

EUROPEAN TOPIC CENTRE ON BIOLOGICAL

Under contract with the European Environment Agency

CENTRE THEMATIQUE EUROPEEN SUR LA DIVERSITE

Sous contract avec l'Agence Europeenne de l'Environnement

**REPORT UNDER ARTICLE 17
OF COUNCIL DIRECTIVE 92/43/EEC**

**QA/QC REPORT
ON FINAL DELIVERY FROM
ESTONIA**

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IMPORTANT NOTE

This QA/QC report is provided for information only. No additional delivery is required from the Member State. The reporting envelope is now closed and you are not able to upload any files.

However, National Data Coordinators are invited to use the Article 17 Consultation Tool to review the national data. The review process allows you to draw attention to new information or to significant errors in the Article 17 report. In doing so, the EU biogeographical assessments will be more accurate.

Please consult the background paper and user manual available at http://circa.europa.eu/Public/irc/env/monnat/library?l=/habitats_reporting/reporting_2001-2007/internet_consultation&vm=detailed&sb=Title to see how you can correct possible errors using the web tool (<http://biodiversity.eionet.europa.eu/article17>)

LIST OF ABBREVIATIONS USED

- cf. Abbreviation for the Latin word *confer*, meaning "compare" or "consult"
- GML Geography Markup Language files submitted by Member States that contain spatial data
- XML Extensible Markup Language files submitted by Member States that contain descriptive data
- MAP Used to indicate the provided GML file (map), or to indicate the map of Natura 2000 site(s)
- * If used after the filename it indicates the fact that ETC/BD had performed the correction.

Biogeographical regions:

- ALP Alpine
- ATL Atlantic
- BOR Boreal
- CON Continental
- MAC Macaronesia
- MATL Marine Atlantic
- MBAL Marine Baltic
- MED Mediterranean
- MMAC Marine Macaronesian
- MMED Marine Mediterranean
- PAN Pannonian

GENERAL STATISTICS

Number of reports provided

Reports on	Number
Habitats	60
Species	96
TOTAL	156

Note: Habitats & species listed as marginal, occasional, etc. are not counted above (see the list below)

List of reported species and habitats that were considered as marginal, occasional, extinct before Directive, etc.

MS species name or Habitat code	Region	Status abbrev.	Status
<i>Rana ridibunda</i>	BOR	INT	introduced species

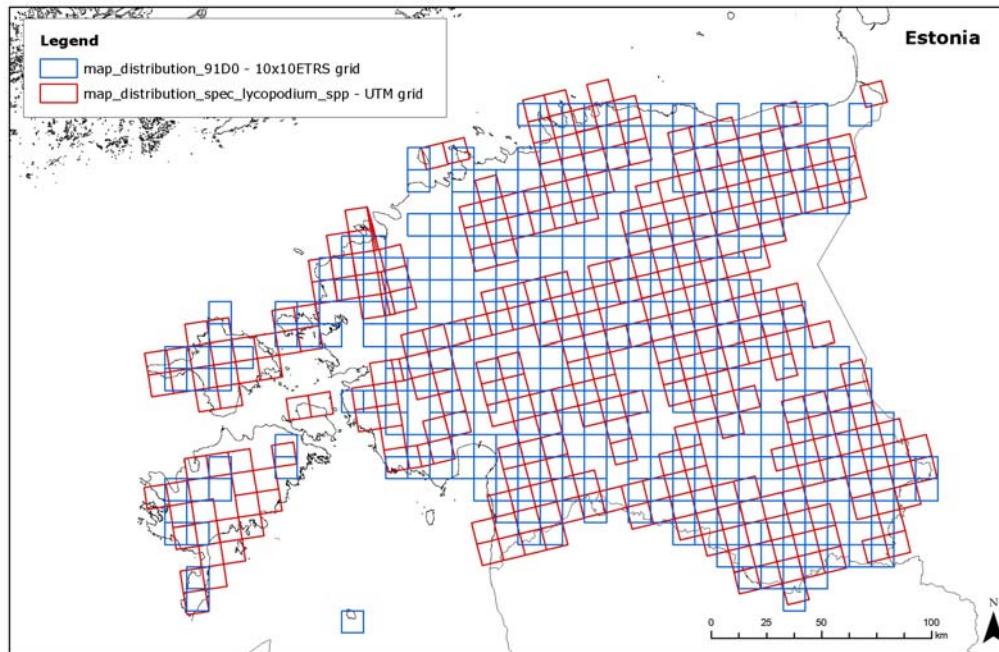
Number of issues identified during QA/QC process

Issues on	Errors	Missing	Incoherent	Not assessed
Non Spatial Data (XML)	64	3	5	15
Spatial Data (GML)	7	0	88	-

GENERAL ISSUES -

General issues related to the report

In Estonia two different grid systems are used for the data, one 10x10 km grid system in the ETRS LAEA 5210 projection and another in Universal Transverse Mercator (UTM) coordinate system, zones 34v and 35v. Of the spatial data files submitted by Estonia 158 were 10x10km grids in ETRS and 156 were grids in UTM. The presence of different grid systems, in different coordinate systems resulted in additional processing time for the report and created added complexity to the data analysis process.



The above figure shows an overlap of the two grid systems.

GENERAL REPORT - Data not compliant with QA/QC procedures

3.1 Management tools - Art. 6(1) - Management plans and Management bodies

Issue 31

- 1 . The value indicating the number of sites with management bodies (509) is not equal to the number of sites listed in the table (510).

