

**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

Spain

version. 1 - August 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)

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

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

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

Tip:

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

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

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

Tip:

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

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

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

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i 3 Main statistics

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

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

Legend - highlightings of result table fields

Number of records in new dataset

 Decrease

 Increase

 value No record

Number of data tables: 3

Table	Number of records
designations	43
sites	296
sitehabitats	0

3.1 Field completeness

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

General formatting note:


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

Legend - highlightings of result table fields

Records filled in new

 Decrease


 Increase

 value No value in mandatory fields

Completeness in new

 Decrease

 Increase

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

i 3.1.1 Designations table

Number of columns: 16

Field	records filled in new	completeness (%) in new
ISO3	43	100.00
DESIG_ABBR	43	100.00
Category	40	93.02
ODESIGNATE	43	100.00
DESIGNATE	35	81.40
Title_French	12	27.91
CDDA_sites	12	27.91
Law	40	93.02
Lawreference	40	93.02
Agency	40	93.02
Number	41	95.35
Total_Area	41	95.35

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

i 3.1.2 Sites table

Number of columns: 18

Field	records filled in new	completeness (%) in new
SITE_CODE	296	100.00
SITE_CODE_NAT	296	100.00
ISO3	296	100.00
DESIG_ABBR	296	100.00
AREANAME	296	100.00
SIZE	296	100.00
IUCNCAT	296	100.00
NUTS	296	100.00
YEAR	295	99.66
ALTITUDE_MIN	296	100.00
ALTITUDE_MAX	296	100.00
LAT	296	100.00
LON	296	100.00
EIONET_CHNG_DATE	0	0.00
EIONET_CHNG_TYPE	295	99.66
EIONET_EDITED_BY	296	100.00
EIONET_INSTITUTE	296	100.00
NOTES	0	0.00

i 3.1.3 Sitehabitats table

Number of columns: 3

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

4 Analysis of data

4.1 Designations table

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

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

Data Dictionary reference/s:

http://dd.eionet.europa.eu/dstable.jsp?mode=view&table_id=3898

Summary of the test results

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

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

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

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

Field	Comment	Detailed test
ISO3	Filled correctly	4.1.06
DESIG_ABBR	No new designations	4.1.01
	No designations marked to be deleted.	4.1.03
	All designations have designation code	4.1.07
	1 designation (SpNR) doesn't follow official naming convention!	4.1.08
Category	1 designation (SpNR) has missing "Category" code!	4.1.11
ODESIGNATE	Filled correctly	4.1.15
DESIGNATE	8 designations have missing English name!	4.1.15
Title_French	31 designations have missing French name	
CDDA_sites	2 designations are marked not creating sites ("Total_Area_reference" is missing for all of them). Explanantion in "Remark" is missing for all of them! Check whether it is not an error!	4.1.17
Law	Filled correctly	4.1.18
Lawreference	40 designations have missing "Lawreference"!	4.1.18
Agency	1 designation (SpNR) has 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	Field is empty for all records	4.1.23
Reference_date	Field is empty for all records	4.1.23
Remark	Field is empty for all records. Check also other field comments whether some explanations are not missing here.	4.1.24
Remark_Source	Field is empty for all records	4.1.24
To_be_deleted	No designation marked to be deleted	4.1.03

i 4.1.01 New designationsNumber of new records in the designations table: **0****! 4.1.02 Designations deleted without marking them to be deleted**Number of detected records: **0****i 4.1.04 Comparison of number of sites and total area of individual designations between old and new datasets**

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

Legend - highlightings of result table fieldsNumber of sites in new dataset Decrease IncreaseTotal area in new dataset Decrease IncreaseNumber of detected records: **43**

