

**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

Romania

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

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:

-  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.

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).

2 Table of content

1 Introduction

2 Table of content

i

3 Main statistics

3.1 Field completeness

i 3.1.1 Designations table

i 3.1.2 Sites table

i 3.1.3 Sitehabitats table

4 Analysis of data

4.1 Designations table

i 4.1.01 New designations

! 4.1.02 Designations deleted without marking them to be deleted

? 4.1.03 Designations marked to be deleted

i 4.1.04 Comparison of number of sites and total area of individual designations between old and new datasets

? 4.1.05 Designations not present in "SITES" table

! 4.1.06 Designations where ISO3 is empty

! 4.1.07 Designations where "DESIG_ABBR" is empty

! 4.1.08 Designations where "DESIG_ABBR" do not follow official naming convention

! 4.1.09 Designations where "DESIG_ABBR" is duplicated

i 4.1.10 Designations where "Category" has been changed

! 4.1.11 Designations where "Category" is empty (numeric part of "DESIG_ABBR" is different then "00" and "99")

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

i 4.1.13 Designations where "DESIGNATE" has been changed

! 4.1.14 Designations where "DESIGNATE" is empty

! 4.1.15 Designations where "ODESIGNATE" is empty

i 4.1.16 Designations where "CDDA_sites" has been changed

? 4.1.17 Designations where "CDDA_sites" is False (No)

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

! 4.1.19 Designations where "Agency" is empty

! 4.1.20 Designations where "Number" or "Total_Area" have been changed

? 4.1.21 Designations where "Number_reference" has been changed

? 4.1.22 Designations where "Total_Area_reference" has been changed

? 4.1.23 Designations where "Number_reference", "Total_Area_reference", "Date_Source" or "Reference_date" is not empty

i 4.1.24 Designations where "Remark" or "Remark_source" is not empty

! 4.1.25 Designations marked to be deleted but where "Remark" is empty

4.2 Sites table

i 4.2.01 New sites

! 4.2.02 Sites deleted without marking them to be deleted

? 4.2.03 Sites marked to be deleted

! 4.2.04 Sites where "SITE_CODE" is duplicated

i 4.2.05 Sites where "SITE_CODE_NAT" was changed

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

! 4.2.07 Sites where "SITE_CODE_NAT" is duplicated

- ! 4.2.08 Sites where "ISO3" is empty or incorrect
- ? 4.2.09 Sites where "DESIG_ABBR" was changed
- ! 4.2.10 Sites where "DESIG_ABBR" is empty
- ! 4.2.11 Number of sites by designation where "DESIG_ABBR" is not present in "DESIGNATIONS" table
- i 4.2.12 Sites where "AREANAME" was changed
- ? 4.2.13 Number of sites by designation where "AREANAME" is empty
- i 4.2.14 Sites where "AREANAME" is duplicated
- i 4.2.15 Sites where "SIZE" was changed
- ! 4.2.16 Number of sites by designation where "SIZE" is empty
- ! 4.2.17 Sites where "SIZE" is significantly different from respective GIS boundary area or where it is greater than ISO3 country reference size.
- i 4.2.18 Sites where "IUCNCAT" was changed
- ! 4.2.19 Number of sites by designation where "IUCNCAT" is empty
- ! 4.2.20 Number of sites by IUCN category where "IUCNCAT" is not present in official list ("IUCNCATEGORIES" table)
- i 4.2.21 Number of sites by designation where "NUTS" is empty
- ? 4.2.22 Sites where "YEAR" was changed
- ! 4.2.23 Number of sites by designation where "YEAR" is empty
- ! 4.2.24 Sites where "YEAR" is less than 1872 or greater than 2007
- ! 4.2.25 Number of sites by designations where at least one of altitudes is empty
- ! 4.2.26 Sites where "ALTITUDE_MIN" is higher than "ALTITUDE_MAX"
- ? 4.2.27 Sites where at least one of altitudes is out of reference elevation range of the country
- ? 4.2.28 Sites where coordinates were changed
- ! 4.2.29 Number of sites by designations where at least one of coordinates is empty
- ! 4.2.30 Sites where coordinates are outside of reference geographic area of the country
- i 4.2.31 Sites where coordinates are duplicated
- i 4.2.32 Number of sites by designation where "NOTES" is not empty
- ! 4.2.33 Sites marked to be deleted but where "NOTES" is empty
- ? 4.2.34 Edited records and analysis of EIONET fields

4.3 Sitehabitats table

- ! 4.3.01 Number of habitat records by sites which are not present in "Sites" table
- ? 4.3.02 Number of habitat records by sites which are marked to be deleted in "Sites" table
- i 4.3.03 Number of habitat records, sites with habitats and sites without habitats subdivided by designation
- ! 4.3.04 Habitat records where habitat code is either empty or incorrect (not present in official list)
- i 4.3.05 Number of habitat records by habitat categories subdivided by habitat level
- ! 4.3.06 Number of habitat records by categories where coverage is empty or 0
- ! 4.3.07 Habitat records where coverage is > 100%
- i 4.3.08 Sites where total habitat coverage is < 100%

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	20	20
sites	982	981
sitehabitats	179	289

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	20	20	100.00	100.00
DESIG_ABBR	20	20	100.00	100.00
Category	18	18	90.00	90.00
ODESIGNATE	20	20	100.00	100.00
DESIGNATE	20	20	100.00	100.00
Title_French	17	17	85.00	85.00
CDDA_sites	17	17	85.00	85.00
Law	19	19	95.00	95.00
Lawreference	19	19	95.00	95.00
Agency	0	8	0.00	40.00
Number	8	8	40.00	40.00

Field	records filled in old	records filled in new	completeness (%) in old	completeness (%) in new
Total_Area	8	8	40.00	40.00
Data_Source	17	17	85.00	85.00
Reference_date	17	17	85.00	85.00
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	982	981	100.00	100.00
SITE_CODE_NAT	982	981	100.00	100.00
ISO3	982	981	100.00	100.00
DESIG_ABBR	982	981	100.00	100.00
AREANAME	982	981	100.00	100.00
SIZE	978	979	99.59	99.80
IUCNCAT	967	981	98.47	100.00
NUTS	982	981	100.00	100.00
YEAR	885	889	90.12	90.62
ALTITUDE_MIN	424	493	43.18	50.25
ALTITUDE_MAX	424	495	43.18	50.46
LAT	872	914	88.80	93.17
LON	872	914	88.80	93.17
EIONET_CHNG_DATE	0	980	0.00	99.90
EIONET_CHNG_TYPE	0	981	0.00	100.00
EIONET_EDITED_BY	0	981	0.00	100.00
EIONET_INSTITUTE	0	981	0.00	100.00
NOTES	0	852	0.00	86.85

