



## **EUROBATS**

### **EUROBATS National Implementation Report MoP9**

This questionnaire reflects obligations of the Parties listed in Resolution 8.11 Implementation of the Conservation and Management Plan (2019 - 2022) and other effective Resolutions.

In case of technical issues and questions, please use a support center button in the bottom before contacting the Secretariat.

## A. General Information

Name of your country

>>> Poland

Period covered by this report

>>> 2018-2022

Is your country a party to EUROBATS Agreement?

Yes

Competent authority

Title, address, phone, fax, e-mail and other contact details

>>> Ministry of Climate and Environment

Department of Nature Protection

Personal details of administrative focal point (s)

>>> Monika Lesz

Councillor

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Please give details of designated scientific focal points

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Compilers and contributors to this report

>>> General Directorate for Environmental Protection,

Chief Inspectorate of Environmental Protection,

General Directorate of State Forests,

Chief Veterinary Inspectorate.

### Bats species which occur in the territory

Please select only species which were recorded from your country

#### Species: *Rousettus aegyptiacus* (Geoffroy, 1810)

#### Status of the species within the territory

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Other

#### Species: *Rhinolophus ferrumequinum* (Schreber, 1774)

#### Status of the species within the territory

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: hibernation

Occasional

### Conservational status

Overall national trend

Indeterminate

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

Year of the Red List assesment

>>> 2001

### **Natura2000 or Emerald reports**

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

Yes

### **Species: Rhinolophus hipposideros (Borkhausen, 1797)**

#### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

#### **Conservational status**

Overall national trend

Stable

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> EN

Year of the Red List assesment

>>> 2001

### **Natura2000 or Emerald reports**

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

Yes

### **Species: Barbastella barbastellus (Schreber, 1774)**

#### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

#### **Conservational status**

Overall national trend

Negative

Stable

Status in the National Red List

Please indicate status of the species in the national red data list or similar document  
>>> LC

### **Species: Eptesicus nilssonii (Keyserling & Blasius, 1839)**

#### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

- Resident: breeding
- Resident: hibernation

#### **Conservational status**

Overall national trend

- Positive

Status in the National Red List

Please indicate status of the species in the national red data list or similar document  
>>> NT

Year of the Red List assesment

>>> 2001

#### **Natura2000 or Emerald reports**

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

- Yes

### **Species: Eptesicus serotinus (Schreber, 1774)**

#### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

- Resident: breeding
- Resident: hibernation

#### **Conservational status**

Overall national trend

- Positive

Status in the National Red List

Please indicate status of the species in the national red data list or similar document  
>>> LC

#### **Natura2000 or Emerald reports**

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

- Yes

## **Species: *Hypsugo savii* (Bonaparte, 1837)**

### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Occasional

### **Conservational status**

Overall national trend

Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

## **Species: *Myotis alcathoe* von Helversen & Heller, 2001**

### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

### **Conservational status**

Overall national trend

Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

## **Species: *Myotis bechsteinii* (Kuhl, 1817)**

### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

### **Conservational status**

Overall national trend

Stable

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> NT

Year of the Red List assesment

>>> 2013

### **Natura2000 or Emerald reports**

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

Yes

**Species: Myotis blythii (Tomes, 1857)**

**Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Occasional

Other

>>> oxygnatus

**Conservational status**

Overall national trend

Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

**Species: Myotis brandtii (Eversmann, 1845)**

**Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

**Conservational status**

Overall national trend

Positive

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

**Natura2000 or Emerald reports**

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

Yes

**Species: Myotis dasycneme (Boie, 1825)**

**Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

## Conservational status

Overall national trend

Stable

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> EN

Year of the Red List assesment

>>> 2001

## Natura2000 or Emerald reports

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

Yes

## Species: *Myotis daubentonii* (Kuhl, 1817)

### Status of the species within the territory

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

## Conservational status

Overall national trend

Indeterminate

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

## Natura2000 or Emerald reports

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

Yes

## Species: *Myotis emarginatus* (Geoffroy, 1806)

### Status of the species within the territory

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

## Conservational status

Overall national trend

Indeterminate

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> EN

Year of the Red List assesment

>>> 2001

### **Species: Myotis myotis (Borkhausen, 1797)**

#### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

#### **Conservational status**

Overall national trend

Negative

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

### **Species: Myotis mystacinus (Kuhl, 1817)**

#### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

#### **Conservational status**

Overall national trend

Indeterminate

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

### **Species: Myotis nattereri (Kuhl, 1817)**

#### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

#### **Conservational status**

Overall national trend

Stable

Status in the National Red List

Please indicate status of the species in the national red data list or similar document



