

**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**

**Austria**

**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	64	64
sites	1097	1097
sitehabitats	2778	2778

### 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	64	64	100.00	100.00
DESIG_ABBR	64	64	100.00	100.00
Category	62	62	96.88	96.88
ODESIGNATE	64	64	100.00	100.00
DESIGNATE	31	31	48.44	48.44
Title_French	5	5	7.81	7.81
CDDA_sites	5	5	7.81	7.81
Law	38	36	59.38	56.25
Lawreference	38	36	59.38	56.25
Agency	37	36	57.81	56.25
Number	23	23	35.94	35.94

Field	records filled in old	records filled in new	completeness (%) in old	completeness (%) in new
Total_Area	23	23	35.94	35.94
Data_Source	4	4	6.25	6.25
Reference_date	4	4	6.25	6.25
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	1097	1097	100.00	100.00
SITE_CODE_NAT	1097	1097	100.00	100.00
ISO3	1097	1097	100.00	100.00
DESIG_ABBR	1097	1097	100.00	100.00
AREANAME	1097	1097	100.00	100.00
SIZE	1095	1095	99.82	99.82
IUCNCAT	1097	1097	100.00	100.00
NUTS	1097	1097	100.00	100.00
YEAR	1097	1097	100.00	100.00
ALTITUDE_MIN	1090	1090	99.36	99.36
ALTITUDE_MAX	1090	1090	99.36	99.36
LAT	1094	1094	99.73	99.73
LON	1094	1094	99.73	99.73
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	2778	2778	100.00	100.00
EUNIS_Hab	2776	2776	99.93	99.93
Cover	2778	2778	100.00	100.00

## 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	<b>33 designations have missing English name!</b>	4.1.15
Title_French	59 designations have missing French name	
CDDA_sites	<b>42 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! 9 designations still have valid sites in Sites table!</b>	4.1.17
Law	<b>16 designations have missing "Law"!</b>	4.1.18
Lawreference	<b>8 designations have missing "Lawreference"!</b>	4.1.18
Agency	<b>26 designations have missing "Agency"!</b>	4.1.19
Number, Total_Area	Filled correctly	4.1.20
Number_reference	4 designations have "Number_reference" filled.	4.1.23
Total_Area_reference	4 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

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: **64**

ISO3	DESIG ABBR	Number of sites in			Total area (ha) in		
		old dataset	new dataset	GIS	old dataset	new dataset	GIS
AUT	AT00	0	0	0	0	0	
AUT	AT01	10	10	10	252292.16	252292.16	249926.96
AUT	AT02	29	29	29	168180.84	168180.84	181934.07
AUT	AT03	377	377	364	317622.19	317622.19	284833.19
AUT	AT04	265	265	226	1450837.07	1450837.07	1312739.31
AUT	AT05	1	1	1	37669.32	37669.32	37893.87
AUT	AT06	323	323	297	43175.12	43175.12	43253.43
AUT	AT07	1	1	1	3795.13	3795.13	3738.09
AUT	AT08	7	7	1	3853.24	3853.24	3868.78
AUT	AT09	1	1	1	7702.31	7702.31	7695.83
AUT	AT10	63	63	56	42262.5	42262.5	43144.83
AUT	AT11	1	1	1	3296.11	3296.11	3276.65
AUT	AT12	0	0	0	0	0	
AUT	AT13	0	0	0	0	0	
AUT	AT14	0	0	0	0	0	
AUT	AT15	0	0	0	0	0	
AUT	AT16	0	0	0	0	0	