3.2 Management tools - Art. 6(1) - Other territorial planning instruments

Issue 32

- 1 . A value of zero was given for the number of sites with other territorial planning instruments applied. No sites were listed under the respective title. This will be interpreted that territorial planning instruments were not applied.

3.3 Management tools - Art. 6(1) - Non-territorial planning instruments

Issue 33

- 1 . The value of zero was given as the number of sites with non-territorial planning instruments. No sites were listed under the respective title. This will be interpreted that non-planning instruments were not applied.

6. Measures taken in relation to approval of plans and projects - Art. 6(3,4)

Issue 60

- 1 . A value of zero was given for the number of projects for which compensation measures were necessary and Commission opinion was requested. No sites were listed in the relevant categories. It will be interpreted that compensation measures were not necessary and that there was no case where Commission opinion was requested.

10.3 Measures taken to ensure the protection of species (Arts. 12 to 16) - General main measures established

to deal with the taking/exploitation in the wild of specimens of wild species of Annex V (Art. 14)

Issue 103

- 1 . *Hiruda medicinalis* is not a correct species name.

HABITATS REPORTING - Errors detected by QA/QC procedure

1.2 Map of Habitat distribution

Issue 13745 Distribution, or a portion of it, does not lie within the Range of the same habitat

- 1 . map-distribution-6510.gml (cf. MAP:)
- 2 . map-distribution-7120.gml (cf. MAP:)

2.6.1 Conclusion for habitat range

Issue 18450 Conclusion unexpected according to provided values

- 1 . habitatype-3150.xml (cf. BOR: actual value: 7400; favourable reference value: 7400; trend: =; sub-conclusion: U1- (>10%: 0%))
- 2 . habitatype-7120.xml (cf. BOR: actual value: 34960; favourable reference value: 34960; trend: =; sub-conclusion: U1 (>10%: 0%))

2.6.2 Conclusion for habitat area

Issue 18555 Conclusion unexpected according to provided values, unless significant changes in distribution pattern within range exist and trend of the area of the habitat is still stable or increasing

- 1 . habitatype-1310.xml (cf. BOR: actual value: 5; favourable reference value: 5; trend: =; sub-conclusion: XX)
- 2 . habitatype-7150.xml (cf. BOR: actual value: 80; favourable reference value: 80; trend: =; sub-conclusion: XX)
- 3 . habitatype-7160.xml (cf. BOR: actual value: 7.3; favourable reference value: 7.3; trend: =; sub-conclusion: U1)
- 4 . habitatype-7210.xml (cf. BOR: actual value: 36; favourable reference value: 36; trend: =; sub-conclusion: U1-)
- 5 . habitatype-8240.xml (cf. BOR: actual value: 2; favourable reference value: ~2; trend: =; sub-conclusion: XX)
- 6 . habitatype-9010.xml (cf. BOR: actual value: 1004; favourable reference value: 1004; trend: =; sub-conclusion: U1)
- 7 . habitatype-9070.xml (cf. BOR: actual value: 33; favourable reference value: 33; trend: =; sub-conclusion: XX)
- 8 . habitatype-91D0.xml (cf. BOR: actual value: 490; favourable reference value: 490; trend: =; sub-conclusion: U1)
- 9 . habitatype-91E0.xml (cf. BOR: actual value: 35; favourable reference value: 35; trend: =; sub-conclusion: U1)

SPECIES REPORTING - Errors detected by QA/QC procedure

1.1 Map of Species range

Issue 7215 The spatial information occurs in regions outside those reported in the XML

- 1 . map-range-spec-coregonus-lavaretus.gml (cf. MBAL: MAP)
- 2 . map-range-spec-halichoerus-grypus.gml (cf. MBAL: MAP)
- 3 . map-range-spec-phoca-hispida-bottnica.gml (cf. MBAL: MAP)

1.2 Map of Species distribution

Issue 7240 The spatial information occurs in regions outside those reported in the XML

- 1 .map-distribution-spec-coregonus-lavaretus.gml (cf. MBAL: MAP)
- 2 .map-distribution-spec-halichoerus-grypus.gml (cf. MBAL: MAP)

2.3.5 Species range trend magnitude - optional

Issue 8260 Magnitude should not be zero if the trend is not stable, should not be a number different from 0 if the trend is stable and should not have a value if the trend is unknown

- 1 .species-maculinea-arion.xml (cf. BOR: trend: X; magnitude: 0)

2.4.6 Species population trend magnitude

Issue 9870 Magnitude should not be smaller than actual maximum population if trend is positive. If values are equal, this means that the value at the beginning of the trend period was zero. This is possible e.g. for new findings of species/habitat type or for new arriving species and the "other relevant information" field should reflect this

- 1 .species-osmoderma-eremita.xml (cf. BOR: actual value: 8; trend: +; magnitude: 8)

2.6 Future prospects for the species (not conclusion)

Issue 12250 The future prospects (2.6) for the species are not in concordance with the conclusion on future prospects (2.8.4)

- 1 .species-astacus-astacus.xml (cf. BOR: 2.6 future prospects: Good; 2.8.4 conclusion future prospects: U1+)
- 2 .species-mustela-lutreola.xml (cf. BOR: 2.6 future prospects: Good; 2.8.4 conclusion future prospects: U1+)
- 3 .species-phoca-hispida-bottnica.xml (cf. BOR: 2.6 future prospects: Bad; 2.8.4 conclusion future prospects: U1-)
- 4 .species-thymallus-thymallus.xml (cf. BOR: 2.6 future prospects: Good; 2.8.4 conclusion future prospects: U1+)