>>> LC

### **Natura2000 or Emerald reports**

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

Yes

### **Species: Nyctalus lasiopterus (Schreber, 1780)**

#### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Occasional

Extinct

#### **Conservational status**

Overall national trend

Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

### **Species: Nyctalus leisleri (Kuhl, 1817)**

#### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

#### **Conservational status**

Overall national trend

Indeterminate

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> VU

Year of the Red List assesment

>>> 2001

### **Natura2000 or Emerald reports**

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

Yes

### **Species: Nyctalus noctula (Schreber, 1774)**

## Status of the species within the territory

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

- Resident: breeding
- Resident: hibernation

## Conservational status

Overall national trend

- Positive

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

## Natura2000 or Emerald reports

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

- Yes

## Species: *Pipistrellus kuhlii* (Kuhl, 1817)

### Status of the species within the territory

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

- Occasional
- Extinct

### Conservational status

Overall national trend

- Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

## Species: *Pipistrellus nathusii* (Keyserling & Blasius, 1839)

### Status of the species within the territory

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

- Resident: breeding
- Resident: hibernation

### Conservational status

Overall national trend

- Indeterminate

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

## Natura2000 or Emerald reports

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

Yes

### Species: *Pipistrellus pipistrellus* (Schreber, 1774)

#### Status of the species within the territory

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

#### Conservational status

Overall national trend

Positive

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

### Species: *Pipistrellus pygmaeus* (Leach, 1825)

#### Status of the species within the territory

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

#### Conservational status

Overall national trend

Indeterminate

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

### Species: *Plecotus auritus* (Linnaeus, 1758)

#### Status of the species within the territory

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

#### Conservational status

Overall national trend

Positive

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

### **Natura2000 or Emerald reports**

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

Yes

### **Species: Plecotus austriacus (Fischer, 1829)**

#### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

#### **Conservational status**

Overall national trend

Stable

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

### **Natura2000 or Emerald reports**

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald network (non-EU countries) changed since the previous assessment?

Yes

### **Species: Vespertilio murinus Linnaeus, 1758**

#### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Resident: breeding

Resident: hibernation

#### **Conservational status**

Overall national trend

Positive

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

### **Natura2000 or Emerald reports**

Has the national status reported under the Article 17 of the Habitat Directive(2019) or for the Emerald

network (non-EU countries) changed since the previous assessment?

Yes

## **Species: *Miniopterus schreibersii* (Kuhl, 1817)**

### **Status of the species within the territory**

Status of occurrence

Please give details if the species is not resident. E.g. year of extinction, description of occasional findings etc. Text boxes are expandable.

Occasional

### **Conservational status**

Overall national trend

Not studied

Status in the National Red List

Please indicate status of the species in the national red data list or similar document

>>> LC

## **1. Legal Requirements**

### **Resolution 4.6. Guidelines for the issue of permits for the capture and study of captured wild bats**

Does the system of permits or licenses for the capture of bats exist in your country?

Yes

System of permits or licences for the keeping of bats for educational or animal welfare purposes

In place

System of permits or licences for sampling, ringing, killing of bats for scientific study

Exists

Comments

>>> No

### **Resolution 6.5. Guidelines on ethics for research and field work practices**

Other activities carried out under this resolution (optional)

>>> The permit issued by nature protection authorities specifies detailed requirements to be met when performing individual activities. The mandate should take into account animal welfare and ethical principles.

What's new is the code of ethics of Polish photographers, which also includes bats

<https://www.szerokikadr.pl/wydarzenia/zwiazek-polskich-fotografow-przyrody-wprowadzil-do-swojego-kodeksu-etycznego-nowe-rozporzadzenia>

Ethical principles are also published and promoted by the National Society for the Protection of Bats

Please, give details of the legislation which is protecting bats

>>> The Act of 16 April 2004 on nature conservation (Journal of Laws of 2015 No 92 item 880)

[https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwic\\_ICHm6\\_4AhURxosKHfAqAYoQFnoECA0QAQ&url=https%3A%2F%2Fisap.sejm.gov.pl%2Fisap.nsf%2Fdownload.xsp%2FWDU20040920880%2FU%2FD20040880Lj.pdf&usg=AOvVaw2tb1wU4JqnE\\_ooZVwxK0WQ](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwic_ICHm6_4AhURxosKHfAqAYoQFnoECA0QAQ&url=https%3A%2F%2Fisap.sejm.gov.pl%2Fisap.nsf%2Fdownload.xsp%2FWDU20040920880%2FU%2FD20040880Lj.pdf&usg=AOvVaw2tb1wU4JqnE_ooZVwxK0WQ)

Which species are not protected and why?

