

**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  
LUXEMBOURG**

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Museum National  
d'Histoire Naturelle

57 rue Cuvier  
F-75231 Paris cedex 05  
France

Tel. +33.1.40.79.38.70  
Fax. +33.1.40.79.38.67

[ctecninf@mnhn.fr](mailto:ctecninf@mnhn.fr)  
<http://biodiversity.eionet.eu.int>

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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](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	29
Species	59
<b>TOTAL</b>	<b>88</b>

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
6120	CON	DEL	file to be deleted - test files or wrong reports
9120	CON	DEL	file to be deleted - test files or wrong reports
<i>Astacus astacus</i>	CON	PEX	extinct before HD (or possibly extinct before HD)
<i>Helix aspersa</i>	CON	NHD	not a Habitat Directive species
<i>Lopinga achine</i>	CON	PEX	extinct before HD (or possibly extinct before HD)
<i>Rhinolophus hipposideros</i>	CON	PEX	extinct before HD (or possibly extinct before HD)
<i>Vespertilio murinus</i>	CON	OCC	occasional, vagrant or marginal

### Number of issues identified during QA/QC process

Issues on	Errors	Missing	Incoherent	Not assessed
Non Spatial Data (XML)	39	292	13	10
Spatial Data (GML)	20	6	41	-

## GENERAL REPORT - Data not compliant with QA/QC procedures

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

#### *Issue 31*

- 1 . A value of zero was given for number of sites for which comprehensive management plans have been adopted. No sites were listed in the respective categories. It will be interpreted that no comprehensive management plan was adopted.  
The values indicating the number of sites with management plans in preparation and management bodies (14) are not equal to the number of sites listed in the table under the respective titles (15).  
As well the sites for which no management plan in preparation and no management body were indicated were listed in the table.

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

#### *Issue 32*

- 1 . The value indicating the number of sites for which nature conservation objectives have been included in relevant territorial planning instrument (18) is not equal to the number of sites listed in the table (20).

### 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 Commission opinion was requested. No sites were listed in the relevant category. This will be interpreted that Commission opinion was not 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 . In this section 'measures established to deal with the taking/exploitation in the wild of specimens of Annex V' species should have been listed, for each measure species/species group concerned should have been given under the Species name heading The text in this section was not provided in the appropriate format.

## HABITATS REPORTING - Errors detected by QA/QC procedure

### 2.6.1 Conclusion for habitat range

#### *Issue 18450 Conclusion unexpected according to provided values*

- 1 . habitatype-4030.xml (cf. CON: actual value: 595; favourable reference value: >; trend: =; sub-conclusion: FV (>10%: %))
- 2 . habitatype-6230.xml (cf. CON: actual value: 380; favourable reference value: >; trend: X; sub-conclusion: FV (>10%: %))
- 3 . habitatype-9150.xml (cf. CON: actual value: 105; favourable reference value: >; trend: =; sub-conclusion: FV (>10%: %))

### 2.6.2 Conclusion for habitat area

#### *Issue 18550 Conclusion unexpected according to provided values*

- 1 . habitatype-5130.xml (cf. CON: actual value: 0.66; favourable reference value: >1; trend: =; sub-conclusion: U1 (>10%: 34%))
- 2 . habitatype-9150.xml (cf. CON: actual value: 0.69; favourable reference value: >; trend: =; sub-conclusion: FV)

(>10%: %))

## 2.6.5 Conclusion for habitat overall assessment

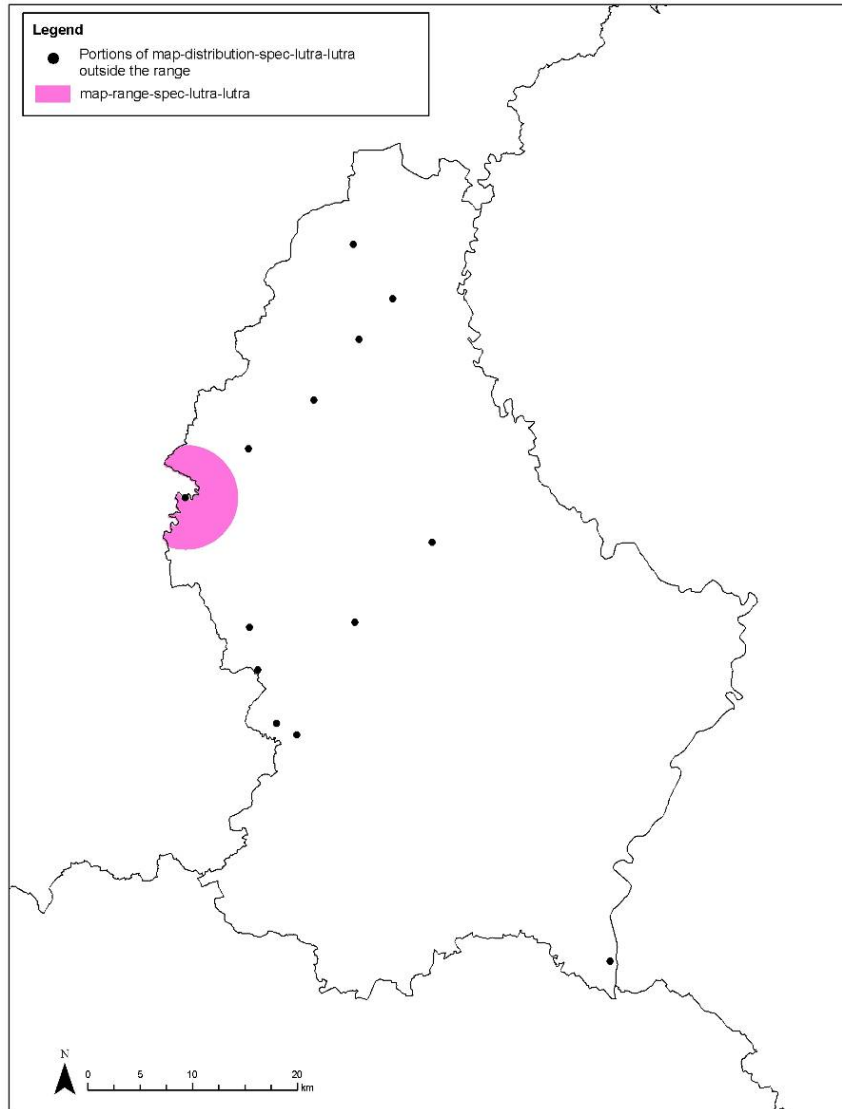
*Issue 18900 Overall assessment not in line with sub-conclusions*

1 .habitattype-6110.xml (cf. CON: sub-conclusions: FV; XX; U1; XX; overall conclusion: XX)

# SPECIES REPORTING - Errors detected by QA/QC procedure

## 1.2 Map of Species distribution

*Issue 7245 Distribution, or a portion of it, does not lie within the Range of the same species*



- 1 .map-distribution-spec-epitesicus-serotinus.gml (cf. MAP: )
- 2 .map-distribution-spec-felis-silvestris.gml (cf. MAP: )
- 3 .map-distribution-spec-lampetra-planeri.gml (cf. MAP: )
- 4 .map-distribution-spec-lutra-lutra.gml (cf. MAP: )
- 5 .map-distribution-spec-martes-martes.gml (cf. MAP: )
- 6 .map-distribution-spec-muscardinus-avellanarius.gml (cf. MAP: )
- 7 .map-distribution-spec-mustela-putorius.gml (cf. MAP: )

