Assessment of the conservation status of bat species within the scope of the project area

In the frame of project:

"Sustainable bats conservation in the cross border area"

1846 BatsConserve

Representing BatMap

/Elena Georgieva/

BatMap

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Content

Introduction

The purpose of **Activity 7: Assessing the Conservation Status** is to assess the conservation status of bat species within the scope of the project area.

For the purposes of implementation of Activity 7, and according to the technical specifications of the Assignor, the Contractor developed a Methodology for assessing the conservation status (CS) of bat species that corresponds to the applicable European legislation. The Methodology was accepted by the Assignor with the Protocol from May 2019.

Once the Assignor has approved our proposed Methodology, we have conducted an assessment of the conservation status of the bat species within the project area based on the approved methodology. Assessment was performed for all bat species found in the project area as well as for those reported to potentially inhabit it but were not identified during field studies. The assessment was based on the data and information collected from previous activities.

The assessment includes a text part (**this report**), a map (**Annex 2 to the report**) as well as a GIS layer that is included in the database (**Annex 1 to the report**). In order to optimize the visualization and interpretation of the information about the conservation status of bat fauna in the study area, the mapping material is provided in *.kmz format, which allows interactive visualization in Google Earth environment.

1. Methodology for assessing the conservation status of bat species

The assessment of the conservation status (CS) of bat species in the project area is based on the principles of Annex B and Annex C of the reporting formats approved by the EC (Assessment and reporting under Article 17 of the Habitats Directive, Explanatory Notes & Guidelines).

The assessment approach is tailored to the specificity of the surveyed area, namely: its size, the degree of connectivity between individual polygons, irregular largely excavated in bat species in previous periods.

The GIS layers developed with the habitats and the distribution of the species, threats and potential habitats of the species have been used.

All available information from previous conservation or scientific projects implemented on the territory of Bulgaria and Greece during the last 10 years has been used, relevant to the assessment of bats in the project area. Due to the specific zoological geographic location of the surveyed territory, information on the assessment of the CS could only be useful from other projects that are overlapping or in close proximity to the assessed habitats of the bats. In assessing the number of species or their potential presence in the study area has been reported relationship with neighboring areas, part of the range of species, as well as registered numbers in neighboring roosts.

List of projects implemented on the territory of Bulgaria and Greece, the data of which could be useful for the implementation of the activity:

1. „Mapping and Determination of the Conservation Status of Natural Habitats and Species - Phase I" - Lot 5: Mapping and determine the conservation status of bats. The project is financed by the European Regional Development Fund and the state budget of the Republic of Bulgaria through Operational Program "Environment 2007 - 2013";

2. LIFE17 NAT/BG/000602 LIFE UNDER ONE ROOF: The project is ongoing, and the results are still not publicly available. It is also part of the project territory in Bulgaria - the Eastern and Western Rhodopes;

3. National Biodiversity Monitoring System - Executive Environment Agency of the Republic of Bulgaria. Object of monitoring are the cave species of bats forming significant colonies. The results are published in annual reports (2010 and 2015);

4. THE DADIA–LEFKIMI–SOUFLI FOREST NATIONAL PARK, GREECE: BIODIVERSITY, MANAGEMENT AND CONSERVATION - WWF Greece, 2010;

5. Impact Assessment of Wind Farms on Bats in Thrace during the Period of July 2008–August 2010, WWF - Greece;

Elements of the Evaluation Methodology:

Object description

The subject of assessment are the following species, established or potentially inhabiting the project area:

1. *Rhinolophus ferrumequinum*
2. *Rhinolophus hipposideros*
3. *Rhinolophus mehelyi*
4. *Rhinolophus blasii*
5. *Rhinolophus euryale*
6. *Myotis myotis*
7. *Myotis nattereri*
8. *Myotis blythii*
9. *Myotis capaccinii*
10. *Myotis emarginatus*
11. *Myotis aurascens*
12. *Myotis daubentonii*
13. *Myotis bechsteinii*
14. *Miniopterus schreibersii*
15. *Hypsugo savii*
16. *Pipistrellus pipistrellus*
17. *Pipistrellus pygmaeus*
18. *Pipistrellus kuhlii*
19. *Pipistrellus nathusii*
20. *Eptesicus serotinus*
21. *Nyctalus leisleri*
22. *Nyctalus noctula*
23. *Nyctalus lasiopterus*
24. *Vespertilio murinus*
25. *Plecotus austriacus*
26. *Barbastella barbastellus*
27. *Tadarida teniotis*

Evaluation parameters

The main principle of the assessment is the aggregation of the data from all studied polygons and their presentation in measurable and reliably measurable parameters:

