



Nationally designated areas (National - CDDA)

Quality control documentation

Public version

2006

Nationally designated areas (CDDA)

The European inventory of nationally designated areas holds information about protected sites and about the national legislative instruments, which directly or indirectly create protected areas.

Quality control tests have been performed on the CDDA database provided in October 2006 by ETC/BD. This database is included in the data service as version 6, and is publicly available. The database is available from the EEA data service at the following URL:
<http://dataservice.eea.europa.eu/dataservice/metadetails.asp?id=961>

About the report

This report is a light version of the full quality control report on the Nationally designated areas (CDDA) database. All the quality checks performed in the quality control process are listed in the table of contents. However the report contains only the results considered as the most important for public users of the database.

The report has a hierarchical structure. There are 6 main chapters and each contains 2 levels of subsections.

Chapters 1, 3, 4 and 5 are assigned tests performed on all 4 data tables from CDDA database. Chapter 2 contains comparison of new and old version of "SITES" table. Chapter 6 contains the tests on the spatial data in the CDDA database. Maps of designated area produced from the spatial data are also shown in Chapter 6.

Each first level subsection contains a group of tests performed on one particular field in a data table or tests which have something common. Second level subsection contains concrete results presented in table form.

Result description texts are generic and do not reflect the real result nor the possible actions necessary to improve the data quality.

There are 58 particular quality checks (90 in full version). 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.**

Table of contents

	page
1. Tests performed on the "SITES" table	7
<i>i</i> List of "SITES" table fields	7
1.a Tests performed on the "SITE_CODE" field	n/a
! 1.a.1 Number of sites by country where "SITE_CODE" is NULL	n/a
! 1.a.2 "SITE_CODE" values which are not unique (i.e. more than one site has the same "SITE_CODE")	n/a
1.b Site summary	7
<i>i</i> 1.b.1 Total number of sites by country	7
1.c Tests performed on the "SITE_CODE_NAT" field	9
<i>i</i> 1.c.1 Number of sites by country where "SITE_CODE_NAT" is NULL	9
<i>i</i> 1.c.2 "SITE_CODE_NAT" values which are not unique inside ISO3 country	n/a
1.d Tests performed on "PARENT_ISO" and "ISO3" fields	n/a
! 1.d.1 Number of sites where "PARENT_ISO" or "ISO3" is null	n/a
! 1.d.2 Number of sites where "PARENT_ISO" or "ISO3" is not present in official list	n/a
1.e "PARENT_ISO" and "ISO3" combinations	10
<i>i</i> 1.e.1 List of "PARENT_ISO" country codes and "ISO3" country codes related to them.	10
1.f Tests performed on "DESIG_ABBR" field	12
! 1.f.1 Number of sites by country where "DESIG_ABBR" is NULL	12
! 1.f.2 Number of sites by country where "DESIG_ABBR" code is not present in the "DESIGNATION" table	12
1.g Tests performed on "AREANAME" field	n/a
<i>i</i> 1.g.1 Number of sites by country where "AREANAME" is NULL	n/a
? 1.g.2 Number of records per country where "AREANAME" values are not unique (i.e. more than one site has the same "AREANAME").	n/a
1.h. Tests performed on "SIZE" field	13
! 1.h.1 Number of sites by country where "SIZE" is NULL	13
<i>i</i> 1.h.2 Number of sites by country where "SIZE" = 0	13
1.i Tests performed on "IUCNCAT" field	15
! 1.i.1 Number of sites by country where "IUCNCAT" is NULL	15
! 1.i.2 Number of sites by country where "IUCNCAT" is not present in the "IUCN_CATEGORIES" table	15
1.j Tests performed on "NUTS" field	n/a
<i>i</i> 1.j.1 Number of sites by country where "NUTS" is NULL	n/a
1.k Tests performed on "YEAR" field	17
<i>i</i> 1.k.1 Number of sites by country where "YEAR" is NULL	17
! 1.k.2 Sites where "YEAR" is less than 1872 or more than 2006	17
1.l Test performed on "ALTITUDE_MIN" and "ALTITUDE_MAX" fields	18
<i>i</i> 1.l.1 Number of sites by country where either "ALTITUDE_MIN" is NULL or "ALTITUDE_MAX" is NULL	18
! 1.l.2 Number of sites by country where "ALTITUDE MIN" is higher than "ALTITUDE MAX"	19
? 1.l.3 Sites where "ALTITUDE_MIN" or "ALTITUDE_MAX" are out of reference elevation range of country	19
1.m Test performed on "LAT" and "LON" fields	21
<i>i</i> 1.m.1 Number of sites by country where either "LAT" is NULL or "LON" is NULL	21
<i>i</i> 1.m.2 Number of sites by country where both coordinates are available	21

! 1.m.3 Sites where at least one of the coordinates is out of the possible range (LAT from -90° to 90°, LON from -180° to 180°)	23
i 1.m.4 Number of sites by country where "LAT" and "LON" values are not unique (i.e. more than one site has the same "LAT" and "LON")	23
2. Nationally designated area - Version comparison of "SITES" table	24
2.a Comparison of countries	n/a
i 2.a.1 New countries available in version 6 not available within version 5	n/a
i 2.a.2 Countries available in version 5 not available within version 6	n/a
2.b Comparison of sites	24
i 2.b.1 Number of new sites by country available in version 6 not available within version 5	24
i 2.b.2 Number of sites by country available in version 5 not available within version 6	25
i 2.b.3 Number od sites by country available in version 6 and also in version 5	25
! 2.b.4 "SITE_CODE" values which were present in version 5, but not any more present in version 6 and also not in table with sites to be deleted	n/a
? 2.b.5 Sites which are marked as to be deleted but were not present in the version 5	n/a
? 2.b.6 Sites which are marked as to be deleted but which are still present in the final version of the version 6	n/a
2.c Simple comparison of next 6 field values	27
i 2.c.1 Number of sites by country where "SITE_CODE_NAT" in version 5 is different to version 6	27
i 2.c.2 Number of sites by country where the "DESIG_ABBR" in version 5 is different to version 6	27
i 2.c.3 Number of sites by country where the "AREANAME" in version 5 is different to version 6	n/a
i 2.c.4 Number of sites by country where the "IUCNCAT" in version 5 is different to version 6	27
i 2.c.5 Number of sites by country where the "NUTS" in version 5 is different to version 6	n/a
i 2.c.6 Number of sites by country where the "YEAR" in version 5 is different to version 6	n/a
? 2.c.7 Number of sites by country and by "DESIG_ABBR" where "DESIG_ABBR" has been changed but the "YEAR" has not been	n/a
2.d Comparison performed on "SIZE" fields	29
i 2.d.1 Variation of reported size for common sites between version 5 and version 6	29
i 2.d.2 Breakdown by site where the variation of site size is superior to 1000% between version 5 and version 6	29
2.e Comparisons performed on "LAT" and "LON" fields	n/a
i 2.e.1 Breakdown by site where the variation of latitude is superior to 5 degrees between version 5 and version 6	n/a
i 2.e.2 Breakdown by site where the variation of longitude is superior to 5 degrees between version 5 and version 6	n/a
3. Tests performed on the "DESIGNATION" table	31
i List of "DESIGNATIONS" table fields	31
3.a Tests performed on the "ISO3" field	31
i 3.a.1 Designation types where ISO3 is NULL	31
i 3.a.2 Number of sites by country where designation types detected in check 3.a.1 are used in the "SITES" table	32
i 3.a.3 Number of designation types by "ISO3" country	32
3.b Tests performed on the "DESIG_ABBR" field	34
! 3.b.1 Designation types where "DESIG_ABBR" is NULL	34
! 3.b.2 Designation types where "DESIG_ABBR" do not follow official naming convention	34
! 3.b.3 Designation types where "DESIG_ABBR" is not unique	36
i 3.b.4 Number of sites by country where designation types detected in checks 3.b.2 and 3.b.3 are used in the "SITES" table	36

3.c Tests performed on "CATEGORY" field	n/a
i 3.c.1 Number of designation categories by country where "CATEGORY" is null (only if "DESIG_ABBR" is different than "xx00" and "xx99")	n/a
! 3.c.2 Designation types where "CATEGORY" is not present in the DESIG_CATEGORIES table	n/a
i 3.c.3 Number of sites by country where designation types detected in check 3.c.2 are used in the "SITES" table	n/a
3.d Availability of designation types	n/a
i 3.d.1 Designation types in the "DESIGNATION" table that are not used in the "SITE" table	n/a
4. Nationally designated area - Version comparison of "DESIGNATIONS" table	38
4.a Comparison of designation types	38
i 4.a.1 Number of new designations by country available in version 6 not available within version 5	38
i 4.a.2 Designations that are new in version 6 ("DESIG_ABBR" was not present in version 5)	n/a
i 4.a.3 Number of designations by country available in version 5 not available within version 6	n/a
i 4.a.4 Designations that were deleted for version 6 ("DESIG_ABBR" is present in version 5, but not present in version 6)	n/a
i 4.a.5 Number of designations by country available in version 6 and also in version 5	38
? 4.a.6 Designation types which were present in version 5, but not any more present in version 6 and also not in table with designations to be deleted	n/a
? 4.a.7 Designation types which are marked as to be deleted but were not present in the version 5	n/a
? 4.a.8 Designation types which are marked as to be deleted but which are still present in the final version of the version 6	n/a
4.b Comparisons performed on field "DESIGNATE"	41
i 4.b.1 Designation types where name (field "DESIGNATE") in version 5 is different to version 6	41
5. Tests performed on the "SITEHABITATS" table	42
i List of "SITEHABITATS" table fields	42
5.a Tests performed at "SITE_CODE" field	42
! 5.a.1 "SITE_CODE" values which are not available in the "SITES" table	42
5.b Site habitats summary	42
i 5.b.1 Number of sites with habitats and number of site habitats records subdivided by country	42
i 5.b.2 Number of sites by country subdivided by number of habitats records in site	42
5.c Checks for logical errors in records	44
! 5.c.1 Records where the habitat is NULL or habitat type not present in reference list	44
! 5.c.2 Number of records by country where "COVER" is NULL or 0	44
! 5.c.3 Number of records by country where "COVER" is > 100%	44
5.d Statistical results from provided habitat levels	45
i 5.d.1 Number of records by habitat categories subdivided by habitat level	45
i 5.d.2 Number of records by countries subdivided by habitat level	45
i 5.d.3 Number of records by countries by habitat categories subdivided by habitat level	45
5.e Specific tests	48
! 5.e.1 Number of records by country without sea coast where habitat is Marine (A) or Coastal (B)	48
i 5.e.2 Sites with habitats where total cover is < 100%	48
6. Nationally designated area - GIS data	51
i 6.a Distribution of reported data of Nationally designated areas (CDDA) - points	51
6.b Tests of geographical accuracy and correctness of coordinates used to produce th	52

! 6.b.1 Sites where at least one of the coordinates is outside of the bounding box/boxes of the relevant country	52
i 6.c Distribution of Nationally designated areas (CDDA) - boundaries	57
6.d Consistency tests performed on the attribute table DBF file of GIS layer used to produce the result displayed in the point 6.c	58
<i>6.d.1 List of DBF table fields</i>	58
<i>6.d.1 Total number of records by country</i>	58
! 6.d.2 Number of records with invalid "SITE_CODE" and invalid "SITE_CODE_NAT" by country	59
? 6.d.3 Number of records where "ISO3" is empty subdivided by availability of "SITE_CODE"	59
<i>6.d.4 Number of sites with boundaries by countries</i>	60
! 6.d.5 Sites with boundaries which are not available in "SITES" table	60
! 6.d.6 Sites with boundaries where combination of "SITE_CODE" and "SITE_CODE_NAT" is not unique	68
! 6.d.7 Sites with boundaries where "ISO3" is different then in "SITES" table	n/a

1 Tests performed on the "SITES" table

The table "SITES" contains the information on the individual designated areas.

List of "SITES" table fields

i In the table is displayed also a number of records where value in particular field is "NULL" or empty character "".

Field name	Number of records	Percentage of the total number of records (84531)
SITE_CODE	0	0.00
SITE_CODE_NAT	15095	17.86
PARENT_ISO	0	0.00
ISO3	0	0.00
DESIG_ABBR	0	0.00
AREANAME	0	0.00
SIZE	1746	2.07
IUCNCAT	13428	15.89
NUTS	16145	19.10
YEAR	8960	10.60
ALTITUDE_MIN	47816	56.57
ALTITUDE_MAX	47782	56.53
LAT	15762	18.65
LON	15759	18.64

1.b Site summary

1.b.1 Total number of sites by country

i This is basic statistical result. Countries where the name is "UNKNOWN" written in red are not in the official ISO list of countries (see more at 1.d.2).

parent iso	Country name	Number of sites
ALB	Albania	802
AND	Andorra	5
ARM	Armenia	28
AUT	Austria	1097
AZE	Azerbaijan	35
BEL	Belgium	1602
BGR	Bulgaria	911
BIH	Bosnia and Herzegovina	155
BLR	Belarus	904
CHE	Switzerland	3127
CYP	Cyprus	23
CZE	Czech Republic	2250
DEU	Germany	14791
DNK	Denmark	3835
ESP	Spain	296
EST	Estonia	12905
FIN	Finland	6044
FRA	France	1628
GBR	United Kingdom of Great Britain and Northern Ireland	8671
GEO	Georgia	27

parent iso	Country name	Number of sites
GRC	Greece	166
HRV	Croatia	195
HUN	Hungary	242
IRL	Ireland	208
ISL	Iceland	79
ITA	Italy	772
LIE	Liechtenstein	40
LTU	Lithuania	331
LUX	Luxembourg	97
LVA	Latvia	702
MCO	Monaco	2
MDA	Republic of Moldova	63
MKD	The former Yugoslav Republic of Macedonia	77
MLT	Malta	156
NLD	Netherlands	1949
NOR	Norway	2455
POL	Poland	2058
PRT	Portugal	68
ROU	Romania	982
RUS	Russian Federation	250
SCG	Serbia and Montenegro	205
SVK	Slovakia	1145
SVN	Slovenia	434
SWE	Sweden	5338
TUR	Turkey	2183
UKR	Ukraine	5198
TOTAL		84531

1.c Tests performed on the "SITE_CODE_NAT" field

"SITE_CODE_NAT" is national site identifier.

1.c.1 Number of sites by country where “SITE_CODE_NAT” is NULL

i Detected records needn't be wrong. Some countries do not have a national databases of designated areas. Even if they have one, some type of sites in some countries do not have specific unique identifier.

parent iso	Country name	Number of sites	Percentage in the total number of sites
ALB	Albania	802	100.00
AND	Andorra	5	100.00
ARM	Armenia	28	100.00
AZE	Azerbaijan	35	100.00
BEL	Belgium	136	8.49
BIH	Bosnia and Herzegovina	155	100.00
BLR	Belarus	904	100.00
CHE	Switzerland	39	1.25
CYP	Cyprus	23	100.00
CZE	Czech Republic	2250	100.00
DEU	Germany	78	0.53
DNK	Denmark	2	0.05
FRA	France	1	0.06
GBR	United Kingdom of Great Britain and Northern Ireland	24	0.28
GEO	Georgia	27	100.00
GRC	Greece	166	100.00
HRV	Croatia	195	100.00
IRL	Ireland	7	3.37
ISL	Iceland	79	100.00
LIE	Liechtenstein	40	100.00
MCO	Monaco	2	100.00
MDA	Republic of Moldova	63	100.00
MKD	The former Yugoslav Republic of Macedonia	77	100.00
NOR	Norway	1	0.04
POL	Poland	2058	100.00
PRT	Portugal	30	44.12
RUS	Russian Federation	250	100.00
SCG	Serbia and Montenegro	205	100.00
SVK	Slovakia	32	2.79
TUR	Turkey	2183	100.00
UKR	Ukraine	5198	100.00
TOTAL		15095	17.86

1.e “PARENT_ISO” and “ISO3” combinations

"PARENT_ISO" is the official ISO Alpha 3 code of the site reporting country. "ISO3", the area where the site is located, may be the same except for reporting countries which have overseas territories under their jurisdiction.