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	179	289	100.00	100.00
EUNIS_Hab	179	289	100.00	100.00
Cover	0	0	0.00	0.00

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

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	3 designations have missing French name	
CDDA_sites	15 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! 3 designations still have valid sites in Sites table!	4.1.17
Law	Filled correctly	4.1.18
Lawreference	10 designations have missing "Lawreference"!	4.1.18
Agency	10 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	17 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	17 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: **20**

ISO3	DESIG ABBR	Number of sites in			Total area (ha) in		
		old dataset	new dataset	GIS	old dataset	new dataset	GIS
ROU	RO00	0	0	0	0	0	
ROU	RO01	55	64	52	101294.2	227319.4	204593.3
ROU	RO02	12	13	13	304535.8	318894.3	318767
ROU	RO03	234	231	206	2205.5	11217.1	11143.33
ROU	RO04	618	617	520	162018.84	263298.7	236305.44
ROU	RO05	14	15	15	714629.8	757300.4	834777.44
ROU	RO06	20	13	13	193490.68	82912.6	82917.92
ROU	RO07	28	27	16	23192	27317.2	19337.76
ROU	RO08	1	1	1	580000	578848.2	578240.26
ROU	RO11	0	0	0	0	0	
ROU	RO12	0	0	0	0	0	
ROU	RO13	0	0	0	0	0	
ROU	RO14	0	0	0	0	0	
ROU	RO15	0	0	0	0	0	
ROU	RO21	0	0	0	0	0	
ROU	RO31	0	0	0	0	0	
ROU	RO32	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
ROU	RO41	0	0	0	0	0	
ROU	RO42	0	0	0	0	0	
ROU	RO99	0	0	0	0	0	
		982	981	836	2081366.82	2267107.9	2286082.45

? 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=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: **12**

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	CDDA sites	Remark
ROU	RO00		Zona fara regim de protectie	Unprotected area	False	
ROU	RO11	B	Padure cu functii speciale de protectie a apelor	Forest with special functions for waters protection	False	
ROU	RO12	B	Padure cu functii speciale de protectie a solului	Forest with special functions for soil protection	False	
ROU	RO13	B	Padure cu functii speciale de protectie contra factorilor climatici si industriali daunatori	Forest with special functions for protection against climatic and industrial factors	False	
ROU	RO14	B	Padure pentru recreere	Recreational Forest	False	
ROU	RO15	B	Padure de interes stiintific si de ocrotire a genofondului si ecofondului forestier	Forest of scientific importance for forest genofund and ecofund protection	False	
ROU	RO21	B	Rezervatie de genofond	Genofund reserve	False	
ROU	RO31	B	Regiune de crutare piscicola	Strict protected fishing area	False	
ROU	RO32	B	Zona de protectie piscicola	Protected fishing area	False	
ROU	RO41	B	Zona de protectie sanitara a surselor de apa potabila si minerala	Sanitary Protected Area of the drinking and mineral water sources	False	
ROU	RO42	B	Perimetru de protectie hidrogeologica	Hydrogeological Protected Area	False	
ROU	RO99		Other	Other	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

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: **15**

ISO3	DESIG ABBR	Category	DESIGNATE	CDDA sites	Total Area reference	Remark	Number of sites
ROU	RO00		Unprotected area	False			0
ROU	RO06	A	Core Areas	False			13
ROU	RO07	A	Special Protected Area	False			27
ROU	RO08	A	Biosphere Reserve	False			1
ROU	RO11	B	Forest with special functions for waters protection	False			0
ROU	RO12	B	Forest with special functions for soil protection	False			0
ROU	RO13	B	Forest with special functions for protection against climatic and industrial factors	False			0
ROU	RO14	B	Recreational Forest	False			0
ROU	RO15	B	Forest of scientific importance for forest genofund and ecofund protection	False			0
ROU	RO21	B	Genofund reserve	False			0
ROU	RO31	B	Strict protected fishing area	False			0
ROU	RO32	B	Protected fishing area	False			0
ROU	RO41	B	Sanitary Protected Area of the drinking and mineral water sources	False			0
ROU	RO42	B	Hydrogeological Protected Area	False			0
ROU	RO99		Other	False			0
							41

! 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=18584

Legend - highlightings of result table fields

Law  Missing value (error)

Lawreference  Missing value (error)

Number of detected records: **10**

ISO3	DESIG ABBR	Category	DESIGNATE	Law	Lawreference	Number of sites
ROU	RO11	B	Forest with special functions for waters protection	Law 26/1996		0
ROU	RO12	B	Forest with special functions for soil protection	Law 26/1996		0
ROU	RO13	B	Forest with special functions for protection against climatic and industrial factors	Law 26/1996		0
ROU	RO14	B	Recreational Forest	Law 26/1996		0
ROU	RO15	B	Forest of scientific importance for forest genofund and ecofund protection	Law 26/1996		0
ROU	RO21	B	Genofund reserve	Law 654/2001		0
ROU	RO31	B	Strict protected fishing area	Law 192/2001		0
ROU	RO32	B	Protected fishing area	Law 192/2001		0
ROU	RO41	B	Sanitary Protected Area of the drinking and mineral water sources	Law 40/1967		0
ROU	RO42	B	Hydrogeological Protected Area	Law 3/1978		0
						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: **10**

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Agency	Number of sites
ROU	RO11	B	Padure cu functii speciale de protectie a apelor	Forest with special functions for waters protection		0
ROU	RO12	B	Padure cu functii speciale de protectie a solului	Forest with special functions for soil protection		0

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Agency	Number of sites
ROU	RO13	B	Padure cu functii speciale de protectie contra factorilor climatici si industriali daunatori	Forest with special functions for protection against climatic and industrial factors		0
ROU	RO14	B	Padure pentru recreere	Recreational Forest		0
ROU	RO15	B	Padure de interes stiintific si de ocrotire a genofondului si ecofondului forestier	Forest of scientific importance for forest genofund and ecofund protection		0
ROU	RO21	B	Rezervatie de genofond	Genofund reserve		0
ROU	RO31	B	Regiune de crutare piscicola	Strict protected fishing area		0
ROU	RO32	B	Zona de protectie piscicola	Protected fishing area		0
ROU	RO41	B	Zona de protectie sanitara a surselor de apa potabila si minerala	Sanitary Protected Area of the drinking and mineral water sources		0
ROU	RO42	B	Perimetru de protectie hidrogeologica	Hydrogeological Protected Area		0
						0

! 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=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: 17

ISO3	DESIG ABBR	Number reference	Total Area reference	Data Source	Reference date	Number of sites
ROU	RO01			Directorate for Biodiversity Conservation and Protected Areas	03/20/2003	64