2.7.1 Favourable reference species range

Issue 12410 Reference value should not be lower than actual value, or use of qualifier "More than" or "Much more than" for reference value lower than actual value make the sub-conclusion doubtful according to Addendum #2 of the Explanatory Notes and Guidelines

- 1 .species-vespertilio-murinus.xml (cf. BOR: actual value = 45227; reference value ~8000)

2.8.1 Conclusion for species range

Issue 13110 Conclusion unexpected according to provided values

- 1 .species-aspius-aspius.xml (cf. BOR: actual value: 8162; favourable reference value: 8162; trend: =; sub-conclusion: U1 (>10%: 0%))
- 2 .species-boros-schneideri.xml (cf. BOR: actual value: 400; favourable reference value: -400; trend: =; sub-conclusion: U1 (>10%: 0%))
- 3 .species-cobitis-taenia.xml (cf. BOR: actual value: 15410; favourable reference value: 15410; trend: =; sub-conclusion: XX (>10%: 0%))
- 4 .species-coenonympha-hero.xml (cf. BOR: actual value: 1900; favourable reference value: 1900; trend: =; sub-conclusion: U1+ (>10%: 0%))
- 5 .species-coregonus-lavaretus.xml (cf. BOR: actual value: 35810; favourable reference value: 35810; trend: -; sub-conclusion: FV (>10%: 0%))
- 6 .species-dichelyma-capillaceum.xml (cf. BOR: actual value: 0.1; favourable reference value: 0.1; trend: =; sub-conclusion: U1 (>10%: 0%))
- 7 .species-dytiscus-latissimus.xml (cf. BOR: actual value: 600; favourable reference value: 600; trend: =; sub-conclusion: XX (>10%: 0%))
- 8 .species-euphydryas-aurinia.xml (cf. BOR: actual value: 700; favourable reference value: 700; trend: =; sub-

- conclusion: U1 (>10%: 0%))
- 9 . species-helix-pomatia.xml (cf. BOR: actual value: 8800; favourable reference value: 8800; trend: +; sub-conclusion: U1+ (>10%: 0%))
 - 10 . species-hirudo-medicinalis.xml (cf. BOR: actual value: 3000; favourable reference value: 3000; trend: +; sub-conclusion: U1+ (>10%: 0%))
 - 11 . species-hypodryas-maturna.xml (cf. BOR: actual value: 600; favourable reference value: 600; trend: =; sub-conclusion: U1 (>10%: 0%))
 - 12 . species-lampetra-fluviatilis.xml (cf. BOR: actual value: 16130; favourable reference value: 16130; trend: =; sub-conclusion: U1 (>10%: 0%))
 - 13 . species-leucorrhinia-caudalis.xml (cf. BOR: actual value: 1700; favourable reference value: 1700; trend: =; sub-conclusion: U1+ (>10%: 0%))
 - 14 . species-leucorrhinia-pectoralis.xml (cf. BOR: actual value: 2100; favourable reference value: 2100; trend: +; sub-conclusion: U1+ (>10%: 0%))
 - 15 . species-lopinga-achine.xml (cf. BOR: actual value: 3800; favourable reference value: 3800; trend: =; sub-conclusion: U1+ (>10%: 0%))
 - 16 . species-misgurnus-fossilis.xml (cf. BOR: actual value: 13220; favourable reference value: 13220; trend: =; sub-conclusion: U1 (>10%: 0%))
 - 17 . species-myotis-mystacinus.xml (cf. BOR: actual value: 14720; favourable reference value: 14720; trend: =; sub-conclusion: XX (>10%: 0%))
 - 18 . species-ophiogomphus-cecilia.xml (cf. BOR: actual value: 3800; favourable reference value: 3800; trend: =; sub-conclusion: U1 (>10%: 0%))
 - 19 . species-osmoderma-eremita.xml (cf. BOR: actual value: 200; favourable reference value: 200; trend: +; sub-conclusion: U1 (>10%: 0%))
 - 20 . species-oxyporus-mannerheimii.xml (cf. BOR: actual value: 500; favourable reference value: 500; trend: +; sub-conclusion: XX (>10%: 0%))
 - 21 . species-pipistrellus-nathusii.xml (cf. BOR: actual value: 45227; favourable reference value: 45227; trend: +; sub-conclusion: XX (>10%: 0%))
 - 22 . species-pipistrellus-pipistrellus.xml (cf. BOR: actual value: 45227; favourable reference value: ~45227; trend: =; sub-conclusion: XX (>10%: 0%))
 - 23 . species-salmo-salar.xml (cf. BOR: actual value: 3700; favourable reference value: 3700; trend: =; sub-conclusion: U1 (>10%: 0%))
 - 24 . species-sicista-betulina.xml (cf. BOR: actual value: 36500; favourable reference value: 36500; trend: =; sub-conclusion: XX (>10%: 0%))
 - 25 . species-stylurus-flavipes.xml (cf. BOR: actual value: 400; favourable reference value: 400; trend: =; sub-conclusion: XX (>10%: 0%))
 - 26 . species-triturus-cristatus.xml (cf. BOR: actual value: 3000; favourable reference value: 5000; trend: -; sub-conclusion: U1+ (>10%: 40%))
 - 27 . species-vespertilio-murinus.xml (cf. BOR: actual value: 45227; favourable reference value: ~8000; trend: =; sub-conclusion: XX (>10%: -465.3%))
 - 28 . species-xylomoia-strix.xml (cf. BOR: actual value: 100; favourable reference value: 100; trend: =; sub-conclusion: XX (>10%: 0%))