1.e.1 List of “PARENT_ISO” country codes and “ISO3” country codes related to them.



Countries with more "ISO3" for one "PARENT_ISO" are highlighted by green background.

parent iso	iso3	Country name	Number of sites
ALB	ALB	Albania	802
AND	AND	Andorra	5
ARM	ARM	Armenia	28
AUT	AUT	Austria	1097
AZE	AZE	Azerbaijan	35
BEL	BEL	Belgium	1602
BGR	BGR	Bulgaria	911
BIH	BIH	Bosnia and Herzegovina	155
BLR	BLR	Belarus	904
CHE	CHE	Switzerland	3127
CYP	CYP	Cyprus	23
CZE	CZE	Czech Republic	2250
DEU	DEU	Germany	14791
DNK	DNK	Denmark	3833
	GRL	Greenland	2
ESP	ESP	Spain	296
EST	EST	Estonia	12905
FIN	FIN	Finland	6044
FRA	GLP	Guadeloupe	22
	GUF	French Guiana	21
	MTO	Martinique	12
	FRA	France	1552
	REU	Réunion	21
GBR	GIB	Gibraltar	1
	GBR	United Kingdom of Great Britain and Northern Ireland	8670
GEO	GEO	Georgia	27
GRC	GRC	Greece	166
HRV	HRV	Croatia	195
HUN	HUN	Hungary	242
IRL	IRL	Ireland	208
ISL	ISL	Iceland	79
ITA	ITA	Italy	772
LIE	LIE	Liechtenstein	40
LTU	LTU	Lithuania	331
LUX	LUX	Luxembourg	97
LVA	LVA	Latvia	702
MCO	MCO	Monaco	2
MDA	MDA	Republic of Moldova	63
MKD	MKD	The former Yugoslav Republic of Macedonia	77
MLT	MLT	Malta	156
NLD	NLD	Netherlands	1949
NOR	SJM	Svalbard and Jan Mayen Islands	22
	NOR	Norway	2433

parent iso	iso3	Country name	Number of sites
POL	POL	Poland	2058
PRT	PRT	Portugal	68
ROU	ROU	Romania	982
RUS	RUS	Russian Federation	250
SCG	SCG	Serbia and Montenegro	205
SVK	SVK	Slovakia	1145
SVN	SVN	Slovenia	434
SWE	SWE	Sweden	5338
TUR	TUR	Turkey	2183
UKR	UKR	Ukraine	5198

1.f Tests performed on "DESIG_ABBR" field

"DESIG_ABBR" is national designation type code, provided by countries.

1.f.1 Number of sites by country where “DESIG_ABBR” is NULL

! This is a key value so it must be provided.

parent iso	Country name	Number of sites	Percentage in the total number of sites
TOTAL		0	0.00

1.f.2 Number of sites by country where "DESIG_ABBR" code is not present in the "DESIGNATION" table

! If some records are detected, either the designation types is wrong written (mistyped) in the "SITES" table or the relevant record is missing in the "DESIGNATION" table.

parent iso	Country name	Desig abbr	Number of sites
LUX	Luxembourg	LU09	2
TOTAL			2

1h. Tests performed on "SIZE" field

"SIZE" is site surface area in ha.

1.h.1 Number of sites by country where “SIZE” is NULL

- ! For some sites, it maybe problematic to provide exact value for the size, nevertheless, this value is needed to calculate the core set indicator so an approximate value is better than no value. However it is questionable if the national legislation would designate the site without information on the area affected.

parent iso	Country name	Number of sites	Percentage in the total number of sites
ALB	Albania	288	35.91
AUT	Austria	2	0.18
CHE	Switzerland	83	2.65
DEU	Germany	46	0.31
EST	Estonia	6	0.05
FRA	France	97	5.96
GRC	Greece	1	0.60
HRV	Croatia	3	1.54
IRL	Ireland	21	10.10
LVA	Latvia	35	4.99
MKD	The former Yugoslav Republic of Macedonia	3	3.90
NOR	Norway	46	1.87
POL	Poland	241	11.71
PRT	Portugal	4	5.88
ROU	Romania	4	0.41
SCG	Serbia and Montenegro	28	13.66
SVN	Slovenia	2	0.46
TUR	Turkey	836	38.30
TOTAL		1746	2.07

1.h.2 Number of sites by country where “SIZE” = 0

- i A "0" area value may be given to point objects, like trees, caves or steep cliffs etc.

parent iso	Country name	Number of sites	Percentage in the total number of sites
ALB	Albania	323	40.27
BEL	Belgium	2	0.12
BGR	Bulgaria	1	0.11
BLR	Belarus	334	36.95
CHE	Switzerland	2	0.06
CYP	Cyprus	1	4.35
DEU	Germany	32	0.22
DNK	Denmark	1390	36.25
ESP	Spain	6	2.03
EST	Estonia	1144	8.86
FRA	France	116	7.13
GBR	United Kingdom of Great Britain and Northern Ireland	22	0.25
GEO	Georgia	2	7.41
GRC	Greece	36	21.69
HRV	Croatia	32	16.41

parent iso	Country name	Number of sites	Percentage in the total number of sites
HUN	Hungary	3	1.24
IRL	Ireland	1	0.48
ITA	Italy	13	1.68
LVA	Latvia	2	0.28
MKD	The former Yugoslav Republic of Macedonia	19	24.68
MLT	Malta	31	19.87
NOR	Norway	210	8.55
POL	Poland	9	0.44
PRT	Portugal	2	2.94
ROU	Romania	4	0.41
RUS	Russian Federation	9	3.60
SCG	Serbia and Montenegro	14	6.83
SVK	Slovakia	65	5.68
SWE	Sweden	1252	23.45
UKR	Ukraine	27	0.52
TOTAL		5104	6.04

1.i Tests performed on "IUCNCAT" field

"IUCNCAT" is IUCN management category.

1.i.1 Number of sites by country where "IUCNCAT" is NULL

! This field should not be empty. If some sites do not fit any of IUCN categories, there should be either "NA" (not available) or "UA" (unassigned).

parent iso	Country name	Number of sites	Percentage in the total number of sites
ARM	Armenia	23	82.14
AZE	Azerbaijan	1	2.86
BEL	Belgium	1205	75.22
BIH	Bosnia and Herzegovina	153	98.71
BLR	Belarus	1	0.11
CYP	Cyprus	1	4.35
CZE	Czech Republic	133	5.91
DNK	Denmark	3608	94.08
FIN	Finland	5867	97.07
GBR	United Kingdom of Great Britain and Northern Ireland	156	1.80
GEO	Georgia	2	7.41
GRC	Greece	15	9.04
NOR	Norway	337	13.73
POL	Poland	537	26.09
PRT	Portugal	5	7.35
ROU	Romania	15	1.53
RUS	Russian Federation	12	4.80
SCG	Serbia and Montenegro	154	75.12
SVK	Slovakia	48	4.19
TUR	Turkey	1155	52.91
TOTAL		13428	15.89

1.i.2 Number of sites by country where "IUCNCAT" is not present in the "IUCN_CATEGORIES" table

parent iso	Country name	IUCN categ.	Number of sites
AUT	Austria	UA	1
CHE	Switzerland	I	1
CHE	Switzerland	IV/V	1
CHE	Switzerland	UA	1
CZE	Czech Republic	PRO	2
ESP	Spain	I	2
FRA	France	I	36
GEO	Georgia	PRO	6
GEO	Georgia	UA	1
GRC	Greece	UA	20
IRL	Ireland	I	77
LVA	Latvia	I	4
LVA	Latvia	IX	1
MKD	The former Yugoslav Republic of Macedonia	I	4
MLT	Malta	UA	7
POL	Poland	I	1

parent iso	Country name	IUCN categ.	Number of sites
RUS	Russian Federation	DE	1
RUS	Russian Federation	PRO	1
RUS	Russian Federation	REC	1
RUS	Russian Federation	UA	16
SVK	Slovakia	I	603
TUR	Turkey	PP	1
TUR	Turkey	UA	2
UKR	Ukraine	PRO	1
TOTAL			791

1.k Tests performed on "YEAR" field

"YEAR" is year when the site was created under current designation.

1.k.1 Number of sites by country where “YEAR” is NULL

i For some sites, it maybe problematic to provide an exact value for the size, nevertheless, this value is needed to calculate the core set indicator so an approximate value is better than no value.

parent iso	Country name	Number of sites	Percentage in the total number of sites
ARM	Armenia	2	7.14
BEL	Belgium	479	29.90
BGR	Bulgaria	37	4.06
BLR	Belarus	821	90.82
CHE	Switzerland	25	0.80
CYP	Cyprus	14	60.87
CZE	Czech Republic	20	0.89
DEU	Germany	3701	25.02
ESP	Spain	1	0.34
EST	Estonia	1013	7.85
FIN	Finland	263	4.35
FRA	France	106	6.51
GBR	United Kingdom of Great Britain and Northern Ireland	16	0.18
GEO	Georgia	8	29.63
IRL	Ireland	41	19.71
MDA	Republic of Moldova	1	1.59
MKD	The former Yugoslav Republic of Macedonia	3	3.90
NLD	Netherlands	1710	87.74
NOR	Norway	46	1.87
POL	Poland	248	12.05
PRT	Portugal	5	7.35
ROU	Romania	97	9.88
RUS	Russian Federation	44	17.60
SCG	Serbia and Montenegro	4	1.95
SVN	Slovenia	1	0.23
TUR	Turkey	12	0.55
UKR	Ukraine	242	4.66
TOTAL		8960	10.60

1.k.2 Sites where “YEAR” is less then 1872 or more then 2006

! First protected area of modern type was designated in the year 1872 (Yellowstone National Park). Database can not includes sites designated in the future.

parent_iso	Country name	Site code	Area name	Year
DEU	Germany	322998	Mittlerer Strelasund (Hansestadt Stralsund)	196
DEU	Germany	325256	Uchte-Tangerquellen und Waldgebiete ...	1675
TOTAL		2		

1.I Test performed on "ALTITUDE_MIN" and "ALTITUDE_MAX" fields

1.I.1 Number of sites by country where either "ALTITUDE_MIN" is NULL or "ALTITUDE_MAX" is NULL

i If some records was detected it is probably because some countries do not store minimal and maximal altitudes in their national databases. Detection of this values may be difficult and time consuming. For some exceptional type of sites (e.g. caves) may be unclear what altitudes should be provided.

parent iso	Country name	Number of sites where altitude or altitudes are NULL				Percentage of sites where ALT_MIN or ALT_MAX is NULL
		ALT_MIN	ALT_MAX	ALT_MIN and ALT_MAX	ALT_MIN or ALT_MAX	
ALB	Albania	221	146	146	221	27.56
ARM	Armenia	7	7	7	7	25.00
AUT	Austria	7	7	7	7	0.64
AZE	Azerbaijan	29	29	29	29	82.86
BEL	Belgium	1598	1599	1598	1599	99.81
BGR	Bulgaria	454	454	454	454	49.84
BIH	Bosnia and Herzegovina	148	145	145	148	95.48
BLR	Belarus	902	902	902	902	99.78
CHE	Switzerland	3122	3123	3122	3123	99.87
CYP	Cyprus	21	23	21	23	100.00
CZE	Czech Republic	2205	2206	2205	2206	98.04
DEU	Germany	8471	8471	8471	8471	57.27
DNK	Denmark	3834	3834	3834	3834	99.97
FIN	Finland	2174	2174	2174	2174	35.97
FRA	France	1628	1628	1628	1628	100.00
GBR	United Kingdom of Great Britain and Northern Ireland	8671	8671	8671	8671	100.00
GEO	Georgia	18	18	18	18	66.67
GRC	Greece	21	21	21	21	12.65
HRV	Croatia	187	187	187	187	95.90
HUN	Hungary	242	242	242	242	100.00
IRL	Ireland	164	164	164	164	78.85
ISL	Iceland	64	64	64	64	81.01
LTU	Lithuania	331	331	331	331	100.00
LUX	Luxembourg	97	97	97	97	100.00
MDA	Republic of Moldova	63	63	63	63	100.00
MKD	The former Yugoslav Republic of Macedonia	57	65	57	65	84.42
NLD	Netherlands	1949	1949	1949	1949	100.00
NOR	Norway	2428	2430	2428	2430	98.98
POL	Poland	2058	2058	2058	2058	100.00
PRT	Portugal	61	63	61	63	92.65
ROU	Romania	558	558	557	559	56.92
RUS	Russian Federation	213	213	213	213	85.20
SCG	Serbia and Montenegro	149	167	149	167	81.46
SVK	Slovakia	52	52	52	52	4.54
SVN	Slovenia	2	2	2	2	0.46
SWE	Sweden	211	211	211	211	3.95
TUR	Turkey	204	213	203	214	9.80

parent iso	Country name	Number of sites where altitude or altitudes are NULL				Percentage of sites where ALT_MIN or ALT_MAX is NULL
		ALT_MIN	ALT_MAX	ALT_MIN and ALT_MAX	ALT_MIN or ALT_MAX	
UKR	Ukraine	5195	5195	5195	5195	99.94
TOTAL		47816	47782	47736	47862	56.62

1.I.2 Number of sites by country where “ALTITUDE MIN” is higher than “ALTITUDE MAX”

!

parent iso	Country name	Number of sites	Percentage in the total number of sites
ROU	Romania	3	0.31
TOTAL		3	0.00

1.I.3 Sites where "ALTITUDE_MIN" or "ALTITUDE_MAX" are out of reference elevation range of country

?

Records violated the minimal official altitude (written in blue) need not to be erroneous because the site may be located completely or partially under water (below sea or lake level). Difference of a few meters in maximum elevation (written in violet) may be caused by use of slightly different sources of altitude values and not need to be considered as an error. However, if difference is more than 10 m (written in red), it is probably an error which should be corrected.