- 8 .map-distribution-spec-myotis-bechsteini.gml (cf. MAP: )
- 9 .map-distribution-spec-myotis-brandtii.gml (cf. MAP: )
- 10 .map-distribution-spec-myotis-daubentonii.gml (cf. MAP: )
- 11 .map-distribution-spec-myotis-emarginatus.gml (cf. MAP: )
- 12 .map-distribution-spec-myotis-myotis.gml (cf. MAP: )
- 13 .map-distribution-spec-myotis-mystacinus.gml (cf. MAP: )
- 14 .map-distribution-spec-myotis-nattereri.gml (cf. MAP: )
- 15 .map-distribution-spec-nyctalus-noctula.gml (cf. MAP: )
- 16 .map-distribution-spec-pipistrellus-pipistrellus.gml (cf. MAP: )
- 17 .map-distribution-spec-plecotus-auritus.gml (cf. MAP: )
- 18 .map-distribution-spec-plecotus-austriacus.gml (cf. MAP: )
- 19 .map-distribution-spec-rhinolophus-ferrumequinum.gml (cf. MAP: )
- 20 .map-distribution-spec-thymallus-thymallus.gml (cf. MAP: )

## 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-cladonia-spp.-\_subgenus-cladina\_.xml (cf. CON: 2.6 future prospects: Poor; 2.8.4 conclusion future prospects: XX)
- 2 .species-lycopodium-annotinum.xml (cf. CON: 2.6 future prospects: Poor; 2.8.4 conclusion future prospects: U2)
- 3 .species-pipistrellus-pipistrellus.xml (cf. CON: 2.6 future prospects: Poor; 2.8.4 conclusion future prospects: FV)

## 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-callimorpha-quadripunctaria.xml (cf. CON: actual value = 1723; reference value = 1600)

## 2.7.2 Favourable reference species population

*Issue 12710 Reference value usually should not be lower than actual minimum value (or than maximum value if minimum was not provided). If lower values were correctly provided, an explanation is needed in the "complementary other information" field. If qualifiers "More than" or "Much more than" were used for a reference value that is lower than the actual value, this make the sub-conclusion doubtful according to Addendum #2 of the Explanatory Notes and Guidelines*

- 1 .species-eptesticus-serotinus.xml (cf. CON: actual value = 252; reference value >235)

## 2.8.1 Conclusion for species range

*Issue 13110 Conclusion unexpected according to provided values*

- 1 .species-barbus-barbus.xml (cf. CON: actual value: 1692; favourable reference value: 2600; trend: =; sub-conclusion: U1 (>10%: 34.9%))
- 2 .species-cottus-gobio.xml (cf. CON: actual value: 2065; favourable reference value: 2600; trend: =; sub-conclusion: FV (>10%: 20.6%))
- 3 .species-dicranum-viride.xml (cf. CON: actual value: 530; favourable reference value: >530; trend: =; sub-conclusion: FV (>10%: 0%))
- 4 .species-eptesticus-serotinus.xml (cf. CON: actual value: 1968; favourable reference value: 2586; trend: =; sub-



- conclusion: U1 (>10%: 23.9%))
- 5 . species-lampetra-planeri.xml (cf. CON: actual value: 1512; favourable reference value: 2149; trend: =; sub-conclusion: U1 (>10%: 29.6%))
  - 6 . species-leucobryum-glaucum.xml (cf. CON: actual value: 450; favourable reference value: >450; trend: =; sub-conclusion: FV (>10%: 0%))
  - 7 . species-mustela-putorius.xml (cf. CON: actual value: 1381; favourable reference value: 2586; trend: X; sub-conclusion: U1 (>10%: 46.6%))
  - 8 . species-myotis-bechsteini.xml (cf. CON: actual value: 1360; favourable reference value: 2586; trend: =; sub-conclusion: U1 (>10%: 47.4%))
  - 9 . species-myotis-brandtii.xml (cf. CON: actual value: 305; favourable reference value: 2239; trend: X; sub-conclusion: U1 (>10%: 86.4%))
  - 10 . species-myotis-daubentonii.xml (cf. CON: actual value: 2243; favourable reference value: 2586; trend: =; sub-conclusion: U1 (>10%: 13.3%))
  - 11 . species-myotis-emarginatus.xml (cf. CON: actual value: 1649; favourable reference value: 2239; trend: =; sub-conclusion: U1 (>10%: 26.4%))
  - 12 . species-myotis-myotis.xml (cf. CON: actual value: 2193; favourable reference value: 2586; trend: =; sub-conclusion: U1 (>10%: 15.2%))
  - 13 . species-myotis-mystacinus.xml (cf. CON: actual value: 1512; favourable reference value: 2586; trend: -; sub-conclusion: U1 (>10%: 41.5%))
  - 14 . species-nyctalus-leisleri.xml (cf. CON: actual value: 1489; favourable reference value: 2586; trend: =; sub-conclusion: U1 (>10%: 42.4%))
  - 15 . species-nyctalus-noctula.xml (cf. CON: actual value: 2097; favourable reference value: 2586; trend: =; sub-conclusion: U1 (>10%: 18.9%))
  - 16 . species-plecotus-auritus.xml (cf. CON: actual value: 1874; favourable reference value: 2586; trend: =; sub-conclusion: U1 (>10%: 27.5%))
  - 17 . species-rhinolophus-ferrumequinum.xml (cf. CON: actual value: 1092; favourable reference value: 2094; trend: -; sub-conclusion: U1 (>10%: 47.9%))
  - 18 . species-sphagnum-spp.xml (cf. CON: actual value: 1275; favourable reference value: >1275; trend: X; sub-conclusion: FV (>10%: 0%))
  - 19 . species-trichomanes-speciosum.xml (cf. CON: actual value: 1038; favourable reference value: >1038; trend: =; sub-conclusion: FV (>10%: 0%))

## 2.8.2 Conclusion for species population

### *Issue 13130 Conclusion unexpected according to provided values*

- 1 . species-barbus-barbus.xml (cf. CON: actual value: 66; favourable reference value: >66; trend: =; sub-conclusion: FV (>25%: 0%))
- 2 . species-coenagrion-mercuriale.xml (cf. CON: actual value: 200; favourable reference value: >1000; trend: =; sub-conclusion: U1 (>25%: 80%))
- 3 . species-cottus-gobio.xml (cf. CON: actual value: 234; favourable reference value: >234; trend: =; sub-conclusion: FV (>25%: 0%))
- 4 . species-lampetra-planeri.xml (cf. CON: actual value: 54; favourable reference value: >54; trend: =; sub-conclusion: FV (>25%: 0%))
- 5 . species-mustela-putorius.xml (cf. CON: actual value: 24; favourable reference value: 500; trend: -; sub-

conclusion: U1 (>25%: 95.2%))

- 6 . species-myotis-daubentonii.xml (cf. CON: actual value: 163; favourable reference value: 250; trend: =; sub-conclusion: U1 (>25%: 34.8%))
- 7 . species-pipistrellus-pipistrellus.xml (cf. CON: actual value: 896; favourable reference value: 900; trend: =; sub-conclusion: FV (>25%: 0.4%))
- 8 . species-podarcis-muralis.xml (cf. CON: actual value: 64; favourable reference value: >; trend: +; sub-conclusion: FV (>25%: %))
- 9 . species-trichomanes-speciosum.xml (cf. CON: actual value: 150; favourable reference value: >150; trend: =; sub-conclusion: FV (>25%: 0%))

