



Strasbourg, 31 October 2025

T-PVS/PA(2025)03

CONVENTION ON THE CONSERVATION OF EUROPEAN WILDLIFE
AND NATURAL HABITATS

Standing Committee

45th meeting

Strasbourg, 8 – 12 December 2025

**Final proposal for the new fields of the updated Emerald
Network Standard Data Form (SDF)**

*To replace the current appendix to Resolution No. 5(1998)
concerning the rules for the Network of Areas of Special
Conservation Interest (Emerald Network)*

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Final proposal for the new fields of the updated Emerald Network Standard Data Form (SDF)

Summary of discussions during the Group of Experts on Protected Areas and Ecological Networks

During the 15th meeting of GoEPAEN, the new and updated fields of the proposed Emerald Network SDF were reviewed individually, in order of their potential impact. The discussion began with changes expected to have a lower impact (i.e., requiring less effort from countries) and concluded with those of higher impact.

Special attention was given to fields that could serve as potential data sources for the indicators established to monitor the implementation of the Strategic Plan. Dave Pritchard, the expert responsible for indicator-related work within the Working Group overseeing the implementation of the Strategic Plan, clarified that the fields to be considered are as follows:

INDICATOR	FIELDS USED AS DATA SOURCES
1.3.b Proportion of adopted Emerald Network sites with implemented management plans	5.2 Management plans
	5.3 Conservation measures
	5.4 Management effectiveness
1.4 Contribution of the Emerald Network to the conservation status of habitats	3.1.12.1 Degree of conservation - categorised

Table 1. Fields of the proposed SDF to be used as data sources for indicators

Countries expressed concern about the new fields that would require the compilation of additional information, as well as about major modifications to existing fields that would involve significant effort to update. Following the discussion, it was proposed that all new fields be considered *optional*, except for those serving as data sources for the indicators or required for the sufficiency analysis.

Table 2. summarizes the new fields and provide explanation on their optional or compulsory nature:

COMPULSORY NEW FIELDS	OPTIONAL NEW FIELDS	EXPLANATIONS
	2.1.2 Reason for area difference with spatial dataset (if any)	Not directly used for sufficiency analysis nor indicators of the Strategic Plan.
	2.1.3 Reason for area difference - explanations	Not directly used for sufficiency analysis nor indicators of the Strategic Plan.
3.1.6 Method used for cover		Useful information for sufficiency assessment (data quality)
	3.1.7 Period of last data collection	Not directly used for sufficiency analysis nor indicators of the Strategic Plan.
	3.1.12.2 Degree of conservation – area	Not directly used for sufficiency analysis nor

COMPULSORY NEW FIELDS	OPTIONAL NEW FIELDS	EXPLANATIONS
		indicators of the Strategic Plan.
	3.1.12.3 Degree of conservation – method used	Not directly used for sufficiency analysis nor indicators of the Strategic Plan.
	3.1.13 Conservation objectives	Not directly used for sufficiency analysis nor indicators of the Strategic Plan.
	3.1.14 Conservation objectives - explanations	Not directly used for sufficiency analysis nor indicators of the Strategic Plan.
	3.1.16 Update date	Not directly used for sufficiency analysis nor indicators of the Strategic Plan.
3.2.9 Method used for population size		Useful information for sufficiency assessment (data quality)
	3.2.10 Period of last data collection	Not directly used for sufficiency analysis nor indicators of the Strategic Plan.
	3.2.15.3 Degree of conservation – occupied percentage classes	Not directly used for sufficiency analysis nor indicators of the Strategic Plan.
	3.2.16 Conservation objectives	Not directly used for sufficiency analysis nor indicators of the Strategic Plan.
	3.2.17 Conservation objectives - explanations	Not directly used for sufficiency analysis nor indicators of the Strategic Plan.
	4.3.4 Pressure further detailed	Not directly used for sufficiency analysis nor indicators of the Strategic Plan.
	4.3.5 Update date	Not directly used for sufficiency analysis nor indicators of the Strategic Plan.
	5.2.3 Further explanations	Not directly used for sufficiency analysis nor indicators of the Strategic Plan.
5.3.1 Detailed information on measures		Useful information for indicator 1.3.b
5.3.2 Status of conservation measures		Useful information for indicator 1.3.b
5.4 Management effectiveness		Useful information for indicator 1.3.b