Reference source for the countries elevation range is CIA World Factbook which is available at the following URL:

<https://www.cia.gov/cia/publications/factbook/index.html>

iso 3	Country name	Site code	Area-name	minimal altitude		maximal altitude	
				in site	official	in site	official
AUT	Austria	1218	Neusiedler See und Umgebung	104.0	115.00	303.0	3797.00
AUT	Austria	62709	Neusiedler See - Seewinkel	111.0	115.00	127.0	3797.00
AUT	Austria	102857	Neusiedler See und Umgebung	104.0	115.00	303.0	3797.00
BEL	Belgium	1221	Hautes Fagnes	500.0	0.00	700.0	694.00
CYP	Cyprus	3380	Larnaca Saltwater Lake	-2.0	0.00		1952.00
CZE	Czech Republic	645	Krkonose	528.0	115.00	1603.0	1602.00
HRV	Croatia	2520	Mljet	-46.0	0.00	389.0	1830.00
IRL	Ireland	20563	Castlemaine Harbour	-5.0	0.00	52.0	1041.00
IRL	Ireland	181745	BALLYCOTTON, BALLYNAMONA AND SHANAGARRY	-2.0	0.00	10.0	1041.00
IRL	Ireland	181786	GALWAY BAY COMPLEX	-14.0	0.00	30.0	1041.00
IRL	Ireland	181808	CASTLEMAINE HARBOUR	-5.0	0.00	52.0	1041.00
IRL	Ireland	181831	BLACKWATER RIVER AND ESTUARY	-10.0	0.00	92.0	1041.00
IRL	Ireland	181833	NORTH DUBLIN BAY	-2.0	0.00	10.0	1041.00
IRL	Ireland	181834	NORTH DUBLIN BAY	-2.0	0.00	10.0	1041.00
LVA	Latvia	1679	G hYfYg'bUW\cb 'Ulg dUf_g	-2.0	0.00	80.0	312.00

iso 3	Country name	Site code	Area- name	minimal altitude		maximal altitude	
				in site	official	in site	official
LVA	Latvia	37069	J]XnYa Yg'U_a Y_U]b ^ fa U'U	-10.0	0.00	17.0	312.00
LVA	Latvia	37090	FU[U_dU	-2.0	0.00	13.0	312.00
LVA	Latvia	37097	D]Y^ fUg'XUVUg dUf_g	-5.0	0.00	30.0	312.00
LVA	Latvia	62235	Ziemupe	-2.0	0.00	12.0	312.00
LVA	Latvia	62256	Pape	-10.0	0.00	34.0	312.00
LVA	Latvia	62259	Engures ezera dabas parks	-6.0	0.00	10.0	312.00
LVA	Latvia	64768	FUbXi 'd Uj Ug	-1.0	0.00	6.0	312.00
LVA	Latvia	146748	Ya Yfi 'bUVcb 'Ug dUf_g	-10.0	0.00	71.0	312.00
LVA	Latvia	172459	?f a Yf]	-4.0	0.00	-0.3	312.00
LVA	Latvia	172470	Jaunciems	-2.0	0.00	10.0	312.00
LVA	Latvia	172498	N]Ya Yj]XnYa Yg V]cgZ fUg'fYnYf] hg	-10.0	0.00	125.0	312.00
LVA	Latvia	172525	?fUi 'U_a Y i 'gU] U	-2.0	0.00	0.0	312.00
LVA	Latvia	172550	Užava	-9.0	0.00	30.0	312.00
LVA	Latvia	172728	Nidas pludmale	-2.0	0.00	2.0	312.00
LVA	Latvia	172735	GH]XnYbYg'gh j _fUg]g	-0.5	0.00	18.0	312.00
LVA	Latvia	172739	9yi f[i GUf_Ub g _]bhg	-1.0	0.00	1.0	312.00
LVA	Latvia	172741	Veczemju klintis	-1.0	0.00	2.0	312.00
LVA	Latvia	172742	@YUlg?fui 'i ^ fU_a Ybg	-2.0	0.00	0.0	312.00
LVA	Latvia	172744	Gj H]Ya U'U_a Y i gU] U	-2.0	0.00	0.0	312.00
LVA	Latvia	172756	Cj ý]	-1.0	0.00	21.0	312.00
LVA	Latvia	181872	@Yi dYg'[fj Ug'd Uj Ug	-5.0	0.00	10.0	312.00
LVA	Latvia	181880	6Yfb H]	-7.0	0.00	27.0	312.00
MCO	Monaco	11709	Réserve du Larvotto	-38.0	0.00	0.0	163.00
MCO	Monaco	16057	Tombant à corail des Spélugues	-30.0	0.00	0.0	163.00
NOR	Norway	3202	Øra	-25.0	0.00	20.0	2769.00
PRT	Portugal	64634	Formigas Islets and Dolabarat Bank	-400.0	0.00	10.0	2351.00
PRT	Portugal	64635	Topo Islet (Sao Jorge Island)	-30.0	0.00		2351.00
PRT	Portugal	64640	Garajau	-50.0	0.00		2351.00
SCG	Serbia and Montenegro	16386	Sar planina	1220.0	0.00	2670.0	2656.00
TOTAL		44					

1.m Test performed on "LAT" and "LON" fields

1.m.1 Number of sites by country where either "LAT" is NULL or "LON" is NULL

i If some records was detected it is because some countries probably do not store coordinates in their national databases or store them in different coordinate system. Detection or conversion of this values may be difficult and time consuming. For some exceptional type of sites (e.g. buffer zones, sites of more polygons) may be unclear what geographical coordinates should be provided.

parent iso	Country name	Number of sites where coordinate or coordinates are NULL				Percentage of sites where LAT or LON is NULL
		LAT	LON	LAT and LON	LAT or LON	
ALB	Albania	766	766	766	766	95.51
ARM	Armenia	24	24	24	24	85.71
AUT	Austria	3	3	3	3	0.27
AZE	Azerbaijan	1	1	1	1	2.86
BEL	Belgium	1191	1191	1191	1191	74.34
BIH	Bosnia and Herzegovina	121	121	121	121	78.06
BLR	Belarus	506	506	506	506	55.97
CHE	Switzerland	992	992	992	992	31.72
CZE	Czech Republic	14	14	14	14	0.62
DEU	Germany	7576	7576	7576	7576	51.22
EST	Estonia	1710	1710	1710	1710	13.25
FRA	France	17	17	17	17	1.04
GBR	United Kingdom of Great Britain and Northern Ireland	35	35	35	35	0.40
GEO	Georgia	11	11	11	11	40.74
GRC	Greece	2	2	2	2	1.20
HRV	Croatia	17	17	17	17	8.72
HUN	Hungary	104	104	104	104	42.98
IRL	Ireland	8	8	8	8	3.85
LUX	Luxembourg	23	23	23	23	23.71
MKD	The former Yugoslav Republic of Macedonia	19	19	19	19	24.68
NOR	Norway	679	679	679	679	27.66
POL	Poland	216	216	216	216	10.50
PRT	Portugal	11	11	11	11	16.18
ROU	Romania	110	110	110	110	11.20
RUS	Russian Federation	114	114	114	114	45.60
SCG	Serbia and Montenegro	152	152	152	152	74.15
SVK	Slovakia	43	43	43	43	3.76
SVN	Slovenia	2	2	2	2	0.46
SWE	Sweden	205	205	205	205	3.84
TUR	Turkey	1089	1086	1086	1089	49.89
UKR	Ukraine	1	1	1	1	0.02
TOTAL		15762	15759	15759	15762	18.65

1.m.2 Number of sites by country where both coordinates are available

i Sites where both coordinates are available may be used to produce the point GIS layer (see at 6.a and 6.b).

parent iso	Country name	Number of sites	Percentage in the total number of sites
ALB	Albania	36	4.49
AND	Andorra	5	100.00
ARM	Armenia	4	14.29
AUT	Austria	1094	99.73
AZE	Azerbaijan	34	97.14
BEL	Belgium	411	25.66
BGR	Bulgaria	911	100.00
BIH	Bosnia and Herzegovina	34	21.94
BLR	Belarus	398	44.03
CHE	Switzerland	2135	68.28
CYP	Cyprus	23	100.00
CZE	Czech Republic	2236	99.38
DEU	Germany	7215	48.78
DNK	Denmark	3835	100.00
ESP	Spain	296	100.00
EST	Estonia	11195	86.75
FIN	Finland	6044	100.00
FRA	France	1611	98.96
GBR	United Kingdom of Great Britain and Northern Ireland	8636	99.60
GEO	Georgia	16	59.26
GRC	Greece	164	98.80
HRV	Croatia	178	91.28
HUN	Hungary	138	57.02
IRL	Ireland	200	96.15
ISL	Iceland	79	100.00
ITA	Italy	772	100.00
LIE	Liechtenstein	40	100.00
LTU	Lithuania	331	100.00
LUX	Luxembourg	74	76.29
LVA	Latvia	702	100.00
MCO	Monaco	2	100.00
MDA	Republic of Moldova	63	100.00
MKD	The former Yugoslav Republic of Macedonia	58	75.32
MLT	Malta	156	100.00
NLD	Netherlands	1949	100.00
NOR	Norway	1776	72.34
POL	Poland	1842	89.50
PRT	Portugal	57	83.82
ROU	Romania	872	88.80
RUS	Russian Federation	136	54.40
SCG	Serbia and Montenegro	53	25.85
SVK	Slovakia	1102	96.24
SVN	Slovenia	432	99.54
SWE	Sweden	5133	96.16
TUR	Turkey	1094	50.11
UKR	Ukraine	5197	99.98
TOTAL		68769	81.35

**1.m.3 Sites where at least one of the coordinates is out of the possible range
(LAT from -90° to 90°, LON from -180° to 180°)**

!

parent_iso	Country name	Site code	Area name	LAT	LON
TOTAL		0			

1.m.4 Number of sites by country where "LAT" and "LON" values are not unique (i.e. more than one site has the same "LAT" and "LON")

i This is aggregated version of complete list of particular coordinates which are duplicated in the database.

parent iso	Country name	Number of sites	Number of unique localities ("LAT" "LON" combinations)
ALB	Albania	4	1
AND	Andorra	2	1
AUT	Austria	16	8
BEL	Belgium	8	4
BGR	Bulgaria	95	43
CHE	Switzerland	720	328
CZE	Czech Republic	244	117
DEU	Germany	992	463
DNK	Denmark	2	1
EST	Estonia	277	83
FIN	Finland	2	1
FRA	France	52	26
GBR	United Kingdom of Great Britain and Northern Ireland	150	73
GRC	Greece	14	7
HRV	Croatia	25	11
HUN	Hungary	4	2
IRL	Ireland	12	6
LIE	Liechtenstein	2	1
MDA	Republic of Moldova	2	1
MKD	The former Yugoslav Republic of Macedonia	2	1
MLT	Malta	57	26
NLD	Netherlands	2	1
NOR	Norway	68	33
POL	Poland	267	83
ROU	Romania	2	1
SVK	Slovakia	2	1
SVN	Slovenia	2	1
SWE	Sweden	10	5
TUR	Turkey	43	21
UKR	Ukraine	437	195
TOTAL		3515	1545

2 Nationally designated area - Version comparison of "SITES" table

Here is compared the content of version 6 (year 2006) and version 5 (year 2005) of table "SITES".

2.b Comparison of sites

2.b.1 Number of new sites by country available in version 6 not available within version 5



parent iso	Country name	Number of sites	Percentage in the total number of sites in new version
ALB	Albania	2	0.25
AUT	Austria	10	0.91
BEL	Belgium	1123	70.10
BGR	Bulgaria	17	1.87
CYP	Cyprus	9	39.13
CZE	Czech Republic	11	0.49
DEU	Germany	719	4.86
DNK	Denmark	3608	94.08
EST	Estonia	2380	18.44
FIN	Finland	853	14.11
FRA	France	47	2.89
GBR	United Kingdom of Great Britain and Northern Ireland	40	0.46
GRC	Greece	17	10.24
HUN	Hungary	3	1.24
LIE	Liechtenstein	30	75.00
LTU	Lithuania	21	6.34
LUX	Luxembourg	71	73.20
LVA	Latvia	51	7.26
MKD	The former Yugoslav Republic of Macedonia	1	1.30
MLT	Malta	34	21.79
NLD	Netherlands	1949	100.00
NOR	Norway	58	2.36
POL	Poland	234	11.37
ROU	Romania	33	3.36
SCG	Serbia and Montenegro	120	58.54
SVK	Slovakia	3	0.26
SVN	Slovenia	387	89.17
SWE	Sweden	71	1.33
TUR	Turkey	1103	50.53
TOTAL		13005	15.38

2.b.2 Number of sites by country available in version 5 not available within version 6

i Detected sites was probably canceled or changed to new sites.

parent iso	Country name	Number of sites
ALB	Albania	5
BEL	Belgium	139
BGR	Bulgaria	4
CYP	Cyprus	14
DEU	Germany	218
DNK	Denmark	114
EST	Estonia	694
FIN	Finland	16
FRA	France	58
GBR	United Kingdom of Great Britain and Northern Ireland	15
LTU	Lithuania	1
LUX	Luxembourg	165
LVA	Latvia	5
MKD	The former Yugoslav Republic of Macedonia	1
NLD	Netherlands	1596
NOR	Norway	8
SCG	Serbia and Montenegro	93
SVK	Slovakia	12
SWE	Sweden	9
TUR	Turkey	1099
TOTAL	20	4266

2.b.3 Number od sites by country available in version 6 and also in version 5

parent iso	Country name	Number of sites	Percentage in the total number of sites in new version
ALB	Albania	800	99.75
AND	Andorra	5	100.00
ARM	Armenia	28	100.00
AUT	Austria	1087	99.09
AZE	Azerbaijan	35	100.00
BEL	Belgium	479	29.90
BGR	Bulgaria	894	98.13
BIH	Bosnia and Herzegovina	155	100.00
BLR	Belarus	904	100.00
CHE	Switzerland	3127	100.00
CYP	Cyprus	14	60.87
CZE	Czech Republic	2239	99.51
DEU	Germany	14072	95.14
DNK	Denmark	227	5.92
ESP	Spain	296	100.00
EST	Estonia	10525	81.56
FIN	Finland	5191	85.89
FRA	France	1581	97.11

parent iso	Country name	Number of sites	Percentage in the total number of sites in new version
GBR	United Kingdom of Great Britain and Northern Ireland	8631	99.54
GEO	Georgia	27	100.00
GRC	Greece	149	89.76
HRV	Croatia	195	100.00
HUN	Hungary	239	98.76
IRL	Ireland	208	100.00
ISL	Iceland	79	100.00
ITA	Italy	772	100.00
LIE	Liechtenstein	10	25.00
LTU	Lithuania	310	93.66
LUX	Luxembourg	26	26.80
LVA	Latvia	651	92.74
MCO	Monaco	2	100.00
MDA	Republic of Moldova	63	100.00
MKD	The former Yugoslav Republic of Macedonia	76	98.70
MLT	Malta	122	78.21
NOR	Norway	2397	97.64
POL	Poland	1824	88.63
PRT	Portugal	68	100.00
ROU	Romania	949	96.64
RUS	Russian Federation	250	100.00
SCG	Serbia and Montenegro	85	41.46
SVK	Slovakia	1142	99.74
SVN	Slovenia	47	10.83
SWE	Sweden	5267	98.67
TUR	Turkey	1080	49.47
UKR	Ukraine	5198	100.00
TOTAL		71526	84.62

2.c Simple comparison of next 6 field values

This results may be used as indicators of editing intensity.

2.c.1 Number of sites by country where "SITE_CODE_NAT" in version 5 is different to version 6

i

parent iso	Country name	Number of sites	Percentage in the total number of sites in new version
BGR	Bulgaria	5	0.55
DEU	Germany	2505	16.94
FIN	Finland	29	0.48
GBR	United Kingdom of Great Britain and Northern Ireland	3064	35.34
SVN	Slovenia	1	0.23
SWE	Sweden	2795	52.36
TOTAL		8399	9.94

2.c.2 Number of sites by country where the "DESIG_ABBR" in version 5 is different to version 6

i

parent iso	Country name	Number of sites	Percentage in the total number of sites in new version
BEL	Belgium	130	8.11
BGR	Bulgaria	3	0.33
CYP	Cyprus	14	60.87
CZE	Czech Republic	1722	76.53
EST	Estonia	246	1.91
ITA	Italy	2	0.26
LUX	Luxembourg	24	24.74
MKD	The former Yugoslav Republic of Macedonia	76	98.70
NOR	Norway	5	0.20
SCG	Serbia and Montenegro	85	41.46
SWE	Sweden	6	0.11
TUR	Turkey	162	7.42
TOTAL		2475	2.93

2.c.4 Number of sites by country where the "IUCNCAT" in version 5 is different to version 6

i

parent iso	Country name	Number of sites	Percentage in the total number of sites in new version
ALB	Albania	1	0.12
BEL	Belgium	14	0.87
CYP	Cyprus	4	17.39
DEU	Germany	10	0.07
EST	Estonia	20	0.15
LUX	Luxembourg	21	21.65

parent iso	Country name	Number of sites	Percentage in the total number of sites in new version
ROU	Romania	22	2.24
SCG	Serbia and Montenegro	2	0.98
SWE	Sweden	121	2.27
TOTAL		215	0.25

2.d Comparison performed on "SIZE" fields

There are three main reasons why the site size change: change of the site area; correction of incorrected value in previous version (e.g. if the units were mistaken) and error in the new version. Sites with variation more then 1000% are listed in the separate point 2.d.2.