## 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-3130.xml (cf. CON: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 2 . habitatype-3140.xml (cf. CON: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 3 . habitatype-3150.xml (cf. CON: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 4 . habitatype-3260.xml (cf. CON: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 5 . habitatype-6410.xml (cf. CON: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 6 . habitatype-6430.xml (cf. CON: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 7 . habitatype-7140.xml (cf. CON: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 8 . habitatype-7230.xml (cf. CON: 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-cladonia-spp.-\_subgenus-cladina\_.xml (cf. CON: sub-conclusions: XX; XX; XX; XX; overall conclusion: XX)
- 2 . species-muscardinus-avellanarius.xml (cf. CON: 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 13520 Habitat type distribution map not provided*

- 1 . habitatype-3130.xml (cf. FILE: |map not provided|)
- 2 . habitatype-3140.xml (cf. FILE: |map not provided|)

- 3 .habitatype-3150.xml (cf. FILE: |map not provided|)
- 4 .habitatype-3260.xml (cf. FILE: |map not provided|)
- 5 .habitatype-6430.xml (cf. FILE: |map not provided|)
- 6 .habitatype-8150.xml (cf. FILE: |map not provided|)
- 7 .habitatype-8160.xml (cf. FILE: |map not provided|)
- 8 .habitatype-8210.xml (cf. FILE: |map not provided|)
- 9 .habitatype-8220.xml (cf. FILE: |map not provided|)
- 10 .habitatype-8230.xml (cf. FILE: |map not provided|)

*Issue 13550* **Habitat type range map not provided**

- 1 .habitatype-3130.xml (cf. FILE: |map not provided|)
- 2 .habitatype-3140.xml (cf. FILE: |map not provided|)
- 3 .habitatype-3150.xml (cf. FILE: |map not provided|)
- 4 .habitatype-3260.xml (cf. FILE: |map not provided|)
- 5 .habitatype-6430.xml (cf. FILE: |map not provided|)

### 2.3.1 Surface range of the habitat

*Issue 14100* **Mandatory information missing, equal to 0, negative or not numeric. Any such values were not taken into account for the composite report**

- 1 .habitatype-3130.xml (cf. CON: |no value reported|)
- 2 .habitatype-3140.xml (cf. CON: |no value reported|)
- 3 .habitatype-3150.xml (cf. CON: |no value reported|)
- 4 .habitatype-3260.xml (cf. CON: |no value reported|)
- 5 .habitatype-6430.xml (cf. CON: |no value reported|)

### 2.3.2 Date of habitat range determination

*Issue 14400* **Mandatory information missing or value not in line with rules [MM/YYYY, YYYY or YYYY-YYYY where YYYY between (1900-2006) and MM between (01-12)]**

- 1 .habitatype-3130.xml (cf. CON: |no value reported|)
- 2 .habitatype-3140.xml (cf. CON: |no value reported|)
- 3 .habitatype-3150.xml (cf. CON: |no value reported|)
- 4 .habitatype-3260.xml (cf. CON: |no value reported|)
- 5 .habitatype-6430.xml (cf. CON: |no value reported|)

### 2.3.3 Quality of data concerning habitat range

*Issue 14600* **Mandatory information missing or values not within ["good", "moderate", "poor"]. Any other values were not taken into account for the composite report**

- 1 .habitatype-3130.xml (cf. CON: |no value reported|)
- 2 .habitatype-3140.xml (cf. CON: |no value reported|)
- 3 .habitatype-3150.xml (cf. CON: |no value reported|)
- 4 .habitatype-3260.xml (cf. CON: |no value reported|)
- 5 .habitatype-6430.xml (cf. CON: |no value reported|)

### 2.3.4 Habitat range trend

*Issue 14800 Mandatory information missing or values not within ["+", "-", "=", "X"]. Any other values were not taken into account for the composite report*

- 1 .habitatype-3130.xml (cf. CON: |no value reported|)
- 2 .habitatype-3140.xml (cf. CON: |no value reported|)
- 3 .habitatype-3150.xml (cf. CON: |no value reported|)
- 4 .habitatype-3260.xml (cf. CON: |no value reported|)
- 5 .habitatype-6430.xml (cf. CON: |no value reported|)

### 2.3.6 Habitat range trend period

*Issue 14900 Mandatory information missing or value not in line with rules [YYYY or YYYY-YYYY where YYYY between (1900-2006)]*

- 1 .habitatype-3130.xml (cf. CON: |no value reported|)
- 2 .habitatype-3140.xml (cf. CON: |no value reported|)
- 3 .habitatype-3150.xml (cf. CON: |no value reported|)
- 4 .habitatype-3260.xml (cf. CON: |no value reported|)
- 5 .habitatype-6230.xml (cf. CON: |no value reported|)
- 6 .habitatype-6410.xml (cf. CON: |no value reported|)
- 7 .habitatype-6430.xml (cf. CON: |no value reported|)
- 8 .habitatype-7140.xml (cf. CON: |no value reported|)
- 9 .habitatype-7220.xml (cf. CON: |no value reported|)
- 10 .habitatype-7230.xml (cf. CON: |no value reported|)

### 2.4.1 Surface area of the habitat type

*Issue 15400 Mandatory information missing, equal to 0, negative or not numeric. Any such values were not taken into account for the composite report*

- 1 .habitatype-3130.xml (cf. CON: |no value reported|)
- 2 .habitatype-3140.xml (cf. CON: |no value reported|)
- 3 .habitatype-3150.xml (cf. CON: |no value reported|)
- 4 .habitatype-3260.xml (cf. CON: |no value reported|)
- 5 .habitatype-6430.xml (cf. CON: |no value reported|)
- 6 .habitatype-7220.xml (cf. CON: |no value reported|)
- 7 .habitatype-8150.xml (cf. CON: |no value reported|)
- 8 .habitatype-8160.xml (cf. CON: |no value reported|)
- 9 .habitatype-8210.xml (cf. CON: |no value reported|)
- 10 .habitatype-8220.xml (cf. CON: |no value reported|)
- 11 .habitatype-8230.xml (cf. CON: |no value reported|)
- 12 .habitatype-8310.xml (cf. CON: |no value reported|)
- 13 .habitatype-91D0.xml (cf. CON: |no value reported|)

### 2.4.2 Date of habitat area estimation

*Issue 15700 Mandatory information missing or value not in line with rules [MM/YYYY, YYYY or YYYY-YYYY where YYYY between (1900-2006) and MM between (01-12)]*

- 1 .habitatype-3130.xml (cf. CON: |no value reported|)
- 2 .habitatype-3140.xml (cf. CON: |no value reported|)
- 3 .habitatype-3150.xml (cf. CON: |no value reported|)
- 4 .habitatype-3260.xml (cf. CON: |no value reported|)
- 5 .habitatype-6430.xml (cf. CON: |no value reported|)
- 6 .habitatype-7220.xml (cf. CON: |no value reported|)
- 7 .habitatype-8150.xml (cf. CON: |no value reported|)
- 8 .habitatype-8160.xml (cf. CON: |no value reported|)
- 9 .habitatype-8210.xml (cf. CON: |no value reported|)
- 10 .habitatype-8220.xml (cf. CON: |no value reported|)
- 11 .habitatype-8230.xml (cf. CON: |no value reported|)
- 12 .habitatype-8310.xml (cf. CON: |no value reported|)
- 13 .habitatype-91D0.xml (cf. CON: |no value reported|)

#### 2.4.3 Method used for habitat area estimation

*Issue 15900 Mandatory information missing or reported value(s) not matching those proposed*