>>> All are protected.

## **2. Population survey and monitoring**

### **Resolution 2.2. Consistent monitoring methodologies**

Implementation of EUROBATS guidelines published in EUROBATS Publication n°5 to ensure consistency and information exchange between Parties and Range States

Yes

Please give details

>>> Our membership in EUROBATS

#### **Resolution 5.4. Monitoring bats across Europe**

Involvement in a long-term pan-European surveillance to provide trend data

No

Awareness-raising of the importance of underground sites

Yes

Collaboration and information exchange with other Parties and range states on surveillance and monitoring activities

Yes

Please provide details

>>> The results of the monitoring are published and made available to the public and transferred to the European Environment Agency and the European Commission. Results of bats monitoring carried out at the request of the Chief Inspectorate of Environmental Protection as part of the State Environmental Monitoring, are published on the Inspectorate's website <http://siedliska.gios.gov.pl/> and in the synthetic form in the Environmental Monitoring Bulletin published also on the Inspectorate's website.

Monitoring bats in accordance with EUROBATS Publication n°5

Yes

Capacity building of bat workers and surveyors to support the undertaking of bat surveillance projects

Exists

Other activities under Resolution 5.4.

>>> There is a survey "The role of autumnal swarming behaviour and ambient air temperature in the variation of body mass in temperate bat species" Maurycy Ingaczak, Tomasz Postawa, Grzegorz Lesiński, Iwona Gottfried. <http://www.italian-journal-of-mammalogy.it>  
Volume 30 (1): 65-73, 2019

#### **Resolution 6.13. Bats as indicators for biodiversity**

Does your country support a development of national, regional and pan-European biodiversity indicators for appropriate target audiences, using bat data

Yes

Please provide details

>>> Comprehensive monitoring of the bison population and habitat as part of the Comprehensive project for the protection of the bison by the State Forests, this research project investigated the occurrence of bats at the newly created waterholes for bison. inventory of the Białowieża Primeval Forest. For almost two years, research was conducted in the Białowieża Primeval Forest to demonstrate its current condition, and then to enable monitoring of changes taking place in it.

Research was also carried out in the field of bats.

In 2022, the Chief Inspectorate for Environmental Protection made available an IT tool integrated with the Species and Natural Habitats Monitoring database (State Environmental Monitoring), where the authorities responsible for nature protection have permanent access to the monitoring results of bats and other natural species and habitats (raw data).

You have attached the following documents to this answer.

[Raport\\_czerwiec\\_2020\\_SGGW\\_Fundusz\\_Leśny\\_\(1\).pdf](#) - Page 45-48

You have attached the following Web links/URLs to this answer.

[Portal przyrodniczo-kulturowy Lasów Państwowych](#) - Różnorodność biologiczna fauna- nietoperze

Bat data is incorporated within high profile national multi-taxa indicators

No

Cooperation platforms that facilitate the required data exchange

Exist

Please specify or give links

>>> Results of bats monitoring carried out at the request of the Chief Inspectorate of Environmental Protection as part of the State Environmental Monitoring, are published on the Inspectorate's website <https://siedliska.gios.gov.pl/> and in the esynthetic form in the Environmental Monitoring Bulletin published also on the Inspectorate's website.

You have attached the following Web links/URLs to this answer.

[Schrony dla nietoperzy](#)

Other activities carried out under this resolution (optional)

>>> No

## **Resolution 7.7. Bat conservation and sustainable forest management**

National guidance has been developed based on the principles in the EUROBATS Bats and Forestry leaflet

No

Examples of best practice for forest management are submitted to the Secretariat

Yes

Research in forest management that is sustainable for bats (attach file or provide links)

>>> The use of the forest is in accordance with the penal law and the provisions of the directives. the forest protection manual is used in everyday work - it contains guidelines for the protection of biodiversity. Guidelines developed as a result of the research work "Occurrence of bats in forests depending on the age, spatial structure and species composition of stands" are used in practice

You have attached the following documents to this answer.