2.d.1 Variation of reported size for common sites between version 5 and version 6

i

Variation of size	Number of sites
more than 5%	5368
more than 10%	3329
more than 50%	1018
more than 100%	236
more than 1000%	78

2.d.2 Breakdown by site where the variation of site size is superior to 1000% between version 5 and version 6

i

parent iso	Country name	Site code	Size in version 6 (in ha)	Size in version 5 (in ha)	Variation (in %)
BEL	Belgium	86802	23.00000	1	2200
BEL	Belgium	178550	172.87000	6.61	2515.28
BEL	Belgium	86704	35.00000	1	3400
BEL	Belgium	86705	36.00000	1	3500
BEL	Belgium	86746	46.00000	1	4500
BGR	Bulgaria	176516	223.86000	14.5	1443.86
DEU	Germany	319816	339.00000	30.7119	1003.81
DEU	Germany	165241	61.90000	5.32	1063.53
DEU	Germany	322889	47.00000	4	1075
DEU	Germany	29286	47.50000	4	1087.5
DEU	Germany	82689	39.70000	3.32	1095.78
DEU	Germany	319677	569.70000	47.5366	1098.44
DEU	Germany	162940	312.50000	25.38	1131.28
DEU	Germany	82451	54.30000	4.4	1134.09
DEU	Germany	82469	156.80000	12.57	1147.41
DEU	Germany	162068	124.20000	9.88	1157.09
DEU	Germany	82101	61.80000	4.7	1214.89
DEU	Germany	322146	19.10000	1.4	1264.29
DEU	Germany	164928	150.90000	10.18	1382.32
DEU	Germany	319675	180.10000	12	1400.83
DEU	Germany	319834	400.00000	26	1438.46
DEU	Germany	318746	82.90000	5.11	1522.31
DEU	Germany	162241	217.00000	13.28	1534.04
DEU	Germany	164834	282.40000	16.99	1562.15
DEU	Germany	320930	744.00000	42	1671.43
DEU	Germany	162240	3919.00000	217	1705.99
DEU	Germany	321384	1556.00000	86	1709.3
DEU	Germany	82118	307.90000	17	1711.18
DEU	Germany	324245	313.00000	17	1741.18
DEU	Germany	82568	754.20000	40.62	1756.72

parent iso	Country name	Site code	Size in version 6 (in ha)	Size in version 5 (in ha)	Variation (in %)
DEU	Germany	319678	1765.00000	85	1976.47
DEU	Germany	320563	1356.00000	64	2018.75
DEU	Germany	82198	142.20000	6.66	2035.14
DEU	Germany	320213	45.00000	2	2150
DEU	Germany	321077	130.30000	5	2506
DEU	Germany	321196	53.00000	1.9	2689.47
DEU	Germany	164170	383.04000	13.54	2728.95
DEU	Germany	322050	2887.00000	94	2971.28
DEU	Germany	321717	137.00000	4.2	3161.9
DEU	Germany	323477	2030.00000	47	4219.15
DEU	Germany	325126	88.00000	1	8700
DEU	Germany	321647	1154.00000	10	11440
DEU	Germany	320653	1237.00000	10	12270
DEU	Germany	318695	2369.00000	16.6	14171.08
DEU	Germany	321070	768.00000	5	15260
DEU	Germany	319673	1175.00000	7.5	15566.67
DEU	Germany	320407	290.00000	1	28900
DEU	Germany	323830	595.00000	2	29650
DEU	Germany	320423	625.00000	2.1	29661.9
DEU	Germany	319848	416.00000	1	41500
DEU	Germany	323339	1000.00000	0.4	249900
DEU	Germany	320215	5700.00000	2	284900
EST	Estonia	170598	1837.30010	62	2863.39
EST	Estonia	192592	2086.00000	3.09	67408.09
FIN	Finland	195069	81.31000	6	1255.17
FIN	Finland	195002	0.46000	0.03	1433.33
FIN	Finland	194482	0.99000	0.05	1880
FIN	Finland	175737	10.65000	0.4	2562.5
NOR	Norway	155757	205.00000	14.7352	1291.23
NOR	Norway	183215	295400.00000	2954	9900
NOR	Norway	155819	1078.80000	5.1438	20873.01
SWE	Sweden	173303	265.92360	6	4332.06
SWE	Sweden	151954	12500.00000	2	624900
SWE	Sweden	152020	15000.00000	2	749900
SWE	Sweden	152304	15000.00000	2	749900
SWE	Sweden	152485	77500.00000	8	968650
SWE	Sweden	151631	1027500.00000	104	987880.77
SWE	Sweden	152844	227500.00000	23	989030.43
SWE	Sweden	151988	100000.00000	10	999900
SWE	Sweden	30736	72280000.00000	7228	999900
SWE	Sweden	152486	10000.00000	1	999900
SWE	Sweden	152981	50000.00000	5	999900
SWE	Sweden	182810	90000.00000	9	999900
SWE	Sweden	62136	1100000.00000	110	999900
SWE	Sweden	152659	10000.00000	1	999900
SWE	Sweden	151750	232500.00000	23	1010769.57
SWE	Sweden	151724	55000.00000	5	1099900
SWE	Sweden	152071	25000.00000	2	1249900
TOTAL		78			

3 Tests performed on the "DESIGNATION" table

This table contains the list of all designations types and references to laws.

List of "DESIGNATIONS" table fields

i In the table is displayed also a number of records where value in particular field is "NULL" or empty character "".

Field name	Number of records	Percentage of the total number of records (833)
ISO3	19	2.28
DESIG_ABBR	0	0.00
CATEGORY	236	28.33
ODESIGNATE	10	1.20
DESIGNATE	61	7.32
Title_French	363	43.58
Law	232	27.85
Lawreference	503	60.38
Agency	273	32.77
NUMBER	404	48.50
Total_Area	405	48.62

3.a Tests performed on the "ISO3" field

3.a.1 Designation types where ISO3 is NULL

i Detected types are not related to any country. They are probably specific international types.

Iso3	Desig abbr	Category	Odesignate	Designate
	IN00		Ramsar Convention Site	Ramsar Convention Site
	IN01		Biogenetic Reserve (Council of Europe)	Biogenetic Reserve (Council of Europe)
	IN02		European Diploma Site (Since 2000)	European Diploma Site (Since 2000)
	IN03		Biosphere Reserve (UNESCO)	Biosphere Reserve (UNESCO)
	IN04		Mediterranean Specially Protected Area (Barcelona Convention)	Mediterranean Specially Protected Area (Barcelona Convention)
	IN05		World Heritage Site (UNESCO)	World Heritage Site (UNESCO)
	IN06		Other International Designation	Other International Designation
	IN07		Baltic Sea Protected Area (BSPA)	Baltic Sea Protected Area (BSPA)
	IN08		Special Protected Area (SPA, EC Birds Directive)	Special Protection Area (SPA)
	IN09		Special Area of Conservation (SAC, EC Habitats Directive)	Special Area of Conservation (SAC)
	IN10		Area of Special Conservation Interest (ASCI, Bern Convention, Emerald)	Area of Special Conservation Interest (ASCI)
	IN11		Specially Protected Area of Mediterranean Importance (SPAMI, Barcelona Convention)	Specially Protected Area of Mediterranean Importance (SPAMI, Barcelona Convention)
	INE0		Declassified European Diploma Site	Declassified European Diploma Site
	INEA		European Diploma Site (Category A)	European Diploma Site (Category A)
	INEB		European Diploma Site (Category B)	European Diploma Site (Category B)
	INEC		European Diploma Site (Category C)	European Diploma Site (Category C)
	INFO		Declassified Biosphere Reserve	Declassified Biosphere Reserve
	INR0		Declassified Ramsar Convention Site	Declassified Ramsar Convention Site
	INS0		Proposed Baltic Sea Protected Area (BSPA)	Proposed Baltic Sea Protected Area (BSPA)
TOTAL	19			

3.a.2 Number of sites by country where designation types detected in check 3.a.1 are used in the "SITES" table

i

parent iso	Country name	DESIG ABBR	Number of sites
TOTAL			0

3.a.3 Number of designation types by "ISO3" country

i

iso3	Country name	Number of designation types
	UNKNOWN	19
ALB	Albania	8
AND	Andorra	4
ARM	Armenia	5
AUT	Austria	64
AZE	Azerbaijan	4
BEL	Belgium	16
BFA	Burkina Faso	2
BGR	Bulgaria	13
BIH	Bosnia and Herzegovina	16
BLR	Belarus	12
CHE	Switzerland	24
CPV	Cape Verde	2
CYP	Cyprus	10
CZE	Czech Republic	23
DEU	Germany	14
DKN	UNKNOWN	1
DNK	Denmark	19
DZA	Algeria	10
EGY	Egypt	5
ESP	Spain	43
EST	Estonia	37
FIN	Finland	20
FRA	France	25
GBR	United Kingdom of Great Britain and Northern Ireland	21
GEO	Georgia	7
GIB	Gibraltar	4
GRC	Greece	31
GRL	Greenland	4
HRV	Croatia	9
HUN	Hungary	13
IRL	Ireland	13
ISL	Iceland	7
ISR	Israel	6
ITA	Italy	26
KAZ	Kazakhstan	2
LBN	Lebanon	6

iso3	Country name	Number of designation types
LIE	Liechtenstein	6
LTU	Lithuania	8
LUX	Luxembourg	10
LVA	Latvia	10
MAR	Morocco	2
MCO	Monaco	3
MDA	Republic of Moldova	18
MKD	The former Yugoslav Republic of Macedonia	9
MLT	Malta	13
MRT	Mauritania	2
NLD	Netherlands	6
NOR	Norway	20
POL	Poland	11
PRT	Portugal	41
ROU	Romania	20
RUS	Russian Federation	11
SCG	Serbia and Montenegro	9
SEN	Senegal	2
SVK	Slovakia	14
SVN	Slovenia	15
SWE	Sweden	13
TUN	Tunisia	9
TUR	Turkey	20
UKR	Ukraine	14
VAT	Holy See (Vatican city state)	2
TOTAL		833

3.b Tests performed on the "DESIG_ABBR" field

3.b.1 Designation types where "DESIG_ABBR" is NULL

! "DESIG_ABBR" is key value so every record in this table must have a value.

Iso3	Desig abbr	Category	Odesignate	Designate
TOTAL	0			

3.b.2 Designation types where "DESIG_ABBR" do not follow official naming convention

! Official naming convention for designation codes is described in the Data Dictionary. To help find what is wrong with the code, the ISO Alpha 2 code of the country is also displayed in the table below. Relevant part of Data Dictionary is available at following URL:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=16837

Iso3	(Iso2)	Desig abbr	Category	Odesignate	Designate
ARM	AM	NP		National Park	National Park
ARM	AM	spr		State Preserve	State Preserve
ARM	AM	SR		State Reserve	State Reserve
AZE	AZ	Z		Zapovednik	State Nature Reserve
AZE	AZ	Zk		Zakaznik	Nature Sanctuary or Partial Reserve
BLR	BY	HR		Hunting Reserve	Hunting Reserve
BLR	BY	NM		Natural Monument	Natural Monument
BLR	BY	NML		Natural Monument (Local)	Natural Monument (Local)
BLR	BY	NP		National Park	National Park
BLR	BY	Z		Zapovednik	State Nature Reserve
BLR	BY	Zk		Zakaznik	Nature Sanctuary or Partial Reserve
BLR	BY	ZkL		Zakaznik (Local)	Nature Sanctuary or Partial Reserve (Local)
ESP	ES	SpNR		Special Nature Reserve	Special Nature Reserve
GBR	GB	UK00		No Protection Status	No Protection Status
GBR	GB	UK01	A	National Nature Reserve	National Nature Reserve
GBR	GB	UK02	A	Marine Nature Reserve	Marine Nature Reserve
GBR	GB	UK03	A	Area of Special Protection for Birds	Area of Special Protection for Birds
GBR	GB	UK04	A	Site of Special Scientific Interest (UK)	Site of Special Scientific Interest (GB)
GBR	GB	UK21	C	Land owned by a non-governmental organisation for nature conservation	Land owned by a non-governmental organisation for nature conservation
GBR	GB	UK83	A	Area of Outstanding Natural Beauty (NI)	Area of Outstanding Natural Beauty (NI)
GBR	GB	UK84	A	Marine Consultation Area	Marine Consultation Area
GBR	GB	UK85	A	Area of Outstanding Natural Beauty	Area of Outstanding Natural Beauty
GBR	GB	UK86	A	Special Area (Channel Islands)	Special Area (Channel Islands)
GBR	GB	UK87	C	Voluntary Reserve	Voluntary Reserve
GBR	GB	UK88	A	Regional Park	Regional Park
GBR	GB	UK90	A	Special Landscape Area	Special Landscape Area
GBR	GB	UK91	A	National Scenic Area	National Scenic Area
GBR	GB	UK92	A	Heritage Coast	Heritage Coast
GBR	GB	UK93	A	Forest Park	Forest Park
GBR	GB	UK95	A	Greenbelt	Greenbelt
GBR	GB	UK96	A	Local Nature Reserve	Local Nature Reserve
GBR	GB	UK97	A	National Park	National Park

Iso3	(Iso2)	Desig abbr	Category	Odesignate	Designate
GBR	GB	UK98	A	Area of Special Scientific Interest (NI)	Area of Special Scientific Interest (NI)
GBR	GB	UK99		Other	Others
GEO	GE	HR		Hunting Reserve	Hunting Reserve
GEO	GE	NP		National Park	National Park
GEO	GE	NR		Nature Reserve	Nature Reserve
GEO	GE	PFo		Protected Forest	Protected Forest
GEO	GE	Zk		Zakaznik	Nature Sanctuary or Partial Reserve
GIB	GI	GZ00			No protection status (Gibraltar)
GIB	GI	GZ01	A	Nature Conservation Area	Nature Conservation Area
GIB	GI	GZ02		Marine Nature Area	Marine Nature Area
GIB	GI	GZ99			Others (Gibraltar)
HRV	HR	FoP		Forest Park	Forest Park
HRV	HR	NaP		Nature Park	Nature Park
HRV	HR	NM		Natural Monument	Natural Monument
HRV	HR	NP		National Park	National Park
HRV	HR	PL		Protected Landscape	Protected Landscape
HRV	HR	SNR		Strict Nature Reserve	Strict Nature Reserve
HRV	HR	SpR		Special Reserve	Special Reserve
MDA	MD	NCR		Nature Conservation Reserve	Nature Conservation Reserve
MDA	MD	NM		Natural Monument	Natural Monument
MDA	MD	PL		Protected Landscape	Protected Landscape
MDA	MD	SciR		Scientific Reserve	Scientific Reserve
NOR	NO	SJ00		Ingen vernestatus (Svalbard)	No Protection Status
NOR	NO	SJ01	A	Nasjonalpark (Svalbard)	National Park (Svalbard)
NOR	NO	SJ03	A	Naturreservater (Svalbard)	Nature Reserve (Svalbard)
NOR	NO	SJ04	A	Geotopvernominråde (Svalbard)	Protected Geotope (Svalbard)
NOR	NO	SJ19	A	Biotopvernominråde (Svalbard)	Protected Biotope (Svalbard)
NOR	NO	SJ99		Andre (Svalbard)	Others
RUS	RU	ENaP		Ethno-Nature Park	Ethno-Nature Park
RUS	RU	ETC		Other area	Other area
RUS	RU	IP		International Park	International Park
RUS	RU	LP		Landscape Park	Landscape Park
RUS	RU	NM		Natural Monument	Natural Monument
RUS	RU	NP		National Park	National Park
RUS	RU	NR		Nature Reserve	Nature Reserve
RUS	RU	Z		Zapovednik	State Nature Reserve
RUS	RU	Zk		Zakaznik	Nature Sanctuary or Partial Reserve
TOTAL		69			

3.b.3 Designation types where "DESIG_ABBR" is not unique

! As a key the "DESIG_ABBR" value can not be duplicated.