- 1 .habitatype-3130.xml (cf. CON: |no value reported|)
- 2 .habitatype-3140.xml (cf. CON: |no value reported|)
- 3 .habitatype-3150.xml (cf. CON: |no value reported|)
- 4 .habitatype-3260.xml (cf. CON: |no value reported|)
- 5 .habitatype-6430.xml (cf. CON: |no value reported|)
- 6 .habitatype-7220.xml (cf. CON: |no value reported|)
- 7 .habitatype-8150.xml (cf. CON: |no value reported|)
- 8 .habitatype-8160.xml (cf. CON: |no value reported|)
- 9 .habitatype-8210.xml (cf. CON: |no value reported|)
- 10 .habitatype-8220.xml (cf. CON: |no value reported|)
- 11 .habitatype-8230.xml (cf. CON: |no value reported|)
- 12 .habitatype-8310.xml (cf. CON: |no value reported|)
- 13 .habitatype-91D0.xml (cf. CON: |no value reported|)

#### 2.4.4 Quality of the data concerning habitat area

*Issue 16100 Mandatory information missing or values not within ["good", "moderate", "poor"]. Any other values were not taken into account for the composite report*

- 1 .habitatype-3130.xml (cf. CON: |no value reported|)
- 2 .habitatype-3140.xml (cf. CON: |no value reported|)
- 3 .habitatype-3150.xml (cf. CON: |no value reported|)
- 4 .habitatype-3260.xml (cf. CON: |no value reported|)
- 5 .habitatype-6430.xml (cf. CON: |no value reported|)
- 6 .habitatype-7220.xml (cf. CON: |no value reported|)
- 7 .habitatype-8150.xml (cf. CON: |no value reported|)

- 8 .habitatype-8160.xml (cf. CON: |no value reported|)
- 9 .habitatype-8210.xml (cf. CON: |no value reported|)
- 10 .habitatype-8220.xml (cf. CON: |no value reported|)
- 11 .habitatype-8230.xml (cf. CON: |no value reported|)
- 12 .habitatype-8310.xml (cf. CON: |no value reported|)
- 13 .habitatype-91D0.xml (cf. CON: |no value reported|)

#### 2.4.5 Habitat area trend

*Issue 16300 Mandatory information missing or values not within ["+", "-", "=", "X"]. Any other values were not taken into account for the composite report*

- 1 .habitatype-3130.xml (cf. CON: |no value reported|)
- 2 .habitatype-3140.xml (cf. CON: |no value reported|)
- 3 .habitatype-3150.xml (cf. CON: |no value reported|)
- 4 .habitatype-3260.xml (cf. CON: |no value reported|)
- 5 .habitatype-6430.xml (cf. CON: |no value reported|)
- 6 .habitatype-7220.xml (cf. CON: |no value reported|)
- 7 .habitatype-8150.xml (cf. CON: |no value reported|)
- 8 .habitatype-8160.xml (cf. CON: |no value reported|)
- 9 .habitatype-8210.xml (cf. CON: |no value reported|)
- 10 .habitatype-8220.xml (cf. CON: |no value reported|)
- 11 .habitatype-8230.xml (cf. CON: |no value reported|)
- 12 .habitatype-8310.xml (cf. CON: |no value reported|)
- 13 .habitatype-91D0.xml (cf. CON: |no value reported|)

#### 2.4.7 Habitat area trend period

*Issue 16400 Mandatory information missing or value not in line with rules [YYYY or YYYY-YYYY where YYYY between (1900-2006)]*

- 1 .habitatype-3130.xml (cf. CON: |no value reported|)
- 2 .habitatype-3140.xml (cf. CON: |no value reported|)
- 3 .habitatype-3150.xml (cf. CON: |no value reported|)
- 4 .habitatype-3260.xml (cf. CON: |no value reported|)
- 5 .habitatype-6230.xml (cf. CON: |no value reported|)
- 6 .habitatype-6410.xml (cf. CON: |no value reported|)
- 7 .habitatype-6430.xml (cf. CON: |no value reported|)
- 8 .habitatype-6510.xml (cf. CON: |no value reported|)
- 9 .habitatype-7140.xml (cf. CON: |no value reported|)
- 10 .habitatype-7220.xml (cf. CON: |no value reported|)
- 11 .habitatype-7230.xml (cf. CON: |no value reported|)
- 12 .habitatype-8150.xml (cf. CON: |no value reported|)
- 13 .habitatype-8160.xml (cf. CON: |no value reported|)

- 14 .habitatype-8210.xml (cf. CON: |no value reported|)
- 15 .habitatype-8220.xml (cf. CON: |no value reported|)
- 16 .habitatype-8230.xml (cf. CON: |no value reported|)
- 17 .habitatype-8310.xml (cf. CON: |no value reported|)
- 18 .habitatype-91D0.xml (cf. CON: |no value reported|)

### 2.5.1 Favourable reference habitat range

*Issue 17500 Mandatory information missing, equal to 0, negative or not numeric. Any such values were not taken into account for the composite report*

- 1 .habitatype-3130.xml (cf. CON: |no value reported|; |no operator selected|)
- 2 .habitatype-3140.xml (cf. CON: |no value reported|; |no operator selected|)
- 3 .habitatype-3150.xml (cf. CON: |no value reported|; |no operator selected|)
- 4 .habitatype-3260.xml (cf. CON: |no value reported|; |no operator selected|)
- 5 .habitatype-5110.xml (cf. CON: |no value reported|; |no operator selected|)
- 6 .habitatype-5130.xml (cf. CON: |no value reported|; |no operator selected|)
- 7 .habitatype-6210.xml (cf. CON: |no value reported|; |no operator selected|)
- 8 .habitatype-6410.xml (cf. CON: |no value reported|; |no operator selected|)
- 9 .habitatype-6430.xml (cf. CON: |no value reported|; |no operator selected|)
- 10 .habitatype-6510.xml (cf. CON: |no value reported|; |no operator selected|)
- 11 .habitatype-7140.xml (cf. CON: |no value reported|; |no operator selected|)
- 12 .habitatype-7220.xml (cf. CON: |no value reported|; |no operator selected|)
- 13 .habitatype-7230.xml (cf. CON: |no value reported|; |no operator selected|)
- 14 .habitatype-8150.xml (cf. CON: |no value reported|; |no operator selected|)
- 15 .habitatype-8160.xml (cf. CON: |no value reported|; |no operator selected|)
- 16 .habitatype-8210.xml (cf. CON: |no value reported|; |no operator selected|)
- 17 .habitatype-8220.xml (cf. CON: |no value reported|; |no operator selected|)
- 18 .habitatype-8230.xml (cf. CON: |no value reported|; |no operator selected|)
- 19 .habitatype-8310.xml (cf. CON: |no value reported|; |no operator selected|)
- 20 .habitatype-9110.xml (cf. CON: |no value reported|; |no operator selected|)
- 21 .habitatype-9130.xml (cf. CON: |no value reported|; |no operator selected|)
- 22 .habitatype-9160.xml (cf. CON: |no value reported|; |no operator selected|)
- 23 .habitatype-9180.xml (cf. CON: |no value reported|; |no operator selected|)
- 24 .habitatype-91D0.xml (cf. CON: |no value reported|; |no operator selected|)
- 25 .habitatype-91E0.xml (cf. CON: |no value reported|; |no operator selected|)

### 2.5.2 Favourable reference habitat area

*Issue 17700 Mandatory information missing, equal to 0, negative or not numeric. Any such values were not taken into account for the composite report*