Table 1 *Evaluation parameters applicable to the project area and bat species*

1. Distribution area	Total area of distribution in the surveyed polygons, in km².	
1.1. **A short-term change observed during the survey period**	Total area in surveyed polygons, in km².	
1.2. **Short-term change Direction of the change**	0 = stable + = increases - = decreases x = unknown	
1.3. **Short-term change. Strength.** Optional	Percentage change over the survey period (if found).	
1.4. **Long-term change** Optional	Change over a period of 10 previous years if found by other studies.	
1.5. **Long-term change Direction of the change** Optional	0 = stable + = increases - = decreases x = unknown	
1.6. **Long-term change Strength** Optional	Percentage change over the previous 10 years (if established).	
1.7. **Favorable reference distribution**	Area in km²	
2. Population		
2.1 Evaluate the size of the population	**Unit**	Individual
2.2 Evaluate the size of the population	**Unit**	Number of individuals
2.3 Additional information on population evaluation Optional	**"localities"**	Number of localities with species registration
2.4 Year or period	Date or period when the population size is reported.	
2.5 Methods used	3 = complete study and / or complete and statistically reliable sampling schedule 2 = partial data (less accurate sampling) with some extrapolations 1 = based on expert opinion or partial data 0 = missing data	
2.6 Short-term change	Observed change during study period	
2.7 Short-term change Direction of the change	0 = stable + = increases - = decreases x = unknown	

2.8 Short-term change Strength Optional	Percentage change over the survey period (if found).
a. Short-term change Methods used	3 = complete study and / or complete and statistically reliable sampling schedule 2 = partial data (less accurate sampling) with some extrapolations 1 = based on expert opinion or partial data 0 = missing data (in some cases, the trend is unknown)
2.10 Long-term change – Period Optional	Change over a period of 10 previous years if found by other studies
2.11 Long-term change Direction of change	0 = stable + = increases - = decreases x = unknown
2.12 Long-term change Strength	Percentage change over the previous 10 years (if established).
2.13 Long-term change. Methods used.	3 = complete study and / or complete and statistically reliable sampling schedule 2 = partial data (less accurate sampling) with some extrapolations 1 = based on expert opinion or partial data 0 = missing data (in some cases, the trend is unknown)
2.14 Favorable reference population	Number of individuals or other units
2.5 Habitats of the species	
2.5.1 Assessment of the area	Assessment of the area in km^2
2.5.2 Year or period	Year or period when data on the habitat area has been collected.
2.5.3 Methods used	3 = based on intensive research 2 = based on partial data with some extrapolations 1 = expert opinion 0 = missing data
2.5.4 Quality of the habitat	a) Indicate as good / medium / bad / unknown
2.5.5 Short-term change Period	Study Period
2.5.6 Short-term change Direction of the change	0 = stable + = increases - = decreases x = unknown
2.5.7 Long-term change Period Optional	Change over a period of 10 previous years with available data

2.5.8 Long-term change **Direction of the change**	0 = stable + = increases - = decreases x = unknown
2.5.9 Area of suitable habitats of species	Area of suitable habitats in km^2.
2.6 Main impacts	
a) Impact	**b) Ranking**
A list of identified threats and specific impacts is used	- H = high significance (maximum 5 impacts) - M = medium significance - L = low significance
2.6.1 Methods used - impacts	3 = based entirely or to a greater extent on real data from sites / presence or other data sources 2 = mainly based on expert opinion and other data 1 = based only on expert opinion

Description of the way the evaluation is carried out

During field studies were visited locations within individual polygons identified as suitable for the species according to its environmental features. The intensity of field mapping in each polygon was determined by the size of the area determined to be appropriate for the species. As a rule, the scale of mapping was determined by the ecological requirements of the species.

The selection of the specific field mapping sites for each of the polygons was determined by a preliminary deductive model and based on known data from previous studies.

On the basis of the specific landscape and ecological features of the polygons, the field work was planned - transects and points for inventory. Several routes of each type ("deciduous forests", "mixed forests", "forest trees", "pastures", etc.) were crawled in the course of the field work, as they were characterized by different indicators related to the ecology of the species: nutritional potential, hibernation conditions (winter and summer roosts), reproduction, quality in terms of anthropogenic impacts (degree of contamination of parts of the river falling within the area). An important part of the fieldwork was the collection of specific evidence of the presence of the species in the favorable and appropriate habitats. As outlined above, when assessing the numbers of the species or their potential presence, the degree of connectivity of the surveyed territory with adjacent areas with the presence of the species has been concerned.

The area of the favorable and potential habitats of the species is determined by the GIS model and verification during the fieldwork.

To assess the conservation status of the species, the following modified matrix, corresponding to the reporting needs under Art. 17 of the Habitats Directive and repeatedly used in practice was used:

Table 2 *Matrix for determination of the CS on a local level*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	Total number of individuals in the locality. Literature data, visiting and counting in localities	Total number in all roosts by literary data	Keeping or increasing the total number in all roosts	The total number in several consecutive years in all roosts is decreasing	The total number in all roosts is less than 70% of the reference
Parameter 1.2. Number in the breeding localities	Total number of individuals in the locality. Literature data, visiting and counting in localities	Total number in all roosts by literary data	Keeping or increasing the total number in all roosts	The total number in several consecutive years in all roosts is decreasing	The total number in all roosts is less than 70% of the reference
Overall assessment under Criteria 1			*More than 99% of the population in the site is in favorable status - on all criteria it is favorable or up to 25% insufficient information*	*Combination*	*More than 10% of the population in the site is unfavorable - at least one or more criteria are red*
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	Total number of localities. Literary data and field mapping.	Number of localities in the Protected Site by literary data	Increase number of localities	Reduce the number of habitats	Reducing the number of habitats in protected site by more than 10% in 3 years
Parameter 2.2. Area of the most favorable habitats in protected site	Hectares. GIS modeling and mapping of habitats	No data	Permanent or growing and not less than the reference area for the site	Any other combination	Reduction equivalent to a loss of more than 1% per year over a given period OR more than 10% less than the reference area for the site
Overall assessment under Criteria 2			*More than 99% of the area in the site is in favorable status - on all criteria it is favorable or up to 25% insufficient information*	*Combination*	*More than 10% of the area in the site is unfavorable - at least one or more criteria are red*

CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 3.1. Area of potential habitats	Hectares. GIS modeling and mapping of habitats	No data	Permanent or growing and not less than the reference area for the site	Any other combination	Reduction equivalent to a loss of more than 1% per year over a given period OR more than 10% less than the reference area for the site
Overall assessment for Criteria 3			*More than 99% of the area in the site is in favorable status - on all criteria it is favorable or up to 25% insufficient information*	*Combination*	*More than 10% of the area in the site is unfavorable - at least one or more criteria are red*
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Do not fill in	Do not fill in	Do not fill in
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	Do not fill in	Do not fill in	Do not fill in
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	Do not fill in	Do not fill in	Do not fill in
Overall assessment under Criteria 4			*More than 99% of the area in the site is in favorable status - under all criteria it is favorable or up to 25% insufficient information*	*Combination*	*More than 10% of the area in the site is in unfavorable state - at least one or more criteria are red*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment of the four FCS criteria of the species for the site:			All criteria green	Combination	One OR More Red
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures					

Description of the way to identify and assess the need to restore significant habitats of bat species that have been destroyed in the past

The assessment of the need for restoration of significant habitats of species destroyed in the past is based on all available information on the state of bat populations in the study area in the past - scientific papers, reports and accessible unpublished data. An essential stage of the assessment was the verification of significant habitats during the field study. The absence of information on the species that potentially inhabit the project area, but for which there are favorable habitats, is not a reason for an unfavorable assessment of their conservation status. In these cases, the properties and the current state of the existing habitats have been taken into account.

2. Assessment of the conservation status of bat species established in the project area, as well as the species for which there is evidence that they potentially inhabit it

The assessment of the conservation status is done for the species of bats established in the project area, as well as for the species for which there is data that potentially inhabit it.

Assessment of the conservation status of *Rhinolophus ferrumequinum*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*170 individuals* Total number of individuals in the locality. Literature data, visiting and counting in localities	*170 individuals* Total number in all roosts by literary data	Keeping or increasing the total number in all roosts	-	-
Parameter 1.2. Number in the breeding localities	*30 individuals* Total number of individuals in the locality. Literature data, visiting and counting in localities	*30 individuals* Total number in all roosts by literary data	Keeping or increasing the total number in all roosts	-	-
Overall assessment under Criteria 1		*Favorable*	-	-	
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					

Interreg
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EUROPEAN UNION

SOUTH WEST UNIVERSITY "NEOFIT RILSKI"

ARISTOTLE UNIVERSITY OF THESSALONIKI

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	9 localities Total number of localities. Literary data and field mapping.	5 localities Number of localities in the Protected Site by literary data	Increase number of localities	-	-
Parameter 2.2. Area of the most favorable habitats in protected site	3793,31 ha Hectares. GIS modeling and mapping of habitats	3793,31 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2		Favorable	-	-	
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	24338,3 ha Hectares. GIS modeling and mapping of habitats	24338,3 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3		Favorable			
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	There were no missing localities	-	-
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	There is no loss	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 5 localities in 10 years	Not established	-	-
Overall assessment under Criteria 4			*Favorable*	-	-
Overall assessment of the four FCS criteria of the species for the site:			**All criteria green**	-	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**The need for regulated and controlled access to the caves – roosts of the species**				

Assessment of the conservation status of *Rhinolophus hipposideros*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*15 individuals* Total number of individuals in the locality. Literature data, visiting and counting in localities	*15 individuals* Total number in all roosts by literary data	Keeping or increasing the total number in all roosts	-	-
Parameter 1.2. Number in the breeding localities	*5 individuals* Total number of individuals in the locality. Literature data, visiting and counting in localities	*5 individuals* Total number in all roosts by literary data	Keeping or increasing the total number in all roosts	-	-
Overall assessment under Criteria 1		*Favorable*			
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*9 localities* Total number of localities. Literary data and field mapping.	*9 localities* Number of localities in the Protected Site by literary data.	Increase or maintain the number of localities	-	-
Parameter 2.2. Area of the most favorable habitats in protected site	4379,42 ha Hectares. GIS modeling and mapping of habitats	4379,42 ha	Permanent or growing	-	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 2			*Favorable*		
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	30422,36 ha Hectares. GIS modeling and mapping of habitats	30422,36 ha	Permanent or growing	-	-
Overall assessment under Criteria 3			*Favorable*		
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not established	-	-
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	Not established	-	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	Not established	-	-
Overall assessment of the four FCS criteria of the species for the site:			*Favorable*	-	-
Overall assessment of the four FCS criteria of the species for the site:			**All criteria green**	-	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**The need for regulated and controlled access to the caves – roosts of the species**				

Assessment of the conservation status of **Rhinolophus mehelyi**, **Rhinolophus blasii** and **Rhinolophus euryale**

The assessment is carried out for three species as they have similar biology, overlapping potential habitats and form mixed colonies, which prevents terrain counting of individuals.