Iso3	Desig abbr	Category	Odesignate	Designate
BLR	HR		Hunting Reserve	Hunting Reserve
GEO	HR		Hunting Reserve	Hunting Reserve
BLR	NM		Natural Monument	Natural Monument
HRV	NM		Natural Monument	Natural Monument
MDA	NM		Natural Monument	Natural Monument
RUS	NM		Natural Monument	Natural Monument
ARM	NP		National Park	National Park
BLR	NP		National Park	National Park
GEO	NP		National Park	National Park
HRV	NP		National Park	National Park
RUS	NP		National Park	National Park
GEO	NR		Nature Reserve	Nature Reserve
RUS	NR		Nature Reserve	Nature Reserve
HRV	PL		Protected Landscape	Protected Landscape
MDA	PL		Protected Landscape	Protected Landscape
ARM	spr		State Preserve	State Preserve
HRV	SpR		Special Reserve	Special Reserve
AZE	Z		Zapovednik	State Nature Reserve
BLR	Z		Zapovednik	State Nature Reserve
RUS	Z		Zapovednik	State Nature Reserve
AZE	Zk		Zakaznik	Nature Sanctuary or Partial Reserve
BLR	Zk		Zakaznik	Nature Sanctuary or Partial Reserve
GEO	Zk		Zakaznik	Nature Sanctuary or Partial Reserve
RUS	Zk		Zakaznik	Nature Sanctuary or Partial Reserve
TOTAL	24			

3.b.4 Number of sites by country where designation types detected in checks 3.b.2 and 3.b.3 are used in the "SITES" table

i

parent iso	DESIG ABBR	Number of sites
ARM	NP	1
ARM	SpR	22
ARM	SR	5
AZE	Z	15
AZE	Zk	20
BLR	HR	1
BLR	NM	192
BLR	NML	148
BLR	NP	3
BLR	Z	2
BLR	Zk	80
BLR	ZkL	478
GBR	GZ01	1
GBR	UK01	398
GBR	UK02	3
GBR	UK04	6600
GBR	UK21	2

parent iso	DESIG ABBR	Number of sites
GBR	UK83	9
GBR	UK84	29
GBR	UK85	40
GBR	UK86	1
GBR	UK87	6
GBR	UK88	4
GBR	UK91	40
GBR	UK92	46
GBR	UK93	15
GBR	UK96	1237
GBR	UK97	14
GBR	UK98	226
GEO	HR	1
GEO	NP	8
GEO	NR	16
GEO	PFo	1
GEO	Zk	1
HRV	FoP	26
HRV	NaP	6
HRV	NM	48
HRV	NP	7
HRV	PL	32
HRV	SNR	2
HRV	SpR	74
MDA	NCR	16
MDA	NM	22
MDA	PL	20
MDA	SciR	5
NOR	SJ01	7
NOR	SJ03	21
NOR	SJ04	1
RUS	ENaP	1
RUS	ETC	2
RUS	IP	2
RUS	LP	1
RUS	NM	8
RUS	NP	34
RUS	NR	1
RUS	Z	102
RUS	Zk	99
TOTAL		10202

4 Nationally designated area - Version comparison of "DESIGNATIONS" table

Here is compared the content of version 6 (year 2006) and version 5 (year 2005) of table "DESIGNATIONS".

4.a Comparison of designation types

4.a.1 Number of new designations by country available in version 6 not available within version 5

i

iso3	Country name	Number of desig. types	Percentage in total number of desig. types in new version	Number of sites	Percentage in total number of sites in new version
AUT	Austria	9	14.06	7	0.64
BEL	Belgium	1	6.25	231	14.42
BIH	Bosnia and Herzegovina	4	25.00	0	0.00
CYP	Cyprus	1	10.00	2	8.70
DKN	UNKNOWN	1	100.00	0	0.00
DNK	Denmark	6	31.58	0	0.00
EST	Estonia	1	2.70	2	0.02
GRC	Greece	3	9.68	5	3.01
HUN	Hungary	1	7.69	1	0.41
ITA	Italy	1	3.85	2	0.26
LIE	Liechtenstein	2	33.33	30	75.00
LUX	Luxembourg	3	30.00	59	60.82
MKD	The former Yugoslav Republic of Macedonia	2	22.22	72	93.51
MLT	Malta	2	15.38	32	20.51
ROU	Romania	2	10.00	29	2.95
TUR	Turkey	9	45.00	1999	91.57
TOTAL		48	5.76	2471	2.92

4.a.5 Number of designations by country available in version 6 and also in version 5

i

iso3	Country name	Number of desig. types	Percentage in total number of desig. types in old version	Number of sites	Percentage in total number of sites in old version
	UNKNOWN	19	100.00	0	0.00
ALB	Albania	8	100.00	802	100.00
AND	Andorra	4	100.00	5	100.00
ARM	Armenia	5	100.00	28	100.00
AUT	Austria	55	85.94	1090	99.36
AZE	Azerbaijan	4	100.00	35	100.00
BEL	Belgium	15	93.75	1371	85.58
BFA	Burkina Faso	2	100.00	0	0.00
BGR	Bulgaria	13	100.00	911	100.00
BIH	Bosnia and Herzegovina	12	75.00	155	100.00
BLR	Belarus	12	100.00	904	100.00
CHE	Switzerland	24	100.00	3127	100.00
CPV	Cape Verde	2	100.00	0	0.00

iso3	Country name	Number of design. types	Percentage in total number of design. types in old version	Number of sites	Percentage in total number of sites in old version
CYP	Cyprus	9	90.00	21	91.30
CZE	Czech Republic	23	100.00	2250	100.00
DEU	Germany	14	100.00	14791	100.00
DNK	Denmark	13	68.42	3833	100.00
DZA	Algeria	10	100.00	0	0.00
EGY	Egypt	5	100.00	0	0.00
ESP	Spain	43	100.00	296	100.00
EST	Estonia	36	97.30	12903	99.98
FIN	Finland	20	100.00	6044	100.00
FRA	France	25	100.00	1552	100.00
GBR	United Kingdom of Great Britain and Northern Ireland	21	100.00	8670	100.00
GEO	Georgia	7	100.00	27	100.00
GIB	Gibraltar	4	100.00	1	100.00
GRC	Greece	28	90.32	161	96.99
GRL	Greenland	4	100.00	2	100.00
HRV	Croatia	9	100.00	195	100.00
HUN	Hungary	12	92.31	241	99.59
IRL	Ireland	13	100.00	208	100.00
ISL	Iceland	7	100.00	79	100.00
ISR	Israel	6	100.00	0	0.00
ITA	Italy	25	96.15	770	99.74
KAZ	Kazakhstan	2	100.00	0	0.00
LBN	Lebanon	6	100.00	0	0.00
LIE	Liechtenstein	4	66.67	10	25.00
LTU	Lithuania	8	100.00	331	100.00
LUX	Luxembourg	7	70.00	36	37.11
LVA	Latvia	10	100.00	702	100.00
MAR	Morocco	2	100.00	0	0.00
MCO	Monaco	3	100.00	2	100.00
MDA	Republic of Moldova	18	100.00	63	100.00
MKD	The former Yugoslav Republic of Macedonia	7	77.78	5	6.49
MLT	Malta	11	84.62	124	79.49
MRT	Mauritania	2	100.00	0	0.00
NLD	Netherlands	6	100.00	1949	100.00
NOR	Norway	20	100.00	2433	100.00
POL	Poland	11	100.00	2058	100.00
PRT	Portugal	41	100.00	68	100.00
ROU	Romania	18	90.00	953	97.05
RUS	Russian Federation	11	100.00	250	100.00
SCG	Serbia and Montenegro	9	100.00	205	100.00
SEN	Senegal	2	100.00	0	0.00
SVK	Slovakia	14	100.00	1145	100.00
SVN	Slovenia	15	100.00	434	100.00
SWE	Sweden	13	100.00	5338	100.00
TUN	Tunisia	9	100.00	0	0.00
TUR	Turkey	11	55.00	184	8.43
UKR	Ukraine	14	100.00	5198	100.00

iso3	Country name	Number of desig. types	Percentage in total number of desig. types in old version	Number of sites	Percentage in total number of sites in old version
VAT	Holy See (Vatican city state)	2	100.00	0	0.00
TOTAL		785	94.24	81960	96.96

4.b Comparisons performed on field "DESIGNATE"

4.b.1 Designation types where name (field "DESIGNATE") in version 5 is different to version 6

i

Iso3	Desig abbr	Category	Designate in version 6	Designate in version 5
ALB	AL01	A	National Park (category II)	National Park
ALB	AL02	A	Strict Protected Area (category I)	Strict Protected Area
ALB	AL03	A	Managed Nature Reserve (category IV)	Managed Nature Reserve
ALB	AL05	A	Protected Landscape (category V)	Protected Landscape
ALB	AL06	A	Nature Monument (Category III)	Nature Monument
ALB	AL09	A	Resource Reserve (category VI)	Resource Reserve
BIH	BA01	A	Strict Nature Reserve (former RBIH law)	Strict Natural Reserve
BIH	BA02	A	Managed Nature Reserve (former RBIH law)	Managed Nature Reserve
BIH	BA03	A	National Park (former RBIH law)	National Park
BIH	BA04	A	Special Reserve (former RBIH law)	Special Reserve
BIH	BA05	A	Reserve of Natural Landscape (former RBIH law)	Nature Landscape Reserve
BIH	BA06	A	Nature Reserve (FBIH law)	Plant Species
BIH	BA07	A	National Park (FBIH law)	Animal species/ birds
BIH	BA08	A	Nature Monument (former RBIH law)	Natural Monument
BIH	BA09	A	Protected Landscape (FBIH law)	Protected Landscape
BIH	BA10	A	Nature Monument (FBIH law)	Natural Monument
SCG	CS02	A	Nature Reserve	Regional Natural Park or Nature Park
SCG	CS03	A	Natural Monument	Natural Reserve or Nature Reserve
SCG	CS04	A	Landscape of Outstanding Qualities	Natural Monument
SCG	CS05	A	Area of Cultural and Historical Importance	Recreational Zone
SCG	CS06	A	Nature Park	Sanctuary of Landscape or Recreational Importance
SCG	CS07	A	Regional Nature Park	Memorial Monument
DNK	DK01	A	Protected by conservation order, excl. Church surroundings	Protected by conservation order
DNK	DK04	A	Ancient monument surroundings	Ancient monument
DNK	DK05	A	Nature and Wildlife reserve	Wildlife Reserve
ITA	IT94	A	Biological Protection Marine Area	Zona di Tutela Biologica Marina
ITA	IT99		Others	Submerged Park
LTU	LT01	A	State Strict Reserve	State Strict Reserve
LUX	LU01		RAMSAR	Greenbelt
LUX	LU03	A	Integral forest protection area	Site Eco
MKD	MK01	A	Strict Natural Reserve	National Park
MKD	MK02	A	National Park	Strict Nature Reserve
MKD	MK03	A	Natural Monument	Site of Special Natural Character
MKD	MK04	A	Nature Park	Area Outside Nature Reserves containing Certain Plant and Animal Species
MKD	MK05	A	Protected Landscape	Natural Monument
NOR	NO99	A	Temporary Protected Area	Others
TUR	TR04	A	Nature Reserve	Natural Reserve Area
TOTAL	37			

5 Tests performed on the "SITEHABITATS" table

This table contains data on habitats and habitat coverage within the site boundary of each individual designated site.

List of "SITEHABITATS" table fields

i In the table is displayed also a number of records where value in particular field is "NULL" or empty character "".

Field name	Number of records	Percentage of the total number of records (12397)
SITE_CODE	0	0.00
EUNIS_Hab	2	0.02
Cover	1693	13.66

5.a Tests performed at "SITE_CODE" field

5.a.1 "SITE_CODE" values which are not available in the "SITES" table



Site code	Number of records
172458	6
172460	7
172543	3
64755	3
64814	4
TOTAL	23

5.b Site habitats summary

5.b.1 Number of sites with habitats and number of site habitats records subdivided by country



parent iso	Country name	Number of sites	Percentage in the total number of sites	Number of habitats records
AND	Andorra	5	100.00	56
AUT	Austria	1087	99.09	2778
BIH	Bosnia and Herzegovina	57	36.77	95
EST	Estonia	393	3.05	866
IRL	Ireland	167	80.29	1512
ITA	Italy	772	100.00	3222
LIE	Liechtenstein	40	100.00	40
LVA	Latvia	617	87.89	2403
MCO	Monaco	2	100.00	2
ROU	Romania	72	7.33	179
SVN	Slovenia	432	99.54	1221
TOTAL		3644	4.31	12374

5.b.2 Number of sites by country subdivided by number of habitats records in site



parent iso	Number of sites subdivided by number of habitats records																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
AND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
AUT	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
BIH	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
EST	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
IRL	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
ITA	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
LIE	8	12	10	19	18	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
LVA	26	21	30	16	7	100	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
MCO	1	30	2	1	18	51	37	2	13	155	1	30	2	1	18	51	37	2	13	155	1	30	2	1	
ROU	42	1	9	10	82	44	6	26	220	42	1	9	10	82	44	6	26	220	42	1	9	10	82	44	
SVN	56	39	7	106	73	3	36	321	56	39	7	106	73	3	36	321	56	39	7	106	73	3	36	321	
TOTAL	503	52	130	10	88	40	165	2	34	122	1146	503	52	130	10	88	40	165	2	34	122	1146	503	52	130

5.c Checks for logical errors in records

5.c.1 Records where the habitat is NULL or habitat type not present in reference list

! Records without this information or with nonexisting habitat codes are useless. Reference list of habitat codes is in "EUNIS_HABITATS_LEVEL4" table.

parent iso	Country name	Site code	EUNIS Habitat	Cover
AUT	Austria	169190		100
AUT	Austria	169574		100
MCO	Monaco	11709	A4,56	
MCO	Monaco	16057	A3,6A	
TOTAL		4		

5.c.2 Number of records by country where "COVER" is NULL or 0

!

parent iso	Country name	Number of records	Percentage in the total number of records
IRL	Ireland	1512	100.00
MCO	Monaco	2	100.00
ROU	Romania	179	100.00
TOTAL		1693	13.68

5.c.3 Number of records by country where "COVER" is > 100%

! One habitat can not cover more than 100% of the sites area.

parent iso	Country name	Number of records	Percentage in the total number of records
EST	Estonia	375	43.30
TOTAL		375	3.03

5.d Statistical results from provided habitat levels

Minimal habitat level recommended in the data dictionary is second level. Records where habitats are of the first level should be specified more in the future.

5.d.1 Number of records by habitat categories subdivided by habitat level

i As a habitat categories were taken first levels of habitats.