[Nietoperze wytyczne dla praktyki.pdf](#) - Nietoperze wytyczne dla praktyki

[instrukcja ochrony lasu TOM I-1.pdf](#) - the forest protection manual is used in everyday work - it contains guidelines for the protection of biodiversity.

You have attached the following Web links/URLs to this answer.

[Inhabitants of the bunkers near Strzalin were counted](#)

[Shelters and booths have grown in the Toruń forest inspectorate](#)

[Liczenie nietoperzy](#)

[Schrony dla nietoperzy](#)

Other activities carried out under this resolution (optional)

>>> "A comprehensive project for the protection of species and natural habitats in areas managed by the State Forests National Forest Holding".

Activities related to the protection of bats are carried out in 7 forest districts within 10 Natura 2000 sites. The subject of protection are such species as the lesser horseshoe bat, the western barbeque, the black bat, the greater nocturnal and all the others that will want to take advantage of from shelters in forest districts.

The activities related to the protection of bats in the project focus mainly on the protection and provision of wintering grounds. First of all, the entrances to the tunnels and cave openings are secured by installing grates, doors and the like. Places that are shelters are cleared of rubble, leaves, soil or rubbish, fortifications are maintained to protect the underground corridor from collapsing. In addition, in forests, in stands poor in hollows, the number of shelters is increased by hanging specially constructed boxes for bats. An interesting solution was applied in the Bystrzyca Kłodzka Forest District. As part of the project, crevice boxes were hung - designed to protect the western barnacle. The atypical structure of these boxes is related to the biology of barnacles, which for their summer shelters primarily choose natural tree trunks, patches of protruding bark of dying trees or crevices formed in the fork of the trunks. The design of the box imitates the cracks in the tree trunk to best recreate the conditions preferred by this species.

Forest inspectorates

Bardo Śląskie, Bystrzyca Kłodzka, Czaplinek, Krzeszowice, Limanowa, Milicz, Świeradów, Zdroje

You have attached the following documents to this answer.

[Wpływ zabiegów ochronnych w siedliskach leśnych na nietoperze-1.pdf](#) - Publication Occurrence of bats in forests depending on the age, spatial structure and species composition of stands"

You have attached the following Web links/URLs to this answer.

### **Resolution 7.10. Bat Rescue and Rehabilitation**

Animal rescue and rehabilitation systems are effective in the country

Yes

Collaboration between bat rehabilitators and scientists

Exists

Provide examples of collaboration

>>> In response to the demand from rehabilitation centers, the GDOŚ website published guidelines on bat rescue and rehabilitation. These are official guidelines that apply not only to bats, but to all animals in need. Unfortunately, it is only in Polish.

Bat rehabilitators submit their data to a national database

Yes

Please provide information about this database

>>> Each center is required to produce an annual report on its activities. Aggregated reports of all centers are presented to the minister for the environment. This collective report is not published anywhere.

Other activities carried out under Resolution 7.10 (optional)