ISO3	DESIG ABBR	Number reference	Total Area reference	Data Source	Reference date	Number of sites
ROU	RO02			Directorate for Biodiversity Conservation and Protected Areas	03/20/2003	13
ROU	RO03			Directorate for Biodiversity Conservation and Protected Areas	03/20/2003	232
ROU	RO04			Directorate for Biodiversity Conservation and Protected Areas	03/20/2003	617
ROU	RO05			Directorate for Biodiversity Conservation and Protected Areas	03/20/2003	15
ROU	RO07			Directorate for Biodiversity Conservation and Protected Areas	03/25/2005	27
ROU	RO08			Directorate for Biodiversity Conservation and Protected Areas	03/25/2005	1
ROU	RO11			Directorate for Biodiversity Conservation and Protected Areas	01/30/2002	0
ROU	RO12			Directorate for Biodiversity Conservation and Protected Areas	01/30/2002	0
ROU	RO13			Directorate for Biodiversity Conservation and Protected Areas	01/30/2002	0
ROU	RO14			Directorate for Biodiversity Conservation and Protected Areas	01/30/2002	0
ROU	RO15			Directorate for Biodiversity Conservation and Protected Areas	01/30/2002	0
ROU	RO21			Directorate for Biodiversity Conservation and Protected Areas	01/30/2002	0
ROU	RO31			Directorate for Biodiversity Conservation and Protected Areas	01/30/2002	0
ROU	RO32			Directorate for Biodiversity Conservation and Protected Areas	01/30/2002	0
ROU	RO41			Directorate for Biodiversity Conservation and Protected Areas	01/30/2002	0
ROU	RO42			Directorate for Biodiversity Conservation and Protected Areas	01/30/2002	0
						969

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

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
	1 site (183649) marked to be deleted. Check detailed test result whether the deletion is properly explained in "NOTES" field or it is just an error!	4.2.03
SITE_CODE_NAT	24 sites have national site codes changed	4.2.05
	All sites have national site code	4.2.06
ISO3	Filled correctly	4.2.08
DESIG_ABBR	22 sites have designation code changed	4.2.09
	All sites have designation code	4.2.10
AREANAME	358 sites have area name changed	4.2.12
	All sites have area name	4.2.13
	6 area names are duplicated (13 sites have these names totally).	4.2.14
SIZE	695 sites have size changed	4.2.15
	2 sites have missing size!	4.2.16
	1 site (196476) has size significantly greater/smaler than GIS area or it is greater than reference size of ISO3 country (ROU=237500.00 km2)!	4.2.17
IUCNCAT	40 sites have IUCN category changed	4.2.18
	All sites have IUCN category	4.2.19
NUTS	All sites have NUTS codes	4.2.21
YEAR	5 sites have year changed. Check detailed test result whether the change is explained properly in "NOTES" field or it is just an error!	4.2.22
	92 sites have missing year!	4.2.23
ALTITUDEs	489 sites have missing at least one of altitudes!	4.2.25
	5 sites have minimal altitude greater than maximal!	4.2.26
LAT, LON	805 sites have coordinates changed	4.2.28
	67 sites have missing coordinates!	4.2.29
	7 sites have coordinates outside of reference geographic area of the country!	4.2.30
To_be_deleted	1 site (SITE_CODE is missing) marked to be deleted. Check whether reason is properly explained in "NOTES" field!	4.2.33
EIONET fields	931 sites have at least one value in record changed. 1 changed site (183829) has EIONET_CHNG_DATE either missing or not changed! All of changed sites have EIONET_EDITED_BY missing!	4.2.34
NOTES	853 sites have "NOTES" filled.	4.2.32

i 4.2.01 New sitesNumber 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**

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

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=27227**Legend - highlightings of result table fields**NOTES Explanation is missing, error!Present in old Site was not present in previous version of dataset! Check if it is not an error!Number of detected records: **1 (0.1 %)**

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	NOTES	Present in old
183649	2.4.	ROU	RO03	Pinteni din Coasta Jinei	25.3	gis size;same area as area with site_code_nat 2.704.	YES
					25.3		

! 4.2.04 Sites where "SITE_CODE" is duplicatedNumber 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=29062Number of detected records: **24 (2.44 %)**

SITE CODE	SITE CODE NAT		ISO3	DESIG ABBR	AREANAME	SIZE
	old	new				
9373	2.701	2.701.	ROU	RO04	Valea Bălii	506.6
9377	2.327.	VII.6.	ROU	RO04	Ţeşănişii de Jos	91.2
9378	2.331.	VII.4.	ROU	RO04	Cheile Turzii	323.7
9383	2.764	2.764.	ROU	RO04	Uşăcele	155.5
11167	2.326.	VII.5.	ROU	RO04	Suatu	11.3
11768	2.730	2.730.	ROU	RO04	Râşnov	560.5
11781	2.165	2.165.	ROU	RO04	Ţeşănişii de Jos	488
11788	2.679	2.679.	ROU	RO04	Tâmpa	15.6
14567	2.677	2.677.	ROU	RO04	Dunele de nisip Foieni	10.7
14577	2.513	2.513.	ROU	RO04	Locul fosilifer Ohaba - Ponor	11.8

SITE CODE	SITE CODE NAT		ISO3	DESIG ABBR	AREANAME	SIZE
	old	new				
14580	2.380	2.380.	ROU	RO04	V' là àèè] cã	15.7
14586	2.383	2.383.	ROU	RO04	Izvorul de la Corbii Ciungi	36.2
14605	2.771	2.771.	ROU	RO03	Û^: ^!çæã^ [[* & ÁE ä @	12.6
63653	2.722.	VII.11.	ROU	RO04	Ûæ ~ ÁUa d^ ^ÁÓ [æ] ^ã	970
183480	2.126.	VII.1.	ROU	RO04	Perchiu	189
183513	2.332.	VII.8.	ROU	RO04	Șăc Á cã & i	268.4
183796	2.328.	VII.7.	ROU	RO04	Öé) æ^ ^ÁÓ b æãÖ: æi Ä	5.8
183800	2.729.	VII.12.	ROU	RO04	Cheile Lucavei	34.1
183829	2.680.	VII.10.	ROU	RO04	Râul Tur	1511.5
183873	2.826.	VII.13.	ROU	RO04	Vã äæ	2712.1
183877	2.813.	VII.14.	ROU	RO04	Lacul Negru	95.2
183948	2.128.	VII.2.	ROU	RO04	Izvorul Alb	22.8
184095	2.333.	VII.3.	ROU	RO04	Valea Legiilor	128.4
184157	2.372.	VII.9.	ROU	RO04	T ^* ç & } ä ~ Á^ Áæ Û^ & ÁÖ æ^ Á^ Áæ Û: ~ } / E Û; } } & æ	2112.6
						10289.3

! 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

If DESIG_ABBR of same site has changed it may refer to correction of error or real change of designation. In latter case also designation year should change, as it is dealt as newly designated site. Also please fill EIONET_CHNG_TYPE correctly when making any change into record (see 4.2.34).