Table 2. List of new fields considered as “compulsory” and “optional” in the proposed Emerald Network SDF

On top of the new fields Table 3 summarizes the updated fields. The content of fields: Non-Presence, Significance and Degree of conservation-categorized is already present in the current SDF. In the case of Non-Presence, the definition was improved and intends to clarify countries interpretation. Non-significant species or habitats are now to be reported in a new field but the content was already included in Representativity=D for habitats and Population=D for species, as a result, this field does not require an additional effort. The information required in the field Degree of conservation – categorised is already included in Degree of conservation (the field “Degree of Conservation” has been split in categorised, area and method used, nevertheless the pre-defined options in the field -categorised completely corresponds with the old concept of Degree of Conservation, remaining therefore compulsory).

Changes proposed for Relative Surface and Populations are useful for the sufficiency exercise, in spite of the additional effort required to the countries.

COMPULSORY UPDATED FIELDS	OPTIONAL UPDATED FIELDS	EXPLANATIONS
3.1.3 Non-Presence		Useful information for sufficiency assessment
3.2.5 Non-Presence		Useful information for sufficiency assessment
3.1.8 Significance		Useful information for sufficiency assessment. Content previously included under the field Representativity.
3.2.11 Significance		Useful information for sufficiency assessment. Content previously included under the field Population.
3.1.10 Relative surface		Useful information for sufficiency assessment
3.2.13 Population		Useful information for sufficiency assessment
3.1.12.1 Degree of conservation – categorised		This field corresponds with the field Degree of conservation. There are no changes in relation to the on-going SDF. Useful information for sufficiency assessment
3.2.15.1 Degree of conservation - categorised		This field corresponds with the field Degree of conservation. There are no changes in relation to the on-going SDF. Useful information for sufficiency assessment

Since most new fields were agreed to be optional, a transitional period of three years only apply to those new fields considered as “compulsory”. Those are:

- 3.1.6 Method used for cover,
- 3.2.9 Method used for population size,
- 5.3.1 Detailed information on measures,
- 5.3.2 Status of conservation measures and
- 5.4 Management effectiveness.

Similarly, the three-year period also applies to updated fields demanding additional efforts.

Those are:

- 3.1.3 Non-Presence
- 3.2.5 Non-Presence

- 3.1.8 Significance
- 3.2.11 Significance
- 3.1.10 Relative surface
- 3.2.13 Population

These fields may remain blank until 2030 but they can be fulfilled earlier if the country decides so. After 2030 validation rules will be updated for the new compulsory fields.

Fields Method used for calculating the surface area of Resolution No. 4 habitat and Method used for calculating the population of Resolution No. 6 species replace the former “data quality” field. This modification aligns the SDF with the methods proposed in Resolution No. 8 and provides more reliable information on data accuracy.

Fields 5.3.1 Detailed information on measures, 5.3.2 Status of conservation measures, 5.4 Management effectiveness serve as data source for indicator 1.4 (see table 1) and inform on Phase III of the Emerald Network.

In addition to the new fields, the discussion also addressed existing fields with modified definitions, namely:

3.1.8 Significance: previously, “D” categories (e.g., species with population “D – occasional” or habitats with “D – insignificant representativity”) were included under the Representativity of Population fields. In the revised structure, field 3.1.9 Representativity no longer allows the reporting of insignificant presence. The new field 3.1.8 Significance has therefore been created to capture cases where habitat types occur but are of non-significant importance. For species, D population is no longer allowed and occasional species will be reported in the field 3.2.11 Significance. The effort required to transfer these “D” habitats or species into the new *Significance* field is presented by country in Table 3.