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ISO3	DESIG ABBR	Number of sites in			Total area (ha) in		
		old dataset	new dataset	GIS	old dataset	new dataset	GIS
AUT	AT17	0	0	0	0	0	
AUT	AT18	0	0	0	0	0	
AUT	AT19	0	0	0	0	0	
AUT	AT20	0	0	0	0	0	
AUT	AT21	0	0	0	0	0	
AUT	AT22	0	0	0	0	0	
AUT	AT23	2	2	2	3.32	3.32	3.33
AUT	AT24	0	0	0	0	0	
AUT	AT25	1	1	1	451	451	308.82
AUT	AT26	1	1	1	1051	1051	1074.49
AUT	AT27	1	1	1	2950	2950	2921.17
AUT	AT28	2	2	2	6880.89	6880.89	6869.23
AUT	AT29	0	0	0	0	0	
AUT	AT30	0	0	0	0	0	
AUT	AT31	0	0	0	0	0	
AUT	AT32	0	0	0	0	0	
AUT	AT33	0	0	0	0	0	
AUT	AT34	0	0	0	0	0	
AUT	AT35	0	0	0	0	0	
AUT	AT36	0	0	0	0	0	
AUT	AT37	0	0	0	0	0	
AUT	AT38	0	0	0	0	0	
AUT	AT41	0	0	0	0	0	
AUT	AT42	0	0	0	0	0	
AUT	AT43	0	0	0	0	0	
AUT	AT44	0	0	0	0	0	
AUT	AT45	0	0	0	0	0	
AUT	AT46	0	0	0	0	0	
AUT	AT47	0	0	0	0	0	
AUT	AT48	0	0	0	0	0	
AUT	AT49	0	0	0	0	0	
AUT	AT50	0	0	0	0	0	
AUT	AT51	0	0	0	0	0	
AUT	AT52	1	1	1	2959.21	2959.21	1111.23
AUT	AT53	0	0	0	0	0	
AUT	AT54	4	4	4	2897.69	2897.68	3150.1
AUT	AT55	1	1	0	17602.9	17602.9	
AUT	AT56	2	2	0	15491.72	15491.72	
AUT	AT57	1	1	0	168.74	168.74	
AUT	AT58	3	3	0	746.05	746.05	
AUT	AT59	0	0	0	0	0	
AUT	AT60	0	0	0	0	0	
AUT	AT61	0	0	0	0	0	
AUT	AT62	0	0	0	0	0	
AUT	AT63	0	0	0	0	0	
AUT	AT98	0	0	0	0	0	

ISO3	DESIG ABBR	Number of sites in			Total area (ha) in		
		old dataset	new dataset	GIS	old dataset	new dataset	GIS
AUT	AT99	0	0	0	0	0	
		<b>1097</b>	<b>1097</b>	<b>999</b>	<b>2381888.51</b>	<b>2381888.5</b>	<b>2187743.38</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: **42**

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	CDDA sites	Remark
AUT	AT00		Ohne Schutzstatus	No Protection Status	False	
AUT	AT12	A	Baumschutz (in der Stadt Salzburg)	Tree Protection (in Salzburg city)	False	
AUT	AT13	A	Moorschutz		False	
AUT	AT14	A	Feuchtgebietsschutz	Wetland Protection	False	
AUT	AT15	A	Auwaldschutz		False	
AUT	AT16	A	Schutz stehender Gewässer (einschließlich Uferbereich)		False	
AUT	AT17	A	Schutz fließender Gewässer (einschließlich Uferbereich)		False	
AUT	AT18	A	Schutz der Gletscher		False	
AUT	AT19	A	Schutz der Alpinregion (bzw. d. Alpinen Ödlandes)		False	
AUT	AT20	A	Seltene und bedrohte Tierarten (aufgelistet) sowie deren Lebensräume		False	
AUT	AT21	A	Seltene und bedrohte Pflanzenarten (aufgelistet) sowie deren Lebensräume		False	
AUT	AT22	A	Pilze		False	
AUT	AT24	A	Besonders geschützte Höhle		True	
AUT	AT29	A	Biosphärenpark	Biosphere Park	True	
AUT	AT30	A	Europaschutzgebiet		True	
AUT	AT31	B	Naturwaldzellen (Forstrecht)	Natural Forest Cells (Forest Law)	False	
AUT	AT32	B	Erholungswald (Forstrecht)		False	
AUT	AT33	B	Schutzwald (Forstrecht)	Protective Forest (Forest Law)	False	
AUT	AT34	B	Wasserschutzgebiete (Wasserrecht)	Water Protection Area (Water Law)	True	
AUT	AT35	B	Wasserschongebiete (Wasserrecht)		True	