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=21601

Number of detected records: 22 (2.24 %)

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR		AREANAME	SIZE	NOTES
			old	new			
183557	2.595.	ROU	RO01	RO04	Û^ ç!æÖ ~ æ	73.7	gis size; IUCNCAT updated
183571	2.337.	ROU	RO03	RO01	Û^ ç!æã ÁUæ æ Û } [} ^ ä	1708	gis size; IUCNCAT updated
183641	2.113.	ROU	RO03	RO04	Lacul Iezer	1.1	gis size; IUCNCAT updated
183642	2.114.	ROU	RO03	RO04	Lacul Zârna	0.8	gis size; IUCNCAT updated
183680	2.219.	ROU	RO03	RO04	Û^ ç!æã ÁUæ æ Ö [à ^ } ^ ä	1	IUCNCAT updated

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR		AREANAME	SIZE	NOTES
			old	new			
183737	2.652.	ROU	RO03	RO04	Ó@áÁ * ~ ã	86.5	gis size; IUCNCAT updated
183850	2.685.	ROU	RO04	RO03	Calcarele de Rona	0.2	gis size; IUCNCAT updated
184087	2.706.	ROU	RO04	RO05	Parcul Natural Dumbrava Sibului	1006	gis size
184090	2.340.	ROU	RO04	RO01	T @e ~ Á æ^Á^ÁæQã &	42	gis size
184091	2.707.	ROU	RO04	RO05	Parcul Natural Cindrel	7912.9	gis size
184120	2.589.	ROU	RO04	RO01	Piatra Rea	523.4	gis size; IUCNCAT updated
184172	P	ROU	RO05	RO02	T ~ } áÁ &ã ~ ã	11114.2	gis size
193251	IV.43.	ROU	RO04	RO03	Xæ^æU e ~ ã	1589.5	gis size
193252	IV.44.	ROU	RO04	RO03	Ú á'!^æU^•&æ	1651.6	gis size
196482	G-1	ROU	RO06	RO01	Z[} æU] ^&æp /æ^ Ó[} •^!çæ^æUæ&~ ã Þæã } æU ~ } æU[á)^ã	20827.1	gis size
196485	F-1	ROU	RO06	RO01	Z[} æU] ^&æp /æ^ Ó[} •^!çæ^æUæ&~ ã Þæã } æU ~ } •^ã	13997.6	gis size
196487	H-1	ROU	RO06	RO01	Z[} æU] ^&æp /æ^ Ó[} •^!çæ^æUæ&~ ã Þæã } æU ~ } &^ã	11322.6	gis size
196491	C-1	ROU	RO06	RO01	Z[} æU] ^&æp /æ^ Ó[} •^!çæ^æUæ&~ ã Þæã } æU^c: æ	21773.8	gis size
196492	B-1	ROU	RO06	RO01	Z[} æU] ^&æp /æ^ Ó[} •^!çæ^æUæ&~ ã Þæã } æU[{ [* ^áÆ Xæ^æU!)ã	21814.3	gis size
196494	E-1	ROU	RO06	RO01	Z[} æU] ^&æp /æ^ Ó[} •^!çæ^æUæ&~ ã Þæã } æU @á^á^áæ Ó^ } ææ	8075.1	gis size
196495	D-1	ROU	RO06	RO01	Z[} æU] ^&æp /æ^ Ó[} •^!çæ^æUæ&~ ã Þæã } æU[! á^áæ!	12768.2	gis size
337835	C.1.	ROU	RO07	RO04	Ú á'!^æUã æ ~ ã	3	
						136292.6	

! 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

Number of detected records: 358 (36.46 %)

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

list of sites

JH I AC IAKO & * ACDAI : c IAO & [a EN eIeA caO ad adA^ KO & * ACDAI : c IAO & [a EN | a caO ad adA H I AC IAKO ...
O:aa j auBeiaaO q ad adA^ K A^* IAO:aa j auu& iaao q ad adA H I AC IAKO ...
U a i^ a ac ad a) auFFI I AC IAKO jae ca ad P (a LA^ K I jae ca ad P (a) auFFI FAQ IAKA V c IAO ad adS ga adA^ KV [c]

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME
183985	2.578.	ROU	RO04	Ó@áÁV æ" " ä
184155	2.374.	ROU	RO04	Ó@áÁV æ" " ä
183651	2.6.	ROU	RO03	Masa Jidovului
183773	2.708.	ROU	RO03	Masa Jidovului
183828	2.681.	ROU	RO04	Ú ä" ^æÜ" } &
183949	2.127.	ROU	RO04	Ú ä" ^æÜ" } &
183693	2.249.	ROU	RO03	Ú^ ç!æŠa &[!
183755	2.785.	ROU	RO03	Ú^ ç!æŠa &[!
193205	1.2.	ROU	RO01	Ú^ ç!æŠa &[!
183639	2.83.	ROU	RO03	Piatra Corbului
183675	2.201.	ROU	RO03	Piatra Corbului
9375	2.236.	ROU	RO01	Piatra Craiului
11173	M	ROU	RO02	Piatra Craiului