ISO3	DESIG ABBR	Category	DESIGNATE	Number of sites in		Total area (ha) in	
				old dataset	new dataset	old dataset	new dataset
ESP	ES00		No Protection Status	0	0	0	0
ESP	ES01	A	Special Nature Reserve	8	8	12747	12747
ESP	ES02	A	Integral Reserve	5	5	486	486
ESP	ES03	A	Marine Reserve	0	0	0	0
ESP	ES04	A	Nature Reserve	60	60	38948.7	38948.7
ESP	ES05	A	Wildlife Nature Reserve	0	0	0	0
ESP	ES06	A	Partial Nature Reserve	40	40	38003	38003
ESP	ES07	A	Integral Nature Reserve	4	4	5590	5590
ESP	ES08	A	National Park	0	0	0	0
ESP	ES09	A		9	9	214789	214789
ESP	ES10	A	Nature Park	73	73	5191943.62	5191943.62
ESP	ES11	A	Regional Park	7	7	173398	173398
ESP	ES12	A		2	2	4567	4567
ESP	ES13	A	Nature Area (Paraje Natural)	20	20	71504	71504
ESP	ES14	A	Nature Area of National Interest	3	3	4622	4622
ESP	ES15	A		0	0	0	0
ESP	ES16	A	Nature Site of National Interest	0	0	0	0
ESP	ES17	A	Area of scientific interest	2	2	4640	4640
ESP	ES18	A	Nature Enclave	1	1	66	66
ESP	ES19	A	Natural Monument	18	18	32076.5	32076.5
ESP	ES20	A	Natural Monument of National interest	0	0	0	0
ESP	ES21	A	Singular Tree	14	14	29946	29946
ESP	ES22	A	Natural Protected Space	0	0	0	0

ISO3	DESIG ABBR	Category	DESIGNATE	Number of sites in		Total area (ha) in	
				old dataset	new dataset	old dataset	new dataset
ESP	ES23	A	Spaces in Regime of general protection	0	0	0	0
ESP	ES24	A	Recreative Natural Area	0	0	0	0
ESP	ES25	A	Picturesque Area	0	0	0	0
ESP	ES30	A		0	0	0	0
ESP	ES31	A	Directed Nature Reserve	0	0	0	0
ESP	ES32	A		0	0	0	0
ESP	ES33	A	Biosphere Reserve	0	0	0	0
ESP	ES34	A	Protected Humedal	0	0	0	0
ESP	ES89	A	Marine Nature Reserve	0	0	0	0
ESP	ES90	A	Protected Biotope	0	0	0	0
ESP	ES91	A	Fluvial Reserve	0	0	0	0
ESP	ES92	A	Rural Park	6	6	57094	57094
ESP	ES93	A	Site of Scientific Interest	5	5	424	424
ESP	ES94	A	Natural Landscape	2	2	7970	7970
ESP	ES95	A		0	0	0	0
ESP	ES96	A		12	12	24054.03	24054.03
ESP	ES97	A	Ecological corridors and of biodiversity	1	1	0	0
ESP	ES98	A		4	4	175695.33	175695.33
ESP	ES99		Others	0	0	0	0
ESP	SpNR		Special Nature Reserve	0	0	0	0
				296	296	6088564.18	6088564.18

? 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: **22**

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	CDDA sites	Remark
ESP	ES00		Sin estatuto de protección	No Protection Status	False	
ESP	ES03	A	RESERVA MARINA	Marine Reserve	True	
ESP	ES05	A	RESERVA NATURAL DE FAUNA SALVAJE	Wildlife Nature Reserve	True	
ESP	ES08	A	PARQUE NACIONAL	National Park	True	
ESP	ES15	A	PARAJE NATURAL MUNICIPAL		True	
ESP	ES16	A	SITIO NATURAL DE INTERES NACIONAL	Nature Site of National Interest	True	
ESP	ES20	A	MONUMENTO NATURAL DE INTERES NACIONAL	Natural Monument of National interest	True	
ESP	ES22	A	ESPACIO NATURAL PROTEGIDO	Natural Protected Space	True	

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	CDDA sites	Remark
ESP	ES23	A	ESPACIOS EN REGIMEN DE PROTECCION GENERAL	Spaces in Regime of general protection	True	
ESP	ES24	A	AREA NATURAL RECREATIVA	Recreative Natural Area	True	
ESP	ES25	A	PARAJE PINTORESCO	Picturesque Area	True	
ESP	ES30	A	RESERVA NATURAL CONCERTADA		True	
ESP	ES31	A	RESERVA NATURAL DIRIGIDA	Directed Nature Reserve	True	
ESP	ES32	A	MICRORRESERVA		True	
ESP	ES33	A	RESERVA DE LA BIOSFERA	Biosphere Reserve	True	
ESP	ES34	A	HUMEDAL PROTEGIDO	Protected Humedal	True	
ESP	ES89	A	RESERVA NATURAL MARINA	Marine Nature Reserve	True	
ESP	ES90	A	BIOTOPO PROTEGIDO	Protected Biotope	True	
ESP	ES91	A	RESERVA FLUVIAL	Fluvial Reserve	True	
ESP	ES95	A	ZONAS ESPECIALES DE CONSERVACION		True	
ESP	ES99		Other	Others	False	
ESP	SpNR		Special Nature Reserve	Special Nature Reserve	True	