>>> No

### **Resolution 7.12. Priority species for autecological studies**

#### **Priority Species**

#### **Rhinolophus blasii Peters, 1866**

Some studies have been conducted (are ongoing) for this species in the country

No

#### **The species occurs in the country and some studies have been done**

Please add below or attach a list of references

>>> No data

#### **Priority Species**

#### **Eptesicus isabellinus (Temminck, 1840)**

Some studies have been conducted (are ongoing) for this species in the country

No

#### **The species occurs in the country and some studies have been done**

Please add below or attach a list of references

>>> No data

#### **Priority Species**

#### **Myotis escaleraei Cabrera, 1904**

Some studies have been conducted (are ongoing) for this species in the country

No

#### **The species occurs in the country and some studies have been done**

Please add below or attach a list of references

>>> No data

#### **Priority Species**

#### **Nyctalus azoreum (Thomas, 1901)**

Some studies have been conducted (are ongoing) for this species in the country



No

**The species occurs in the country and some studies have been done**

Please add below or attach a list of references

>>> No data

**Priority Species**

**Nyctalus lasiopterus (Schreber, 1780)**

Some studies have been conducted (are ongoing) for this species in the country

No

**The species occurs in the country and some studies have been done**

Please add below or attach a list of references

>>> No data

**Priority Species**

**Pipistrellus hanaki Hulva & Benda, 2004**

Some studies have been conducted (are ongoing) for this species in the country

No

**The species occurs in the country and some studies have been done**

Please add below or attach a list of references

>>> No data

**Priority Species**

**Pipistrellus maderensis (Dobson, 1878)**

Some studies have been conducted (are ongoing) for this species in the country

No

**The species occurs in the country and some studies have been done**

Please add below or attach a list of references

>>> No data

**Priority Species**

**Plecotus kolombatovici Dulic, 1980**

Some studies have been conducted (are ongoing) for this species in the country

No

**The species occurs in the country and some studies have been done**

Please add below or attach a list of references

>>> No data

**Priority Species**

**Plecotus sardus Mucedda, Kiefer, Pidinchedda & Veith, 2002**

Some studies have been conducted (are ongoing) for this species in the country

No

**The species occurs in the country and some studies have been done**

Please add below or attach a list of references

>>> No data

**Priority Species**

**Plecotus teneriffae Barrett-Hamilton, 1907**

Some studies have been conducted (are ongoing) for this species in the country

No

## **The species occurs in the country and some studies have been done**

Please add below or attach a list of references

>>> No data

Other activities carried out under Resolution 7.12 (optional)

>>> No data

## **Resolution 8.3. Monitoring of daily and seasonal movements of bats**

### **Studies on daily/seasonal movements**

#### References

Provide references to completed or ongoing studies on daily/seasonal movements of bats in your country in the text field below or attach a file

>>> No data

## **Resolution 8.4 Wind Turbines and Bat Populations**

Raising awareness on the impact of turbines on bats and the existence of some unsuitable habitats or sites for construction

Yes

If yes, how?

>>> These issues are discussed at meetings, conferences and seminars.

Are impact assessment procedures and post-construction monitoring undertaken by appropriately experienced experts?

Yes

Please, give details

>>> It's done only on the case-to case basis. There is usually a mandate for such research in the case of wind farms but there is no such obligation settled in law. The decision on the conditions and obligations always rests with the authority that issues the permit.

National guidelines have been developed following Eurobats Pub. No. 6

Yes

Please, attach a file or or provide a link

>>>

[https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwjH8JSPs6\\_4AhXxkIsKHcGXAYlQFnoECAkQAQ&url=https%3A%2F%2Fochronaprzyrody.gdos.gov.pl%2Ffiles%2Fartykuly%2F5471%2FFarmy%2520wiatrowe%2520-%2520zalecenia\\_icon.pdf&usq=AOvVaw0YAsoFOuUDoulrjDTxy4HA](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwjH8JSPs6_4AhXxkIsKHcGXAYlQFnoECAkQAQ&url=https%3A%2F%2Fochronaprzyrody.gdos.gov.pl%2Ffiles%2Fartykuly%2F5471%2FFarmy%2520wiatrowe%2520-%2520zalecenia_icon.pdf&usq=AOvVaw0YAsoFOuUDoulrjDTxy4HA)

National guidelines are implemented

No

Investigations and research for mitigating bat mortality have been undertaken

Yes

Please, list references, attach reports and articles

>>> No data

Post-construction monitoring, if possible, is undertaken by suitably experienced bat experts

If yes, give details

Yes

>>> Minimum requirements for report authors are set out in the law.

Developers of wind energy projects and responsible authorities make raw data from impact assessment and post-construction monitoring available for independent analysis.

No

Measures such as blade feathering, higher turbine cut-in wind speeds and shutting down turbines are implemented

Yes

Please, provide details

>>> No data

Other activities carried out under Resolution 7.5 (optional)

>>> No

## **Resolution 8.10 Recommended Experience and Skills of Experts with regard to Quality of Assessments**

### **Compliance with Annex to Resolution 8.10**

Experts/groups of experts carrying out assessment of projects, plans and programmes on populations of European bats meet the minimum standard of skills, knowledge and experience as described in the Annex to Resolution 8.10

Yes, completely or partially

### **If yes**

Please provide details

>>> The authors must graduate from natural science studies. They have to prove the experience in this area.