3.1.3 Non-Presence (for habitats and for species): this field has improved, and the country needs to indicate if the species or habitat is no longer present on the site or it has never occurred on the site but its re-establishment is planned.

3.1.10 Relative surface and 3.2.13 Population: the A relative surface has been split into four intervals because in the past it was rather large (between 100%-15% of the national area of the habitat). The A1, A2, A3 and A4 are addressed to provide more precise data. Although this change was met with criticism, these two fields are essential for sufficiency analysis and therefore cannot be designated as optional. Countries are required to provide this information. The table below indicates the proportion of sites with A population of Resolution No. 6 species and A relative surface of Resolution No.4 habitat types, illustrating the expected level of effort for the revision of these A cases.

C P	TOTAL REGISTER OF SP	A	PROPORTION OF A POP	D	PROPORTION OF D POP	TOTAL REGISTER OF HABITAT	A	PROPORTION OF A RELATIVE SURFACE	D	PROPORTION OF D PRESENCE
A D	24	1	4.17	0	0.00	31	5	16.13	0	0.00
AL	1651	124	7.51	504	30.53	89	7	7.87	0	0.00
AM	965	341	35.34	55	5.70	528	47	8.90	0	0.00
AZ	1194	39	3.27	70	5.86	47	6	12.77	0	0.00
BA	467	0	0.00	16	3.43	121	1	0.83	0	0.00
CH	1701	48	2.82	950	55.85	374	3	0.80	150	40.11
GE	3045	227	7.45	24	0.79	409	33	8.07	0	0.00
IS	11	5	45.45	2	18.18	63	6	9.52	0	0.00
LI	27	21	77.78	0	0.00	10	6	60.00	0	0.00
MD	1233	88	7.14	3	0.24	230	0	0.00	0	0.00
ME	337	0	0.00	20	5.93	192	5	2.60	8	4.17
MK	1605	176	10.97	473	29.47	125	5	4.00	0	0.00
NO	6291	45	0.72	695	11.05	1068	38	3.56	9	0.84
RS	1919	118	6.15	578	30.12	556	13	2.34	56	10.07
UA	18566	425	2.29	484	26.09	5143	85	1.65	0	0.00
UK	1579	164	10.39	455	28.82	2766	62	2.24	74	26.75

Table 4. Proportion of habitats and species with A and D relative surface and population by country (Source: Emerald database 2024)

Pressures on the site: some new fields were added to this section (proposed as optional). Nevertheless, although 4.3.1 Pressures, 4.3.2 Rank and 4.3.3 Location inside/outside are already present in the current SDF, there will be a new list of pressure like the list used in the context of the reporting under Resolution No.8 (2012). Consequently, countries will need to revise these fields (especially 4.3.1). To help countries in this task, a table with crosswalks between the present list and the new list of pressures will be created and saved in the Emerald Reference Portal. As for other compulsory fields with changes, a transition period of 3 years (until 2030) is foreseen.

Eventually, the proposal of Switzerland of adding “other instruments” to the name of the field 5.2 is noted down and will be discussed with IT developers. If technically possible, field 5.2 will be named as *Management plans or other management instruments*, and the guidelines for filling the SDF will reflect it.

The SDF in the annex shows the fields proposed as optional with the indication **optional** in red.

ANNEX

PROPOSED REVISED EMERALD NETWORK STANDARD DATA FORM

This proposed Standard Data Form has six main sections as shown below. Explanatory notes and guidelines to fill the fields will be provided in the near future once an agreement is reached. For the new or revised data fields reference can be made to the guidelines of the revised Natura 2000 Standard Data Form, knowing that they will need to be revised according to the insight of the Group of Experts on Protected Areas and Ecological Networks and the decision of the Standing Committee.