! 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

To be in accordance with other databases at international and global level it is very important that naming of "DESIG_ABBR" is following official naming guide: ISO2 country code + two digits number between 00 and 99. Any other abbreviation will no longer be accepted.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=26791

Legend - highlightings of result table fields

ISO2 Correct country ISO2 code. Should be used as first part of correct DESIG_ABBR code.

DESIG ABBR Incorrect code

Number of detected records: 1

ISO3	ISO2	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Number of sites
ESP	ES	SpNR		Special Nature Reserve	Special Nature Reserve	0
						0

! 4.1.09 Designations where "DESIG_ABBR" is duplicated

Number of detected records: 0

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

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

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=19740

Legend - highlightings of result table fields

Category  Missing value (error)

Number of detected records: 1

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Number of sites
ESP	SpNR		Special Nature Reserve	Special Nature Reserve	0
					0

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

Number of detected records: 0


! 4.1.14 Designations where "DESIGNATE" is empty

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.








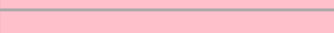
Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=22081

Legend - highlightings of result table fields

DESIGNATE  Missing value (error)

Number of detected records: 8

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Number of sites
ESP	ES09	A	PARQUE PERIURBANO		9
ESP	ES12	A	PARQUE PERIURBANO DE CONSERVACION Y OCIO		2
ESP	ES15	A	PARAJE NATURAL MUNICIPAL		0
ESP	ES30	A	RESERVA NATURAL CONCERTADA		0
ESP	ES32	A	MICRORRESERVA		0
ESP	ES95	A	ZONAS ESPECIALES DE CONSERVACION		0
ESP	ES96	A	ZONA DE ESPECIAL PROTECCION DE LOS VALORES NATURALES		12
ESP	ES98	A	REFUGIO DE FAUNA		4
					27

! 4.1.15 Designations where "ODESIGNATE" is empty

Number of detected records: 0




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

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





Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=18922

Legend - highlightings of result table fields

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

Number of detected records: 2

ISO3	DESIG ABBR	Category	DESIGNATE	CDDA sites	Total Area reference	Remark	Number of sites
ESP	ES00		No Protection Status	False			0
ESP	ES99		Others	False			0
							0

! 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:

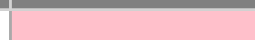









http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20660

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: 40

ISO3	DESIG ABBR	Category	DESIGNATE	Law	Lawreference	Number of sites
ESP	ES01	A	Special Nature Reserve	LEY 4/1989 de 27 de marzo, de ...		8
ESP	ES02	A	Integral Reserve	LEY 4/1989 de 27 de marzo, de ...		5
ESP	ES03	A	Marine Reserve	LEY 19/1990		0
ESP	ES04	A	Nature Reserve	LEY 4/1989 de 27 de marzo, de ...		60
ESP	ES05	A	Wildlife Nature Reserve	LEY 4/1989 de 27 de marzo, de ...		0
ESP	ES06	A	Partial Nature Reserve	LEY 4/1989 de 27 de marzo, de ...		40
ESP	ES07	A	Integral Nature Reserve	LEY 4/1989 de 27 de marzo, de ...		4
ESP	ES08	A	National Park	LEY 4/1989 de 27 de marzo, de ...		0
ESP	ES09	A		LEY 2/19989 de 18 de julio, po...		9
ESP	ES10	A	Nature Park	LEY 4/1989 de 27 de marzo, de ...		73
ESP	ES11	A	Regional Park	LEY 4/1989 de 27 de marzo, de ...		7