2.8.2 Conclusion for species population

Issue 13130 Conclusion unexpected according to provided values

- 1 . species-cypridium-calceolus.xml (cf. BOR: actual value: 75000; favourable reference value: 50000; trend: -; sub-conclusion: FV (>25%: -50%))
- 2 . species-drepanocladus-vernicosus.xml (cf. BOR: actual value: 44; favourable reference value: 44; trend: -; sub-conclusion: FV (>25%: 0%))
- 3 . species-lycopodium-spp.xml (cf. BOR: actual value: 379; favourable reference value: 379; trend: -; sub-conclusion: FV (>25%: 0%))
- 4 . species-phoca-hispida-bottnica.xml (cf. BOR: actual value: 1820; favourable reference value: 3500; trend: =; sub-conclusion: U1 (>25%: 48%))

Issue 13137 Conclusion unexpected according to provided values, unless reproduction, mortality and age structure are deviating from normal even if population trend is still stable or increasing

- 1 . species-aspius-aspius.xml (cf. BOR: actual value: 1900; favourable reference value: 1900; trend: =; sub-conclusion: U1)
- 2 . species-boros-schneideri.xml (cf. BOR: actual value: 3; favourable reference value: ~3; trend: =; sub-conclusion: U1)
- 3 . species-cobitis-taenia.xml (cf. BOR: actual value: 97; favourable reference value: 97; trend: =; sub-conclusion: XX)
- 4 . species-coenonympha-hero.xml (cf. BOR: actual value: 18; favourable reference value: 18; trend: =; sub-conclusion: U1+)
- 5 . species-dichelyma-capillaceum.xml (cf. BOR: actual value: 1; favourable reference value: 1; trend: =; sub-conclusion: U1)
- 6 . species-myotis-brandtii.xml (cf. BOR: actual value: 10000; favourable reference value: 10000; trend: =; sub-conclusion: XX)
- 7 . species-myotis-dasycneme.xml (cf. BOR: actual value: 4000; favourable reference value: 4000; trend: +; sub-conclusion: XX)
- 8 . species-myotis-nattereri.xml (cf. BOR: actual value: 2000; favourable reference value: 2000; trend: =; sub-conclusion: XX)
- 9 . species-osmoderma-eremita.xml (cf. BOR: actual value: 8; favourable reference value: 6; trend: +; sub-conclusion: U1+)
- 10 . species-oxyporus-mannerheimii.xml (cf. BOR: actual value: 5; favourable reference value: 5; trend: +; sub-conclusion: XX)
- 11 . species-pipistrellus-pipistrellus.xml (cf. BOR: actual value: 500; favourable reference value: ~500; trend: =; sub-conclusion: XX)
- 12 . species-salmo-salar.xml (cf. BOR: actual value: 10000; favourable reference value: 6000; trend: =; sub-conclusion: U1)
- 13 . species-unio-crassus.xml (cf. BOR: actual value: 35; favourable reference value: 35; trend: =; sub-conclusion: U1)
- 14 . species-vespertilio-murinus.xml (cf. BOR: actual value: 4000; favourable reference value: ~4000; trend: =; sub-conclusion: XX)

HABITATS REPORTING - Assessments given as unknown or not provided for all parameters

2.6.5 Conclusion for habitat overall assessment

Issue 18950 All sub-conclusions and overall assessment were provided as unknown or not reported. This indicates poor knowledge of the species or an assessment not performed

- 1 .habitatype-4030.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)

SPECIES REPORTING - Assessments given as unknown or not provided for all parameters

2.8.5 Conclusion for species overall assessment

Issue 13350 All sub-conclusions and overall assessment were provided as unknown or not reported. This indicates poor knowledge of the species or an assessment not performed

- 1 .species-cobitis-taenia.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 2 .species-dytiscus-latissimus.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 3 .species-maculinea-arion.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 4 .species-muscardinus-avellanarius.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 5 .species-myotis-mystacinus.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 6 .species-oxyporus-mannerheimii.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 7 .species-pipistrellus-pipistrellus.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 8 .species-sicista-betulina.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 9 .species-stylurus-flavipes.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 10 .species-vertigo-angustior.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 11 .species-vertigo-genesii.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 12 .species-vertigo-geyeri.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 13 .species-vespertilio-murinus.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 14 .species-xylomoia-strix.xml (cf. BOR: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)

HABITATS REPORTING - Mandatory data not reported or not following the agreed format

0. General issues

Issue 13460 Annex I Habitat type listed in reference list in several biogeographical regions but not reported in biogeographical regions where present according to the reference list

- 1 .habitatype-1110.xml* (cf. MBAL: |habitat not reported in biogeographical region|) (BOR changed into MBAL)
- 2 .habitatype-1160.xml* (cf. MBAL: |habitat not reported in biogeographical region|) (BOR changed into MBAL)
- 3 .habitatype-1170.xml* (cf. MBAL: |habitat not reported in biogeographical region|) (BOR changed into MBAL)

SPECIES REPORTING - Mandatory data not reported or not following the agreed format

0. General issues

Issue 6860 Annex II species mentioned on reference list in several biogeographical regions but not reported

in biogeographical regions where present according to the reference list

- 1 .species-halichoerus-grypus.xml* (cf. MBAL: |species not reported in biogeographical region|) (BOR changed into MBAL)
- 2 .species-phoca-hispida-bottnica.xml* (cf. MBAL: |species not reported in biogeographical region|) (BOR changed into MBAL)