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

Number of detected records: **696 (70.88 %)**

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

list of sites	
861, 9369, 9370, 9371, 9372, 9373, 9375, 9376, 9377, 9379, 9380, 9382, 9383, 9389, 9390, 9392, 11150, 11151, 11152, 11153, 11154, 11155, 11157, 11158, 11160, 11163, 11164, 11166, 11170, 11171, 11172, 11173, 11174, 11175, 11176, 11178, 11179, 11181, 11184, 11759, 11760, 11762, 11763, 11764, 11765, 11768, 11770, 11772, 11774, 11775, 11776, 11778, 11779, 11780, 11781, 11782, 11788, 11792, 14567, 14568, 14569, 14571, 14573, 14574, 14576, 14577, 14578, 14579, 14580, 14582, 14586, 14588, 14590, 14591, 14592, 14593, 14594, 14595, 14596, 14597, 14600, 14601, 14603, 14604, 14605, 14607, 14609, 14610, 19021, 19023, 19025, 19026, 20678, 31703, 31704, 31706, 31707, 31713, 31714, 63612, 63623, 63626, 63628, 63630, 63636, 63651, 63652, 63653, 64651, 81224, 183463, 183464, 183466, 183467, 183468, 183469, 183471, 183472, 183473, 183474, 183476, 183479, 183480, 183481, 183482, 183485, 183486, 183487, 183488, 183489, 183490, 183491, 183497, 183498, 183499, 183500, 183501, 183502, 183503, 183504, 183505, 183506, 183507, 183508, 183509, 183510, 183511, 183512, 183513, 183514, 183515, 183516, 183517, 183518, 183519, 183520, 183521, 183522, 183524, 183525, 183526, 183527, 183528, 183529, 183530, 183531, 183532, 183533, 183534, 183535, 183536, 183537, 183538, 183539, 183540, 183541, 183542, 183545, 183546, 183547, 183548, 183549, 183550, 183551, 183552, 183553, 183554, 183555, 183556, 183557, 183558, 183559, 183560, 183561, 183563, 183565, 183569, 183570, 183571, 183572, 183573, 183574, 183576, 183579, 183580, 183581, 183582, 183583, 183584, 183587, 183588, 183589, 183590, 183591, 183592, 183593, 183594, 183595, 183596, 183597, 183599, 183600, 183601, 183603, 183604, 183605, 183606, 183607, 183608, 183614, 183615, 183616, 183617, 183618, 183619, 183621, 183622, 183623, 183624, 183625, 183626, 183627, 183628, 183629, 183630, 183632, 183633, 183634, 183635, 183636, 183637, 183638, 183639, 183640, 183644, 183645, 183646, 183647, 183651, 183652, 183655, 183657, 183658, 183659, 183660, 183662, 183663, 183664, 183665, 183666, 183667, 183668, 183669, 183670, 183671, 183673, 183675, 183678, 183681, 183683, 183685, 183687, 183688, 183689, 183690, 183691, 183692, 183693, 183694, 183695, 183698, 183699, 183701, 183702, 183712, 183715, 183716, 183717, 183721, 183722, 183726, 183731, 183732, 183736, 183737, 183738, 183739, 183740, 183741, 183742, 183747, 183748, 183749, 183750, 183752, 183756, 183759, 183760, 183762, 183763, 183765, 183766, 183768, 183770, 183771, 183772, 183776, 183778, 183780, 183781, 183782, 183783, 183784, 183786, 183787, 183788, 183789, 183790, 183792, 183793, 183794, 183795, 183796, 183797, 183798, 183799, 183801, 183802, 183804, 183806, 183808, 183811, 183812, 183814, 183815, 183816, 183820, 183821, 183822, 183823, 183824, 183827, 183828, 183829, 183830, 183831, 183834, 183835, 183836, 183837, 183838, 183839, 183840, 183841, 183842, 183843, 183844, 183845, 183846, 183847, 183849, 183850, 183851, 183852, 183853, 183854, 183857, 183858, 183859, 183860, 183861, 183862, 183865, 183867, 183868, 183869, 183870, 183871, 183872, 183873, 183874, 183875, 183876, 183877, 183878, 183879, 183880, 183881, 183882, 183883, 183884, 183885, 183886, 183887, 183888, 183889, 183890, 183891, 183892, 183893, 183894, 183895, 183896, 183897, 183898, 183899, 183900, 183901, 183902, 183903, 183904, 183905, 183906, 183907, 183908, 183909, 183910, 183911, 183912, 183913, 183914, 183915, 183916, 183917, 183918, 183919, 183920, 183921, 183922, 183923, 183924, 183925, 183926, 183927, 183928, 183930, 183931, 183932, 183933, 183934, 183936, 183939, 183940, 183941, 183942, 183943, 183945, 183947, 183948, 183949, 183951, 183952, 183953, 183954, 183955, 183957, 183958, 183959, 183960, 183961, 183962, 183963, 183964, 183965, 183966, 183967, 183968, 183969, 183970, 183971, 183972, 183973, 183974, 183975, 183976, 183977, 183978, 183980, 183981, 183982, 183983, 183985, 183986, 183987, 183988, 183989, 183990, 183991, 183993, 183994, 183995, 183996, 183997, 183998, 183999, 184001, 184003, 184004, 184005, 184006, 184007, 184008, 184010, 184011, 184012, 184013, 184014, 184015, 184016, 184017, 184019, 184020, 184021, 184024, 184025, 184026, 184027, 184028, 184029, 184031, 184032, 184033, 184034, 184035, 184036, 184038, 184040, 184041, 184042, 184043, 184044, 184045, 184046, 184047, 184048, 184049, 184050, 184051, 184052, 184053, 184054, 184055, 184056, 184059, 184060, 184061, 184062, 184064, 184065, 184067, 184068, 184070, 184071, 184072, 184073, 184074, 184077, 184080, 184082, 184083, 184084, 184085, 184086, 184087, 184088, 184089, 184090, 184091, 184092, 184093, 184094, 184095, 184097, 184098, 184099, 184102, 184103, 184106, 184107, 184108, 184109, 184112, 184113, 184114, 184115, 184117, 184118, 184120, 184121, 184125, 184126, 184127, 184130, 184131, 184134, 184135, 184140, 184142, 184143, 184144, 184145, 184146, 184147, 184148, 184151, 184152, 184153, 184155, 184156, 184157, 184158, 184160, 184161, 184162, 184163, 184164, 184165, 184167, 184168, 184169, 184170, 184171, 184172, 184173, 184174, 193208, 193213, 193216, 193220, 193222, 193225, 193228, 193235, 193237, 193239, 193241, 193251, 193252, 193253, 193254, 193255, 193256, 193257, 193266, 193272, 193277, 193310, 196473, 196474, 196475, 196476, 196477, 196478, 196480, 196496, 196498, 337818, 337820, 337821, 337822, 337823, 337828, 337829, 337830, 337831, 337839, 337840, 337841, 337842, 337843, 337844, 337845, 337846, 337850	

! 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

Legend - highlightings of result table fields

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

Number of detected designations: 2

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
RO03	Natural monument	1	0.43	0	0	0	0