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	2500 *individuals* Total number of individuals in the locality. Literature data, visiting and counting in localities	2500 *individuals*	Keeping or increasing the total number in all roosts	-	-
Parameter 1.2. Number in the breeding localities	6300 *individuals* Total number of individuals in the locality. Literature data, visiting and counting in localities	6300 *individuals*	Keeping or increasing the total number in all roosts	-	-
Overall assessment under Criteria 1			*Favorable*		
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	6 *localities* Total number of localities. Literary data and field mapping.	5 *localities*	Increase number of localities	-	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.2. Area of the most favorable habitats in protected site	177,19 ha Hectares. GIS modeling and mapping of habitats	177,19 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			Favorable		
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	13803,87 ha Hectares. GIS modeling and mapping of habitats	13803,87 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3			Favorable		
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not established	-	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	Not established	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	Not established	-	-
Overall assessment under Criteria 4			*Favorable*	-	-
Overall assessment of the four FCS criteria of the species for the site:			All criteria green	-	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	The need for regulated and controlled access to the caves – roosts of the species				

Assessment of the conservation status of **Myotis myotis** and **Myotis blythii**

The assessment is carried out for two species as they have similar biology, overlapping potential habitats and form mixed colonies, which prevents terrain counting of individuals.

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	50 *individuals* Total number of individuals in the locality. Literature data, visiting and counting in localities	50 *individuals*	Keeping or increasing the total number in all roosts	-	-
Parameter 1.2. Number in the breeding localities	6500 *individuals* Total number of individuals in the locality. Literature data, visiting and counting in localities	6500 *individuals*	Keeping or increasing the total number in all roosts	-	-
Overall assessment under Criteria 1			*Favorable*		
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	7 *localities* Total number of localities. Literary data and field mapping.	5 *localities*	Increase number of localities	-	-

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Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.2. Area of the most favorable habitats in protected site	596,48 ha Hectares. GIS modeling and mapping of habitats	596,48 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*		
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	27661,66 ha Hectares. GIS modeling and mapping of habitats	27661,66 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3			*Favorable*	-	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not established	-	-
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	Not established	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	Not established	-	-
Overall assessment under Criteria 4			*Favorable*	-	-
Overall assessment of the four FCS criteria of the species for the site:			**All criteria green**	-	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**The need for regulated and controlled access to the caves – roosts of the species**				

Assessment of the conservation status of *Myotis capaccinii*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	50 *individuals* Total number of individuals in the locality. Literature data, visiting and counting in localities	50 *individuals*	Keeping or increasing the total number in all roosts	-	-
Parameter 1.2. Number in the breeding localities	350 *individuals* Total number of individuals in the locality. Literature data, visiting and counting in localities	350 *individuals*	Keeping or increasing the total number in all roosts	-	-
Overall assessment under Criteria 1			*Favorable*		
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	5 *localities* Total number of localities. Literary data and field mapping.	5 *localities*	Increase number of localities	-	-

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Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.2. Area of the most favorable habitats in protected site	143,36 ha Hectares. GIS modeling and mapping of habitats	143,36 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*		
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	143,36 ha Hectares. GIS modeling and mapping of habitats	143,36 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3			*Favorable*		
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					
Criteria and parameters	**Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods**	**Limit value for FCS, 2 degrees**	**Favorable**	**Unfavorable - unsatisfactory**	**Unfavorable - bad**
Parameter 4.1 Number of missing localities	Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not established	-	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	Not established	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	Not established	-	-
Overall assessment under Criteria 4			*Favorable*	-	-
Overall assessment of the four FCS criteria of the species for the site:			**All criteria green**	-	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**The need for regulated and controlled access to the caves – roosts of the species**				

Assessment of the conservation status of *Myotis emarginatus*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*No data* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	*No data* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Overall assessment under Criteria 1			Not applicable	Not applicable	Not applicable
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Not applicable	-	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.2. Area of the most favorable habitats in protected site	177,19 ha Hectares. GIS modeling and mapping of habitats	177,19 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*		
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	20473,94 xa Hectares. GIS modeling and mapping of habitats	20473,94 xa	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3			*Favorable*	-	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					
Criteria and parameters	**Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods**	**Limit value for FCS, 2 degrees**	**Favorable**	**Unfavorable - unsatisfactory**	**Unfavorable - bad**
Parameter 4.1 Number of missing localities	Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not applicable	Not applicable	Not applicable

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	Not observed	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	Not established	-	-
Overall assessment under Criteria 4			*Favorable*	-	-
Overall assessment of the four FCS criteria of the species for the site:			**All criteria green**	-	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**The need for regulated and controlled access to the caves – potential roosts of the species**				

Assessment of the conservation status of *Myotis aurascens*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*No data - potentially occupying the project area* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data - potentially occupying the project area* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	*No data - potentially occupying the project area* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data - potentially occupying the project area* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Overall assessment under Criteria 1		Not applicable	Not applicable	Not applicable	
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					