2.4.1 Species population unit

Issue 9000 Population is indicated but no unit is specified or the unit is not within the accepted options. If unit "other" was used, no indication was provided about the unit in "other relevant information" field or in a separate file in other files section

- 1 .species-salmo-salar.xml (cf. BOR: Other)
- 2 .species-thymallus-thymallus.xml (cf. BOR: Other)
- 3 .species-unio-crassus.xml (cf. BOR: Other)

HABITATS REPORTING - QA/QC indicates incoherence between spatial and non-spatial data or with other data officially submitted

0. General issues

Issue 13470 Annex I habitat type reported but not listed in reference list at MS and Biogeographical level

- 1 .habitattype-1110.xml* (cf. BOR: |habitat not expected in biogeographical region|) (BOR changed into MBAL)
- 2 .habitattype-1160.xml* (cf. BOR: |habitat not expected in biogeographical region|) (BOR changed into MBAL)
- 3 .habitattype-1170.xml* (cf. BOR: |habitat not expected in biogeographical region|) (BOR changed into MBAL)

1.1 Map of Habitat range

Issue 13720 The range provided does not include the following Natura 2000 sites in which the habitat type is mentioned

- 1 .map-range-1130.gml (cf. MAP: EE0040201)
- 2 .map-range-1170.gml (cf. MAP: EE0040363)
- 3 .map-range-1310.gml (cf. MAP: EE0040363, EE0040401, EE0040441)
- 4 .map-range-2180.gml (cf. MAP: EE0080374)
- 5 .map-range-3110.gml (cf. MAP: EE0060119, EE0080401)
- 6 .map-range-3130.gml (cf. MAP: EE0010104, EE0060203, EE0070120, EE0080231, EE0080312, EE0080516)
- 7 .map-range-3140.gml (cf. MAP: EE0010121, EE0040201, EE0040428, EE0040476, EE0080425, EE0080603)
- 8 .map-range-3150.gml (cf. MAP: EE0040202, EE0040410, EE0080215)
- 9 .map-range-3160.gml (cf. MAP: EE0040210, EE0080517)
- 10 .map-range-4030.gml (cf. MAP: EE0010126, EE0020330, EE0040201, EE0040202, EE0040351, EE0040408, EE0040448)
- 11 .map-range-5130.gml (cf. MAP: EE0040203, EE0040211)
- 12 .map-range-6210.gml (cf. MAP: EE0080107)
- 13 .map-range-6270.gml (cf. MAP: EE0080621)
- 14 .map-range-6280.gml (cf. MAP: EE0020325)
- 15 .map-range-6450.gml (cf. MAP: EE0040367)

- 16 .map-range-6510.gml (cf. MAP: EE0040455)
- 17 .map-range-7220.gml (cf. MAP: EE0020314)
- 18 .map-range-8240.gml (cf. MAP: EE0020314)
- 19 .map-range-9020.gml (cf. MAP: EE0060218, EE0080103, EE0080371, EE0080511)
- 20 .map-range-9050.gml (cf. MAP: EE0010138, EE0040211, EE0080632)
- 21 .map-range-9060.gml (cf. MAP: EE0020301, EE0020322, EE0020328, EE0040212, EE0040313, EE0040361)
- 22 .map-range-91F0.gml (cf. MAP: EE0010127, EE0040351, EE0070171)

Issue 13725 ***Spatial data occurs at distances greater than 250 km from the pSCIs/SACs sites that were established for that habitat***

- 1 .map-range-7150.gml (cf. MAP: Over 250km)

1.2 Map of Habitat distribution

Issue 13750 ***The distribution provided does not include the following Natura 2000 sites in which the habitat type is mentioned***

- 1 .map-distribution-1130.gml (cf. MAP: EE0040201)
- 2 .map-distribution-1170.gml (cf. MAP: EE0040363)
- 3 .map-distribution-1310.gml (cf. MAP: EE0040363, EE0040401, EE0040441)
- 4 .map-distribution-2180.gml (cf. MAP: EE0080374)
- 5 .map-distribution-3110.gml (cf. MAP: EE0060119, EE0080401)
- 6 .map-distribution-3140.gml (cf. MAP: EE0010121, EE0040201, EE0040428, EE0040476, EE0060109, EE0080425, EE0080603)
- 7 .map-distribution-3150.gml (cf. MAP: EE0040202, EE0040410, EE0080215)
- 8 .map-distribution-4030.gml (cf. MAP: EE0010126, EE0020330, EE0040201, EE0040202, EE0040351, EE0040408, EE0040448)
- 9 .map-distribution-5130.gml (cf. MAP: EE0040203, EE0040211)
- 10 .map-distribution-6210.gml (cf. MAP: EE0080107)
- 11 .map-distribution-6270.gml (cf. MAP: EE0010102, EE0080621)
- 12 .map-distribution-6280.gml (cf. MAP: EE0020325)
- 13 .map-distribution-6450.gml (cf. MAP: EE0040367, EE0060112)
- 14 .map-distribution-6510.gml (cf. MAP: EE0040455)
- 15 .map-distribution-6530.gml (cf. MAP: EE0020331)
- 16 .map-distribution-7140.gml (cf. MAP: EE0020329)
- 17 .map-distribution-7220.gml (cf. MAP: EE0020314)
- 18 .map-distribution-9020.gml (cf. MAP: EE0040211, EE0060218, EE0080103, EE0080371, EE0080410, EE0080511)
- 19 .map-distribution-9050.gml (cf. MAP: EE0010138, EE0040211, EE0080632)
- 20 .map-distribution-9060.gml (cf. MAP: EE0020301, EE0020322, EE0020328, EE0040212, EE0040313, EE0040361)
- 21 .map-distribution-91F0.gml (cf. MAP: EE0010127, EE0040351, EE0070171)