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	CDDA sites	Remark
AUT	AT36	B	Ökologisch besonders wertvolle Gebiete (Raumordnung)		False	
AUT	AT37	B	Wasserwirtschaftliche Rahmenpläne		True	
AUT	AT38	B	Wasserwirtschaftliche Rahmenverfügungen		True	
AUT	AT41	C	Moorerhaltungsprämien		False	
AUT	AT42	C	Mähprämien in Streuwiesen		False	
AUT	AT43	C	Mähprämien in sonstigen Feuchtwiesen		False	
AUT	AT44	C	Mähprämien in Halbtrockenrasen		False	
AUT	AT45	C	Weideverzichtsprämien (zumeist in Feuchtgebieten)		False	
AUT	AT46	C	Beweidungsprämien (zumeist in Halbtrockenrasen oder Almbereich)		False	
AUT	AT47	C	Lärchenwiesenprämien (zur Erhaltung der traditionellen Kulturform "Lärchenwiese")		False	
AUT	AT48	C	Düngeverzichtsprämien (zumeist in Feuchtgebieten und Halbtrockenrasen)		False	
AUT	AT49	C	Almbewirtschaftungsprämien		False	
AUT	AT50	C	Prämien für Außernutzungstellung von ökol. wertvollen Gebieten wie Näturwäldern, Auwäldern		False	
AUT	AT51	A	Ökologische Entwicklungsfläche	Ecological Development Area	True	
AUT	AT53	A	Seen		False	
AUT	AT59	A	Europaschutzgebiet	European protection area (Natura 2000)	False	
AUT	AT60	A	Europaschutzgebiet	European protection area (Natura 2000)	False	
AUT	AT61	A	Europaschutzgebiet	European protection area (Natura 2000)	False	
AUT	AT62	A	Europaschutzgebiet	European protection area (Natura 2000)	False	
AUT	AT63	A	Natura 2000	European protection area (Natura 2000)	False	
AUT	AT98	B	Lake Protection Area	Lake Protection Area	True	
AUT	AT99		Anderen	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**

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: 33

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Number of sites
AUT	AT09	A	Sonstige Landschaftsteile		1
AUT	AT13	A	Moorschutz		0
AUT	AT15	A	Auwaldschutz		0
AUT	AT16	A	Schutz stehender Gewässer (einschließlich Uferbereich)		0
AUT	AT17	A	Schutz fließender Gewässer (einschließlich Uferbereich)		0
AUT	AT18	A	Schutz der Gletscher		0
AUT	AT19	A	Schutz der Alpinregion (bzw. d. Alpenen Ödlandes)		0

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Number of sites
AUT	AT20	A	Seltene und bedrohte Tierarten (aufgelistet) sowie deren Lebensräume		0
AUT	AT21	A	Seltene und bedrohte Pflanzenarten (aufgelistet) sowie deren Lebensräume		0
AUT	AT22	A	Pilze		0
AUT	AT24	A	Besonders geschützte Höhle		0
AUT	AT26	A	Sümpfe und Quellfluren		1
AUT	AT27	A	Bruch- und Galeriewälder		1
AUT	AT28	A	Magerwiesen		2
AUT	AT30	A	Europaschutzgebiet		0
AUT	AT32	B	Erholungswald (Forstrecht)		0
AUT	AT35	B	Wasserschongebiete (Wasserrecht)		0
AUT	AT36	B	Ökologisch besonders wertvolle Gebiete (Raumordnung)		0
AUT	AT37	B	Wasserwirtschaftliche Rahmenpläne		0
AUT	AT38	B	Wasserwirtschaftliche Rahmenverfügungen		0
AUT	AT41	C	Moorerhaltungsprämien		0
AUT	AT42	C	Mähprämien in Streuwiesen		0
AUT	AT43	C	Mähprämien in sonstigen Feuchtwiesen		0
AUT	AT44	C	Mähprämien in Halbtrockenrasen		0
AUT	AT45	C	Weideverzichtsprämien (zumeist in Feuchtgebieten)		0
AUT	AT46	C	Beweidungsprämien (zumeist in Halbtrockenrasen oder Almbereich)		0
AUT	AT47	C	Lärchenwiesenprämien (zur Erhaltung der traditionellen Kulturform "Lärchenwiese")		0
AUT	AT48	C	Düngeverzichtsprämien (zumeist in Feuchtgebieten und Halbtrockenrasen)		0
AUT	AT49	C	Almbewirtschaftungsprämien		0
AUT	AT50	C	Prämien für Außernutzungstellung von ökol. wertvollen Gebieten wie Naturwäldern, Auwäldern		0
AUT	AT52	A	Ex-lege-Schutz Wald und Wiesengürtel		1
AUT	AT53	A	Seen		0
AUT	AT54	A	Sonderschutzgebiete		4
					<b>10</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