CDDA - Report on analysis of National Database - Romania

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	IUCNCAT		NOTES
						old	new	
184087	2.706.	ROU	RO05	Parcul Natural Dumbrava Sibiului	1006	IV	V	gis size
184090	2.340.	ROU	RO01	T [@e ~ Á æ^Á^ÁæQã &	42	IV	la	gis size
184091	2.707.	ROU	RO05	Parcul Natural Cindrel	7912.9	IV	V	gis size
184120	2.589.	ROU	RO01	Piatra Rea	523.4	IV	la	gis size; IUCNCAT updated
337818	VI.16.	ROU	RO07	Lacul Fundata	625.8	VI	IV	gis size; IUCNCAT updated
337819	VI.17.	ROU	RO07	Lacul Amara	162	VI	IV	IUCNCAT updated
337820	VI.18.	ROU	RO07	Lacul Strachina	5172	VI	IV	gis size; IUCNCAT updated
337821	VI.19.	ROU	RO07	Lacurile Bentu Mic - Bentu Mic Cotoi - Bentu Mare	102.3	VI	IV	gis size; IUCNCAT updated
337822	VI.20.	ROU	RO07	Șaș ÁÚé) * æã	99.7		IV	gis size; IUCNCAT added
337823	VI.21.	ROU	RO07	Lacul Vaduri	106.6		IV	gis size; IUCNCAT added
337824	VI.22.	ROU	RO07	Șaș ÁÚc^b cã	2378	III	IV	IUCNCAT updated
337825	VI.23.	ROU	RO07	Lacul Slatina	645	III	IV	IUCNCAT updated
337826	VI.24.	ROU	RO07	Lacul Izbiceni	1095	III	IV	IUCNCAT updated
337828	VI.26.	ROU	RO07	P^ ^ c^ ^Á^ÁæT [-cã ~ T æ	118.4		IV	gis size; IUCNCAT added
337829	VI.27.	ROU	RO07	Balta Suhaia	1248.6		IV	gis size; IUCNCAT added
337830	A	ROU	RO08	Ö æÖ } æ	578848.2		II	gis size; IUCNCAT added
337832	B.1.	ROU	RO04	Ô { } ^c^ ÁÖ^ [* æ Üæ ~ Á^Á •	95.2	la	IV	
337834	B.3.	ROU	RO04	T ~ : ^ ~ Á/ [çæ æ :	1.1	la	IV	correction site_code_nat according to GD 2151/2004
337836	VI.1.	ROU	RO07	Ú á ~ ^æc^ } &æfæ [] æ á^Á cæ; &æ	2	la	IV	IUCNCAT updated
337837	VI.2.	ROU	RO07	Ú á ~ ^æc^ } & æ [] æ á^Á cæ; &æ	3	la	IV	IUCNCAT updated
337838	VI.3.	ROU	RO07	Lacul Bascov	162		IV	IUCNCAT added
337839	VI.4.	ROU	RO07	Lacul Lilieci	290.9		IV	gis size; IUCNCAT added
337840	VI.5.	ROU	RO07	Șaș ÁÖæ ~ ÁÖ	216.9		IV	gis size; IUCNCAT added
337841	VI.6.	ROU	RO07	Lacul Galbeni	1065.9		IV	gis size; IUCNCAT added
337842	VI.7.	ROU	RO07	Șaș ÁÚ & &ã } ä	1702.3		IV	gis size; IUCNCAT added
337843	VI.8.	ROU	RO07	Șaș ÁÖ^ ^ cã	2253.7		IV	gis size; IUCNCAT added
337844	VI.9.	ROU	RO07	Șaș ÁÚcæ } &æfæ • cã	2076		IV	gis size; IUCNCAT added
337845	VI.10.	ROU	RO07	Ô { } ^c^ ÁÚæ &æ Ö { æ çææ	233.5	VI	IV	gis size; IUCNCAT updated
337846	VI.11.	ROU	RO07	Ó æ^ÁÚ çææ	42.8	VI	IV	gis size; IUCNCAT updated
337847	VI.12.	ROU	RO07	Z } æ { ^ á ÁÚ • d çÆ T æ çææ^ & @	1627		IV	IUCNCAT added
337848	VI.14.	ROU	RO07	Divici - Pojejena	498		IV	IUCNCAT added
337849	VI.13.	ROU	RO07	Z } æ { ^ á ÁÚ • ~ æ Óæ ç	24		IV	IUCNCAT added

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
RO01	Scientific reserve	4	6.25	4547.4	0	0	0
RO03	Natural monument	27	11.64	424.7	0	0	0
RO04	Nature reserve	59	9.56	41030.6	0	0	0
RO05	Natural park	2	13.33	8918.9	0	0	0
		92	9.37	54921.6	0	0	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: 8

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
RO01	Scientific reserve	58	90.62	199601.7	0	0	0
RO02	National park	11	84.62	276286.7	0	0	0
RO03	Natural monument	110	47.41	4341.2	1	0.43	25.3
RO04	Nature reserve	285	46.19	121588	0	0	0
RO05	Natural park	9	60	495878.1	0	0	0
RO06	Core Areas	10	76.92	72944.4	0	0	0
RO07	Special Protected Area	5	18.52	4387	0	0	0
RO08	Biosphere Reserve	1	100	578848.2	0	0	0
		489	49.8	1753875.3	1	0.1	25.3

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

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

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=18809

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=23453

Legend - highlightings of result table fields

ALTITUDE Incorrect values (error)

Number of detected records: 5 (0.51 %)

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	ALTITUDE	
						MIN	MAX
183575	2.491.	ROU	RO03	Óæ &æ&æ^ Åj Åi{ æ	0.6	720	
183909	2.40.	ROU	RO04	Ô@&NÅE] ä^ã	33.6	881	530
193235	IV.27.	ROU	RO04	Lacul Oltina	3199.2	6.38	0
193236	IV.28.	ROU	RO04	Lacul Bugeac	3266.4	10.01	0
193238	IV.30.	ROU	RO04	Lacul Vederoasa	517	7.2	0
					7016.8		