- 1 .habitatype-3130.xml (cf. CON: |no value reported|; |no operator selected|)
- 2 .habitatype-3140.xml (cf. CON: |no value reported|; |no operator selected|)

- 3 .habitatype-3150.xml (cf. CON: |no value reported|; |no operator selected|)
- 4 .habitatype-3260.xml (cf. CON: |no value reported|; |no operator selected|)
- 5 .habitatype-5110.xml (cf. CON: |no value reported|; |no operator selected|)
- 6 .habitatype-6110.xml (cf. CON: |no value reported|; |no operator selected|)
- 7 .habitatype-6410.xml (cf. CON: |no value reported|; |no operator selected|)
- 8 .habitatype-6430.xml (cf. CON: |no value reported|; |no operator selected|)
- 9 .habitatype-7140.xml (cf. CON: |no value reported|; |no operator selected|)
- 10 .habitatype-7220.xml (cf. CON: |no value reported|; |no operator selected|)
- 11 .habitatype-7230.xml (cf. CON: |no value reported|; |no operator selected|)
- 12 .habitatype-8150.xml (cf. CON: |no value reported|; |no operator selected|)
- 13 .habitatype-8160.xml (cf. CON: |no value reported|; |no operator selected|)
- 14 .habitatype-8210.xml (cf. CON: |no value reported|; |no operator selected|)
- 15 .habitatype-8220.xml (cf. CON: |no value reported|; |no operator selected|)
- 16 .habitatype-8230.xml (cf. CON: |no value reported|; |no operator selected|)
- 17 .habitatype-8310.xml (cf. CON: |no value reported|; |no operator selected|)
- 18 .habitatype-9130.xml (cf. CON: |no value reported|; |no operator selected|)
- 19 .habitatype-9160.xml (cf. CON: |no value reported|; |no operator selected|)
- 20 .habitatype-91D0.xml (cf. CON: |no value reported|; |no operator selected|)

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

### 0. General issues

#### *Issue 6950 Species range map not provided*

- 1 .species-barbastella-barbastellus.xml (cf. FILE: |map not provided|)

#### *Issue 6970 One or several maps reported for this habitat type but no XML data file provided*

- 1 .map-distribution-spec-cornu-aspersum.gml (cf. FILE: |coresponding XML file missing|)
- 2 .map-range-spec-cornu-aspersum.gml (cf. FILE: |coresponding XML file missing|)

#### *Issue 7200 Species name not within species listed in Annex II, IV or V of the Habitat Directive, including their known synonyms, or probably misspelt*

- 1 .species-helix-aspersa.xml (cf. SPEC: Helix aspersa) (not a Habitat Directive species)

### 1.1 Map of Species range

#### *Issue 7205 GML file with incorrect structure or empty file*

- 1 .map-range-spec-astacus-astacus.gml (cf. MAP: )
- 2 .map-range-spec-lopinga-achine.gml (cf. MAP: )

### 1.2 Map of Species distribution

#### *Issue 7230 GML file with incorrect structure or empty file*

- 1 .map-distribution-spec-astacus-astacus.gml (cf. MAP: )
- 2 .map-distribution-spec-lopinga-achine.gml (cf. MAP: )

### 2.3.1 Surface range of the species



*Issue 7500 Mandatory information missing, equal to 0, negative or not numeric. Any such values were not taken into account for the composite report*

- 1 .species-barbastella-barbastellus.xml (cf. CON: 0)

#### 2.3.4 Species range trend

*Issue 8200 Mandatory information missing or values not within ["+", "-", "=", "X"]. Any other values were not taken into account for the composite report*

- 1 .species-barbastella-barbastellus.xml (cf. CON: |no value reported|)
- 2 .species-salmo-salar.xml (cf. CON: |no value reported|)

#### 2.4.1 Species population size estimation

*Issue 8800 Mandatory information missing, equal to 0, negative or not numeric, or minimum value larger than the maximum value. Any such values were not taken into account for the composite report*

- 1 .species-barbastella-barbastellus.xml (cf. CON: Min: 0 / Max: |no value reported|)

#### 2.4.5 Species population trend

*Issue 9820 Mandatory information missing or values not within ["+", "-", "=", "X"]. Any other values were not taken into account for the composite report*

- 1 .species-barbastella-barbastellus.xml (cf. CON: |no value reported|)
- 2 .species-salmo-salar.xml (cf. CON: |no value reported|)

#### 2.5.2 Species habitat area estimation

*Issue 11150 Mandatory information missing, equal to 0, negative or not numeric. Any such values were not taken into account for the composite report*

- 1 .species-barbastella-barbastellus.xml (cf. CON: 0)
- 2 .species-callimorpha-quadripunctaria.xml (cf. CON: |no value reported|)
- 3 .species-coronella-austriaca.xml (cf. CON: |no value reported|)
- 4 .species-helix-pomatia.xml (cf. CON: |no value reported|)
- 5 .species-lacerta-agilis.xml (cf. CON: |no value reported|)
- 6 .species-leucobryum-glaucum.xml (cf. CON: |no value reported|)
- 7 .species-lycaena-dispar.xml (cf. CON: |no value reported|)
- 8 .species-lycopodium-annotinum.xml (cf. CON: |no value reported|)
- 9 .species-podarcis-muralis.xml (cf. CON: |no value reported|)
- 10 .species-proserpinus-proserpina.xml (cf. CON: |no value reported|)

#### 2.5.3 Species habitat area date of estimation

*Issue 11450 Mandatory information missing or value not in line with rules [MM/YYYY, YYYY or YYYY-YYYY where YYYY between (1900-2006) and MM between (01-12)]*

- 1 .species-callimorpha-quadripunctaria.xml (cf. CON: |no value reported|)
- 2 .species-coronella-austriaca.xml (cf. CON: |no value reported|)
- 3 .species-helix-pomatia.xml (cf. CON: |no value reported|)
- 4 .species-lacerta-agilis.xml (cf. CON: |no value reported|)
- 5 .species-leucobryum-glaucum.xml (cf. CON: |no value reported|)
- 6 .species-lycaena-dispar.xml (cf. CON: |no value reported|)
- 7 .species-lycopodium-annotinum.xml (cf. CON: |no value reported|)

- 8 . species-podarcis-muralis.xml (cf. CON: |no value reported|)
- 9 . species-proserpinus-proserpina.xml (cf. CON: |no value reported|)

#### 2.5.4 Quality of the data concerning species habitat area

*Issue 11550 Mandatory information missing or values not within ["good", "moderate", "poor"]. Any other values were not taken into account for the composite report*

- 1 . species-callimorpha-quadrupunctaria.xml (cf. CON: |no value reported|)
- 2 . species-coronella-austriaca.xml (cf. CON: |no value reported|)
- 3 . species-helix-pomatia.xml (cf. CON: |no value reported|)
- 4 . species-lacerta-agilis.xml (cf. CON: |no value reported|)
- 5 . species-leucobryum-glaucum.xml (cf. CON: |no value reported|)
- 6 . species-lycaena-dispar.xml (cf. CON: |no value reported|)
- 7 . species-lycopodium-annotinum.xml (cf. CON: |no value reported|)
- 8 . species-podarcis-muralis.xml (cf. CON: |no value reported|)
- 9 . species-proserpinus-proserpina.xml (cf. CON: |no value reported|)

#### 2.5.5 Species habitat area trend

*Issue 11650 Mandatory information missing or values not within ["+", "-", "=", "X"]. Any other values were not taken into account for the composite report*