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ISO3	DESIG ABBR	Category	DESIGNATE	Law	Lawreference	Number of sites
ESP	ES12	A		LEY 8/1998 de 26 de junio, de ...		2
ESP	ES13	A	Nature Area (Paraje Natural)	Normativa Autonómica		20
ESP	ES14	A	Nature Area of National Interest	Normativa Autonómica		3
ESP	ES15	A		LEY 11/1994 de 27 de diciembre...		0
ESP	ES16	A	Nature Site of National Interest	LEY 4/1989 de 27 de marzo, de ...		0
ESP	ES17	A	Area of scientific interest	LEY 8/1998 de 26 de junio, de ...		2
ESP	ES18	A	Nature Enclave	LEY Foral 2/1993 de 5 de marzo...		1
ESP	ES19	A	Natural Monument	LEY 4/1989 de 27 de marzo, de ...		18
ESP	ES20	A	Natural Monument of National interest	LEY 4/1989 d 27 de marzo, de C...		0
ESP	ES21	A	Singular Tree	Normativa Autonómica		14
ESP	ES22	A	Natural Protected Space	LEY 4/1992 de la Comunidad de ...		0
ESP	ES23	A	Spaces in Regime of general protection	LEY 4/1989 de 27 de marzo, de ...		0
ESP	ES24	A	Recreative Natural Area	LEY Foral 2/1993 de 5 de marzo...		0
ESP	ES25	A	Picturesque Area	LEY 4/1989 de 27 de marzo, de ...		0
ESP	ES30	A		LEY 4/1989 de 27 de marzo, de ...		0
ESP	ES31	A	Directed Nature Reserve	LEY 4/1989 de 27 de marzo, de ...		0
ESP	ES32	A		LEY 9/1999 de 26 de mayo, de C...		0
ESP	ES33	A	Biosphere Reserve	LEY 5/1989		0
ESP	ES34	A	Protected Humedal	LEY 9/2001 de 21 de agosto, de...		0
ESP	ES89	A	Marine Nature Reserve	LEY 11/1994 de 27 de diciembre...		0
ESP	ES90	A	Protected Biotope	LEY 16/1994 de 30 de junio, de...		0
ESP	ES91	A	Fluvial Reserve	LEY 9/1999 de 26 de mayo, de C...		0
ESP	ES92	A	Rural Park	LEY 4/1989 de 27 de marzo, de ...		6
ESP	ES93	A	Site of Scientific Interest	LEY 12/1994 de 19 de diciembre...		5
ESP	ES94	A	Natural Landscape	LEY 4/1989 de 27 de marzo, de ...		2
ESP	ES95	A		LEY 8/1998 de 26 de junio, de ...		0
ESP	ES96	A		LEY 9/2001 de 21 de agosto, de...		12
ESP	ES97	A	Ecological corridors and of biodiversity	LEY 8/1998 de 26 de junio, de ...		1
ESP	ES98	A		LEY 4/1989 de 27 de marzo, de ...		4
						296


! 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: 1

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Agency	Number of sites
ESP	SpNR		Special Nature Reserve	Special Nature Reserve		0
						0

? 4.1.23 Designations where "Number_reference", "Total_Area_reference", "Date_Source" or "Reference_date" 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
	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
	6 area names are duplicated (12 sites have these names totaly).	4.2.14
SIZE	All sites have size	4.2.16
IUCNCAT	All sites have IUCN category	4.2.19
	2 sites have IUCN category ("I") which is not present in official list!	4.2.20
NUTS	All sites have NUTS codes	4.2.21
YEAR	1 site (196399) has missing year!	4.2.23
ALTITUDEs	All sites have both altitudes	4.2.25
LAT, LON	All sites have coordinates	4.2.29
	95 sites have coordinates outside of reference bounding box/boxes of the country!	4.2.30
To_be_deleted	No sites marked to be deleted	4.2.33
EIONET fields	No values were changed in old sites	4.2.34
NOTES	No site has "NOTES" filled.	4.2.32

i 4.2.01 New sitesNumber of new records in the sites table: **0****! 4.2.04 Sites where "SITE_CODE" is duplicated**Number of detected records: **0****! 4.2.06 Number of sites by designation where "SITE_CODE_NAT" is empty**Number of detected designations: **0****! 4.2.07 Sites where "SITE_CODE_NAT" is duplicated**Number of detected records: **0****! 4.2.08 Sites where "ISO3" is empty or incorrect**Number of detected records: **0****! 4.2.10 Sites where "DESIG_ABBR" is empty**Number of detected records: **0****! 4.2.11 Number of sites by designation where "DESIG_ABBR" is not present in "DESIGNATIONS" table**Number of detected designations: **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=28137Number of detected records: **12**