Habitat category	Scientific name	Number of records by habitat level			
		1	2	3	4
A	Marine habitats	227	43	24	
B	Coastal habitats	119	99	2	3
C	Inland surface waters	196	532	11	21
D	Mires, bogs and fens	181	426	79	91
E	Grasslands and lands dominated by forbs, mosses or lichens	576	1127	17	38
F	Heathland, scrub and tundra	333	360	5	2
G	Woodland, forest and other wooded land	881	3581	15	79
H	Inland unvegetated or sparsely vegetated habitats	160	390	44	61
I	Regularly or recently cultivated agricultural, horticultural and domestic habitats	1014	683	3	1
J	Constructed, industrial and other artificial habitats	507	438	3	
X	Habitat complexes		21		
	TOTAL	4194	7700	203	296

5.d.2 Number of records by countries subdivided by habitat level

i

parent iso	Country name	Number of records by habitat level			
		1	2	3	4
AND	Andorra		31	20	5
AUT	Austria		2776		
BIH	Bosnia and Herzegovina			55	40
EST	Estonia	866			
IRL	Ireland	290	1023	119	80
ITA	Italy	1814	1408		
LIE	Liechtenstein		40		
LVA	Latvia	3	2399		1
ROU	Romania			9	170
SVN	Slovenia	1221			
	TOTAL	4194	7677	203	296

5.d.3 Number of records by country by habitat categories subdivided by habitat level

i This result is combination of those in points 5.d.1 and 5.d.2.

parent iso	Habitat category	Number of records by habitat level			
		1	2	3	4
	B	1			
	C	4			
	D	3			
	E	5			
	F	1			

parent iso	Habitat category	Number of records by habitat level			
		1	2	3	4
	G		8		
	J		1		
AND	C		1	3	
AND	D		3		
AND	E		5	5	
AND	F		5	5	
AND	G		12	1	
AND	H		5		5
AND	I			3	
AND	J			3	
AUT	C		119		
AUT	D		29		
AUT	E		589		
AUT	F		135		
AUT	G		979		
AUT	H		202		
AUT	I		487		
AUT	J		236		
BIH	C			1	15
BIH	D			1	4
BIH	E			3	6
BIH	G			14	15
BIH	H			36	
EST	A	79			
EST	B	29			
EST	C	35			
EST	D	135			
EST	E	66			
EST	F	19			
EST	G	355			
EST	H	2			
EST	I	135			
EST	J	11			
IRL	A	14	29	24	
IRL	B		75	2	
IRL	C		133	7	
IRL	D		140	78	80
IRL	E	83	184		
IRL	F	121	42		
IRL	G		190		
IRL	H	3	29	8	
IRL	I		28		
IRL	J	69	154		
IRL	X		19		
ITA	A	123			
ITA	B	84			
ITA	C	129			
ITA	D	44			
ITA	E	320			

parent iso	Habitat category	Number of records by habitat level			
		1	2	3	4
ITA	F	150			
ITA	G		1408		
ITA	H	114			
ITA	I	555			
ITA	J	295			
LIE	C		4		
LIE	E		3		
LIE	G		31		
LIE	X		2		
LVA	A	3	14		
LVA	B		23		
LVA	C		271		
LVA	D		251		
LVA	E		341		
LVA	F		177		
LVA	G		953		
LVA	H		154		
LVA	I		168		1
LVA	J		47		
ROU	B			3	
ROU	C			6	
ROU	D			7	
ROU	E		9	32	
ROU	F			2	
ROU	G			64	
ROU	H			56	
SVN	A	8			
SVN	B	6			
SVN	C	32			
SVN	D	2			
SVN	E	107			
SVN	F	43			
SVN	G	526			
SVN	H	41			
SVN	I	324			
SVN	J	132			
TOTAL		4194	7700	203	296

5.e Specific tests

5.e.1 Number of records by country without sea coast where habitat is Marine (A) or Coastal (B)

!

iso3	Country name	Number of records
AND	Andorra	0
ARM	Armenia	0
AUT	Austria	0
BLR	Belarus	0
CHE	Switzerland	0
CZE	Czech Republic	0
HUN	Hungary	0
LUX	Luxembourg	0
MDA	Republic of Moldova	0
MKD	The former Yugoslav Republic of Macedonia	0
SRB	Serbia	0
SVK	Slovakia	0
TOTAL		0

5.e.2 Sites with habitats where total cover is < 100%

i

parent iso	Country name	Site code	Cover	Number of site habitats records
BIH	Bosnia and Herzegovina	1055	90	12
BIH	Bosnia and Herzegovina	2521	80	12
BIH	Bosnia and Herzegovina	16459	75	1
BIH	Bosnia and Herzegovina	145442	35	1
BIH	Bosnia and Herzegovina	145443	24	5
BIH	Bosnia and Herzegovina	146737	4	1
BIH	Bosnia and Herzegovina	179411	33	7
BIH	Bosnia and Herzegovina	179442	5	1
BIH	Bosnia and Herzegovina	179452	10	1
BIH	Bosnia and Herzegovina	179455	10	1
BIH	Bosnia and Herzegovina	179458	10	1
BIH	Bosnia and Herzegovina	179459	10	1
BIH	Bosnia and Herzegovina	179460	10	1
BIH	Bosnia and Herzegovina	179461	10	1
BIH	Bosnia and Herzegovina	179462	10	1
BIH	Bosnia and Herzegovina	179463	10	1
BIH	Bosnia and Herzegovina	179464	10	1
BIH	Bosnia and Herzegovina	179465	10	1
BIH	Bosnia and Herzegovina	179466	10	1
BIH	Bosnia and Herzegovina	179467	10	1
BIH	Bosnia and Herzegovina	179468	10	1
BIH	Bosnia and Herzegovina	179469	10	1
BIH	Bosnia and Herzegovina	179470	10	1
BIH	Bosnia and Herzegovina	179471	10	1
BIH	Bosnia and Herzegovina	179472	10	1
BIH	Bosnia and Herzegovina	179473	10	1

parent iso	Country name	Site code	Cover	Number of site habitats records
BIH	Bosnia and Herzegovina	179474	10	1
BIH	Bosnia and Herzegovina	179475	10	1
BIH	Bosnia and Herzegovina	179476	10	1
BIH	Bosnia and Herzegovina	179477	10	1
BIH	Bosnia and Herzegovina	179478	10	1
BIH	Bosnia and Herzegovina	179479	10	1
BIH	Bosnia and Herzegovina	179480	10	1
BIH	Bosnia and Herzegovina	179481	10	1
BIH	Bosnia and Herzegovina	179482	10	1
BIH	Bosnia and Herzegovina	179488	90	1
BIH	Bosnia and Herzegovina	179494	36	7
BIH	Bosnia and Herzegovina	179495	10	1
BIH	Bosnia and Herzegovina	179500	10	1
BIH	Bosnia and Herzegovina	179501	10	1
BIH	Bosnia and Herzegovina	179502	10	1
BIH	Bosnia and Herzegovina	179503	10	1
BIH	Bosnia and Herzegovina	179506	15	1
BIH	Bosnia and Herzegovina	179508	10	1
BIH	Bosnia and Herzegovina	179509	70	1
BIH	Bosnia and Herzegovina	179510	70	1
BIH	Bosnia and Herzegovina	179511	70	1
BIH	Bosnia and Herzegovina	179512	70	1
BIH	Bosnia and Herzegovina	179513	70	1
BIH	Bosnia and Herzegovina	179514	70	1
BIH	Bosnia and Herzegovina	179515	70	1
BIH	Bosnia and Herzegovina	179516	70	1
BIH	Bosnia and Herzegovina	179517	70	1
BIH	Bosnia and Herzegovina	179518	70	1
BIH	Bosnia and Herzegovina	179519	70	1
BIH	Bosnia and Herzegovina	179527	70	1
BIH	Bosnia and Herzegovina	179529	10	1
LIE	Liechtenstein	18107	90	1
LIE	Liechtenstein	18109	90	1
LIE	Liechtenstein	30747	70	1
LIE	Liechtenstein	30750	70	1
LIE	Liechtenstein	30752	90	1
LIE	Liechtenstein	30753	90	1
LIE	Liechtenstein	30754	60	1
LIE	Liechtenstein	30755	60	1
LIE	Liechtenstein	30756	80	1
LIE	Liechtenstein	30757	60	1
LIE	Liechtenstein	326426	90	1
LIE	Liechtenstein	326427	80	1
LIE	Liechtenstein	326432	80	1
LIE	Liechtenstein	326434	90	1
LIE	Liechtenstein	326436	90	1
LIE	Liechtenstein	326439	90	1
LIE	Liechtenstein	326442	70	1
LIE	Liechtenstein	326446	80	1
LIE	Liechtenstein	326447	90	1
LIE	Liechtenstein	326448	90	1
LIE	Liechtenstein	326449	80	1

parent iso	Country name	Site code	Cover	Number of site habitats records
LIE	Liechtenstein	326450	90	1
LVA	Latvia	172789	75	1
LVA	Latvia	172798	25	3
TOTAL		81		121

6 Nationally designated area - GIS data

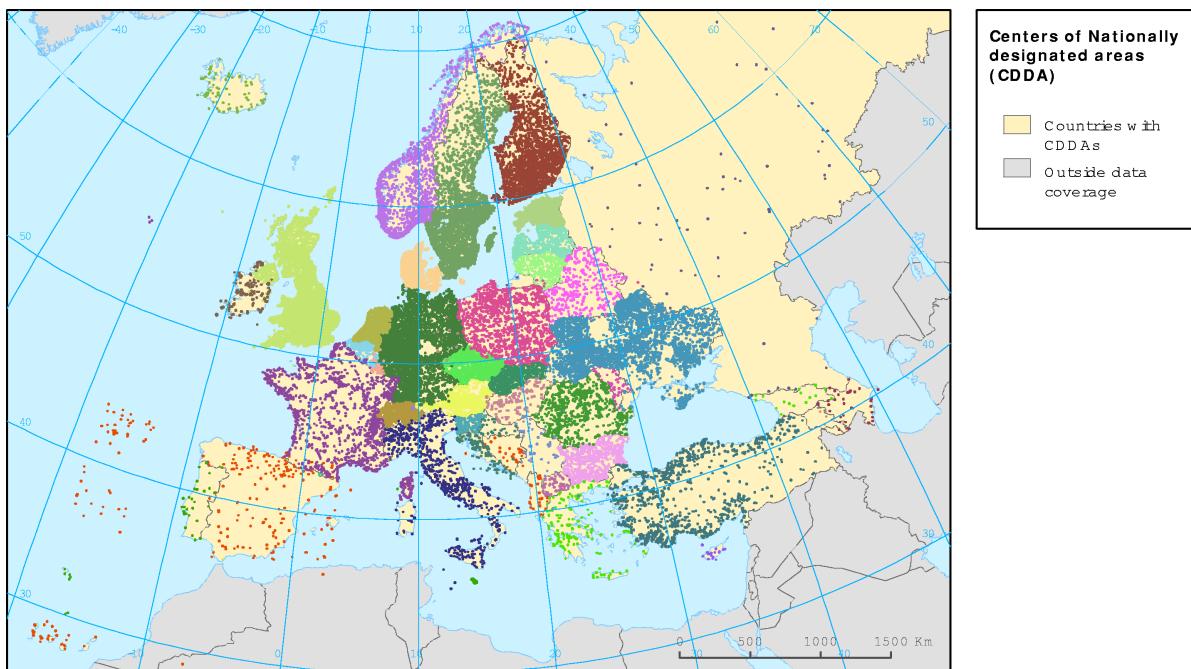
6.a Distribution of reported data of Nationally designated areas (CDDA) - points



The map is intended to show the distribution of point locations reported for nationally designated areas. The map should not be used for any purpose other than data quality documentation. Countries are working to improve the quality of the geographical information reported for nationally designated areas.

A larger resolution of the map is available from the EEA Data Service at the following URL:

<http://dataservice.eea.eu.int/atlas/viewdata/viewpub.asp?id=2359>



6.b Tests of geographical accuracy and correctness of coordinates used to produce the result displayed in the point 6.a

6.b.1 Sites where at least one of the coordinates is outside of the bounding box/boxes of the relevant country

! Bounding box is a rectangle drawn around the country area. It can be defined by the country extreme coordinates.

Detected records are probably erroneous. Most of the errors might be caused by simple mistypes or by shifting the "LAT" and "LON" values. Few errors could be results of differences between GIS data sources used by countries and those used to get country bounding boxes. However most of such errors should be eliminated because a buffer of size 0.1° was added to bounding boxes coordinates in the checking process.

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

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

iso3	Country name	Site code	LAT	LON
BIH	Bosnia and Herzegovina	179493	44.169722	14.256111
CYP	Cyprus	14851	34.500000	33.166667
DEU	Germany	33370	0.000000	0.000000
DEU	Germany	329736	0.000000	0.000000
DEU	Germany	329737	0.000000	0.000000
ESP	Spain	895	37.734100	-13.781000
ESP	Spain	897	43.278200	-17.247300
ESP	Spain	4740	28.277200	-4.546100
ESP	Spain	10196	42.045500	-16.644800
ESP	Spain	13350	28.381100	-1.401800
ESP	Spain	15376	28.994300	-6.969500
ESP	Spain	15429	28.393000	2.377900
ESP	Spain	15500	28.264900	-3.945500
ESP	Spain	19062	38.393000	-15.380800
ESP	Spain	19065	27.798500	-17.210600
ESP	Spain	19066	43.169200	-15.358200
ESP	Spain	19068	42.200500	-13.976100
ESP	Spain	19069	42.256000	-15.430000
ESP	Spain	19074	42.280700	-15.477500
ESP	Spain	19076	42.344900	-13.822700
ESP	Spain	19084	37.233100	-13.765100
ESP	Spain	19123	37.341500	-15.588300
ESP	Spain	19125	43.021200	-13.668400
ESP	Spain	19130	42.140300	-15.422900
ESP	Spain	19135	29.182700	-17.158900
ESP	Spain	19144	43.529800	-15.725500
ESP	Spain	19145	36.391500	-16.851000
ESP	Spain	20941	28.686400	-5.200900
ESP	Spain	20946	28.184000	-2.814600
ESP	Spain	20947	27.969100	-2.763000
ESP	Spain	20958	27.880200	-6.581700
ESP	Spain	20965	28.827700	-0.772800
ESP	Spain	71219	28.079800	0.190800
ESP	Spain	71224	41.118500	-17.809900
ESP	Spain	92603	36.956400	-17.781500
ESP	Spain	92608	42.368100	-17.336500
ESP	Spain	92617	41.362400	-16.633900

iso3	Country name	Site code	LAT	LON
ESP	Spain	92624	43.600400	-16.518000
ESP	Spain	92625	37.315400	-16.546800
ESP	Spain	92626	42.157000	-16.752400
ESP	Spain	92627	28.937800	-17.266800
ESP	Spain	92628	43.642600	-17.874300
ESP	Spain	92629	41.985800	-17.114200
ESP	Spain	92638	42.107600	-16.428200
ESP	Spain	92639	38.422700	-17.918200
ESP	Spain	92640	28.214700	-17.891100
ESP	Spain	92704	42.961200	-15.580600
ESP	Spain	106780	28.597100	-2.631200
ESP	Spain	127897	28.269700	-17.845700
ESP	Spain	142926	40.950500	-15.703100
ESP	Spain	142928	43.199100	-13.447600
ESP	Spain	142929	43.018400	-15.499100
ESP	Spain	142930	28.472700	-15.459600
ESP	Spain	142931	36.908800	-15.571500
ESP	Spain	142933	42.775800	-15.616300
ESP	Spain	142934	42.350400	-13.845600
ESP	Spain	142937	43.123800	-15.811800
ESP	Spain	142939	42.222900	-16.611800
ESP	Spain	142940	28.308800	-17.943600
ESP	Spain	142941	42.162500	-17.845700
ESP	Spain	142942	38.012500	-17.266800
ESP	Spain	142943	43.015400	-16.417200
ESP	Spain	142944	43.254000	-16.432100
ESP	Spain	142945	39.351200	-18.056900
ESP	Spain	142946	37.541600	-17.868900
ESP	Spain	142948	42.533000	-16.774200
ESP	Spain	142964	28.631600	-0.778800
ESP	Spain	151302	27.953600	-1.245200
ESP	Spain	151311	28.035700	-5.130700
ESP	Spain	151315	28.781800	-5.394600
ESP	Spain	151319	36.194800	-13.748900
ESP	Spain	151337	27.899800	2.536500
ESP	Spain	195786	27.953300	-6.121000
ESP	Spain	195797	39.020800	-17.916900
ESP	Spain	195848	27.718700	-4.203200
ESP	Spain	195883	28.402400	-5.369000
ESP	Spain	195895	28.636200	-1.537400
ESP	Spain	195918	43.269800	-14.158700
ESP	Spain	195919	28.385900	3.179500
ESP	Spain	195926	28.156500	2.969200
ESP	Spain	195927	28.169400	-7.154300
ESP	Spain	195928	28.101100	-6.201900
ESP	Spain	195929	43.500400	-13.969100
ESP	Spain	195930	29.006100	-16.690800
ESP	Spain	195931	43.337000	-13.931000
ESP	Spain	195932	28.799000	-16.369700
ESP	Spain	196003	37.475400	-17.891800
ESP	Spain	196085	28.816900	-15.398600
ESP	Spain	196099	37.533600	-14.336800