- 1 . species-barbastella-barbastellus.xml (cf. CON: |no value reported|)
- 2 . species-lycopodium-annotinum.xml (cf. CON: |no value reported|)
- 3 . species-muscardinus-avellanarius.xml (cf. CON: |no value reported|)

#### 2.5.6 Species habitat area trend period

*Issue 11750 Mandatory information missing or value not in line with rules [YYYY or YYYY-YYYY where YYYY between (1900-2006)]*

- 1 . species-leucobryum-glaucum.xml (cf. CON: |no value reported|)
- 2 . species-lycopodium-annotinum.xml (cf. CON: |no value reported|)
- 3 . species-muscardinus-avellanarius.xml (cf. CON: |no value reported|)

#### 2.7.1 Favourable reference species range

*Issue 12400 Mandatory information missing, equal to 0, negative or not numeric. Any such values were not taken into account for the composite report*

- 1 . species-austropotamobius-torrentium.xml (cf. CON: |no value reported|; |no operator selected|)
- 2 . species-lycopodium-annotinum.xml (cf. CON: |no value reported|; |no operator selected|)

#### 2.7.2 Favourable reference species population

*Issue 12700 Mandatory information missing, equal to 0, negative or not numeric. Any such values were not taken into account for the composite report*

- 1 . species-alytes-obstetricans.xml (cf. CON: |no value reported|; |no operator selected|)
- 2 . species-austropotamobius-torrentium.xml (cf. CON: |no value reported|; |no operator selected|)
- 3 . species-barbastella-barbastellus.xml (cf. CON: |no value reported|; |no operator selected|)
- 4 . species-bombina-variegata.xml (cf. CON: |no value reported|; |no operator selected|)
- 5 . species-callimorpha-quadrupunctaria.xml (cf. CON: |no value reported|; |no operator selected|)
- 6 . species-coronella-austriaca.xml (cf. CON: |no value reported|; |no operator selected|)

- 7 . species-dicranum-viride.xml (cf. CON: |no value reported|; |no operator selected|)
- 8 . species-eptesicus-nilssoni.xml (cf. CON: |no value reported|; |no operator selected|)
- 9 . species-euphydryas-aurinia.xml (cf. CON: |no value reported|; |no operator selected|)
- 10 . species-helix-pomatia.xml (cf. CON: |no value reported|; |no operator selected|)
- 11 . species-hirudo-medicinalis.xml (cf. CON: |no value reported|; |no operator selected|)
- 12 . species-hyla-arborea.xml (cf. CON: |no value reported|; |no operator selected|)
- 13 . species-lacerta-agilis.xml (cf. CON: |no value reported|; |no operator selected|)
- 14 . species-leucobryum-glaucum.xml (cf. CON: |no value reported|; |no operator selected|)
- 15 . species-lycaena-dispar.xml (cf. CON: |no value reported|; |no operator selected|)
- 16 . species-lycopodium-annotinum.xml (cf. CON: |no value reported|; |no operator selected|)
- 17 . species-maculinea-arion.xml (cf. CON: |no value reported|; |no operator selected|)
- 18 . species-myotis-brandtii.xml (cf. CON: |no value reported|; |no operator selected|)
- 19 . species-myotis-emarginatus.xml (cf. CON: |no value reported|; |no operator selected|)
- 20 . species-myotis-mystacinus.xml (cf. CON: |no value reported|; |no operator selected|)
- 21 . species-myotis-nattereri.xml (cf. CON: |no value reported|; |no operator selected|)
- 22 . species-nyctalus-leisleri.xml (cf. CON: |no value reported|; |no operator selected|)
- 23 . species-nyctalus-noctula.xml (cf. CON: |no value reported|; |no operator selected|)
- 24 . species-pipistrellus-nathusii.xml (cf. CON: |no value reported|; |no operator selected|)
- 25 . species-plecotus-austriacus.xml (cf. CON: |no value reported|; |no operator selected|)
- 26 . species-proserpinus-proserpina.xml (cf. CON: |no value reported|; |no operator selected|)
- 27 . species-rana-esculenta.xml (cf. CON: |no value reported|; |no operator selected|)
- 28 . species-rana-temporaria.xml (cf. CON: |no value reported|; |no operator selected|)
- 29 . species-rhinolophus-ferrumequinum.xml (cf. CON: |no value reported|; |no operator selected|)
- 30 . species-salmo-salar.xml (cf. CON: |no value reported|; |no operator selected|)
- 31 . species-triturus-cristatus.xml (cf. CON: |no value reported|; |no operator selected|)

### 2.7.3 Suitable habitat for the species

*Issue 12900 Mandatory information missing, equal to 0, negative or not numeric. Any such values were not taken into account for the composite report*

- 1 . species-alytes-obstetricans.xml (cf. CON: |no value reported|)
- 2 . species-austropotamobius-torrentium.xml (cf. CON: |no value reported|)
- 3 . species-barbastella-barbastellus.xml (cf. CON: |no value reported|)
- 4 . species-bombina-variegata.xml (cf. CON: |no value reported|)
- 5 . species-bufo-calamita.xml (cf. CON: |no value reported|)
- 6 . species-callimorpha-quadrupunctaria.xml (cf. CON: |no value reported|)
- 7 . species-coenagrion-mercuriale.xml (cf. CON: |no value reported|)
- 8 . species-coronella-austriaca.xml (cf. CON: |no value reported|)
- 9 . species-dicranum-viride.xml (cf. CON: |no value reported|)
- 10 . species-eptesicus-nilssoni.xml (cf. CON: |no value reported|)

- 11 .species-eptesticus-serotinus.xml (cf. CON: |no value reported|)
- 12 .species-euphydryas-aurinia.xml (cf. CON: |no value reported|)
- 13 .species-helix-pomatia.xml (cf. CON: |no value reported|)
- 14 .species-hirudo-medicinalis.xml (cf. CON: |no value reported|)
- 15 .species-hyla-arborea.xml (cf. CON: |no value reported|)
- 16 .species-lacerta-agilis.xml (cf. CON: |no value reported|)
- 17 .species-leucobryum-glaucum.xml (cf. CON: |no value reported|)
- 18 .species-leucorrhinia-caudalis.xml (cf. CON: |no value reported|)
- 19 .species-lutra-lutra.xml (cf. CON: |no value reported|)
- 20 .species-lycaena-dispar.xml (cf. CON: |no value reported|)
- 21 .species-lycopodium-annotinum.xml (cf. CON: |no value reported|)
- 22 .species-maculinea-arion.xml (cf. CON: |no value reported|)
- 23 .species-margaritifera-margaritifera.xml (cf. CON: |no value reported|)
- 24 .species-muscardinus-avellanarius.xml (cf. CON: |no value reported|)
- 25 .species-mustela-putorius.xml (cf. CON: |no value reported|)
- 26 .species-myotis-bechsteini.xml (cf. CON: |no value reported|)
- 27 .species-myotis-brandtii.xml (cf. CON: |no value reported|)
- 28 .species-myotis-daubentonii.xml (cf. CON: |no value reported|)
- 29 .species-myotis-emarginatus.xml (cf. CON: |no value reported|)
- 30 .species-myotis-myotis.xml (cf. CON: |no value reported|)
- 31 .species-myotis-mystacinus.xml (cf. CON: |no value reported|)
- 32 .species-myotis-nattereri.xml (cf. CON: |no value reported|)
- 33 .species-nyctalus-leisleri.xml (cf. CON: |no value reported|)
- 34 .species-nyctalus-noctula.xml (cf. CON: |no value reported|)
- 35 .species-pipistrellus-nathusii.xml (cf. CON: |no value reported|)
- 36 .species-plecotus-austriacus.xml (cf. CON: |no value reported|)
- 37 .species-podarcis-muralis.xml (cf. CON: |no value reported|)
- 38 .species-proserpinus-proserpina.xml (cf. CON: |no value reported|)
- 39 .species-rana-esculenta.xml (cf. CON: |no value reported|)
- 40 .species-rhinolophus-ferrumequinum.xml (cf. CON: |no value reported|)
- 41 .species-salmo-salar.xml (cf. CON: |no value reported|)
- 42 .species-trichomanes-speciosum.xml (cf. CON: |no value reported|)
- 43 .species-triturus-cristatus.xml (cf. CON: |no value reported|)
- 44 .species-unio-crassus.xml (cf. CON: |no value reported|)