Background colors represent the status of the data field between former and the proposed revised SDF:

	New additional field
	Data field of the Natura 2000 Standard Data Form which is not applicable for the Emerald Network
	Existing data field with modified definitions

Main sections of the Standard Data Form

1. Site identification	To be filled for each site
2. Site area and location	
3. Ecological information	
3.1 Habitat types	To be filled for each Resolution No. 4 (1996) habitat type present on the site
3.2 Species	To be filled for each Resolution No. 6 (1998) species present on the site
3.3 Other species	Optional
4. Site description	To be filled for each site
5. Site management	
6. Geospatial representation	

DATA FIELDS OF THE PROPOSED EMERALD STANDARD DATA FORM

1. Site Identification	n
1.1 Site type	Pre-defined options: <input type="checkbox"/> A: site only important for Birds <input type="checkbox"/> B: site important for habitats and non-avian species <input type="checkbox"/> C: site important for birds, non-avian species and/or habitats

1.2 Site code	Stable unique code
1.3 Site name	Name of the site in Latin alphabet
1.3.1 Site name non-Latin alphabet (optional)	Name of the site in non-Latin alphabet
1.4 Respondent	
1.4.1 Name of the organisation	Free text and language tag
1.4.2 Contact point in the organisation (optional)	Part of the organisation responsible for the compilation of data in the SDF
1.4.3 Postal address	Free text and language tag
1.4.4 Functional mailbox email address	Functional Email address of functional mailbox, not personal
1.4.5 Website with contact information	Website containing the official contact information of the organisation
1.5 Site classification/proposal/designation dates	
1.5.1 DATE SITE PROPOSED AS ASCI (Emerald):	Date
1.5.2 DATE SITE ACCEPTED AS CANDIDATE ASCI (Emerald):	Date
1.5.3 DATE SITE ACCEPTED AS ASCI (Emerald):	Date
1.5.4 DATE SITE DESIGNATED AS ADOPTED ASCI (Emerald):	Date
1.5.5 National legal reference of ASCI designation:	Free text and language tag; explanations can be given, e.g. for classification or designation dates of sites
1.5.6 Explanations (optional)	Free text and language tag; explanations can be given
1.5.7 Emerald Site Status	Extra field not to be filled by the countries. It will be automatically included during the creation of a new Emerald Network Release <input type="checkbox"/> Proposed <input type="checkbox"/> Candidate <input type="checkbox"/> Adopted

2. Site area and location

2.1 Site area	
2.1.1 Area	Area of the site in hectares

2.1.2 Reason for area difference with spatial dataset (if any) Optional	Pre-defined options: <input type="checkbox"/> Cliff or steep area <input type="checkbox"/> Cave <input type="checkbox"/> Projection to ETRS89 <input type="checkbox"/> Other - the spatial representation does not correspond to the area size in field 2.1.1 for other reasons. Give explanation in field 2.1.3
2.1.3 Reason for area difference – explanations Optional	Free text field and language tag. It must be filled if ‘Other’ is indicated in field 2.1.2.
2.2 Administrative region (optional)	
2.2.1 Administrative region code	Code from NUTS code-list (see Emerald Network reference portal)
2.2.2 Administrative region name	Name from NUTS code-list (see Emerald Network reference portal)
2.3 Biogeographical and marine regions	
2.3.1 Region code	Code-list for biogeographical and marine regions (see Emerald Network reference portal)
2.3.2 Percentage	For sites located across two or more regions, give the percentage coverage in each of these regions

3. Ecological information

3.1 Habitat types of the Annex to Resolution No. 4 (1996)

3.1.a Essential information (habitat type)	
3.1.1 Habitat type code	Fill in according to code-list for Resolution No. 4 (1996) habitat types (see Emerald Network reference portal)
3.1.2 Priority form Not applicable for the Emerald Network	Indicate if the habitat type is a priority form of 6210, 7130 or 9430
3.1.3 Non-presence	Pre-defined options: <input type="checkbox"/> the habitat is no longer present in the site <input type="checkbox"/> the habitat type is not present and was not present at the time of designation but its re-establishment is planned. Only the fields 3.1.1 (Habitat code), 3.1.6 (Method used), 3.1.7 (Period of last data collection), 3.1.13 (Conservation objectives), 3.1.16 (Update date) need to be filled. The field 3.1.4 (Cover) must be 0 (zero). The other fields of section 3.1 should be left blank.
3.1.4 Cover	Cover of the habitat type in hectares