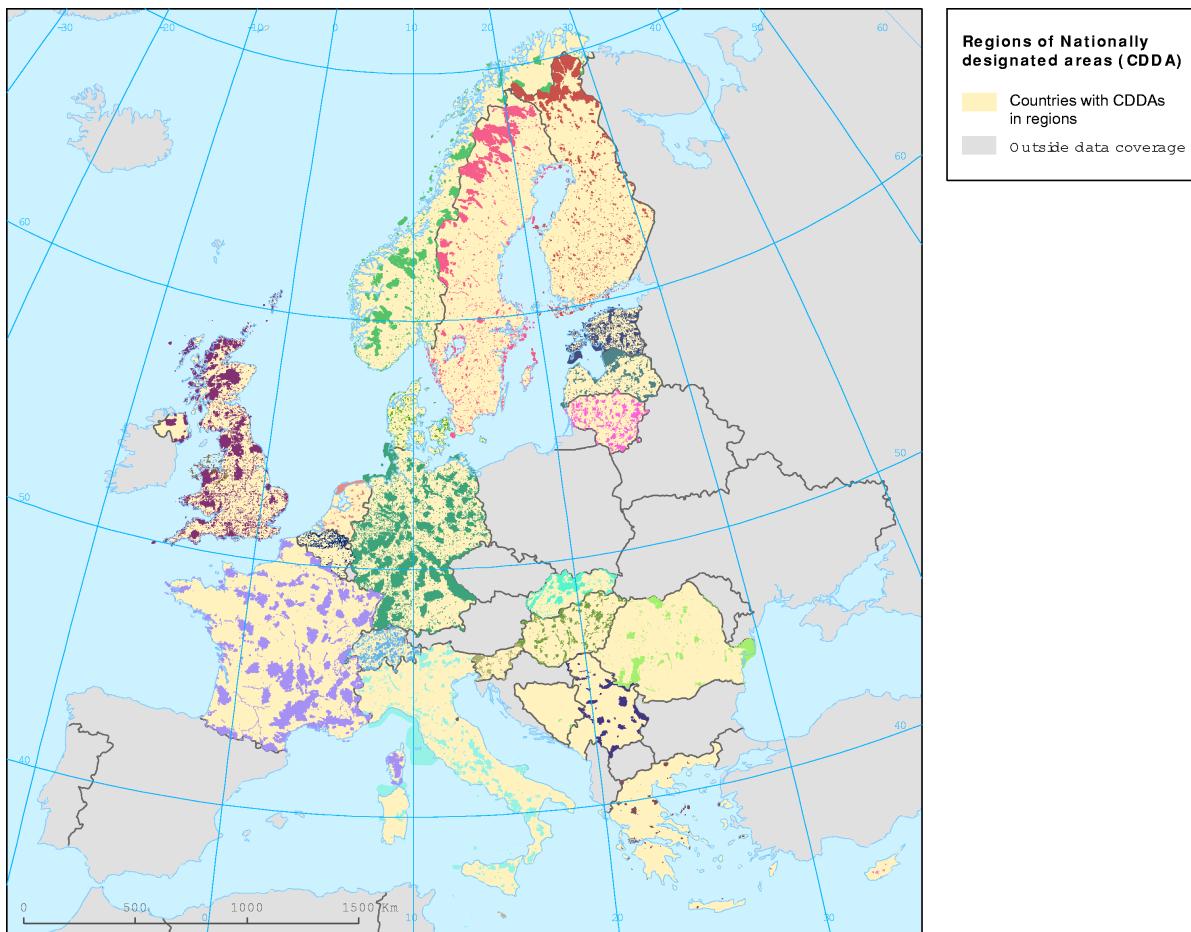
iso3	Country name	Site code	LAT	LON
ESP	Spain	196156	27.940800	-4.280600
ESP	Spain	196229	28.323600	-4.310400
ESP	Spain	196266	41.992800	-16.597000
ESP	Spain	196293	41.739400	4.243600
ESP	Spain	196331	28.191500	2.558400
ESP	Spain	196371	28.036800	-17.845600
ESP	Spain	196372	29.003200	2.535800
ESP	Spain	196399	27.740700	2.530700
ESP	Spain	196406	43.189900	-17.774200
ESP	Spain	196418	38.483400	-15.483300
ESP	Spain	196454	28.012300	2.554400
EST	Estonia	172353	59.817075	26.362374
EST	Estonia	327030	59.818353	26.361714
FIN	Finland	175207	59.670020	21.532330
GBR	United Kingdom of Great Britain and Northern Ireland	62681	49.200000	-2.216667
GBR	United Kingdom of Great Britain and Northern Ireland	136142	57.966667	-7.288056
GBR	United Kingdom of Great Britain and Northern Ireland	136144	57.596670	-13.688532
GBR	United Kingdom of Great Britain and Northern Ireland	174708	53.658830	-6.373160
GBR	United Kingdom of Great Britain and Northern Ireland	183438	52.890070	-6.546590
GBR	United Kingdom of Great Britain and Northern Ireland	183440	53.091390	-6.458680
GBR	United Kingdom of Great Britain and Northern Ireland	183445	53.257610	-7.939970
GBR	United Kingdom of Great Britain and Northern Ireland	183446	53.233380	-8.165600
GLP	Guadeloupe	330601	-61.522219	16.445406
GLP	Guadeloupe	330602	-61.589318	15.857970
GLP	Guadeloupe	330603	-61.775902	16.369169
GLP	Guadeloupe	330604	-61.445851	16.473094
GLP	Guadeloupe	330605	-61.516167	16.295987
GUF	French Guiana	330597	-52.251678	4.873734
GUF	French Guiana	330598	-51.705025	4.376173
GUF	French Guiana	330599	-53.872672	5.723430
HRV	Croatia	81171	47.533333	19.000000
HUN	Hungary	18939	52.940792	13.036499
HUN	Hungary	178325	50.990163	13.885112
HUN	Hungary	178326	52.008881	12.042350
HUN	Hungary	178330	50.763529	11.996340
HUN	Hungary	178331	52.060330	13.263351
HUN	Hungary	178332	50.147353	12.966466
HUN	Hungary	178337	51.821190	14.073786
IRL	Ireland	93282	51.230556	-10.757778
IRL	Ireland	93283	51.303056	-10.842500
IRL	Ireland	93284	51.303056	-10.842500
IRL	Ireland	93285	51.272500	-10.734444
IRL	Ireland	124394	51.279444	-10.818056
IRL	Ireland	125438	51.293889	-10.738611
IRL	Ireland	125444	51.283889	-10.783889
IRL	Ireland	181745	51.304444	-9.292222
IRL	Ireland	181782	51.321667	-9.430278

iso3	Country name	Site code	LAT	LON
IRL	Ireland	181783	51.297500	-6.515833
IRL	Ireland	181799	51.303889	-10.772222
IRL	Ireland	181801	52.185556	-10.783056
IRL	Ireland	181804	51.311389	-9.300833
IRL	Ireland	181818	51.236667	-10.844444
IRL	Ireland	181822	51.308611	-9.329444
IRL	Ireland	181824	52.174722	-10.785278
LUX	Luxembourg	337458	49.300000	6.220000
LUX	Luxembourg	337459	49.530000	5.510000
LUX	Luxembourg	337477	50.500000	5.570000
LUX	Luxembourg	337478	50.200000	5.590000
LUX	Luxembourg	337479	49.590000	5.510000
LUX	Luxembourg	337481	49.540000	5.520000
LUX	Luxembourg	337482	49.540000	5.590000
LUX	Luxembourg	337483	49.500000	5.560000
LUX	Luxembourg	337485	49.470000	5.490000
LUX	Luxembourg	337495	49.350000	5.560000
LUX	Luxembourg	337497	49.320000	5.520000
LUX	Luxembourg	337498	49.310000	6.190000
LUX	Luxembourg	337499	49.280000	6.000000
LUX	Luxembourg	337500	49.280000	6.300000
LUX	Luxembourg	337501	49.280000	6.500000
LUX	Luxembourg	337502	50.800000	6.200000
LUX	Luxembourg	337504	50.000000	5.490000
LUX	Luxembourg	337505	49.480000	5.460000
LUX	Luxembourg	337506	50.800000	5.580000
LUX	Luxembourg	337507	50.500000	5.540000
LUX	Luxembourg	337508	50.500000	5.530000
LUX	Luxembourg	337512	49.360000	5.540000
LUX	Luxembourg	337513	49.380000	5.580000
LUX	Luxembourg	337514	49.480000	5.580000
LUX	Luxembourg	337515	49.420000	5.520000
LUX	Luxembourg	337516	49.370000	5.530000
LUX	Luxembourg	337517	49.440000	5.510000
LUX	Luxembourg	337519	49.380000	5.560000
LUX	Luxembourg	337520	49.320000	5.570000
LUX	Luxembourg	337521	49.290000	6.700000
LUX	Luxembourg	337522	49.320000	6.500000
MTQ	Martinique	330600	-60.899748	14.455596
MTQ	Martinique	330640	-60.851875	14.623825
NOR	Norway	146733	-55.000000	3.333333
NOR	Norway	156369	61.050000	4.519722
POL	Poland	177273	54.966667	18.233333
POL	Poland	177330	54.966667	18.366667
POL	Poland	177351	52.850000	33.633333
POL	Poland	177572	54.950000	18.416667
POL	Poland	177616	55.000000	18.133333
PRT	Portugal	18943	37.250000	-24.750000
PRT	Portugal	39816	32.266667	-16.450000
PRT	Portugal	64635	38.416667	-27.750000
PRT	Portugal	64639	30.033333	-16.033333
PRT	Portugal	64640	32.500000	-16.916667

iso3	Country name	Site code	LAT	LON
PRT	Portugal	106665	41.950000	8.250000
REU	Réunion	83112	-20.616667	55.566667
REU	Réunion	330594	55.379074	-20.915781
REU	Réunion	330595	55.499398	-21.349410
REU	Réunion	330596	55.241603	-21.041622
SCG	Serbia and Montenegro	20702	40.083330	21.216670
UKR	Ukraine	102248	40.583333	23.500000
TOTAL		195		

6.c Distribution of Nationally designated areas (CDDA) - boundaries

i The map is intended to show the distribution of site boundaries reported for nationally designated areas. The map should not be used for any purpose other than data quality documentation. This is the first version of site boundaries for nationally designated areas. It is expected that the data coverage will expand to more countries each year. A larger resolution of the map is available from the EEA Data Service at the following URL: <http://dataservice.eea.eu.int/atlas/viewdata/viewpub.asp?id=2364>



6.d Consistency tests performed on the attribute table DBF file of GIS layer used to produce the result displayed in the point 6.c

The GIS layer is included in the dataset which is available from the EEA Data Service at the following URL:

<http://dataservice.eea.europa.eu/dataservice/metadetails.asp?id=961>

List of DBF table fields

i In the table is displayed also a number of records where value in particular field is "NULL" or empty character "".

Field name	Number of records	Percentage of the total number of records (76042)
SITE_CODE	29518	38.82
SITE_CODE_NAT	25059	32.95
ISO3	237	0.31

6.d.1 Total number of records by country

i

iso3	Country name	Number of records
	UNKNOWN	237
BEL	Belgium	2822
BIH	Bosnia and Herzegovina	3
CHE	Switzerland	14264
CYP	Cyprus	17
DEU	Germany	10829
DNK	Denmark	1715
EST	Estonia	10131
FIN	Finland	6054
FRA	France	2679
GBR	United Kingdom of Great Britain and Northern Ireland	13260
GRC	Greece	218
HUN	Hungary	420
ITA	Italy	772
LIE	Liechtenstein	40
LTU	Lithuania	331
LVA	Latvia	667
MLT	Malta	127
NLD	Netherlands	242
NOR	Norway	2795
ROU	Romania	2041
SCG	Serbia and Montenegro	46
SVK	Slovakia	1109
SVN	Slovenia	432
SWE	Sweden	4791
TOTAL		76042

6.d.2 Number of records with invalid "SITE_CODE" and invalid "SITE_CODE_NAT" by country

- ! Invalid codes are NULL, 0, or empty character "". These records are useless as they can not be targeted to any site in the "SITES" table

iso3	Country name	Number of records
	UNKNOWN	5
BEL	Belgium	2439
CHE	Switzerland	701
CYP	Cyprus	9
DEU	Germany	1305
EST	Estonia	11
FRA	France	505
ROU	Romania	12
SCG	Serbia and Montenegro	15
SWE	Sweden	139
TOTAL		5141

6.d.3 Number of records where "ISO3" is empty subdivided by availability of "SITE_CODE"

- ? Records without the "ISO3" country code and without the "SITE_CODE" or "SITE_CODE_NAT" which is not available in the "SITES" table are useless. Records where "SITE_CODE" is available can be used.