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Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data - potentially occupying the project area* Total number of localities. Literary data and field mapping.	*No data - potentially occupying the project area* Number of localities in the Protected Site by literary data	Not applicable	Not applicable	Not applicable
Parameter 2.2. Area of the most favorable habitats in protected site	2334,50 ha Hectares. GIS modeling and mapping of habitats	2334,50 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*	-	-
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	9640,84 ha Hectares. GIS modeling and mapping of habitats	9640,84 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3			*Favorable*		
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	*No data - potentially occupying the project area* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not applicable	Not applicable	Not applicable
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	There was no absorption of new urban areas	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	It is not established	-	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 4			*Favorable*	-	-
Overall assessment of the four FCS criteria of the species for the site:			**All criteria green**	-	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**Not necessary.**				

Assessment of the conservation status of *Myotis daubentonii*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*Sufficient data is missing. Established only in one locality and mainly by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data* Total number in all roosts by literary data	*One known locality* Keeping or increasing the total number in all roosts	-	-
Parameter 1.2. Number in the breeding localities	*Sufficient data is missing* Literature data Total number of individuals in the locality., visiting and counting in localities.	*No data* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Overall assessment under Criteria 1			*Favorable. There are no negative factors in potential roosts*		
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*1 locality* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Permanent or growing number of localities	-	-
Parameter 2.2. Area of the most favorable habitats in protected site	2042,64 ha Hectares. GIS modeling and mapping of habitats	2042,64 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*		
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	20343,31 ha Hectares. GIS modeling and mapping of habitats	20343,31 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3			*Favorable*		
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not applicable	Not applicable	Not applicable
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	There is no further urbanization process	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	-	River pollution has been identified as well as unregulated wastes on river banks	-
Overall assessment under Criteria 4				*Combination*	

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment of the four FCS criteria of the species for the site:			-	*Combination*	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	Reclamation activities of unregulated landfills. Preservation of the qualities of running surface water.				

Assessment of the conservation status of *Myotis bechsteinii*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*2 individuals* Total number of individuals in the locality. Literature data, visiting and counting in localities	*2 individuals* Total number in all roosts by literary data	Keeping or increasing the total number in all roosts	-	-

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Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 1.2. Number in the breeding localities	*No data* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Overall assessment under Criteria 1			*Favorable*		
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*1 locality* Total number of localities. Literary data and field mapping.	*1 locality* Number of localities in the Protected Site by literary data	Permanent or growing number of localities	-	-
Parameter 2.2. Area of the most favorable habitats in protected site	1641,37 ha Hectares. GIS modeling and mapping of habitats	1641,37 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*		
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	4319,06 ha Hectares. GIS modeling and mapping of habitats	4319,06 ha	-	Cutting of old trees, fires in forest massifs	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 3			*Combination*		
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					
Criteria and parameters	**Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods**	**Limit value for FCS, 2 degrees**	**Favorable**	**Unfavorable - unsatisfactory**	**Unfavorable - bad**
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not applicable	Not applicable	Not applicable
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	No new urbanization is established	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	-	Possibility of cutting and forest fires	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 4		-		*Combination*	-
Overall assessment of the four FCS criteria of the species for the site:			-	**Combination**	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	Conservation of forests in the old age. Reclamation of unregulated landfills in the riverbeds. Conservation of river water quality.				

Assessment of the conservation status of *Miniopterus schreibersii*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 1.1. Number in the winter localities	*100 individuals* Total number of individuals in the locality. Literature data, visiting and counting in localities	*100 individuals* Total number in all roosts by literary data	Keeping or increasing the total number in all roosts	-	-
Parameter 1.2. Number in the breeding localities	3000 *individuals* Total number of individuals in the locality. Literature data, visiting and counting in localities	3000 *individuals* Total number in all roosts by literary data	Keeping or increasing the total number in all roosts	-	-
Overall assessment under Criteria 1			*Favorable*	-	-
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*5 localities* Total number of localities. Literary data and field mapping.	*5 localities* Number of localities in the Protected Site by literary data	Permanent or growing number of localities	-	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.2. Area of the most favorable habitats in protected site	257,94 ha Hectares. GIS modeling and mapping of habitats	257,94 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*	-	-
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	28635,28 ha GIS modeling and mapping of habitats Hectares.	28635,28 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3			*Favorable*	-	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					
Criteria and parameters	**Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods**	**Limit value for FCS, 2 degrees**	**Favorable**	**Unfavorable - unsatisfactory**	**Unfavorable - bad**
Parameter 4.1 Number of missing localities	Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	They are not established	-	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	No further urbanization processes are established	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	They are not established	-	-
Overall assessment under Criteria 4			*Favorable*	-	-
Overall assessment of the four FCS criteria of the species for the site:			**All criteria green**		
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**Ensuring regulated and controlled access to the caves that are roosts of the species.**				

Assessment of the conservation status of *Hypsugo savii*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*No data available. The species is registered only by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data available. The species is registered only by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	*No data available. The species is registered only by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data available. The species is registered only by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Overall assessment under Criteria 1			Not applicable	Not applicable	Not applicable
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Not applicable	Not applicable	Not applicable
Parameter 2.2. Area of the most favorable habitats in protected site	2771,37 ha Hectares. GIS modeling and mapping of habitats	2771,37 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*	-	-
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	23112,62 ha **CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS**	23112,62 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3			*Favorable*	-	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	No potential are identified	-	-
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	No new one found	-	-
Parameter 4.3. Anxiety in the roosts	*Not established* Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	Not applicable	Not applicable	Not applicable