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME
71215	ES113006	ESP	ES10	BAIXA LIMIA-SERRA DO XURÉS
196459	ES113001	ESP	ES10	BAIXA LIMIA-SERRA DO XURÉS
890	ES612011	ESP	ES09	DOÑANA
196457	ES615001	ESP	ES09	DOÑANA
20934	ES611010	ESP	ES94	PUNTA ENTINAS-SABINAR
142804	ES611004	ESP	ES04	PUNTA ENTINAS-SABINAR

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME
196166	ES530010	ESP	ES17	SES SALINES DE IBIZA Y FORMENTERA
196191	ES530008	ESP	ES17	SES SALINES DE IBIZA Y FORMENTERA
20956	ES611006	ESP	ES10	SIERRA NEVADA
196458	ES611008	ESP	ES10	SIERRA NEVADA
10196	ES702064	ESP	ES09	TEIDE
142939	ES702001	ESP	ES19	TEIDE

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

Number of detected designations: 0

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

Number of detected records: 0

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

Number of detected designations: 0

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

Please use always IUCN categories from look-up table "IUCNCATEGORIES", otherwise they are treated as errors, as they affect indicator production as total protected area per IUCN category.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=22805

http://dd.eionet.europa.eu/dstable.jsp?mode=view&table_id=3346

Legend - highlightings of result table fields

IUCNCAT IUCN category code is not present in official list (error)

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

Number of detected designations: 1

IUCNCAT	Valid sites			Sites to be deleted		
	number	%	size	number	%	size
I	2	0.68	4904	0	0	0
	2	0.68	4904	0	0	0

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

Number of detected designations: 0

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

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

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=17090

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
ES06	Partial Nature Reserve	1	2.5	981	0	0	0
		1	0.34	981	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

Number of detected designations: 0

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

Number of detected records: 0

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

Number of detected records: 0

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

Number of detected designations: 0

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

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

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

http://www.mapability.com/index1.html?http&&www.mapability.com/info/vmap0_index.html

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28825

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20550

Legend - highlightings of result table fields

LAT, LON		Coordinates outside country. Check whether it is a real error or it caused just because of slight differences in used GIS data sources.
LAT	value	Coordinate is out of possible range (-90 to +90)
LON	value	Coordinate is out of possible range (-180 to +180)

Number of detected records: **95 (32.09 %)**

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	LAT	LON
895	ES701001	ESP	ES09	TIMANFAYA	5107	37.7341	-13.781
897	ES702003	ESP	ES09	GARAJONAY	3984	43.2782	-17.2473
4740	ES617001	ESP	ES13	TORCAL DE ANTEQUERA	1171	28.2772	-4.5461
10196	ES702064	ESP	ES09	TEIDE	18990	42.0455	-16.6448
13350	ES220026	ESP	ES04	ITXUSI	115	28.3811	-1.4018
15376	ES615002	ESP	ES94	MARISMAS DEL ODIEL	7185	28.9943	-6.9695
15429	ES511004	ESP	ES10	MASSIS DEL MONTSENY	17372	28.393	2.3779
15500	ES300005	ESP	ES10	CUMBRE, CIRCO Y LAGUNAS DE PEÑALARA	768	28.2649	-3.9455
19062	ES701015	ESP	ES96	TUFIA	54	38.393	-15.3808
19065	ES702061	ESP	ES96	LOS ROQUES	107	27.7985	-17.2106
19066	ES701014	ESP	ES96	ROQUE DE GANDO	1	43.1692	-15.3582
19068	ES701011	ESP	ES19	MONTAÑA DE TINDAYA	187	42.2005	-13.9761
19069	ES701020	ESP	ES96	MONTAÑA DE AGUIMES	285	42.256	-15.43
19074	ES701032	ESP	ES96	JUNCALILLO DEL SUR	192	42.2807	-15.4775
19076	ES701030	ESP	ES96	JANUBIO	169	42.3449	-13.8227
19084	ES701008	ESP	ES19	LOS AJACHES	3010	37.2331	-13.7651
19123	ES701019	ESP	ES12	LAS CUMBRES	4329	37.3415	-15.5883
19125	ES701045	ESP	ES21	LA GERIA	5255	43.0212	-13.6684
19130	ES701018	ESP	ES10	LA ISLETA	560	42.1403	-15.4229
19135	ES702039	ESP	ES10	MAJONA	1757	29.1827	-17.1589
19144	ES701012	ESP	ES10	TAMADABA	7539	43.5298	-15.7255
19145	ES702042	ESP	ES92	TENO	8064	36.3915	-16.851
20941	ES617005	ESP	ES13	LOS REALES DE SIERRA BERMEJA	1236	28.6864	-5.2009
20946	ES614003	ESP	ES10	SIERRA DE BAZA	52237	28.184	-2.8146
20947	ES614004	ESP	ES10	SIERRA DE CASTRIL	12265	27.9691	-2.763
20958	ES615012	ESP	ES10	SIERRA DE ARACENA Y PICOS DE AROCHE	186827	27.8802	-6.5817
20965	ES220030	ESP	ES04	LARRA	2353	28.8277	-0.7728
71219	ES522003	ESP	ES10	PRAT DE CABANES-TORREBLANCA	865.1	28.0798	0.1908