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: **42**

ISO3	DESIG ABBR	Category	DESIGNATE	CDDA sites	Total Area reference	Remark	Number of sites
AUT	AT00		No Protection Status	False			0
AUT	AT09	A		False			1
AUT	AT11	A	Natural Caves	False			1
AUT	AT12	A	Tree Protection (in Salzburg city)	False			0
AUT	AT13	A		False			0
AUT	AT14	A	Wetland Protection	False			0
AUT	AT15	A		False			0
AUT	AT16	A		False			0
AUT	AT17	A		False			0
AUT	AT18	A		False			0
AUT	AT19	A		False			0
AUT	AT20	A		False			0
AUT	AT21	A		False			0
AUT	AT22	A		False			0
AUT	AT26	A		False			1
AUT	AT27	A		False			1
AUT	AT28	A		False			2
AUT	AT31	B	Natural Forest Cells (Forest Law)	False			0
AUT	AT32	B		False			0
AUT	AT33	B	Protective Forest (Forest Law)	False			0
AUT	AT36	B		False			0
AUT	AT41	C		False			0
AUT	AT42	C		False			0
AUT	AT43	C		False			0
AUT	AT44	C		False			0
AUT	AT45	C		False			0
AUT	AT46	C		False			0
AUT	AT47	C		False			0
AUT	AT48	C		False			0
AUT	AT49	C		False			0
AUT	AT50	C		False			0
AUT	AT53	A		False			0

ISO3	DESIG ABBR	Category	DESIGNATE	CDDA sites	Total Area reference	Remark	Number of sites
AUT	AT55	A	European protection area (Natura 2000)	False			1
AUT	AT56	A	European protection area (Natura 2000)	False			2
AUT	AT57	A	European protection area (Natura 2000)	False			1
AUT	AT58	A	European protection area (Natura 2000)	False			3
AUT	AT59	A	European protection area (Natura 2000)	False			0
AUT	AT60	A	European protection area (Natura 2000)	False			0
AUT	AT61	A	European protection area (Natura 2000)	False			0
AUT	AT62	A	European protection area (Natura 2000)	False			0
AUT	AT63	A	European protection area (Natura 2000)	False			0
AUT	AT99		Others	False			0
							13

**! 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: **17**

ISO3	DESIG ABBR	Category	DESIGNATE	Law	Lawreference	Number of sites
AUT	AT07	A	Protected Greenbelt			1
AUT	AT09	A				1
AUT	AT20	A				0
AUT	AT21	A				0
AUT	AT22	A				0
AUT	AT31	B	Natural Forest Cells (Forest Law)			0
AUT	AT36	B		L35		0
AUT	AT55	A	European protection area (Natura 2000)		LGBL. Niederösterreich 5500-3;...	1
AUT	AT56	A	European protection area (Natura 2000)		LGBL. Oberösterreich Nr. 129/2...	2
AUT	AT57	A	European protection area (Natura 2000)		LGBL Salzburg Nr 1/2002; § 22a...	1
AUT	AT58	A	European protection area (Natura 2000)		LGBL Steiermark LGBL. Nr. 65/...	3
AUT	AT59	A	European protection area (Natura 2000)		LGBL Vorarlberg LGBL.Nr. 22/19...	0

ISO3	DESIG ABBR	Category	DESIGNATE	Law	Lawreference	Number of sites
AUT	AT60	A	European protection area (Natura 2000)		LGBL Burgenland LGBLNr 27/1991...	0
AUT	AT61	A	European protection area (Natura 2000)		LGBL Kärnten Nr. 12/2002, Kärn...	0
AUT	AT62	A	European protection area (Natura 2000)		LGBL Wien Nr. 45/1998, Wiener ...	0
AUT	AT63	A	European protection area (Natura 2000)		LGBL Tirol Nr. 50/2004, Tirole...	0
AUT	AT98	B	Lake Protection Area			0
						<b>9</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: **26**

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Agency	Number of sites
AUT	AT07	A	Geschützte Grünbestände	Protected Greenbelt		1
AUT	AT09	A	Sonstige Landschaftsteile			1
AUT	AT20	A	Seltene und bedrohte Tierarten (aufgelistet) sowie deren Lebensräume			0
AUT	AT21	A	Seltene und bedrohte Pflanzenarten (aufgelistet) sowie deren Lebensräume			0
AUT	AT22	A	Pilze			0
AUT	AT31	B	Naturwaldzellen (Forstrecht)	Natural Forest Cells (Forest Law)		0
AUT	AT41	C	Moorerhaltungsprämien			0
AUT	AT42	C	Mähprämien in Streuwiesen			0
AUT	AT43	C	Mähprämien in sonstigen Feuchtwiesen			0
AUT	AT44	C	Mähprämien in Halbtrockenrasen			0
AUT	AT45	C	Weideverzichtsprämien (zumeist in Feuchtgebieten)			0
AUT	AT46	C	Beweidungsprämien (zumeist in Halbtrockenrasen oder Almbereich)			0
AUT	AT47	C	Lärchenwiesenprämien (zur Erhaltung der traditionellen Kulturform "Lärchenwiese")			0
AUT	AT48	C	Düngeverzichtsprämien (zumeist in Feuchtgebieten und Halbtrockenrasen)			0
AUT	AT49	C	Almbewirtschaftungsprämien			0
AUT	AT50	C	Prämien für Außernutzungstellung von ökol. wertvollen Gebieten wie Naturwäldern, Auwäldern			0



ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Agency	Number of sites
AUT	AT55	A	Europaschutzgebiet	European protection area (Natura 2000)		1
AUT	AT56	A	Europaschutzgebiet	European protection area (Natura 2000)		2
AUT	AT57	A	Europaschutzgebiet	European protection area (Natura 2000)		1
AUT	AT58	A	Europaschutzgebiet	European protection area (Natura 2000)		3
AUT	AT59	A	Europaschutzgebiet	European protection area (Natura 2000)		0
AUT	AT60	A	Europaschutzgebiet	European protection area (Natura 2000)		0
AUT	AT61	A	Europaschutzgebiet	European protection area (Natura 2000)		0
AUT	AT62	A	Europaschutzgebiet	European protection area (Natura 2000)		0
AUT	AT63	A	Natura 2000	European protection area (Natura 2000)		0
AUT	AT98	B	Lake Protection Area	Lake Protection Area		0
						<b>9</b>

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

Number of detected records: 0

#### ? 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

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

*CDDA - Report on analysis of National Database - Austria*

ISO3	DESIG ABBR	Number reference	Total Area reference	Data Source	Reference date	Number of sites
AUT	AT01	5	232900	First Austrian National Report on the Convention on Biological Diversity	1997	10
AUT	AT02	26	58000	Website Umweltbundesamt "www.ubavie.gv.at"	1995	29
AUT	AT03	349	283000	First Austrian National Report on the Convention on Biological Diversity	1997	377
AUT	AT04	247	1606000	First Austrian National Report on the Convention on Biological Diversity	1997	265
						<b>681</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	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
AREANAME	All sites have area name	4.2.13
	33 area names are duplicated (70 sites have these names totally).	4.2.14
SIZE	<b>2 sites have missing size!</b>	4.2.16
	<b>54 sites have size significantly greater/smaler than GIS area or size is greater then reference size of ISO3 country!</b>	4.2.17
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>7 sites have missing at least one of altitudes!</b>	4.2.25
	<b>3 sites have minimal altitude out of reference elevation range of the country (115.00m - 3797.00m)!</b>	4.2.27
LAT, LON	<b>3 sites have missing coordinates!</b>	4.2.29
	<b>5 sites have coordinates outside of reference geographic area of the country!</b>	4.2.30
	8 pairs of coordinates are duplicated (16 sites have these coordinates totally).	4.2.31
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

**!** 4.2.02 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

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

**?** 4.2.09 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

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: **70**

**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]
Blockheide-Eibenstein [2x], Buchenberg [2x], Dachstein [2x], Dobersberg [2x], Dolnji Trink [2x], Donau-Auen [2x], Egelsee [2x], Eisenwurzen [2x], Falkenstein [3x], Fuschlsee [2x], Geras [2x], Glasbach in Aigen [2x], Goldberg [2x], Hohe Tauern [3x], Hörfeld [2x], Leiser Berge [2x], Lustbühel [2x], Neusiedler See und Umgebung [2x], Neydhartinger Moor [2x], Obertauern [2x], Pöllauer Tal [2x], Raab [2x], Schloßberg [2x], Siegendorfer Pußta und Heide [2x], Sierningtal [2x], Strußnig Teich [2x], Tennengebirge [2x], Thayatal [3x], Unterer Inn [2x], Untersberg [3x], Villacher Alpe (Dobratsch) [2x], Zeller See [2x], Zirbitzkogel [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**

Missing entries at SIZE field are affecting indicator production, because on a basis of size field designated area is counted per country. If site is very small or point object SIZE entry can be 0.

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)

**Legend - highlightings of result table fields**

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

Number of detected designations: **1**

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
AT03	Nature Reserve	2	0.53	0	0	0	0
		2	0.18	0	0	0	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.

This test compares size of sites with total area of respective GIS polygons provided in boundary files. Results shows all sites where SIZE is 10 times greater or smaller then respective GIS area and all sites with SIZE > 10 ha where it differ from GIS area more than 50%.

Size of one site can not be bigger than size of country it is coming from, if it is a case there is definite error (test is basing on ISO3 entries and counts in also area of overseas territories), please check if you have entered SIZE in hectares as required and if any comma or point have not disappeared before delivery of data.