3.1.5 Caves	Number of caves (included in habitat type codes H1 and A1.44, A3 and A4.)
3.1.6 Method used for cover	Pre-defined options: <input type="checkbox"/> complete survey or a statistically robust estimate; <input type="checkbox"/> based mainly on extrapolation from a limited amount of data; <input type="checkbox"/> based mainly on expert opinion with very limited data.
3.1.7 Period of last data collection Optional	Start date and end date of the period (month and year); if such information is unknown indicate 'survey older than 2022'.
3.1.b Site assessment (habitat type)	
3.1.8 Significance	Indicate if habitat type occurrence is non-significant; For significant occurrences all fields of section 3.1.b must be filled whereas for non-significant occurrences only the fields 3.1.8 (Significance) and 3.1.16 (Update date) of section 3.1.b have to be filled.
3.1.9 Representativity	Pre-defined options: <input type="checkbox"/> A: excellent representativity <input type="checkbox"/> B: good representativity <input type="checkbox"/> C: significant representativity
3.1.10 Relative surface	Pre-defined options: <input type="checkbox"/> A1: $100\% \geq p > 75\%$ <input type="checkbox"/> A2: $75\% \geq p > 50\%$ <input type="checkbox"/> A3: $50\% \geq p > 25\%$ <input type="checkbox"/> A4: $25\% \geq p > 15\%$ <input type="checkbox"/> B: $15\% \geq p > 2\%$ <input type="checkbox"/> C: $2\% \geq p > 0\%$
3.1.11 Relative surface explanations (optional)	Free text and language tag
3.1.12 Degree of conservation	
3.1.12.1 Degree of conservation – categorised	Pre-defined options: <input type="checkbox"/> A: excellent degree of conservation (nearly all of the habitat area in good condition) <input type="checkbox"/> B: good degree of conservation (most of the habitat area in good condition) <input type="checkbox"/> C: reduced degree of conservation (most of the habitat area in not in good condition) <input type="checkbox"/> X: unknown degree of conservation (most or all of the habitat area in unknown condition)

<p>3.1.12.2 Degree of conservation – area Optional</p>	<p>Give the area in hectares for each of the categories:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Good condition: ...[ha] <input type="checkbox"/> Not-good condition: ...[ha] <input type="checkbox"/> Unknown condition: ...[ha]
<p>3.1.12.3 Degree of conservation – method used Optional</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Complete survey or statistically robust estimate in hectares (for example taken from mapping in management plans) <input type="checkbox"/> Based mainly on extrapolation from a limited amount of data (expert judgement) <input type="checkbox"/> Based mainly on expert opinion with very limited data (based on partial mapping data) <input type="checkbox"/> Insufficient or no data available
<p>3.1.13 Conservation objectives Optional</p>	<p>Pre-defined options:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Prevent deterioration <input type="checkbox"/> Maintain the habitat type’s surface area and its good condition <input type="checkbox"/> Enlarge the area of the habitat type <input type="checkbox"/> Improve the habitat type condition <input type="checkbox"/> Re-establish the habitat type <input type="checkbox"/> Other
<p>3.1.14 Conservation objectives – explanations Optional</p>	<p>Free text and language tag</p>
<p>3.1.15 Global</p>	<p>Pre-defined options:</p> <ul style="list-style-type: none"> <input type="checkbox"/> A: excellent value <input type="checkbox"/> B: good value <input type="checkbox"/> C: significant value
<p>3.1.16 Update date Optional</p>	<p>Year and month</p>