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Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 4			*Favorable*	-	-
Overall assessment of the four FCS criteria of the species for the site:			**All criteria green**		
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**Not necessary**				

Assessment of the conservation status of *Pipistrellus pipistrellus*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 1.1. Number in the winter localities	*No data available. The species is registered only by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data available. The species is registered only by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	*No data available. The species is registered only by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data available. The species is registered only by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Overall assessment under Criteria 1			Not applicable	Not applicable	Not applicable
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Not applicable	Not applicable	Not applicable
Parameter 2.2. Area of the most favorable habitats in protected site	4618,97 ha Hectares. GIS modeling and mapping of habitats	4618,97 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*	-	-
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	29501,99 ha Hectares. GIS modeling and mapping of habitats	29501,99 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3			*Favorable*	-	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	No potential is identified	-	-
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	There are no new ones	-	-
Parameter 4.3. Anxiety in the roosts	*Not established* Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	Not applicable	Not applicable	Not applicable

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Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 4			*Favorable*	-	-
Overall assessment of the four FCS criteria of the species for the site:			**All criteria green**	-	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**Not necessary**				

Assessment of the conservation status of *Pipistrellus pygmaeus*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*No data available. The species is registered only by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data available. The species is registered only by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	*No data available. The species is registered only by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data available. The species is registered only by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Overall assessment under Criteria 1		Not applicable	Not applicable	Not applicable
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Not applicable	Not applicable	Not applicable
Parameter 2.2. Area of the most favorable habitats in protected site	2515,81 ha Hectares. GIS modeling and mapping of habitats	2515,81 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*	-	-
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	23297,01 ha Hectares. GIS modeling and mapping of habitats	23297,01 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3			*Favorable*	-	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not applicable	Not applicable	Not applicable
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	There are no new ones	-	-
Parameter 4.3. Anxiety in the roosts	*Not established* Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	Not applicable	Not applicable	Not applicable

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 4			*Favorable*	-	-
Overall assessment of the four FCS criteria of the species for the site:			**All criteria green**	-	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**Not necessary**				

Assessment of the conservation status of *Pipistrellus kuhlii*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*No data available. The species is registered only by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data available. The species is registered only by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	*No data available. The species is registered only by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data available. The species is registered only by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Overall assessment under Criteria 1			Not applicable	Not applicable	Not applicable
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Not applicable	Not applicable	Not applicable
Parameter 2.2. Area of the most favorable habitats in protected site	2844,23 ha Hectares. GIS modeling and mapping of habitats	2844,23 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*	-	-
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	16232,55 ha Hectares. GIS modeling and mapping of habitats	16232,55 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3			*Favorable*	-	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not applicable	Not applicable	Not applicable
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	No new one is established	-	-
Parameter 4.3. Anxiety in the roosts	*Not established* Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	Not applicable	Not applicable	Not applicable

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 4			*Favorable*	-	-
Overall assessment of the four FCS criteria of the species for the site:			**All criteria green**		
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**Not necessary**				

Assessment of the conservation status of *Pipistrellus nathusii*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*No data available. The species is registered only by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	No data available. The species is registered only by sound analysis Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	No data available. The species is registered only by sound analysis Total number of individuals in the locality. Literature data, visiting and counting in localities	No data available. The species is registered only by sound analysis Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Overall assessment under Criteria 1			Not applicable	Not applicable	Not applicable
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Not applicable	Not applicable	Not applicable
Parameter 2.2. Area of the most favorable habitats in protected site	1508,92 ha Hectares. GIS modeling and mapping of habitats	1508,92 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*	-	-
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	21571,37 ha Hectares. GIS modeling and mapping of habitats	21571,37 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3			*Favorable*	-	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	There is no potential	-	-
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	There are no new ones	-	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.3. Anxiety in the roosts	*Not established* Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	Not applicable	Not applicable	Not applicable
Overall assessment under Criteria 4			*Favorable*	-	-
Overall assessment of the four FCS criteria of the species for the site:			**All criteria green**		
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**Not necessary**				

Assessment of the conservation status of *Eptesicus serotinus*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*No data available. The species is registered only by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	No data available. The species is registered only by sound analysis Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	No data available. The species is registered only by sound analysis Total number of individuals in the locality. Literature data, visiting and counting in localities	No data available. The species is registered only by sound analysis Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Overall assessment under Criteria 1			Not applicable	Not applicable	Not applicable
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Not applicable	Not applicable	Not applicable
Parameter 2.2. Area of the most favorable habitats in protected site	6226,27 ha Hectares. GIS modeling and mapping of habitats	6226,27 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*		
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	25408,48 ha Hectares. GIS modeling and mapping of habitats	25408,48 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3			*Favorable*	-	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	There are no potential	-	-
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	There are no new ones	-	-
Parameter 4.3. Anxiety in the roosts	Not established Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	Not applicable	Not applicable	Not applicable

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 4			*Favorable*		
Overall assessment of the four FCS criteria of the species for the site:			**All criteria green**	-	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**Not necessary**				