Issue 13755 ***Spatial data occurs at distances greater than 250 km from the pSCIs/SACs sites that were***

established for that habitat

- 1 .map-distribution-7150.gml (cf. MAP: Over 250km)

SPECIES REPORTING - QA/QC indicates incoherence between spatial and non-spatial data or with other data officially submitted

0. General issues

Issue 6870 Annex II species reported but unknown to reference list at MS or biogeographical level

- 1 .species-halichoerus-grypus.xml* (cf. BOR: |species not expected in biogeographical region|) (BOR changed into MBAL)
- 2 .species-phoca-hispida-bottnica.xml* (cf. BOR: |species not expected in biogeographical region|) (BOR changed into MBAL)

1.1 Map of Species range

Issue 7220 The range provided does not include the following Natura 2000 sites in which the species is mentioned

- 1 .map-range-spec-agrimonia-pilosa.gml (cf. MAP: EE0040201)
- 2 .map-range-spec-cobitis-taenia.gml (cf. MAP: EE0010141, EE0080512)
- 3 .map-range-spec-dianthus-arenarius-ssp-arenarius.gml (cf. MAP: EE0040002, EE0040201)
- 4 .map-range-spec-dicranum-viride.gml (cf. MAP: EE0020332)
- 5 .map-range-spec-drepanocladus-vernicosus.gml (cf. MAP: EE0020325)
- 6 .map-range-spec-dytiscus-latissimus.gml (cf. MAP: EE0040329, EE0080313, EE0080323, EE0080371, EE0080574)
- 7 .map-range-spec-encalypta-mutica.gml (cf. MAP: EE0040443)
- 8 .map-range-spec-euphydryas-aurinia.gml (cf. MAP: EE0040002, EE0040205, EE0040206, EE0040493, EE0080407, EE0080621)
- 9 .map-range-spec-graphoderus-bilineatus.gml (cf. MAP: EE0040120, EE0060119, EE0080421)
- 10 .map-range-spec-liparis-loeselii.gml (cf. MAP: EE0020313, EE0070103, EE0080374)
- 11 .map-range-spec-lycaena-dispar.gml (cf. MAP: EE0010173, EE0020325, EE0080574, EE0080621)
- 12 .map-range-spec-ophiogomphus-cecilia.gml (cf. MAP: EE0070127, EE0070128, EE0080622, EE0080635)
- 13 .map-range-spec-pulsatilla-patens.gml (cf. MAP: EE0040480)
- 14 .map-range-spec-salmo-salar.gml (cf. MAP: EE0040201, EE0040305)
- 15 .map-range-spec-saxifraga-hirculus.gml (cf. MAP: EE0040351, EE0080374, EE0080613)
- 16 .map-range-spec-thesium-ebracteatum.gml (cf. MAP: EE0020332, EE0040002)
- 17 .map-range-spec-unio-crassus.gml (cf. MAP: EE0020318, EE0080638)
- 18 .map-range-spec-vertigo-angustior.gml (cf. MAP: EE0020311, EE0040205, EE0040206)
- 19 .map-range-spec-vertigo-genesii.gml (cf. MAP: EE0040406, EE0040490)
- 20 .map-range-spec-vertigo-geyeri.gml (cf. MAP: EE0040334, EE0080524)

1.2 Map of Species distribution

Issue 7250 The distribution provided does not include the following Natura 2000 sites in which the species is mentioned

- 1 .map-distribution-spec-agrimonia-pilosa.gml (cf. MAP: EE0040201)
- 2 .map-distribution-spec-cobitis-taenia.gml (cf. MAP: EE0010141, EE0080512)
- 3 .map-distribution-spec-cypridium-calceolus.gml (cf. MAP: EE0010106, EE0010109, EE0020307)
- 4 .map-distribution-spec-dianthus-arenarius-ssp-arenarius.gml (cf. MAP: EE0040002, EE0040201)
- 5 .map-distribution-spec-dicranum-viride.gml (cf. MAP: EE0020332)
- 6 .map-distribution-spec-drepanocladus-vernicosus.gml (cf. MAP: EE0020325)
- 7 .map-distribution-spec-dytiscus-latissimus.gml (cf. MAP: EE0040329, EE0080313, EE0080323, EE0080371, EE0080574)
- 8 .map-distribution-spec-encalypta-mutica.gml (cf. MAP: EE0040443)
- 9 .map-distribution-spec-euphydryas-aurinia.gml (cf. MAP: EE0040002, EE0040205, EE0040206, EE0040493, EE0080407, EE0080621)
- 10 .map-distribution-spec-graphoderus-bilineatus.gml (cf. MAP: EE0040120, EE0060119, EE0070128, EE0080421)
- 11 .map-distribution-spec-liparis-loeselii.gml (cf. MAP: EE0020313, EE0070103, EE0080374)
- 12 .map-distribution-spec-misgurnus-fossilis.gml (cf. MAP: EE0080613)
- 13 .map-distribution-spec-myotis-dasycneme.gml (cf. MAP: EE0040301, EE0040369, EE0070129, EE0080671)
- 14 .map-distribution-spec-ophiogomphus-cecilia.gml (cf. MAP: EE0070127, EE0070128, EE0080605, EE0080613, EE0080622, EE0080635)
- 15 .map-distribution-spec-pulsatilla-patens.gml (cf. MAP: EE0040480)
- 16 .map-distribution-spec-salmo-salar.gml (cf. MAP: EE0040201, EE0040305)
- 17 .map-distribution-spec-saussurea-alpina-ssp-esthonica.gml (cf. MAP: EE0020301)
- 18 .map-distribution-spec-saxifraga-hirculus.gml (cf. MAP: EE0040351, EE0080374, EE0080613)
- 19 .map-distribution-spec-thesium-ebracteatum.gml (cf. MAP: EE0020332, EE0040002)
- 20 .map-distribution-spec-unio-crassus.gml (cf. MAP: EE0020318, EE0080638)
- 21 .map-distribution-spec-vertigo-angustior.gml (cf. MAP: EE0020311, EE0040205, EE0040206)
- 22 .map-distribution-spec-vertigo-genesii.gml (cf. MAP: EE0040406, EE0040490)
- 23 .map-distribution-spec-vertigo-geyeri.gml (cf. MAP: EE0040334, EE0080524)