Site code	Number of records
Is empty or 0	5
Is not empty and not 0 and is in SITES table	232
Is not empty and not 0 and isn't in SITES table	0
TOTAL	237

6.d.4 Number of sites with boundaries by countries

i

iso3	Country name	Number of sites	Percentage in the total number of sites
BEL	Belgium	358	22.35
BIH	Bosnia and Herzegovina	3	1.94
CHE	Switzerland	2274	72.72
CYP	Cyprus	8	34.78
DEU	Germany	7107	48.05
DNK	Denmark	1714	44.69
EST	Estonia	10120	78.42
FIN	Finland	6044	100.00
FRA	France	1161	71.31
GBR	United Kingdom of Great Britain and Northern Ireland	8084	93.23
GRC	Greece	85	51.20
HUN	Hungary	189	78.10
ITA	Italy	772	100.00
LIE	Liechtenstein	40	100.00
LTU	Lithuania	331	100.00
LVA	Latvia	667	95.01
MLT	Malta	127	81.41
NLD	Netherlands	242	12.42
NOR	Norway	2188	89.12
ROU	Romania	791	80.55
SCG	Serbia and Montenegro	27	13.17
SVK	Slovakia	1109	96.86
SVN	Slovenia	432	99.54
SWE	Sweden	4170	78.12
TOTAL		48275	57.11

6.d.5 Sites with boundaries which are not available in "SITES" table

!

iso3	Country name	Site code	Site code nat
CHE	Switzerland	0	1706
CHE	Switzerland	0	574
CHE	Switzerland	0	1502
CHE	Switzerland	0	1651
CHE	Switzerland	0	1713
CHE	Switzerland	0	577
CHE	Switzerland	0	1918
CHE	Switzerland	0	-1
CHE	Switzerland	0	1507
DEU	Germany	81627	
DEU	Germany	81746	
DEU	Germany	82442	
DEU	Germany	82509	
DEU	Germany	82587	
DEU	Germany	82941	
DEU	Germany	162415	

iso3	Country name	Site code	Site code nat
DEU	Germany	163028	
DEU	Germany	163069	
DEU	Germany	163964	
DEU	Germany	163967	
DEU	Germany	164177	
DEU	Germany	165654	
DEU	Germany	166048	
DEU	Germany	318239	
DEU	Germany	318253	
DEU	Germany	318356	
DEU	Germany	318370	
DEU	Germany	318519	
DEU	Germany	318520	
DEU	Germany	318672	
DEU	Germany	319253	
DEU	Germany	319352	
DEU	Germany	319353	
EST	Estonia	171758	
FRA	France	0	FR2400094
FRA	France	0	FR6300001
FRA	France	0	FR6300006
FRA	France	0	FR6400001
FRA	France	0	FR6400002
FRA	France	0	FR6500002
FRA	France	0	FR6500010
FRA	France	0	FR6600008
FRA	France	0	FR6600014
FRA	France	0	FR6600020
FRA	France	0	FR6600021
FRA	France	0	FR6600026
FRA	France	0	FR6600027
FRA	France	0	FR6600029
FRA	France	0	FR6600030
FRA	France	0	FR6600031
FRA	France	0	FR6600032
FRA	France	0	FR7200014
FRA	France	0	FR7200019
FRA	France	0	FR7200020
FRA	France	0	FR7200022
FRA	France	0	FR6300004
FRA	France	0	FR6300005
FRA	France	0	FR6400006
FRA	France	0	FR6500001
FRA	France	0	FR6500009
FRA	France	0	FR6600001
FRA	France	0	FR6600002
FRA	France	0	FR6600003
FRA	France	0	FR6600006
FRA	France	0	FR6600007
FRA	France	0	FR6600015
FRA	France	0	FR6600019
FRA	France	0	FR6600024

iso3	Country name	Site code	Site code nat
FRA	France	0	FR6600025
FRA	France	0	FR6600033
FRA	France	0	FR7200005
FRA	France	0	FR7200007
FRA	France	0	FR7200018
FRA	France	0	FR2400038
FRA	France	0	FR6300002
FRA	France	0	FR6300003
FRA	France	0	FR6300010
FRA	France	0	FR6600004
FRA	France	0	FR6600018
FRA	France	0	FR6600022
FRA	France	0	FR6600023
FRA	France	0	FR7200002
FRA	France	0	FR7200004
FRA	France	0	FR7200009
FRA	France	0	FR7200017
FRA	France	0	FR7200021
FRA	France	0	FR2400019
FRA	France	0	FR6400004
FRA	France	0	FR6500004
FRA	France	0	FR6500005
FRA	France	0	FR6600005
FRA	France	0	FR6600009
FRA	France	0	FR6600010
FRA	France	0	FR6600011
FRA	France	0	FR6600012
FRA	France	0	FR6600013
FRA	France	0	FR6600016
FRA	France	0	FR6600017
FRA	France	0	FR6600028
FRA	France	0	FR6600034
FRA	France	0	FR7200001
FRA	France	0	FR7200003
FRA	France	0	FR7200006
FRA	France	0	FR7200008
FRA	France	0	FR7200013
FRA	France	0	FR7200015
FRA	France	0	FR7200016
GBR	United Kingdom of Great Britain and Northern Ireland	136373	1001813
GRC	Greece	398992	
HUN	Hungary	0	128/TT/76
HUN	Hungary	0	124/TT/76
HUN	Hungary	0	267/TT/94
HUN	Hungary	0	295/TT/00
HUN	Hungary	0	289/TT/98
MLT	Malta	0	MALT_131-MALT_138
NOR	Norway	0	VV00000799
ROU	Romania	0	2.380.
ROU	Romania	0	2.679.
ROU	Romania	0	2.764.
ROU	Romania	0	2.677.

iso3	Country name	Site code	Site code nat
ROU	Romania	0	2.701.
ROU	Romania	0	2.165.
ROU	Romania	0	2.383.
ROU	Romania	0	2.771.
ROU	Romania	0	2.513.
ROU	Romania	0	2.730.
SVK	Slovakia	148502	998
SVK	Slovakia	172864	1025
SWE	Sweden	0	0102069
SWE	Sweden	0	0102099
SWE	Sweden	0	0102115
SWE	Sweden	0	0102123
SWE	Sweden	0	0102127
SWE	Sweden	0	0109904
SWE	Sweden	0	0309901
SWE	Sweden	0	0409901
SWE	Sweden	0	0409906
SWE	Sweden	0	0409907
SWE	Sweden	0	0409908
SWE	Sweden	0	0509901
SWE	Sweden	0	0609901
SWE	Sweden	0	0709902
SWE	Sweden	0	0709904
SWE	Sweden	0	0709909
SWE	Sweden	0	0709910
SWE	Sweden	0	0809903
SWE	Sweden	0	0809945
SWE	Sweden	0	0809951
SWE	Sweden	0	0809956
SWE	Sweden	0	0809957
SWE	Sweden	0	0809961
SWE	Sweden	0	0909903
SWE	Sweden	0	1009903
SWE	Sweden	0	1404036
SWE	Sweden	0	1409007
SWE	Sweden	0	1409011
SWE	Sweden	0	1409060
SWE	Sweden	0	1509902
SWE	Sweden	0	1509903
SWE	Sweden	0	1509904
SWE	Sweden	0	1609908
SWE	Sweden	0	1609912
SWE	Sweden	0	1609913
SWE	Sweden	0	1709905
SWE	Sweden	0	1709907
SWE	Sweden	0	1709909
SWE	Sweden	0	1709913
SWE	Sweden	0	1709915
SWE	Sweden	0	1709919
SWE	Sweden	0	1709920
SWE	Sweden	0	1709921
SWE	Sweden	0	1709926

iso3	Country name	Site code	Site code nat
SWE	Sweden	0	1709928
SWE	Sweden	0	1709933
SWE	Sweden	0	1709935
SWE	Sweden	0	1709939
SWE	Sweden	0	1709952
SWE	Sweden	0	1709953
SWE	Sweden	0	1709959
SWE	Sweden	0	1709965
SWE	Sweden	0	2109019
SWE	Sweden	0	2109020
SWE	Sweden	0	2109022
SWE	Sweden	0	2109024
SWE	Sweden	0	2109025
SWE	Sweden	0	2409901
SWE	Sweden	0	2409903
SWE	Sweden	0	2409905
SWE	Sweden	0	2409909
SWE	Sweden	0	2509906
SWE	Sweden	0	2509907
SWE	Sweden	0	2509908
SWE	Sweden	0	0102037
SWE	Sweden	0	0102098
SWE	Sweden	0	0102164
SWE	Sweden	0	0109902
SWE	Sweden	0	0109905
SWE	Sweden	0	0109910
SWE	Sweden	0	0111003
SWE	Sweden	0	0111010
SWE	Sweden	0	0309903
SWE	Sweden	0	0409902
SWE	Sweden	0	0409904
SWE	Sweden	0	0409909
SWE	Sweden	0	0509902
SWE	Sweden	0	0609002
SWE	Sweden	0	0609903
SWE	Sweden	0	0709901
SWE	Sweden	0	0709906
SWE	Sweden	0	0709907
SWE	Sweden	0	0709908
SWE	Sweden	0	0709913
SWE	Sweden	0	0809901
SWE	Sweden	0	0809907
SWE	Sweden	0	0809908
SWE	Sweden	0	0809912
SWE	Sweden	0	0809914
SWE	Sweden	0	0809915
SWE	Sweden	0	0809928
SWE	Sweden	0	0809953
SWE	Sweden	0	0809958
SWE	Sweden	0	1309905
SWE	Sweden	0	1309907
SWE	Sweden	0	1309909

iso3	Country name	Site code	Site code nat
SWE	Sweden	0	1409005
SWE	Sweden	0	1409057
SWE	Sweden	0	1409079
SWE	Sweden	0	1509905
SWE	Sweden	0	1509907
SWE	Sweden	0	1509909
SWE	Sweden	0	1609002
SWE	Sweden	0	1609017
SWE	Sweden	0	1609032
SWE	Sweden	0	1609907
SWE	Sweden	0	1609915
SWE	Sweden	0	1709902
SWE	Sweden	0	1709903
SWE	Sweden	0	1709917
SWE	Sweden	0	1709931
SWE	Sweden	0	1709932
SWE	Sweden	0	1709934
SWE	Sweden	0	1709936
SWE	Sweden	0	1709940
SWE	Sweden	0	1709941
SWE	Sweden	0	1709944
SWE	Sweden	0	1709946
SWE	Sweden	0	1709948
SWE	Sweden	0	1709950
SWE	Sweden	0	1709951
SWE	Sweden	0	1709954
SWE	Sweden	0	1709956
SWE	Sweden	0	1709958
SWE	Sweden	0	0109914
SWE	Sweden	0	0409905
SWE	Sweden	0	0709903
SWE	Sweden	0	0709911
SWE	Sweden	0	0809902
SWE	Sweden	0	0809904
SWE	Sweden	0	0809909
SWE	Sweden	0	0809911
SWE	Sweden	0	0809917
SWE	Sweden	0	0809921
SWE	Sweden	0	0809929
SWE	Sweden	0	0809930
SWE	Sweden	0	0809932
SWE	Sweden	0	0809946
SWE	Sweden	0	0809948
SWE	Sweden	0	0809960
SWE	Sweden	0	0809962
SWE	Sweden	0	0909904
SWE	Sweden	0	1209902
SWE	Sweden	0	1309902
SWE	Sweden	0	1309903
SWE	Sweden	0	1309904
SWE	Sweden	0	1309910
SWE	Sweden	0	1309911

iso3	Country name	Site code	Site code nat
SWE	Sweden	0	1409006
SWE	Sweden	0	1409020
SWE	Sweden	0	1409021
SWE	Sweden	0	1409033
SWE	Sweden	0	1409080
SWE	Sweden	0	1409901
SWE	Sweden	0	1609028
SWE	Sweden	0	1609902
SWE	Sweden	0	1609903
SWE	Sweden	0	1609905
SWE	Sweden	0	1609909
SWE	Sweden	0	1709901
SWE	Sweden	0	1709904
SWE	Sweden	0	1709906
SWE	Sweden	0	1709908
SWE	Sweden	0	1709918
SWE	Sweden	0	1709925
SWE	Sweden	0	1709927
SWE	Sweden	0	1709929
SWE	Sweden	0	1709930
SWE	Sweden	0	1709938
SWE	Sweden	0	1709942
SWE	Sweden	0	1709943
SWE	Sweden	0	1709949
SWE	Sweden	0	1709960
SWE	Sweden	0	1709961
SWE	Sweden	0	1709964
SWE	Sweden	0	1809901
SWE	Sweden	0	1909901
SWE	Sweden	0	1909902
SWE	Sweden	0	1909903
SWE	Sweden	0	2109023
SWE	Sweden	0	2109902
SWE	Sweden	0	2409906
SWE	Sweden	0	2409907
SWE	Sweden	0	2409908
SWE	Sweden	0	2509901
SWE	Sweden	0	2509903
SWE	Sweden	0	2509905
SWE	Sweden	0	0001007
SWE	Sweden	0	0102015
SWE	Sweden	0	0102088
SWE	Sweden	0	0102113
SWE	Sweden	0	0102182
SWE	Sweden	0	0109903
SWE	Sweden	0	0109906
SWE	Sweden	0	0109913
SWE	Sweden	0	0111002
SWE	Sweden	0	0309902
SWE	Sweden	0	0409903
SWE	Sweden	0	0509903
SWE	Sweden	0	0609902

iso3	Country name	Site code	Site code nat
SWE	Sweden	0	0609904
SWE	Sweden	0	0609905
SWE	Sweden	0	0709905
SWE	Sweden	0	0709912
SWE	Sweden	0	0809101
SWE	Sweden	0	0809905
SWE	Sweden	0	0809913
SWE	Sweden	0	0809920
SWE	Sweden	0	0809922
SWE	Sweden	0	0809924
SWE	Sweden	0	0809925
SWE	Sweden	0	0809931
SWE	Sweden	0	0809944
SWE	Sweden	0	0809947
SWE	Sweden	0	0809949
SWE	Sweden	0	0809950
SWE	Sweden	0	0809952
SWE	Sweden	0	0809954
SWE	Sweden	0	0809955
SWE	Sweden	0	0809959
SWE	Sweden	0	0904
SWE	Sweden	0	1009901
SWE	Sweden	0	1209901
SWE	Sweden	0	1309901
SWE	Sweden	0	1309906
SWE	Sweden	0	1309908
SWE	Sweden	0	1409004
SWE	Sweden	0	1409008
SWE	Sweden	0	1409009
SWE	Sweden	0	1409902
SWE	Sweden	0	1509901
SWE	Sweden	0	1509906
SWE	Sweden	0	1509908
SWE	Sweden	0	1609035
SWE	Sweden	0	1609901
SWE	Sweden	0	1609904
SWE	Sweden	0	1609906
SWE	Sweden	0	1609910
SWE	Sweden	0	1609911
SWE	Sweden	0	1609914
SWE	Sweden	0	1709910
SWE	Sweden	0	1709911
SWE	Sweden	0	1709912
SWE	Sweden	0	1709914
SWE	Sweden	0	1709916
SWE	Sweden	0	1709922
SWE	Sweden	0	1709923
SWE	Sweden	0	1709924
SWE	Sweden	0	1709937
SWE	Sweden	0	1709945
SWE	Sweden	0	1709947
SWE	Sweden	0	1709955

iso3	Country name	Site code	Site code nat
SWE	Sweden	0	1709957
SWE	Sweden	0	1709962
SWE	Sweden	0	1709963
SWE	Sweden	0	2009007
SWE	Sweden	0	2109021
SWE	Sweden	0	2109901
SWE	Sweden	0	2109903
SWE	Sweden	0	2409902
SWE	Sweden	0	2409904
SWE	Sweden	0	2509902
SWE	Sweden	0	2509904
TOTAL		391	

6.d.6 Sites with boundaries where combination of "SITE_CODE" and "SITE_CODE_NAT" is not unique

! Every "SITE_CODE" can has only one related national "SITE_CODE_NAT".

iso3	Country name	Site code	Site code nat
DNK	Denmark	92374	039400
DNK	Denmark	92374	372900
GBR	United Kingdom of Great Britain and Northern Ireland	136513	1003394
GBR	United Kingdom of Great Britain and Northern Ireland	136513	1003395
GBR	United Kingdom of Great Britain and Northern Ireland	137472	1002162
GBR	United Kingdom of Great Britain and Northern Ireland	137472	1002163
GBR	United Kingdom of Great Britain and Northern Ireland	137732	1003936
GBR	United Kingdom of Great Britain and Northern Ireland	137732	1003937
GBR	United Kingdom of Great Britain and Northern Ireland	137987	1001816
GBR	United Kingdom of Great Britain and Northern Ireland	137987	1001817
GBR	United Kingdom of Great Britain and Northern Ireland	138028	1002745
GBR	United Kingdom of Great Britain and Northern Ireland	138028	1002742
GBR	United Kingdom of Great Britain and Northern Ireland	138041	1002743
GBR	United Kingdom of Great Britain and Northern Ireland	138041	1002746
GBR	United Kingdom of Great Britain and Northern Ireland	140931	1001664
GBR	United Kingdom of Great Britain and Northern Ireland	140931	1001667
GBR	United Kingdom of Great Britain and Northern Ireland	141055	1001662
GBR	United Kingdom of Great Britain and Northern Ireland	141055	1001666
GBR	United Kingdom of Great Britain and Northern Ireland	141079	1001667
GBR	United Kingdom of Great Britain and Northern Ireland	141079	1001663
TOTAL		20	