Assessment of the conservation status of *Nyctalus leisleri*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	The species is potentially inhabiting the territory Total number of individuals in the locality. Literature data, visiting and counting in localities	The species is potentially inhabiting the territory Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	The species is potentially inhabiting the territory Total number of individuals in the locality. Literature data, visiting and counting in localities	The species is potentially inhabiting the territory Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Overall assessment under Criteria 1		Not applicable	Not applicable	Not applicable	
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Not applicable	Not applicable	Not applicable
Parameter 2.2. Area of the most favorable habitats in protected site	5872,14 ha Hectares. GIS modeling and mapping of habitats	5872,14 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*	-	-
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	13965,13 ha Hectares. GIS modeling and mapping of habitats	13965,13 ha		Cutting of old trees, fires in forest massifs	
Overall assessment under Criteria 3		-		*Combination*	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					
Criteria and parameters	**Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods**	**Limit value for FCS, 2 degrees**	**Favorable**	**Unfavorable - unsatisfactory**	**Unfavorable - bad**

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not applicable	Not applicable	Not applicable
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	No new urbanization is established	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	-	Possible for felling and forest fires	-
Overall assessment under Criteria 4		-	*Combination*	-
Overall assessment of the four FCS criteria of the species for the site:		-	**Combination**	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**Conservation of forests in the old age. Reclamation of unregulated landfills in the riverbeds. Conservation of river water quality.**			

Assessment of the conservation status of *Nyctalus noctula*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	The species is potentially inhabiting the territory. Only registered by sound analysis Total number of individuals in the locality. Literature data, visiting and counting in localities	The species is potentially inhabiting the territory. Only registered by sound analysis Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	The species is potentially inhabiting the territory. Only registered by sound analysis Total number of individuals in the locality. Literature data, visiting and counting in localities	The species is potentially inhabiting the territory. Only registered by sound analysis Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 1			Not applicable	Not applicable	Not applicable
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Not applicable	Not applicable	Not applicable
Parameter 2.2. Area of the most favorable habitats in protected site	3682,74 ha Hectares. GIS modeling and mapping of habitats	3682,74 ha	Permanent or growing and not less than the reference area for the	-	-
Overall assessment under Criteria 2			*Favorable*	-	-
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	12818,39 ha Hectares. GIS modeling and mapping of habitats	12818,39 ha	-	Cutting of old trees, fires in forest massifs	-
Overall assessment under Criteria 3			-	*Combination*	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not applicable	Not applicable	Not applicable
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	No new urbanization is established	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	-	Possibility of cutting and forest fires	-
Overall assessment under Criteria 4			-	*Combination*	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment of the four FCS criteria of the species for the site:			-	Combination	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	Conservation of forests in the old age. Reclamation of unregulated landfills in the riverbeds. Conservation of river water quality.				

Assessment of the conservation status of *Nyctalus lasiopterus*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 1			Not applicable	Not applicable	Not applicable
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Not applicable	Not applicable	Not applicable
Parameter 2.2. Area of the most favorable habitats in protected site	811,06 ha Hectares. GIS modeling and mapping of habitats	811,06 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*		
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	3346,38 ha Hectares. GIS modeling and mapping of habitats	3346,38 ha	-	Cutting of old trees, fires in forest massifs	-
Overall assessment under Criteria 3			-	*Combination*	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not applicable	Not applicable	Not applicable
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	No new urbanization is established	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	-	Possible when carrying out the cutting and forest fires	-
Overall assessment under Criteria 4			-	*Combination*	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment of the four FCS criteria of the species for the site:				**Combination**	
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**Conservation of forests in the old age. Reclamation of unregulated landfills in the riverbeds. Conservation of river water quality.**				

Assessment of the conservation status of *Vespertilio murinus*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 1		Not applicable	Not applicable	Not applicable	Not applicable
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Not applicable	Not applicable	Not applicable
Parameter 2.2. Area of the most favorable habitats in protected site	4419,56 ha Hectares. GIS modeling and mapping of habitats	4419,56 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*		
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	10490,26 ha Hectares. GIS modeling and mapping of habitats	10490,26 ha	-	Cutting of old trees, fires in forest massifs	-
Overall assessment under Criteria 3			-	*Combination*	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not applicable	Not applicable	Not applicable
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	No new urbanization is established	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	-	Possible when carrying out the cutting and forest fires	-
Overall assessment under Criteria 4			-	*Combination*	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment of the four FCS criteria of the species for the site:			-	Combination	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	Conservation of forests in the old age. Reclamation of unregulated landfills in the riverbeds. Conservation of river water quality.				

Assessment of the conservation status of *Plecotus austriacus*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 1			Not applicable	Not applicable	Not applicable
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Not applicable	Not applicable	Not applicable
Parameter 2.2. Area of the most favorable habitats in protected site	1760,63 ha Hectares. GIS modeling and mapping of habitats	1760,63 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*	-	-
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	6566,45 ha Hectares. GIS modeling and mapping of habitats	6566,45 ha	-	Cutting of old trees, fires in forest massifs	-
Overall assessment under Criteria 3			-	*Combination*	
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not applicable	Not applicable	Not applicable
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	No new urbanization is established	.	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	-	Possibility of cutting and forest fires	
Overall assessment under Criteria 4		-		*Combination*	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment of the four FCS criteria of the species for the site:			-	Combination	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	Conservation of forests in the old age. Reclamation of unregulated landfills in the riverbeds. Conservation of river water quality.				