? 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=28825

Number of detected records: **806 (82.08 %)**

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

list of sites

861, 9368, 9369, 9370, 9371, 9372, 9373, 9375, 9376, 9377, 9378, 9379, 9380, 9382, 9383, 9389, 9390, 9392, 11150, 11151, 11152, 11153, 11154, 11155, 11157, 11158, 11160, 11161, 11163, 11164, 11166, 11167, 11168, 11170, 11171, 11172, 11173, 11174, 11175, 11176, 11178, 11179, 11181, 11184, 11756, 11758, 11759, 11760, 11762, 11763, 11764, 11765, 11768, 11770, 11772, 11774, 11775, 11776, 11778, 11779, 11780, 11781, 11782, 11788, 11792, 14567, 14568, 14569, 14571, 14573, 14574, 14576, 14577, 14578, 14579, 14580, 14582, 14585, 14586, 14587, 14588, 14590, 14591, 14592, 14593, 14594, 14596, 14597, 14600, 14601, 14603, 14604, 14605, 14607, 14609, 14610, 19021, 19023, 19025, 19026, 20678, 31702, 31703, 31704, 31706, 31707, 31711, 31713, 31714, 31717, 63612, 63623, 63626, 63628, 63630, 63636, 63651, 63652, 63653, 64651, 81224, 183463, 183464, 183466, 183467, 183468, 183469, 183470, 183471, 183472, 183473, 183474, 183476, 183478, 183479, 183480, 183481, 183482, 183485, 183486, 183487, 183488, 183489, 183490, 183491, 183492, 183493, 183494, 183495, 183496, 183497, 183498, 183499, 183500, 183501, 183502, 183503, 183504, 183505, 183506, 183507, 183508, 183509, 183510, 183511, 183512, 183513, 183514, 183515, 183516, 183517, 183518, 183519, 183520, 183521, 183522, 183523, 183524, 183525, 183526, 183527, 183528, 183529, 183530, 183531, 183532, 183533, 183534, 183535, 183536, 183537, 183538, 183539, 183540, 183541, 183542, 183543, 183545, 183546, 183547, 183548, 183549, 183550, 183551, 183552, 183553, 183554, 183555, 183556, 183557, 183558, 183559, 183560, 183561, 183562, 183563, 183564, 183565, 183566, 183567, 183568, 183569, 183570, 183571, 183572, 183573, 183574, 183575, 183576, 183577, 183578, 183579, 183580, 183581, 183582, 183583, 183584, 183585, 183586, 183587, 183588, 183589, 183590, 183591, 183592, 183593, 183594, 183595, 183596, 183597, 183598, 183599, 183600, 183601, 183602, 183603, 183604, 183605, 183606, 183607, 183608, 183609, 183610, 183611, 183612, 183613, 183614, 183615, 183616, 183617, 183618, 183619, 183620, 183621, 183622, 183623, 183624, 183625, 183626, 183627, 183628, 183629, 183630, 183631, 183632, 183633, 183634, 183635, 183636, 183637, 183638, 183639, 183640, 183641, 183642, 183643, 183644, 183645, 183646, 183647, 183648, 183649, 183650, 183651, 183652, 183653, 183654, 183655, 183656, 183657, 183658, 183659, 183660, 183661, 183662, 183663, 183664, 183665, 183666, 183667, 183668, 183669, 183670, 183671, 183672, 183673, 183674, 183675, 183677, 183678, 183679, 183681, 183682, 183683, 183685, 183686, 183687, 183688, 183689, 183690, 183691, 183692, 183693, 183694, 183695, 183697, 183698, 183699, 183700, 183701, 183702, 183712, 183713, 183714, 183715, 183716, 183717, 183718, 183721, 183722, 183723, 183725, 183726, 183727, 183731, 183732, 183733, 183735, 183736, 183737, 183738, 183739, 183740, 183741, 183742, 183744, 183745, 183746, 183747, 183748, 183750, 183751, 183753, 183755, 183757, 183758, 183759, 183760, 183761, 183762, 183763, 183764, 183765, 183766, 183768, 183769, 183770, 183771, 183772, 183773, 183774, 183776, 183778, 183780, 183781, 183782, 183783, 183784, 183786, 183787, 183788, 183789, 183790, 183791, 183792, 183793, 183794, 183795, 183796, 183797, 183798, 183799, 183800, 183801, 183802, 183803, 183804, 183806, 183808, 183811, 183812, 183814, 183815, 183816, 183820, 183821, 183822, 183823, 183824, 183826, 183827, 183828, 183829, 183830, 183831, 183832, 183833, 183834, 183835, 183836, 183837, 183838, 183839, 183840, 183841, 183842, 183843, 183844, 183845, 183846, 183847, 183849, 183850, 183851, 183852, 183853, 183854, 183855, 183857, 183858, 183859, 183860, 183861, 183862, 183863, 183864, 183865, 183866, 183867, 183868, 183869, 183870, 183871, 183872, 183873, 183874, 183875, 183876, 183877, 183878, 183879, 183880, 183881, 183882, 183883, 183884, 183885, 183886, 183887, 183888, 183889, 183890, 183891, 183892, 183893, 183894, 183895, 183896, 183897, 183898, 183899, 183900, 183901, 183902, 183903, 183904, 183905, 183906, 183907, 183908, 183909, 183910, 183911, 183912, 183913, 183914, 183915, 183916, 183917, 183918, 183919, 183920, 183921, 183922, 183923, 183924, 183925, 183926, 183927, 183928, 183929, 183930, 183931, 183932, 183933, 183934, 183936, 183937, 183938, 183939, 183940, 183941, 183942, 183943, 183944, 183945, 183947, 183948, 183949, 183951, 183952, 183953, 183954, 183955, 183956, 183957, 183958, 183959, 183960, 183961, 183962, 183963, 183964, 183965, 183966, 183967, 183968, 183969, 183970, 183971, 183972, 183973, 183974, 183975, 183976, 183977, 183978, 183979, 183980, 183981, 183982, 183983, 183984, 183985, 183986, 183987, 183988, 183989, 183990, 183991, 183992, 183993, 183994, 183995, 183996, 183997, 183998, 183999, 184001, 184003, 184004, 184005, 184006, 184007, 184008, 184010, 184011, 184012, 184013, 184014, 184015, 184016, 184017, 184019, 184020, 184021, 184023, 184024, 184025, 184026, 184027, 184028, 184029, 184030, 184031, 184032, 184034, 184035, 184036, 184037, 184038, 184039, 184040, 184041, 184042, 184043, 184044, 184045, 184046, 184047, 184048, 184049, 184050, 184051, 184052, 184053, 184054, 184055, 184056, 184057, 184058, 184059, 184060, 184061, 184062, 184063, 184064, 184065, 184067, 184068, 184070, 184071, 184072, 184073, 184074, 184075, 184076, 184077, 184079, 184080, 184081, 184082, 184083, 184084, 184085, 184086, 184087, 184088, 184089, 184090, 184091, 184092, 184093, 184094, 184095, 184097, 184098, 184099, 184102, 184103, 184104, 184106, 184107, 184108, 184109, 184112, 184113, 184114, 184115, 184116, 184117, 184118, 184119, 184120, 184121, 184122, 184123, 184124, 184125, 184126, 184127, 184128, 184130, 184131, 184132, 184133, 184134, 184135, 184136, 184137, 184138, 184139, 184140, 184141, 184142, 184143, 184144, 184146, 184148, 184149, 184150, 184151, 184152, 184153, 184154, 184155, 184156, 184157, 184158, 184160, 184161, 184162, 184163, 184164, 184165, 184167, 184168, 184169, 184170, 184171, 184172, 184173, 184174, 193205, 193208, 193213, 193216, 193220, 193222, 193225, 193228, 193235, 193236, 193237, 193239, 193241, 193251, 193252, 193253, 193254, 193255, 193256, 193257, 193266, 193272, 193277, 196473, 196475, 196480, 337818, 337820, 337821, 337822, 337823, 337828, 337829, 337831, 337839, 337840, 337841, 337842, 337843, 337844, 337845, 337846, 337850

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=20550

Number of detected records: **2**

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	LAT	LON
183649	2.4.	ROU	RO03	Pinteni din Coasta Jinei	25.3	45.77434	23.64577
183766	2.704.	ROU	RO03	Pintenu din coasta Jinei	25.3	45.77434	23.64577
					50.6		

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

Result is just informational.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=25701

Number of detected designations: **8**

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
RO01	Scientific reserve	52	81.25	204655.4	0	0	0
RO02	National park	13	100	318894.3	0	0	0
RO03	Natural monument	206	88.79	11142.7	1	0.43	25.3
RO04	Nature reserve	525	85.09	236367	0	0	0
RO05	Natural park	15	100	757300.4	0	0	0
RO06	Core Areas	13	100	82912.6	0	0	0
RO07	Special Protected Area	27	100	27317.2	0	0	0
RO08	Biosphere Reserve	1	100	578848.2	0	0	0
		852	86.76	2217437.8	1	0.1	25.3