3.2 Species referred to in Resolution No. 6 (1998)

<p>3.2a Essential information (species)</p>	
<p>3.2.1 Species group</p>	<p>Code-list (see Emerald Network reference portal)</p>
<p>3.2.2 Species code</p>	<p>Code-list (see Emerald Network reference portal)</p>
<p>3.2.3 Scientific name</p>	<p>Species name from the relevant code-list on the reference portal that corresponds to the code used in 3.2.2</p>

3.2.4 Sensitivity of species data	Indicate in case of sensitive species data
3.2.5 Non-presence	<p>Pre-defined options:</p> <ul style="list-style-type: none"> <input type="checkbox"/> the species is no longer present in the site <input type="checkbox"/> the species is not present and was not present at the time of designation but it's re-establishment is planned. <p>Following fields need to be filled: 3.2.1 to 3.2.5, 3.2.9 (method used), 3.2.10 (period of last data collection) and 3.2.16 (conservation objectives). The field 3.2.7.1 population size minimum and maximum need both to be 0 (zero). The other fields of the section 3.2 should be left blank.</p>
3.2.6 Population type	<p>Pre-defined options:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Permanent <input type="checkbox"/> Reproducing <input type="checkbox"/> Concentration <input type="checkbox"/> Wintering
3.2.7 Population size and unit	
3.2.7.1 Population size	Give minimum and maximum population size
3.2.7.2 Population unit	Code-list (see Emerald Network reference portal)
3.2.8 Abundance category	<p>Pre-defined options:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Common <input type="checkbox"/> Rare <input type="checkbox"/> Very rare <input type="checkbox"/> Present
3.2.9 Method used for population size	<p>Pre-defined options:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Complete survey or a statistically robust estimate <input type="checkbox"/> Based mainly on expert opinion with very limited data <input type="checkbox"/> Based mainly on extrapolation from a limited amount of data <input type="checkbox"/> Insufficient or no data available
3.2.10 Period of last data collection Optional	Start date and end date of the period (year and month) or if such information is unknown indicate 'survey older than 2022'
3.2b Site assessment (species)	
3.2.11 Significance	<p>Indicate if occurrence of the species is non-significant. For significant occurrences of species all fields of the section 3.2.b must be filled in whereas for non-significant occurrences of species only the fields 3.2.11 (Significance) and 3.2.20 (Update date) of section 3.2.b have to be filled.</p>

<p>3.2.12 Species meeting ornithological criteria for SPA classification</p> <p>Not applicable for the Emerald Network</p>	<p>Indicate if the bird species met the ornithological criteria used to justify SPA classification.</p>
<p>3.2.13 Population</p>	<p>Pre-defined options:</p> <ul style="list-style-type: none"> <input type="checkbox"/> A1: 100% ≥ p > 75% <input type="checkbox"/> A2: 75% ≥ p > 50% <input type="checkbox"/> A3: 50% ≥ p > 25% <input type="checkbox"/> A4: 25% ≥ p > 15% <input type="checkbox"/> B: 15% ≥ p > 2% <input type="checkbox"/> C: 2% ≥ p > 0%
<p>3.2.14 Population – explanations (optional)</p>	<p>Free text and language tag</p>
<p>3.2.15 Degree of conservation</p>	
<p>3.2.15.1 Degree of conservation - categorised</p>	<p>Pre-defined options:</p> <ul style="list-style-type: none"> <input type="checkbox"/> A: excellent degree of conservation (nearly all of the habitat occupied by the species has sufficient quality) <input type="checkbox"/> B: good degree of conservation (most of the habitat occupied by the species has sufficient quality) <input type="checkbox"/> C: reduced degree of conservation (most of the habitat occupied by the species has non-sufficient quality) <input type="checkbox"/> X: unknown degree of conservation (most or all of the habitat occupied by the species has unknown quality)
<p>3.2.15.2 Degree of conservation – occupied area (optional)</p>	<p>Give the area of the habitat occupied by the species in percentages for each of the categories:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Sufficient quality: ...% <input type="checkbox"/> Non-sufficient quality: ...% <input type="checkbox"/> Unknown habitat quality: ...%
<p>3.2.15.3 Degree of conservation – occupied percentage classes</p> <p>Optional</p>	<p>Estimated area of the habitat occupied by the species with sufficient quality</p> <p><input type="checkbox"/> 0-25 % <input type="checkbox"/> 26-50% <input type="checkbox"/> 51-75% <input type="checkbox"/> 76-100%</p> <p>Estimated area of the habitat occupied by the species with non-sufficient quality</p> <p><input type="checkbox"/> 0-25 % <input type="checkbox"/> 26-50% <input type="checkbox"/> 51-75% <input type="checkbox"/> 76-100%</p> <p>Estimated area of the habitat occupied by the species for which the quality is unknown</p> <p><input type="checkbox"/> 0-25 % <input type="checkbox"/> 26-50% <input type="checkbox"/> 51-75% <input type="checkbox"/> 76-100%</p>