Reference source for the country size is The CIA's World Factbook, available at following URL:

<https://www.cia.gov/library/publications/the-world-factbook/index.html>

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: **54 (4.92 %)**

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

list of sites (SIZE and GIS area in ha)
4360 (SIZE: 145; GIS: 833.9), 4361 (SIZE: 480; GIS: 50.1), 5456 (SIZE: 68.3; GIS: 14.8), 5484 (SIZE: 39.4; GIS: 392.7), 5487 (SIZE: 254; GIS: 25.7), 5503 (SIZE: 2.7; GIS: 27.9), 19051 (SIZE: 45; GIS: 15.9), 19163 (SIZE: 6.6; GIS: 6517.9), 19217 (SIZE: 7140; GIS: 486.5), 19222 (SIZE: 2120; GIS: 30156.1), 31432 (SIZE: 3600; GIS: 11558.7), 32532 (SIZE: 1649.5; GIS: 4930.8), 32543 (SIZE: 1630.6; GIS: 474.5), 62838 (SIZE: 16; GIS: 1495.2), 102654 (SIZE: 797.9; GIS: 1579), 102699 (SIZE: 107.9; GIS: 451), 102779 (SIZE: 686.9; GIS: 67.9), 102789 (SIZE: 504.7; GIS: 1612.3), 102850 (SIZE: 61; GIS: 13776.5), 103222 (SIZE: 21.2; GIS: 35.5), 103321 (SIZE: 12.6; GIS: 1.5), 103441 (SIZE: 13.9; GIS: 66), 103449 (SIZE: 145; GIS: 13772.4), 103454 (SIZE: 85.5; GIS: 361.1), 103456 (SIZE: 12; GIS: 21.5), 103469 (SIZE: 240; GIS: 116.1), 103470 (SIZE: 190; GIS: 289.6), 103471 (SIZE: 820; GIS: 1254.2), 103493 (SIZE: 12; GIS: 48.4), 103582 (SIZE: 0.2; GIS: 2.6), 103583 (SIZE: 15.8; GIS: 4.7), 106620 (SIZE: 19.2; GIS: 5.5), 169128 (SIZE: 34.2; GIS: 101.2), 169133 (SIZE: 1096.1; GIS: 2258.8), 169152 (SIZE: 33.6; GIS: 68.2), 169153 (SIZE: 16.2; GIS: 35.4), 169155 (SIZE: 6637.1; GIS: 36.7), 169175 (SIZE: 315.3; GIS: 1033), 169195 (SIZE: 1; GIS: 0), 169240 (SIZE: 1; GIS: 0.1), 169256 (SIZE: 0.2; GIS: 0), 169276 (SIZE: 0.1; GIS: 1.6), 169287 (SIZE: 0.2; GIS: 2.1), 169336 (SIZE: 1.5; GIS: 0.1), 169360 (SIZE: 0.5; GIS: 12.8), 169369 (SIZE: 80; GIS: 17.4), 169402 (SIZE: 1; GIS: 0), 169450 (SIZE: 0.1; GIS: 0), 169477 (SIZE: 0.1; GIS: 3.1), 169499 (SIZE: 875; GIS: 88.7), 169510 (SIZE: 12; GIS: 0.2), 169593 (SIZE: 2959.2; GIS: 1111.2), 169595 (SIZE: 220; GIS: 472.5), 332708 (SIZE: 336; GIS: 21.7)

#### 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

Number of detected designations: **0**

#### ! 4.2.20 Number of sites by IUCN category where "IUCN CAT" is not present in official list ("IUCN CATEGORIES" 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 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 correctedNumber of detected designations: **4**

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
AT55	European protection area (Natura 2000)	1	100	17602.9	0	0	0
AT56	European protection area (Natura 2000)	2	100	15491.7	0	0	0
AT57	European protection area (Natura 2000)	1	100	168.7	0	0	0
AT58	European protection area (Natura 2000)	3	100	746.1	0	0	0
		<b>7</b>	<b>0.64</b>	<b>34009.4</b>	<b>0</b>	<b>0</b>	<b>0</b>

**! 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**






Site altitudes should not be outside of elevation range of the country. However if altitude is less then minimal country elevation it can refer to fact that site is whole or partially under water. Very small oversize in maximal elevation can be caused by differences in used elevation source and can be acceptable.