Assessment of the conservation status of *Barbastella barbastellus*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*The species is potentially inhabiting the territory. Only registered by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 1			Not applicable	Not applicable	Not applicable
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Not applicable	Not applicable	Not applicable
Parameter 2.2. Area of the most favorable habitats in protected site	1864,09 ha Hectares. GIS modeling and mapping of habitats	1864,09 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*	-	-
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	4477,46 ha Hectares. GIS modeling and mapping of habitats	4477,46 ha	-	Cutting of old trees, fires in forest massifs	-
Overall assessment under Criteria 3			-	*Combination*	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not applicable	Not applicable	Not applicable
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	No new urbanization is established	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	-	Possibility of cutting and forest fires	-
Overall assessment under Criteria 4		-		*Combination*	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment of the four FCS criteria of the species for the site:			-	Combination	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	Conservation of forests in the old age. Reclamation of unregulated landfills in the riverbeds. Conservation of river water quality.				

Assessment of the conservation status of *Tadarida teniotis*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*No data available. The species is registered only by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data available. The species is registered only by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Parameter 1.2. Number in the breeding localities	*No data available. The species is registered only by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data available. The species is registered only by sound analysis* Total number in all roosts by literary data	Not applicable	Not applicable	Not applicable
Overall assessment under Criteria 1			Not applicable	Not applicable	Not applicable
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					

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Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data* Total number of localities. Literary data and field mapping.	*No data* Number of localities in the Protected Site by literary data	Not applicable	Not applicable	Not applicable
Parameter 2.2. Area of the most favorable habitats in protected site	608,70 ha Hectares. GIS modeling and mapping of habitats	608,70 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*	-	-
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	26896,22 ha Hectares. GIS modeling and mapping of habitats	26896,22 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 3			*Favorable*	-	-
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	There is no potential	-	-
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	There are no new ones	-	-
Parameter 4.3. Anxiety in the roosts	*Not established* Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	Not applicable	Not applicable	Not applicable

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Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment under Criteria 4			*Favorable*		
Overall assessment of the four FCS criteria of the species for the site:			**All criteria green**	-	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	**Not necessary**				

Assessment of the conservation status of *Myotis nattereri*

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
CRITERIA 1. POPULATION IN THE SITE					
Parameter 1.1. Number in the winter localities	*No data available. The species is registered only by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data available. The species is registered only by sound analysis*	Keeping or increasing the total number in all roosts	-	-
Parameter 1.2. Number in the breeding localities	*No data available. The species is registered only by sound analysis* Total number of individuals in the locality. Literature data, visiting and counting in localities	*No data available. The species is registered only by sound analysis*	Not applicable	Not applicable	Not applicable
Overall assessment under Criteria 1		*Favorable*			
CRITERIA 2. HABITAT OF THE SPECIES - AREA WITHIN THE SITE					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 2.1. Number of localities (caves, mining galleries, bunkers or other roosts)	*No data available. The species is registered only by sound analysis* Total number of localities. Literary data and field mapping.	*No data available. The species is registered only by sound analysis* Number of localities in the Protected Site by literary data	Not applicable	-	-
Parameter 2.2. Area of the most favorable habitats in protected site	1641,37 ha Hectares. GIS modeling and mapping of habitats	1641,37 ha	Permanent or growing and not less than the reference area for the site	-	-
Overall assessment under Criteria 2			*Favorable*		
CRITERIA 3. HABITATS OF SPECIES - STRUCTURES AND FUNCTIONS					
Parameter 3.1. Area of potential habitats	4319,06 ha Hectares. GIS modeling and mapping of habitats	4319,06 ha	-	Cutting of old trees, fires in forest massifs	-
Overall assessment under Criteria 3				*Combination*	
CRITERIA 4. FUTURE PERSPECTIVES (THREATS AND IMPACTS)					

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Criteria and parameters	Unit / threshold for FCS when assessing the status of individual parts / polygons of the site and data collection methods	Limit value for FCS, 2 degrees	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Parameter 4.1 Number of missing localities	*No data* Number of "old" localities where the species is not found Literary data and field visit	Up to 5 localities in 10 years	Not applicable	Not applicable	Not applicable
Parameter 4.2. Urbanization in the roosts of breeding colonies	Share (ha) of the general favorable habitat within a radius of 10 km around the roost. GIS mapping, field visit and expert judgment	Loss of favorable habitats to 5% for the whole country in 10 years	No new urbanization is established	-	-
Parameter 4.3. Anxiety in the roosts	Number of dead individuals in roosts. Terrain visit and expert assessment	Up to 10 per year	-	Possibility of cutting and forest fires	-
Overall assessment under Criteria 4		-		*Combination*	-

Criteria and parameters	Unit of measurement / threshold value for Favorable conservation status (FCS) when assessing the status of individual parts / polygons of the site and data collection methods	Reference value	Favorable	Unfavorable - unsatisfactory	Unfavorable - bad
Overall assessment of the four FCS criteria of the species for the site:			-	Combination	-
Need for restoration of significant habitats of the species that have been destroyed in the past or other conservation measures	Conservation of forests in the old age. Reclamation of unregulated landfills in the riverbeds. Conservation of river water quality.				

Annexes

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