2.3.1 Surface range of the species

Issue 7750 **Range in the XML file shows a difference of more than 5 % from the range calculated from the GML file in the corresponding biogeographical region (not buffered for calculation of minimum values and buffered by 15 km for maximum values). This discrepancy can be due to spatial data being generalized during creation of the GML**

- 1 .species-dichelyma-capillaceum.xml (cf. BOR: reported value: 0.1; computed surface area from maps between: 100.1 - 100.1)
- 2 .species-halichoerus-grypus.xml (cf. BOR: reported value: 32400; computed surface area from maps between: 4630.4 - 24077.9)
- 3 .species-margaritifera-margaritifera.xml (cf. BOR: reported value: 0.02; computed surface area from maps between: 270.3 - 300)
- 4 .species-phoca-hispida-bottnica.xml (cf. BOR: reported value: 20200; computed surface area from maps between: 2752.5 - 15490.8)
- 5 .species-rana-ridibunda.xml (cf. BOR: reported value: 1; computed surface area from maps between: 100 - 100)

Spatial Data not compliant with QA/QC procedures

	<i>Errors</i>	<i>Missing</i>	<i>Incoherent</i>
1 map-distribution-1130.gml			1
2 map-distribution-1170.gml			1
3 map-distribution-1310.gml			1
4 map-distribution-2180.gml			1
5 map-distribution-3110.gml			1
6 map-distribution-3140.gml			1
7 map-distribution-3150.gml			1
8 map-distribution-4030.gml			1
9 map-distribution-5130.gml			1
10 map-distribution-6210.gml			1
11 map-distribution-6270.gml			1
12 map-distribution-6280.gml			1
13 map-distribution-6450.gml			1
14 map-distribution-6510.gml	1		1
15 map-distribution-6530.gml			1
16 map-distribution-7120.gml	1		
17 map-distribution-7140.gml			1
18 map-distribution-7150.gml			1
19 map-distribution-7220.gml			1
20 map-distribution-9020.gml			1
21 map-distribution-9050.gml			1
22 map-distribution-9060.gml			1
23 map-distribution-91F0.gml			1
24 map-distribution-spec-agrimonia-pilosa.gml			1
25 map-distribution-spec-cobitis-taenia.gml			1
26 map-distribution-spec-coregonus-lavaretus.gml	1		
27 map-distribution-spec-cypripedium-calceolus.gml			1
28 map-distribution-spec-dianthus-arenarius-ssp-arenarius.gml			1
29 map-distribution-spec-dicranum-viride.gml			1
30 map-distribution-spec-drepanocladus-vernicosus.gml			1
31 map-distribution-spec-dytiscus-latissimus.gml			1
32 map-distribution-spec-encalypta-mutica.gml			1
33 map-distribution-spec-euphydryas-aurinia.gml			1
34 map-distribution-spec-graphoderus-bilineatus.gml			1
35 map-distribution-spec-halichoerus-grypus.gml	1		
36 map-distribution-spec-liparis-loeselii.gml			1
37 map-distribution-spec-misgurnus-fossilis.gml			1
38 map-distribution-spec-myotis-dasychneme.gml			1
39 map-distribution-spec-ophiogomphus-cecilia.gml			1
40 map-distribution-spec-pulsatilla-patens.gml			1
41 map-distribution-spec-salmo-salar.gml			1
42 map-distribution-spec-saussurea-alpina-ssp-esthonica.gml			1
43 map-distribution-spec-saxifraga-hirculus.gml			1
44 map-distribution-spec-thesium-ebracteatum.gml			1
45 map-distribution-spec-unio-crassus.gml			1
46 map-distribution-spec-vertigo-angustior.gml			1
47 map-distribution-spec-vertigo-genesii.gml			1
48 map-distribution-spec-vertigo-geyeri.gml			1
49 map-range-1130.gml			1