3.2.16 Conservation objectives Optional	Pre-defined options: <ul style="list-style-type: none"> <input type="checkbox"/> Prevent deterioration <input type="checkbox"/> Maintain the extent and good quality of the habitat of the species and the population size <input type="checkbox"/> Enlarge area of the habitat of the species <input type="checkbox"/> Re-establish habitat for the species <input type="checkbox"/> Improve the quality of the habitat of the species (considering also disturbance and mortality factors) <input type="checkbox"/> Increase the population size <input type="checkbox"/> Reduce pressure on the population (e.g. reduce mortality or disturbance) <input type="checkbox"/> Re-establish the population at the site <input type="checkbox"/> Other
3.2.17 Conservation objectives – explanations Optional	Free text and language tag
3.2.18 Isolation	Pre-defined options: <ul style="list-style-type: none"> <input type="checkbox"/> A: population (almost) isolated, <input type="checkbox"/> B: population not isolated, but on margins of area of distribution, <input type="checkbox"/> C: population not isolated within extended distribution range
3.2.19 Global	Pre-defined options: <ul style="list-style-type: none"> <input type="checkbox"/> A: excellent value <input type="checkbox"/> B: good value <input type="checkbox"/> C: significant value
3.2.20 Update date	Year and month

3.3 Other important species of flora and fauna (optional)

3.3.1 Species group	If the species belongs to one of the species groups on the code-list available on the Emerald Network reference portal use the respective code from this list; otherwise leave the field empty (blank).
3.3.2 Species code	If the species is on the code-lists on the Emerald Network reference portal that are used in field 3.2.2, please use that code, otherwise leave this field empty.
3.3.3 Scientific name	If relevant, insert the scientific name as used in the code lists on the Emerald Network reference portal that are used in field 3.2.2.
3.3.4 Sensitivity of species data	Indicate in case of sensitive species data

3.3.5 Non-presence	Indicate if the species is no-longer present in the site
3.3.6 Population size and unit	
3.3.6.1 Population size	Minimum and maximum population size
3.3.6.2 Population unit	Code-list (see Emerald Network reference portal)
3.3.7 Abundance category	<p>Pre-defined options:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Common <input type="checkbox"/> Rare <input type="checkbox"/> Very rare <input type="checkbox"/> Present
3.3.8 Motivation	<p>Pre-defined options:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Appendix I species <input type="checkbox"/> Appendix II species <input type="checkbox"/> Appendix III species <input type="checkbox"/> Species listed in National Red Lists <input type="checkbox"/> Species listed in Global Red Lists <input type="checkbox"/> Endemic species <input type="checkbox"/> Species listed/protected under international Conventions such as Convention on the Conservation of Migratory Species of Wild Animals or the Convention of Biological Diversity (CBD) <input type="checkbox"/> Typical species of Resolution No. 4 (1996) habitat types <input type="checkbox"/> Crop Wild Relatives (CWR) / Forest Genetic Resources (FGR) <input type="checkbox"/> Invasive alien species of Bern Convention concern <input type="checkbox"/> Other reasons

