2.15
	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	<b>331 sites have missing at least one of altitudes!</b>	4.2.25
LAT, LON	3 sites have coordinates changed	4.2.28
	All sites have coordinates	4.2.29
	<b>1 site (330648) has coordinates outside of reference geographic area of the country!</b>	4.2.30
To_be_deleted	No sites marked to be deleted	4.2.33
EIONET fields	<b>53 sites have at least one value in record changed. All of them have EIONET_CHNG_DATE either missing or not changed! All of changed sites have EIONET_CHNG_TYPE either missing or containing not allowed value! All of changed sites have EIONET_EDITED_BY missing! All of changed sites have EIONET_INSTITUTE missing!</b>	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****! 4.2.02 Sites deleted without marking them to be deleted**Number of detected records: **0****? 4.2.03 Sites marked to be deleted**Number of detected records: **0****! 4.2.04 Sites where "SITE\_CODE" is duplicated**Number of detected records: **0****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: **1 (0.3 %)**

SITE CODE	SITE CODE NAT		ISO3	DESIG ABBR	AREANAME	SIZE
	old	new				
179170	43	344	LTU	LT02	Sesupes krastovaizdzio draustinis	258
						258

**! 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****? 4.2.09 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

Number of detected designations: 0

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

As CDDA is feeding also global database of designated areas it is important to keep site name as unchanged as possible, if there is real legal change, please give remark about it into NOTES field, if it is correction of error, please mark it properly at the EIONET\_CHNG\_TYPE field (see 4.2.34).

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: 1 (0.3 %)

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME		SIZE
				old	new	
179075	178	LTU	LT02	GU_cbjĭ `VU `h`a c`c[ ]bĭg XfU ghĭbĭg	Sakonių balos telmologinis draustinis	61
						61

#### ? 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

Number of detected records: 0

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

When size entry of the site has changed it may refer to correction of error or real update of site record, please mark it properly at the EIONET\_CHNG\_TYPE field (see 4.2.34).

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=20262](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20262)

Number of detected records: 49 (14.8 %)

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE		NOTES
					old	new	
31550	3	LTU	LT01	Viesviles valstybinis gamtinis rezervatas	3220	3219	
31551	271	LTU	LT03	Dzukijos nacionalinis parkas	58519	58522	
62269	275	LTU	LT03	Anyksciu regioninis parkas	16183	16256	
62273	278	LTU	LT03	Birzu regioninis parkas	14534	14536	
62276	282	LTU	LT03	Kauno mariu regioninis parkas	9898	9896	
62281	284	LTU	LT03	Kurtuvenu regioninis parkas	15090	14874	
62282	285	LTU	LT03	Labanoro regioninis parkas	55305	55309	
62289	290	LTU	LT03	Pagramancio regioninis parkas	13431	13435	
62293	295	LTU	LT03	Salantu regioninis parkas	13104	13264	
62297	299	LTU	LT03	Varniu regioninis parkas	33472	33473	
62341	242	LTU	LT02	Zaliosios girios botaninis - zoologinis draustinis	3103	3101	

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SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE		NOTES
					old	new	
62469	84	LTU	LT02	Lapiu geomorfologinis draustinis	1109	1108	
62474	258	LTU	LT02	Merkio ichtiologinis draustinis	1593	2414	
62475	259	LTU	LT02	Minijos ichtiologinis draustinis	2797	2805	
145116	38	LTU	LT02	Raigardo krastovaizdzio draustinis	1073	1072	
179017	113	LTU	LT02	Avires hidrografinis draustinis	312	311	
179028	124	LTU	LT02	Kenos hidrografinis draustinis	165	163	
179029	125	LTU	LT02	Krazantes hidrografinis draustinis	535	510	
179063	162	LTU	LT02	Krakinio telmologinis draustinis	167	157	
179095	20	LTU	LT02	Jiesios krastovaizdzio draustinis	388	448	
179097	201	LTU	LT02	Gelednes botaninis draustinis	522	523	
179100	204	LTU	LT02	Kintu botaninis draustinis	515	519	
179107	211	LTU	LT02	Luzijos botaninis draustinis	65	66	
179110	214	LTU	LT02	Norkaiciu botaninis draustinis	517	518	
179122	225	LTU	LT02	Vidzgirio botaninis draustinis	389	388	
179126	23	LTU	LT02	Karoliniskiu krastovaizdzio draustinis	160	162	
179137	246	LTU	LT02	Papio ornitologinis draustinis	306	307	
179138	247	LTU	LT02	Pertako ornitologinis draustinis	378	377	
179146	254	LTU	LT02	Bartuvos ichtiologinis draustinis	478	458	
179147	255	LTU	LT02	Dubysos ichtiologinis draustinis	388	421	
179148	256	LTU	LT02	Juros ichtiologinis draustinis	1031	1514	
179149	257	LTU	LT02	Karkles ichtiologinis draustinis	21	22	
179150	260	LTU	LT02	Sventosios ichtiologinis draustinis	667	1153	
179151	261	LTU	LT02	Veivirzo ichtiologinis draustinis	2035	1953	
179152	262	LTU	LT02	Virintos ichtiologinis draustinis	106	165	
179153	263	LTU	LT02	Zeimenos ichtiologinis draustinis	1028	1438	
179158	268	LTU	LT02	Ringoves entomologinis draustinis	214	215	
179161	28	LTU	LT02	Liekas krastovaizdzio draustinis	205	196	
179164	306	LTU	LT01	Dubravos rezervatine apyrube	109	120	
179187	64	LTU	LT02	Nemunelio - Apascios geologinis draustinis	297	296	
179188	65	LTU	LT02	Pelysos geologinis draustinis	60	61	