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

## 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-4030.gml (cf. MAP: LU0001011)
- 2 .map-range-5130.gml (cf. MAP: LU0001014, LU0001018)
- 3 .map-range-6210.gml (cf. MAP: LU0001002)
- 4 .map-range-6230.gml (cf. MAP: LU0001010)
- 5 .map-range-6410.gml (cf. MAP: LU0001026, LU0001027, LU0001054, LU0001055)
- 6 .map-range-7220.gml (cf. MAP: LU0001028)
- 7 .map-range-8220.gml (cf. MAP: LU0001011)
- 8 .map-range-8230.gml (cf. MAP: LU0001011)
- 9 .map-range-9110.gml (cf. MAP: LU0001030, LU0001054, LU0001070)
- 10 .map-range-9150.gml (cf. MAP: LU0001011, LU0001018, LU0001020, LU0001028, LU0001029, LU0001032)
- 11 .map-range-9160.gml (cf. MAP: LU0001005)
- 12 .map-range-9180.gml (cf. MAP: LU0001024, LU0001029, LU0001030, LU0001031, LU0001032)
- 13 .map-range-91D0.gml (cf. MAP: LU0001033)

## 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-4030.gml (cf. MAP: LU0001011)
- 2 .map-distribution-5130.gml (cf. MAP: LU0001014)
- 3 .map-distribution-6210.gml (cf. MAP: LU0001002, LU0001006, LU0001014)
- 4 .map-distribution-6230.gml (cf. MAP: LU0001010)
- 5 .map-distribution-6410.gml (cf. MAP: LU0001002, LU0001006, LU0001010, LU0001018, LU0001026, LU0001027, LU0001038, LU0001042, LU0001054, LU0001055)
- 6 .map-distribution-7140.gml (cf. MAP: LU0001013, LU0001020)
- 7 .map-distribution-7220.gml (cf. MAP: LU0001028)
- 8 .map-distribution-9110.gml (cf. MAP: LU0001030, LU0001054, LU0001070)
- 9 .map-distribution-9150.gml (cf. MAP: LU0001011, LU0001018, LU0001020, LU0001024, LU0001028, LU0001029, LU0001032)
- 10 .map-distribution-9160.gml (cf. MAP: LU0001005, LU0001006)
- 11 .map-distribution-9180.gml (cf. MAP: LU0001005, LU0001013, LU0001014, LU0001020, LU0001022, LU0001024, LU0001029, LU0001030, LU0001031, LU0001032)
- 12 .map-distribution-91D0.gml (cf. MAP: LU0001010, LU0001014, LU0001022, LU0001033)

### 2.3.1 Surface range of the habitat

*Issue 14350 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 .habitattype-5110.xml (cf. CON: reported value: 1; computed surface area from maps between: 0.2 - 0.2)

- 2 . habitatype-8310.xml (cf. CON: reported value: 2500; computed surface area from maps between: 2256.8 - 2256.8)

## 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-austropotamobius-torrentium.xml (cf. CON: |species not expected in biogeographical region|) (not mentioned in any site in LU, species added to the annex II in 2004)
- 2 . species-castor-fiber.xml (cf. CON: |species not expected in biogeographical region|) (not mentioned in any site in LU)
- 3 . species-coenagrion-mercuriale.xml (cf. CON: |species not expected in biogeographical region|) (not mentioned in any site in LU)

### 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-euphydryas-aurinia.gml (cf. MAP: LU0001006)
- 2 . map-range-spec-lutra-lutra.gml (cf. MAP: LU0001002, LU0001005, LU0001008, LU0001013, LU0001051)
- 3 . map-range-spec-myotis-bechsteinii.gml (cf. MAP: LU0001028, LU0001037)
- 4 . map-range-spec-myotis-emarginatus.gml (cf. MAP: LU0001028, LU0001030, LU0001037)
- 5 . map-range-spec-myotis-myotis.gml (cf. MAP: LU0001028, LU0001035)
- 6 . map-range-spec-salmo-salar.gml (cf. MAP: LU0001011, LU0001017)

### 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-bombina-variegata.gml (cf. MAP: LU0001031)
- 2 . map-distribution-spec-callimorpha-quadrupunctaria.gml (cf. MAP: LU0001002)
- 3 . map-distribution-spec-euphydryas-aurinia.gml (cf. MAP: LU0001006, LU0001013)
- 4 . map-distribution-spec-lutra-lutra.gml (cf. MAP: LU0001002, LU0001005, LU0001008, LU0001051)
- 5 . map-distribution-spec-lycaena-dispar.gml (cf. MAP: LU0001045)
- 6 . map-distribution-spec-myotis-bechsteinii.gml (cf. MAP: LU0001037)
- 7 . map-distribution-spec-myotis-emarginatus.gml (cf. MAP: LU0001016)
- 8 . map-distribution-spec-myotis-myotis.gml (cf. MAP: LU0001035, LU0001037)
- 9 . map-distribution-spec-salmo-salar.gml (cf. MAP: LU0001011, LU0001017)
- 10 . map-distribution-spec-triturus-cristatus.gml (cf. MAP: LU0001026, LU0001066)

### 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-austropotamobius-torrentium.xml (cf. CON: reported value: 1; computed surface area from maps between: 0 - 0)
- 2 . species-coenagrion-mercuriale.xml (cf. CON: reported value: 1; computed surface area from maps between: 0 - 0)
- 3 . species-helix-aspersa.xml (cf. CON: reported value: 1; computed surface area from maps between: 0.1 - 0.1)
- 4 . species-hirudo-medicinalis.xml (cf. CON: reported value: 1; computed surface area from maps between: 0 - 0)
- 5 . species-leucorrhinia-caudalis.xml (cf. CON: reported value: 2; computed surface area from maps between: 0 - 0)
- 6 . species-lycopodium-annotinum.xml (cf. CON: reported value: 50; computed surface area from maps between: 0 - 0)
- 7 . species-margaritifera-margaritifera.xml (cf. CON: reported value: 0.3; computed surface area from maps between: 0.3 - 0.3)
- 8 . species-nyctalus-noctula.xml (cf. CON: reported value: 2097; computed surface area from maps between: 2332.6 - 2332.6)