Reference country minimal and maximal altitude can be seen in SUM row. Reference source for the country elevation range is The CIA's World Factbook, available at following URL:

<https://www.cia.gov/library/publications/the-world-factbook/index.html>

Data Dictionary reference/s:

[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)[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)**Legend - highlightings of result table fields**

ALTITUDE MIN		Value is lower than minimal country elevation. Check whether it is an error or the site is completely or partially located under water (bellow sea or lake level)!
		Value is higher than maximal country elevation. Error!
ALTITUDE MAX		Value is lower than minimal country elevation. Check whether it is an error or the site is completely or partialy located under water (bellow sea or lake level)!
		Value is greater than maximal country elevation, but no more than 10 m. Check whether it is an error or because used altitude source was slightly different!
		Value is more than 10 m higher than maximal country elevation. Error!

Number of detected records: **3 (0.27 %)**

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	ALTITUDE	
						MIN	MAX
1218	1007	AUT	AT03	Neusiedler See und Umgebung	41590	104	303
62709	1036	AUT	AT01	Neusiedler See - Seewinkel	9691	111	127
102857	1008	AUT	AT04	Neusiedler See und Umgebung	41590	104	303
					<b>92871</b>	<b>ref. 115.00</b>	<b>ref. 3797.00</b>

#### ? 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 correctedNumber of detected designations: **3**

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
AT55	European protection area (Natura 2000)	1	100	17602.9	0	0	0
AT57	European protection area (Natura 2000)	1	100	168.7	0	0	0
AT58	European protection area (Natura 2000)	1	33.33	220.3	0	0	0
		<b>3</b>	<b>0.27</b>	<b>17991.9</b>	<b>0</b>	<b>0</b>	<b>0</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: **5 (0.46 %)**

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	LAT	LON
5419	8003	AUT	AT03	Bangser Ried	63	47.26714	9.53848
62709	1036	AUT	AT01	Neusiedler See - Seewinkel	9691	47.69611	16.74283
103194	8021	AUT	AT03	Rohrach	47.5	47.58798	9.81635
169190	6382	AUT	AT06	Wehranlage Dedenitz	0	46.6928	16.0388
169419	5053	AUT	AT06	Saalach-Altarm und Feuchtwiesen in Wals	10.4	47.77366	12.93084
					<b>9811.9</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: **16**

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	LAT	LON
31402	5558	AUT	AT03	Kalkhochalpen	23709.8	47.51572	12.83914
102721	5185	AUT	AT04	Dießbachsee	101.3	47.51572	12.83914
31406	5150	AUT	AT04	Schafberg-Salzkammergutseen	5655.6	47.79618	13.39715
169267	5030	AUT	AT06	Feuchtwiesen beim Egelsee in Scharfling	6.8	47.79618	13.39715
102741	3028	AUT	AT04	Buchenberg	239	47.94893	14.77792
102883	3103	AUT	AT02	Buchenberg	239	47.94893	14.77792
64549	3098	AUT	AT02	Falkenstein	18	48.75085	15.70676
103586	3069	AUT	AT03	Falkenstein	18	48.75085	15.70676
5425	3054	AUT	AT03	Blockheide-Eibenstein	140	48.77879	14.99905
102882	3088	AUT	AT02	Blockheide-Eibenstein	140	48.77879	14.99905
102887	3091	AUT	AT02	Geras	144	48.79796	15.65841
103579	3061	AUT	AT03	Geras	144	48.79796	15.65841
102886	3090	AUT	AT02	Gemeindeau-Heidenreichstein	30	48.8533	15.14575
103574	3056	AUT	AT03	Gemeindeau	29.6	48.8533	15.14575
103578	3058	AUT	AT03	Thayatal	771.5	48.8537	15.83646
169111	3107	AUT	AT01	Thayatal	1330	48.8537	15.83646
					<b>32716.6</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

Number of detected records: **0**

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

Number of detected records: **0**

### 4.3 Sitehabitats table

Following tests are performed with full sitehabitats 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.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/dstable.jsp?mode=view&table\\_id=4038](http://dd.eionet.europa.eu/dstable.jsp?mode=view&table_id=4038)

#### Summary of the test results

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

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	1085 valid sites have some habitats assigned (totally 2776 habitat records). 12 valid sites have no habitats assigned.	4.3.03
EUNIS_Hab	<b>Habitat codes of 2 habitat records are either empty or incorrect!</b>	4.3.04
	8 main habitat categories are present in table. Habitat records are distributed among EUNIS habitat levels as it follows: level 1: 0, level 2: 2776, level 3: 0, level 4: 0. Habitat records of first level should be more specified.	4.3.05
Cover	All 1087 valid sites with habitats assigned have total cover of habitats $\geq 100\%$ .	4.3.08