## **3. Roosts**

### **Resolution 4.5. Guidelines for the use of remedial timber treatment**

Small projects to provide basic data to allow an assessment of the potential impact of industry on bat populations

No

Raising awareness of product users is taking place

Yes

Please provide details

>>> Guideline about remedial timber treatment friendly to bats "Określenie wpływu na nietoperze chemicznych środków ochrony drzewa stosowanych w PL".pdf

Legislation on products which have any adverse effects on bats

Doesn't exist

Comments (optional)

>>> No

## **Resolution 5.7. Guidelines for the protection of overground roosts, with particular reference to roosts in buildings of cultural heritage importance**

List of national important overground roosts (including legal/physical protection status)

Exists

Please, give details or links

>>> The list with the most important overground and underground roosts (including legal/physical protection status) was forwarded to the Secretariat during the AC 24 meeting in Macedonia in April 2019

You have attached the following Web links/URLs to this answer.

[Poradnik Ochrony Nietoperzy](#)

National guidelines for custodians of historical buildings on the protection of bat roosts have been developed

No

Summary report on interactions between the relevant cultural and natural heritage agencies (attach a file or provide a description)

>>> The cooperation is going well because the works for the bats have the nature of renovation and renovation

works, Below is a description of a typical activity from 2019.

On October 13, 2019, we helped our pupils living in the Natura 2000 area Kiszewo PLH300037 located in the Notecka Forest near Poznań.

At the request of the Regional Directorate for Environmental Protection in Poznań, we have carried out works there that will provide better protection to the specimens of the large nock, which during their reproduction period inhabit the attic of the church in the village of Kiszewo.

For this purpose, we secured ventilation openings to the attic, thus preventing the access of predators of these mammals, including the barn owl that inhabits the belfry of the church.

We also secured the attic floors of the church against the harmful effects of bat droppings on the wooden structure of the attic.

### **Other activities carried out under this resolution (optional)**

>>> No

### **Resolution 7.6. Guidelines for the protection and management of important underground habitats for bats**

List of important underground sites for bats and measures of their protection (including Natura 2000, Emerald or other status) was submitted to EUROBATS

Yes

When the latest update was submitted?

>>> April 2019.

Updated counts of bats at each listed site are submitted to the Secretariat

No

Management of important underground sites for bats is in accordance with EUROBATS Publication n°2

Yes

Other relevant activities for the protection of underground habitats

>>> No

### **Resolution 8.5. Conservation and Management of Important Overground Sites for Bats**

Most important overground roosts are identified at the national level considering the guidance on site selection developed by the Advisory Committee and using the national databases.

If yes, please give details

>>> The list with the most important aboveground and underground shelters was forwarded to the secretariat during the AC 24 meeting in Macedonia in April 2019

### **Resolution 8.9. Bats, Insulation and Lining Materials**

Are bats included in the impact assessment of insulation programs at a strategic level?

If yes, please give details

>>> Yes.

The buildings should be monitored if they are inhabited by birds or bats before insulation works. The experts should propose the mitigation and compensation measures.

Are any actions undertaken to ensure that insulation projects comply with national legislation regarding bat protection and conservation by implementing appropriate pre-insulation survey and assessment, mitigation and compensation to avoid roost loss and bat mortality?

Please provide information concerning such actions and attach files, if required

>>> There are materials and guides on this issue on the websites of government agencies. Trainings and conferences devoted to this issue are organized

<https://www.gov.pl/web/gdos/Ochrona-ptakow-podczas-prac-termomodernizacyjnych>

Theatre is a social media group of birds and bats in buildings. The group has over 700 members

Also municipal offices prepare local regulations regarding bats, eg "Rules for the protection of bats and birds in buildings during renovation and other works" by the Faculty of Architecture of the Capital City of Warsaw.

### **Resolution 8.12. Purpose-built Man-made Roosts**

Examples provided by the review document included as Annex 1 to Resolution 8.12 are considered whenever new roosting structures are planned or existing structures are renovated for bats

Please give details, if it is the case

>>> PTOPI Salamandra (NGO) has built a winter shelter for bats as the compensation.

Are existing purpose-built Bat Roosts monitored and further studies on their effectiveness promoted?

If yes, please give details

>>> Yes

#### **4. Habitats**

Click "expand" to see the questions!

#### **Resolution 7.8. Conservation and management of critical feeding areas, core areas around colonies and commuting routes**

Other activities carried out under this resolution (optional)

>>> In Management Plans prepared for Nature 2000 areas devoted to bats always is the need of designating the migration routes and foraging areas of the species.