## Spatial Data not compliant with QA/QC procedures

	<i>Errors</i>	<i>Missing</i>	<i>Incoherent</i>
1 map-distribution-4030.gml			1
2 map-distribution-5130.gml			1
3 map-distribution-6210.gml			1
4 map-distribution-6230.gml			1
5 map-distribution-6410.gml			1
6 map-distribution-7140.gml			1
7 map-distribution-7220.gml			1
8 map-distribution-9110.gml			1
9 map-distribution-9150.gml			1
10 map-distribution-9160.gml			1
11 map-distribution-9180.gml			1
12 map-distribution-91D0.gml			1
13 map-distribution-spec-astacus-astacus.gml		1	
14 map-distribution-spec-bombina-variegata.gml			1
15 map-distribution-spec-callimorpha-quadripunctaria.gml			1
16 map-distribution-spec-cornu-aspersum.gml		1	
17 map-distribution-spec-epesicus-serotinus.gml	1		
18 map-distribution-spec-euphydryas-aurinia.gml			1
19 map-distribution-spec-felis-silvestris.gml	1		
20 map-distribution-spec-lampetra-planeri.gml	1		
21 map-distribution-spec-lopinga-achine.gml		1	
22 map-distribution-spec-lutra-lutra.gml	1		1
23 map-distribution-spec-lycaena-dispar.gml			1
24 map-distribution-spec-martes-martes.gml	1		
25 map-distribution-spec-muscardinus-avellanarius.gml	1		
26 map-distribution-spec-mustela-putorius.gml	1		
27 map-distribution-spec-myotis-bechsteini.gml	1		
28 map-distribution-spec-myotis-bechsteinii.gml			1
29 map-distribution-spec-myotis-brandtii.gml	1		
30 map-distribution-spec-myotis-daubentonii.gml	1		
31 map-distribution-spec-myotis-emarginatus.gml	1		1
32 map-distribution-spec-myotis-myotis.gml	1		1
33 map-distribution-spec-myotis-mystacinus.gml	1		
34 map-distribution-spec-myotis-nattereri.gml	1		
35 map-distribution-spec-nyctalus-noctula.gml	1		
36 map-distribution-spec-pipistrellus-pipistrellus.gml	1		
37 map-distribution-spec-plecotus-auritus.gml	1		
38 map-distribution-spec-plecotus-austriacus.gml	1		
39 map-distribution-spec-rhinolophus-ferrumequinum.gml	1		
40 map-distribution-spec-salmo-salar.gml			1
41 map-distribution-spec-thymallus-thymallus.gml	1		
42 map-distribution-spec-triturus-cristatus.gml			1
43 map-range-4030.gml			1
44 map-range-5130.gml			1
45 map-range-6210.gml			1
46 map-range-6230.gml			1
47 map-range-6410.gml			1
48 map-range-7220.gml			1
49 map-range-8220.gml			1



50	map-range-8230.gml			1
51	map-range-9110.gml			1
52	map-range-9150.gml			1
53	map-range-9160.gml			1
54	map-range-9180.gml			1
55	map-range-91D0.gml			1
56	map-range-spec-astacus-astacus.gml	1		
57	map-range-spec-cornu-aspersum.gml	1		
58	map-range-spec-euphydrias-aurinia.gml			1
59	map-range-spec-lopinga-achine.gml	1		
60	map-range-spec-lutra-lutra.gml			1
61	map-range-spec-myotis-bechsteinii.gml			1
62	map-range-spec-myotis-emarginatus.gml			1
63	map-range-spec-myotis-myotis.gml			1
64	map-range-spec-salmo-salar.gml			1
		<i>Errors</i>	<i>Missing</i>	<i>Incoherent</i>
<u>GML Total number of issues :</u>		<u>20</u>	<u>6</u>	<u>41</u>

## Non-spatial Data not compliant with QA/QC procedures

	<i>Errors</i>	<i>Missing</i>	<i>Incoherent</i>	<i>Not assessed</i>
1	general-report.xml			
2	habitatype-3130.xml	15		1
3	habitatype-3140.xml	15		1
4	habitatype-3150.xml	15		1
5	habitatype-3260.xml	15		1
6	habitatype-4030.xml	1		
7	habitatype-5110.xml	2	1	
8	habitatype-5130.xml	1	1	
9	habitatype-6110.xml	1	1	
10	habitatype-6210.xml		1	
11	habitatype-6230.xml	1	2	
12	habitatype-6410.xml		4	1
13	habitatype-6430.xml		15	1
14	habitatype-6510.xml		2	
15	habitatype-7140.xml		4	1
16	habitatype-7220.xml		9	
17	habitatype-7230.xml		4	1
18	habitatype-8150.xml		9	
19	habitatype-8160.xml		9	
20	habitatype-8210.xml		9	
21	habitatype-8220.xml		9	
22	habitatype-8230.xml		9	
23	habitatype-8310.xml		8	1
24	habitatype-9110.xml		1	
25	habitatype-9130.xml		2	
26	habitatype-9150.xml	2		
27	habitatype-9160.xml		2	
28	habitatype-9180.xml		1	
29	habitatype-91D0.xml		8	
30	habitatype-91E0.xml		1	

31	species-alytes-obstetricans.xml		2		
32	species-austropotamobius-torrentium.xml		3	2	
33	species-barbastella-barbastellus.xml		9		
34	species-barbus-barbus.xml	2			
35	species-bombina-variegata.xml		2		
36	species-bufo-calamita.xml		1		
37	species-callimorpha-quadrupunctaria.xml	1	5		
38	species-castor-fiber.xml			1	
39	species-cladonia-spp.-_subgenus-cladina_.xml	1			1
40	species-coenagrion-mercuriale.xml	1	1	2	
41	species-coronella-austriaca.xml		5		
42	species-cottus-gobio.xml	2			
43	species-dicranum-viride.xml	1	2		
44	species-eptesicus-nilssoni.xml		2		
45	species-eptesicus-serotinus.xml	2	1		
46	species-euphydrias-aurinia.xml		2		
47	species-helix-aspersa.xml		1	1	
48	species-helix-pomatia.xml		5		
49	species-hirudo-medicinalis.xml		2	1	
50	species-hyla-arborea.xml		2		
51	species-lacerta-agilis.xml		5		
52	species-lampetra-planeri.xml	2			
53	species-leucobryum-glaucum.xml	1	6		
54	species-leucorrhinia-caudalis.xml		1	1	
55	species-lutra-lutra.xml		1		
56	species-lycaena-dispar.xml		5		
57	species-lycopodium-annotinum.xml	1	8	1	
58	species-maculinea-arion.xml		2		
59	species-margaritifera-margaritifera.xml		1	1	
60	species-muscardinus-avellanarius.xml		3		1
61	species-mustela-putorius.xml	2	1		
62	species-myotis-bechsteini.xml	1	1		
63	species-myotis-brandtii.xml	1	2		
64	species-myotis-daubentonii.xml	2	1		
65	species-myotis-emarginatus.xml	1	2		
66	species-myotis-myotis.xml	1	1		
67	species-myotis-mystacinus.xml	1	2		
68	species-myotis-nattereri.xml		2		
69	species-nyctalus-leisleri.xml	1	2		
70	species-nyctalus-noctula.xml	1	2	1	
71	species-pipistrellus-nathusii.xml		2		
72	species-pipistrellus-pipistrellus.xml	2			
73	species-plecotus-auritus.xml	1			
74	species-plecotus-austriacus.xml		2		
75	species-podarcis-muralis.xml	1	4		
76	species-proserpinus-proserpina.xml		5		
77	species-rana-esculenta.xml		2		
78	species-rana-temporaria.xml		1		
79	species-rhinolophus-ferrumequinum.xml	1	2		
80	species-salmo-salar.xml		4		
81	species-sphagnum-spp..xml	1			

82	species-trichomanes-speciosum.xml	2	1		
83	species-triturus-cristatus.xml		2		
84	species-unio-crassus.xml		1		
	<b><u>XML Total number of issues :</u></b>	<b><u>39</u></b>	<b><u>292</u></b>	<b><u>13</u></b>	<b><u>10</u></b>