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE		NOTES
					old	new	
179197	73	LTU	LT02	Dvarcioniu geomorfologinis draustinis	104	106	
179205	81	LTU	LT02	Krupynes geomorfologinis draustinis	331	323	
179220	97	LTU	LT02	Sakynos geomorfologinis draustinis	935	963	
326020	312	LTU	LT06	Birzu girios biosferos poligonas	17683	17684	
326021	313	LTU	LT06	Ó á[ •ÉJæā} ā\ ā Ā ā\ àā •^! [ •Ā [ ā [ ] æ	5173	5174	
326028	320	LTU	LT06	Simonių girios biosferos poligonas	23261	23263	
330654	336	LTU	LT06	Gelednes misko biosferos poligonas	1633	1655	
330657	338	LTU	LT06	Pertako misko biosferos poligonas	1123	1127	
					303732	306040	

**!** 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 "IUCNCAT" was changed

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

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

Number of detected records: 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 2008**

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: 6

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
LT01	State Strict Reserve	6	100	18770	0	0	0
LT02	Nature Reserve	260	100	163278	0	0	0
LT03	State Park	35	100	603293	0	0	0
LT04	Biosphere Reserve	1	100	18490	0	0	0
LT05	Recuperational plot	3	100	876	0	0	0
LT06	Biosphere polygon	26	100	200134	0	0	0
		331	100	1004841	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

**? 4.2.28 Sites where coordinates were changed**

Change in coordinate entry could be just due to update in national database or correction of and error, but if change is remarkable it could refer to real error appearance (for example swapping or shifting in GIS). Please check test results and if needed make corrections. Also mark records properly at EIONET\_CHNG\_TYPE field (see 4.2.34).

Data Dictionary reference/s:

[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)

[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)

**Legend - highlightings of result table fields**

LAT   Value was changed - difference <= 0,1 degree.  
  Value was changed - difference > 0,1 degree.  
LON   Value was changed - difference <= 0,1 degree.  
  Value was changed - difference > 0,1 degree.

Number of detected records: 3 (0.91 %)

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	LAT		LON	
						old	new	old	new
62340	239	LTU	LT02	Sudenu botaninis - zoologinis draustinis	110	56.091	56.089	21.217	21.214
179155	265	LTU	LT02	Gerdasiu entomologinis draustinis	12	53.9441	53.945	23.8815	23.88
179187	64	LTU	LT02	Nemunelio - Apascios geologinis draustinis	296	56.4126	56.413	24.8361	24.852
					<b>418</b>				

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

Number of detected designations: 0

#### ! 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 or are at least are less then 2 km of the nearest boundary of the country. 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 value 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: 1 (0.3 %)

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	LAT	LON
330648	330	LTU	LT02	Baltijos juros talasologinis draustinis	14027	55.885	20.981
					<b>14027</b>		

#### 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

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

Number of detected records: 0

**? 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!

 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: 53 (16.01 %)

SITE CODE	changed	EIONET				
		CHNG DATE		CHNG TYPE	EDITED BY	INSTITUTE
		old	new			
31550	size,					
31551	size,					
62269	size,					
62273	size,					
62276	size,					
62281	size,					
62282	size,					
62289	size,					
62293	size,					
62297	size,					
62340	lat, lon,					
62341	size,					
62469	size,					
62474	size,					
62475	size,					
145116	size,					
179017	size,					
179028	size,					
179029	size,					
179063	size,					
179075	areaname,					
179095	size,					
179097	size,					
179100	size,					
179107	size,					
179110	size,					
179122	size,					
179126	size,					
179137	size,					
179138	size,					
179146	size,					
179147	size,					
179148	size,					
179149	size,					
179150	size,					
179151	size,					

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SITE CODE	changed	EIONET				
		CHNG DATE		CHNG TYPE	EDITED BY	INSTITUTE
		old	new			
179152	size,					
179153	size,					
179155	lat, lon,					
179158	size,					
179161	size,					
179164	size,					
179170	site_code_nat,					
179187	size, lat, lon,					
179188	size,					
179197	size,					
179205	size,					
179220	size,					
326020	size,					
326021	size,					
326028	size,					
330654	size,					
330657	size,					

### **4.3 Sitehabitats table**

Table contains no records!