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SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	LAT	LON
71224	ES702074	ESP	ES10	LAS NIEVES	5094	41.1185	-17.8099
92603	ES702057	ESP	ES93	JUAN MAYOR	29	36.9564	-17.7815
92608	ES702056	ESP	ES93	CHARCO DEL CONDE	11	42.3681	-17.3365
92617	ES702023	ESP	ES19	MONTAÑA AMARILLA	28	41.3624	-16.6339
92624	ES702025	ESP	ES19	MONTAÑA PELADA	153	43.6004	-16.518
92625	ES702048	ESP	ES04	MONTAÑA ROJA	166	37.3154	-16.5468
92626	ES702024	ESP	ES19	MONTAÑA DE TEJINA	170	42.157	-16.7524
92627	ES702021	ESP	ES19	LOS ORGANOS	154	28.9378	-17.2668
92628	ES702052	ESP	ES07	PINAR DE GARAFIA	984	43.6426	-17.8743
92629	ES702049	ESP	ES01	PUNTALLANA	292	41.9858	-17.1142
92638	ES702027	ESP	ES93	TABAIBAL DEL PORIS	49	42.1076	-16.4282
92639	ES702037	ESP	ES21	TIMIJIQUQUE	383	38.4227	-17.9182
92640	ES702065	ESP	ES19	TUBO VOLCANICO DE TODOQUE	1	28.2147	-17.8911
92704	ES701028	ESP	ES92	DORAMAS	3586	42.9612	-15.5806
106780	ES230001	ESP	ES10	SIERRA DE CEBOLLERA	23640	28.5971	-2.6312
127897	ES702062	ESP	ES10	CUMBRE VIEJA	7500	28.2697	-17.8457
142926	ES701017	ESP	ES19	TAURO	1257	40.9505	-15.7031
142928	ES701007	ESP	ES19	LA CORONA	1797	43.1991	-13.4476
142929	ES701021	ESP	ES21	PINO SANTO	3012	43.0184	-15.4991
142930	ES701022	ESP	ES21	TAFIRA	1414	28.4727	-15.4596
142931	ES701044	ESP	ES21	FATAGA	3005	36.9088	-15.5715
142933	ES701026	ESP	ES10	PILANCONES	5794	42.7758	-15.6163
142934	ES701041	ESP	ES10	CORRALEJO	2669	42.3504	-13.8456
142937	ES701053	ESP	ES01	GUI-GUI	2921	43.1238	-15.8118
142939	ES702001	ESP	ES19	TEIDE	3607	42.2229	-16.6118
142940	ES702038	ESP	ES21	VENTEJIS	1143	28.3088	-17.9436
142941	ES702073	ESP	ES21	TAMANCA	2007	42.1625	-17.8457
142942	ES702036	ESP	ES21	ORONE	1788	38.0125	-17.2668
142943	ES702070	ESP	ES21	LAS LAGUNETAS	3800	43.0154	-16.4172
142944	ES702071	ESP	ES21	LAS SIETE LOMAS	1014	43.254	-16.4321
142945	ES702041	ESP	ES92	FRONTERA	12488	39.3512	-18.0569
142946	ES702045	ESP	ES01	GUELGUEN	1074	37.5416	-17.8689
142948	ES702075	ESP	ES01	CHINYERO	2443	42.533	-16.7742
142964	ES220005	ESP	ES02	UKERDI	322	28.6316	-0.7788
151302	ES220048	ESP	ES04	TRISTUIBARTEA	55	27.9536	-1.2452
151311	ES120005	ESP	ES06	CUEVA ROSA	0	28.0357	-5.1307
151315	ES120003	ESP	ES06	RIA DE VILLAVICIOSA	1000	28.7818	-5.3946
151319	ES701049	ESP	ES06	LOS VOLCANES	10158	36.1948	-13.7489
151337	ES512023	ESP	ES06	VOLCAN PUJALOS	981	27.8998	2.5365
195786	ES415001	ESP	ES98	LAS BATUECAS-SIERRA DE FRANCIA	32300	27.9533	-6.121
195797	ES702022	ESP	ES10	LOS VOLCANES DE ARIDANE	100	39.0208	-17.9169
195848	ES613004	ESP	ES07	LAGUNA DEL CONDE O SALOBRAL	89	27.7187	-4.2032
195883	ES612019	ESP	ES04	PEÑÓN DE ZAFRAMAGÓN	448	28.4024	-5.369
195895	ES220049	ESP	ES04	VEDADO DE EGÜARAS	500	28.6362	-1.5374
195918	ES701010	ESP	ES19	MONTAÑA CARDON	1267	43.2698	-14.1587
195919	ES530003	ESP	ES10	MONDRAGO	785	28.3859	3.1795