! 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=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=26591

Number of detected records: **932 (94.91 %)**

Tabular result is too long to display (> 200 records). Here is short summary:

Number of edited sites where EIONET_CHNG_DATE is either empty or it wasn't changed:	1
Number of edited sites where EIONET_CHNG_TYPE is either empty or incorrect:	0
Number of edited sites where EIONET_EDITED_BY is empty:	932
Number of edited sites where EIONET_INSTITUTE is empty:	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

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	1 site (code is missing) is not present in "Sites" table! 1 habitat records belongs to this site.	4.3.01
	169 valid sites have some habitats assigned (totally 289 habitat records). 812 valid sites have no habitats assigned.	4.3.03
EUNIS_Hab	Habitat codes of 86 habitat records are either empty or incorrect!	4.3.04
	7 main habitat categories are present in table. Habitat records are distributed among EUNIS habitat levels as it follows: level 1: 0, level 2: 0, level 3: 21, level 4: 182. Habitat records of first level should be more specified.	4.3.05
Cover	289 habitat records have cover either empty or 0!	4.3.06
	All 169 valid sites with habitats assigned have total cover of habitats <100% (or cover is not filled).	4.3.08

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

This test is checking if habitat records are linkable to sites table through SITE_CODE. If entry at SITE_CODE field in sitehabitat table is not present in SITE_CODE field of sites table it is an error.

Please do NOT use national sitecodes in SITE_CODE field of sitehabitat table, it will be counted to be an error as it is making automated indicator production and statistics counts almost impossible.

Detected records do not figure in further test. Only exception is percentage calculation. In all test the percentage of detected habitat records is calculated from number of all habitat records in Sitehabitats table (including records detected in this test).

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=23687

Legend - highlightings of result table fields

SITE CODE Site code not present in site table (error)

Number of detected sites: **1 (0.59 % of all sites in habitats table)**

SITE CODE	Habitat records	
	number	%
	1	0.34
	1	0.34

? 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

Legend - highlightings of result table fields

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

Number of designations: **8**

DESIG ABBR	DESIGNATE	Habitat records		Sites with habitats		Sites without habitats	
		number	%	number	%	number	%
RO01	Scientific reserve	22	7.59	8	12.5	56	87.5
RO02	National park	37	12.76	8	61.54	5	38.46
RO03	Natural monument	30	10.34	30	12.93	201	86.64
RO04	Nature reserve	153	52.76	108	17.5	509	82.5
RO05	Natural park	40	13.79	11	73.33	4	26.67
RO06	Core Areas	1	0.34	1	7.69	12	92.31
RO07	Special Protected Area	2	0.69	2	7.41	25	92.59
RO08	Biosphere Reserve	4	1.38	1	100	0	0
		289	99.66	169	17.21	812	82.69

! 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/dstable.jsp?mode=view&table_id=3418

Legend - highlightings of result table fields

EUNIS Hab  Empty or incorrect code (error)

Number of detected records: **86 (29.66 % of all habitat records)**

SITE CODE	EUNIS Hab	Cover
9370	E 2.2	
9379	E 2.2	
11153	E 2.2	
11178	E 2.2	
11770	E 2.2	
14576	E 2.2	
14588	E 2.2	
14592	E 2.2	
14593	E 2.2	
14600	E 2.2	
19021	E 2.2	
183473	E 2.2	
183481	E 2.2	
183483	E 2.2	
183484	E 2.2	
183485	E 2.2	

SITE CODE	EUNIS Hab	Cover
183514	E 2.2	
183515	E 2.2	
183569	E 2.2	
183570	E 2.2	
183571	E 2.2	
183654	E 2.2	
183656	E 2.2	
183657	E 2.2	
183675	E 2.2	
183676	E 2.2	
183677	E 2.2	
183678	E 2.2	
183696	E 2.2	
183703	E 2.2	
183704	E 2.2	
183710	E 2.2	
183725	E 2.2	
183735	E 2.2	
183736	E 2.2	
183737	E 2.2	
183738	E 2.2	
183739	E 2.2	
183740	E 2.2	
183753	E 2.2	
183754	E 2.2	
183764	E 2.2	
183783	E 2.2	
183785	E 2.2	
183786	E 2.2	
183787	E 2.2	
183788	E 2.2	
183790	E 2.2	
183792	E 2.2	
183803	E 2.2	
183806	E 2.2	
183827	E 2.2	
183836	E 2.2	
183843	E 2.2	
183845	E 2.2	
183846	E 2.2	
183847	E 2.2	
183860	E 2.2	
183905	E 2.2	
183907	E 2.2	
183927	E 2.2	
183961	E 2.2	
183964	E 2.2	
183965	E 2.2	

SITE CODE	EUNIS Hab	Cover
183980	E 2.2	
183981	E 2.2	
183982	E 2.2	
184039	E 2.2	
184058	E 2.2	
184059	E 2.2	
184063	E 2.2	
184075	E 2.2	
184076	E 2.2	
184081	E 2.2	
184093	E 2.2	
184097	E 2.2	
184117	E 2.2	
184121	E 2.2	
184122	E 2.2	
184126	E 2.2	
184127	E 2.2	
184130	E 2.2	
184141	E 2.2	
184142	E 2.2	
184152	E 2.2	
184155	E 2.2	

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

Legend - highlightings of result table fields

Number of habitat records - level 1 value 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: **7**

Hab category	Scientific name	Number of habitat records			
		level 1	level 2	level 3	level 4
B	Coastal habitats				3
C	Inland surface waters				6
D	Mires, bogs and fens				7
E	Grasslands and lands dominated by forbs, mosses or lichens			21	32
F	Heathland, scrub and tundra				14
G	Woodland, forest and other wooded land				64
H	Inland unvegetated or sparsely vegetated habitats				56
		(0 %)	(0 %)	21 (7.24 %)	182 (62.76 %)


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

This test is detecting missing habitat coverage entries that will affect statistical overview per habitats, or is referring to an error when entry is 0%.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=29222

Legend - highlightings of result table fields

Number of habitat records  Number of records where coverage is missing

Number of detected habitat categories: **8**

Hab category	Scientific name	Number of habitat records
-		86
B	Coastal habitats	3
C	Inland surface waters	6
D	Mires, bogs and fens	7
E	Grasslands and lands dominated by forbs, mosses or lichens	53
F	Heathland, scrub and tundra	14
G	Woodland, forest and other wooded land	64
H	Inland unvegetated or sparsely vegetated habitats	56
		289 (99.66 %)

! 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**