50	map-range-1170.gml		1	
51	map-range-1310.gml		1	
52	map-range-2180.gml		1	
53	map-range-3110.gml		1	
54	map-range-3130.gml		1	
55	map-range-3140.gml		1	
56	map-range-3150.gml		1	
57	map-range-3160.gml		1	
58	map-range-4030.gml		1	
59	map-range-5130.gml		1	
60	map-range-6210.gml		1	
61	map-range-6270.gml		1	
62	map-range-6280.gml		1	
63	map-range-6450.gml		1	
64	map-range-6510.gml		1	
65	map-range-7150.gml		1	
66	map-range-7220.gml		1	
67	map-range-8240.gml		1	
68	map-range-9020.gml		1	
69	map-range-9050.gml		1	
70	map-range-9060.gml		1	
71	map-range-91F0.gml		1	
72	map-range-spec-agrimonia-pilosa.gml		1	
73	map-range-spec-cobitis-taenia.gml		1	
74	map-range-spec-coregonus-lavaretus.gml	1		
75	map-range-spec-dianthus-arenarius-ssp-arenarius.gml		1	
76	map-range-spec-dicranum-viride.gml		1	
77	map-range-spec-drepanocladus-vernicosus.gml		1	
78	map-range-spec-dytiscus-latissimus.gml		1	
79	map-range-spec-encalypta-mutica.gml		1	
80	map-range-spec-euphydrias-aurinia.gml		1	
81	map-range-spec-graphoderus-bilineatus.gml		1	
82	map-range-spec-halichoerus-grypus.gml	1		
83	map-range-spec-liparis-loeselii.gml		1	
84	map-range-spec-lycaena-dispar.gml		1	
85	map-range-spec-ophiogomphus-cecilia.gml		1	
86	map-range-spec-phoca-hispida-bottnica.gml	1		
87	map-range-spec-pulsatilla-patens.gml		1	
88	map-range-spec-salmo-salar.gml		1	
89	map-range-spec-saxifraga-hirculus.gml		1	
90	map-range-spec-thesium-ebracteatum.gml		1	
91	map-range-spec-unio-crassus.gml		1	
92	map-range-spec-vertigo-angustior.gml		1	
93	map-range-spec-vertigo-genesii.gml		1	
94	map-range-spec-vertigo-geyeri.gml		1	
		<i>Errors</i>	<i>Missing</i>	<i>Incoherent</i>
<u>GML Total number of issues :</u>		<u>7</u>		<u>88</u>

Non-spatial Data not compliant with QA/QC procedures

Errors Missing Incoherent Not assessed

1	general-report.xml			
2	habitatype-1310.xml	1		
3	habitatype-3150.xml	1		
4	habitatype-4030.xml			1
5	habitatype-7120.xml	1		
6	habitatype-7150.xml	1		
7	habitatype-7160.xml	1		
8	habitatype-7210.xml	1		
9	habitatype-8240.xml	1		
10	habitatype-9010.xml	1		
11	habitatype-9070.xml	1		
12	habitatype-91D0.xml	1		
13	habitatype-91E0.xml	1		
14	species-aspius-aspius.xml	2		
15	species-astacus-astacus.xml	1		
16	species-boros-schneideri.xml	2		
17	species-cobitis-taenia.xml	2		1
18	species-coenonympha-hero.xml	2		
19	species-coregonus-lavaretus.xml	1		
20	species-cypridium-calceolus.xml	1		
21	species-dichelyma-capillaceum.xml	2	1	
22	species-drepanocladus-vernicosus.xml	1		
23	species-dytiscus-latissimus.xml	1		1
24	species-euphydrias-aurinia.xml	1		
25	species-halichoerus-grypus.xml		1	
26	species-helix-pomatia.xml	1		
27	species-hirudo-medicinalis.xml	1		
28	species-hypodryas-maturna.xml	1		
29	species-lampetra-fluviatilis.xml	1		
30	species-leucorrhinia-caudalis.xml	1		
31	species-leucorrhinia-pectoralis.xml	1		
32	species-lopinga-achine.xml	1		
33	species-lycopodium-spp..xml	1		
34	species-maculinea-arion.xml	1		1
35	species-margaritifera-margaritifera.xml		1	
36	species-misgurnus-fossilis.xml	1		
37	species-muscardinus-avellanarius.xml			1
38	species-mustela-lutreola.xml	1		
39	species-myotis-brandtii.xml	1		
40	species-myotis-dasycneme.xml	1		
41	species-myotis-mystacinus.xml	1		1
42	species-myotis-nattereri.xml	1		
43	species-ophiogomphus-cecilia.xml	1		
44	species-osmoderma-eremita.xml	3		
45	species-oxyporus-mannerheimii.xml	2		1
46	species-phoca-hispida-bottnica.xml	2	1	
47	species-pipistrellus-nathusii.xml	1		
48	species-pipistrellus-pipistrellus.xml	2		1
49	species-rana-ridibunda.xml		1	
50	species-salmo-salar.xml	2	1	
51	species-sicista-betulina.xml	1		1

52	species-stylurus-flavipes.xml	1			1	
53	species-thymallus-thymallus.xml	1	1			
54	species-triturus-cristatus.xml	1				
55	species-unio-crassus.xml	1	1			
56	species-vertigo-angustior.xml				1	
57	species-vertigo-genesii.xml				1	
58	species-vertigo-geyeri.xml				1	
59	species-vespertilio-murinus.xml	3			1	
60	species-xylomoia-strix.xml	1			1	
			<i>Errors</i>	<i>Missing</i>	<i>Incoherent</i>	<i>Not assessed</i>
	<u><i>XML Total number of issues :</i></u>	<u>64</u>	<u>3</u>	<u>5</u>	<u>15</u>	