4. Site description

4.1 Site characteristics	Free text and language tag
4.2 Quality and importance of the site	Free text and language tag

4.3 Pressures on the site	
4.3.1 Pressure code	Code-list (see Emerald Network reference portal)
4.3.2 Rank (same field but new list of pressures)	Pre-defined options: <input type="checkbox"/> High importance <input type="checkbox"/> Medium importance <input type="checkbox"/> Low importance
4.3.3 Location inside/outside (same field but new list of pressures)	Pre-defined options: <input type="checkbox"/> Inside Emerald Network site <input type="checkbox"/> Outside Emerald Network site <input type="checkbox"/> Inside and outside Emerald Network site
4.3.4 Pressure further detailed <i>Optional</i>	Free text and language tag
4.3.5 Update date <i>Optional</i>	Year and month
4.4 Documentation	Free text and language tag
4.4.1 Link(s)	URI (URL or DOI)
4.4.2 Update date <i>Optional</i>	Year and month

5. Site management

5.1 Body responsible for the site management	
5.1.1 Name of the organisation	Free text and language tag
5.1.2 Contact point in the organisation (optional)	Part of the organisation responsible for the management of the site
5.1.3 Postal address	Free text and language tag
5.1.4 Functional mailbox email address	Functional mailbox email address, not personal
5.1.5 Website with contact information	Website containing the official contact information of the organisation
5.2 Management plans	
5.2.1 Existence of management plans(s)	Pre-defined options: <input type="checkbox"/> Yes (if yes fill in 5.2.2) <input type="checkbox"/> No, site only partially covered (fill in 5.2.2) <input type="checkbox"/> No, but in preparation <input type="checkbox"/> No, because a management plan is not necessary (fill in 5.2.3) <input type="checkbox"/> No, other reason (fill in 5.2.3)

5.2.2 Reference and validity of the management plan(s)	<input type="checkbox"/> Name of the plan and <input type="checkbox"/> Link to the plan (URI) and <input type="checkbox"/> Validity: start date (year and month) and duration: number of months / or not defined
5.2.3 Further explanations Optional	Free text and language tag; To be filled if management plan does not exist and is also not in preparation
5.3 Conservation measures	
5.3.1 Detailed information on measures	Pre-defined options: <input type="checkbox"/> Conservation measures are included in the management plan(s) to which the link is provided in section 5.2.2 (yes/no) <input type="checkbox"/> Conservation measures are described in the following document(s): — Title and link (URI) and/or — Further explanations on detailed conservation measures (free text and language tag) (optional)
5.3.2 Status of conservation measures	Two questions with pre-defined options: 1. Are the measures established? <input type="checkbox"/> fully established <input type="checkbox"/> partly established <input type="checkbox"/> not established/ not assessed For fully or partly established measures only: 2. Are the established measures implemented? <input type="checkbox"/> all implemented and/or all on-going <input type="checkbox"/> only partly implemented and/or partly on-going <input type="checkbox"/> one-off measures not implemented and/or no re- current measures on-going
5.4 Management effectiveness	Two questions with pre-defined options: — Is the effectiveness of the conservation measures periodically assessed? [yes/no] — Are the conservation measures delivering the set conservation objectives? [yes/no/not yet/ unknown because not assessed]

6. Geospatial representation of the site (optional)

6.1 INSPIRE identifier	INSPIRE identifier of the spatial object (see Natura 2000 reference portal)
6.1.1 Namespace	The namespace as defined by the national INSPIRE implementation
6.1.2 Local identifier	The local identifier must be unique within the namespace
6.1.3 Version identifier (optional)	The identifier of the particular version of the spatial object