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	LAT	LON
195926	ES512028	ESP	ES14	MASSIS DE L'ALBERA	4108	28.1565	2.9692
195927	ES615009	ESP	ES13	MARISMAS DEL RÍO PIEDRAS Y FLECHA DEL ROMPIDO	2530	28.1694	-7.1543
195928	ES612012	ESP	ES13	MARISMAS DE SANCTI PETRI	170	28.1011	-6.2019
195929	ES701047	ESP	ES21	MALPAIS GRANDE	3245	43.5004	-13.9691
195930	ES702047	ESP	ES01	MALPAIS DE LA RASCA	315	29.0061	-16.6908
195931	ES701009	ESP	ES96	MALPAIS DE LA ARENA	871	43.337	-13.931
195932	ES702046	ESP	ES01	MALPAIS DE GUIMAR	290	28.799	-16.3697
196003	ES702066	ESP	ES06	EL REMO	183	37.4754	-17.8918
196085	ES701031	ESP	ES96	JINAMAR	30	28.8169	-15.3986
196099	ES701025	ESP	ES10	JANDIA	14319	37.5336	-14.3368
196156	ES613010	ESP	ES10	SIERRA DE CARDEÑA Y MONTORO	41201	27.9408	-4.2806
196229	ES613009	ESP	ES10	SIERRAS SUBBÉTICAS	32056	28.3236	-4.3104
196266	ES702026	ESP	ES10	CORONA FORESTAL	46613	41.9928	-16.597
196293	ES530004	ESP	ES10	S'ALBUFERA DES GRAU	1947	41.7394	4.2436
196331	ES512024	ESP	ES06	VOLCAN ROCA NEGRA I PUIG SUBI	981	28.1915	2.5584
196371	ES702087	ESP	ES19	VOLCANES DE TENEGUIA	857	28.0368	-17.8456
196372	ES512001	ESP	ES04	ZONA VOLCANICA DE LA GARROTXA	12007	29.0032	2.5358
196399	ES512050	ESP	ES06	VOLCAN L'ESTANY	981	27.7407	2.5307
196406	ES702028	ESP	ES19	RISCO DE LA CONCEPCION	66	43.1899	-17.7742
196418	ES701016	ESP	ES96	ROQUE AGUAYRO	807	38.4834	-15.4833
196454	ES512021	ESP	ES06	VOLCAN PUIG RODO, PUIG DE LES MEDES I LLACUNAGRA	981	28.0123	2.5544
					648020.1		

i 4.2.31 Sites where coordinates are duplicated

Number of detected records: **0**

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

Number of detected designations: **0**

4.3 Sitehabitats table

Table contains no records!