#### ! 4.3.01 Number of habitat records by sites which are not present in "Sites" table

Number of detected sites: 0

#### ? 4.3.02 Number of habitat records by sites which are marked to be deleted in "Sites" table

Number of detected sites: 0

#### i 4.3.03 Number of habitat records, sites with habitats and sites without habitats subdivided by designation

This statistical test is showing completeness of habitat data per designation and is there to help in data compilation at national level.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=23687](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=23687)

#### Legend - highlightings of result table fields

Sites without habitats  Number of sites where habitats should be added - number

Number of designations: 22

DESIG ABBR	DESIGNATE	Habitat records		Sites with habitats		Sites without habitats	
		number	%	number	%	number	%
AT01	National Park	58	2.09	10	100	0	0
AT02	Nature Park	145	5.22	29	100	0	0
AT03	Nature Reserve	828	29.81	374	99.2	3	0.8
AT04	Landscape Protection Area	1154	41.54	265	100	0	0
AT05	Rest Area	10	0.36	1	100	0	0
AT06	Protected Landscape Section	435	15.66	323	100	0	0
AT07	Protected Greenbelt	6	0.22	1	100	0	0

DESIG ABBR	DESIGNATE	Habitat records		Sites with habitats		Sites without habitats	
		number	%	number	%	number	%
AT08	Protected Natural Objects of local importance	14	0.5	7	100	0	0
AT09		6	0.22	1	100	0	0
AT10	Natural Monument or Site	69	2.48	63	100	0	0
AT11	Natural Caves	7	0.25	1	100	0	0
AT23	Protected Habitat	2	0.07	2	100	0	0
AT25	Flora Protection Area	2	0.07	1	100	0	0
AT26		3	0.11	1	100	0	0
AT27		7	0.25	1	100	0	0
AT28		12	0.43	2	100	0	0
AT52		8	0.29	1	100	0	0
AT54		12	0.43	4	100	0	0
AT55	European protection area (Natura 2000)	0	0	0	0	1	100
AT56	European protection area (Natura 2000)	0	0	0	0	2	100
AT57	European protection area (Natura 2000)	0	0	0	0	1	100
AT58	European protection area (Natura 2000)	0	0	0	0	3	100
		<b>2778</b>	<b>100</b>	<b>1087</b>	<b>99.09</b>	<b>10</b>	<b>0.91</b>

#### ! 4.3.04 Habitat records where habitat code is either empty or incorrect (not present in official list)

If habitat code (field EUNIS\_Hab) entry is not present at the look-up table it is impossible to perform statistical overview and produce indicator basing on habitats, please always check that habitat code is coming from look-up table "EUNIS\_habitats\_level\_4"

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=23946](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=23946)

[http://dd.eionet.europa.eu/dstable.jsp?mode=view&table\\_id=3418](http://dd.eionet.europa.eu/dstable.jsp?mode=view&table_id=3418)

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

EUNIS Hab   Empty or incorrect code (error)

Number of detected records: **2 (0.07 % of all habitat records)**

SITE CODE	EUNIS Hab	Cover
169190		100
169574		100

#### i 4.3.05 Number of habitat records by habitat categories subdivided by habitat level

This test is giving a statistical overview of habitat levels (showing level of precise of inventories) per habitat categories and also is pointing to possible errors when country with no marine territory has delivered marine habitats. Please check and correct possible errors.

Data Dictionary reference/s:

[http://dd.eionet.europa.eu/data\\_element.jsp?mode=view&delem\\_id=23946](http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=23946)

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

Number of habitat records - level 1   Minimal recommended level is second. Detected records should be more specified.

whole row value Country doesn't have a coast! Sites can't have Marine or Coastal habitats!

Number of detected habitat categories: **8**

Hab category	Scientific name	Number of habitat records			
		level 1	level 2	level 3	level 4
C	Inland surface waters		119		
D	Mires, bogs and fens		29		
E	Grasslands and lands dominated by forbs, mosses or lichens		589		
F	Heathland, scrub and tundra		135		
G	Woodland, forest and other wooded land		979		
H	Inland unvegetated or sparsely vegetated habitats		202		
I	Regularly or recently cultivated agricultural, horticultural and domestic habitats		487		
J	Constructed, industrial and other artificial habitats		236		
		(0 %)	2776 (99.93 %)	(0 %)	(0 %)

#### ! 4.3.06 Number of habitat records by categories where coverage is empty or 0

Number of detected habitat categories: 0

#### ! 4.3.07 Habitat records where coverage is > 100%

Number of detected records: 0

#### i 4.3.08 Sites where total habitat coverage is < 100%

Number of detected sites: 0