#### **Resolution 7.9. Impact of roads and other traffic infrastructures on bats**

Bats are taken into account during the planning, construction and operation of roads and other infrastructure projects

Yes

Please give details or attach a file with description

>>> Bats are taken into account in the process of assessing the application and granting the permit.

Pre-construction strategic and environmental impacts assessment procedures are mandatory

Are mandatory

Post-construction monitoring

Required occasionally

Raw data from environmental impact assessment and post-construction monitoring is available for independent scientific analysis

No

Research into the impact of new and, where appropriate, existing roads and other infrastructure on bats and into the effectiveness of mitigation measures

Yes

Other activities carried out under Resolution 7.9 (optional)

>>> <https://www.gov.pl/web/gddkia/bezpieczne-bramki-dla-nietoperzy>

#### **Resolution 8.6. Bats and Light Pollution**

Is national guidance taking due account of the EUROBATS Publication Series No. 8 on Bats and Light Pollution developed and promoted? If yes, please give details or attach a file.

>>> No. There is a DarkSkyPoland website that covers bats. The Regional Directorates of Nature Conservation often ask questions about the light pollution in pre-construction impact assessments made for investments

#### **5. Promoting Public Awareness of Bats and their Conservation and Providing Advice**

Click "expand" to see the questions!

International Bat Night. Give details for each year: number of events and number of people participated

>>> Every year, chiropterological conferences are held with approximately 130 participants. The next one is planned for 16-18 September 2022 in Poznań

In addition, bat nights are celebrated every year in various regions of the country, below are a few examples:

On May 4, 2021, Wrocław festival of bats took place.

On September 2, 2019, a team of landscape parks organized the Bat Night. In cooperation with the Biodiversitatis Foundation, the website [zastoperze.pl](http://zastoperze.pl) and the Faculty of Biology and Environmental Protection of the University of Lodz, two lectures were recently conducted in Załęczański Landscape Park and the Wzniesienia Łódzkie Landscape Park.

On August 19, 2018, the International Bat Night took place in Łagiewniki. The experts from our Faculty took care of the high professional level - Dr. Janusz Hejduk (Department of Biological Diversity Research, Didactics and Bioeducation) and Dr. Katarzyna Janik-Superson (Department of Molecular Biophysics).

It is worth noting that over 20 countries from all over the continent are involved in this "bat action", organized annually in Europe since the 1990s. What's more, this year our "Łódź" edition was the only officially reported event of this type in Poland.

Its organizers are the "Biodiversitatis" Foundation, our Faculty, the Complex of Landscape Parks of the Łódź Province, the Łódź Chiropterological Group and the Dzikie Życie monthly.

Employees of forest districts invited the public to participate in bat nights or walks with bats.

You have attached the following Web links/URLs to this answer.

<http://>

[Night of bats](#) - Information about bats night in forest state inspectorate Bełchatów

Details of other important activities which are worth to mention (educational centres, etc.)

>>> Bat centres operate in Nietoperek, Świdnica and Brenna (Beskid Śląski). The stable exhibition on bats in the Museum of Forest in Rogów.

You have attached the following Web links/URLs to this answer.

[Przetrwać zimą](#) - Adaptations of species to winter, including bats

[Drzewo tętniące życiem](#) - Infographic about tree dwellers, including bats

[Kalendarz z lasu 2021/2022](#) - The publication of the calendar from the forest concerns mammals, including bats.

Information on training and awareness raising for forest managers and workers, farmers, road workers, stakeholders involved in insulation of buildings, etc.

>>> Due to the pandemic, all campaigns were only online

#### **Resolution 4.11. Recognising the important role of NGOs in bat conservation**

Details of NGOs participating in /contributing to bat protection and most valuable activities that have the potential to substantially improve transboundary cooperation and mutual assistance

>>> Below is a list of the most important non-governmental organizations that deal with the protection of bats.

Polish Society for the Protection of Bats

Upper Silesia Natural Heritage Center

Ecological Foundation of the Legnica Region "Green Action"

Polish Society for Nature Conservation "Salamandra"

Polish Society of Friends of Nature "pro Natura"

Association for Nature "Wolf"

Association for Nature Conservation of the Stobrawski Landscape Park "BIOS"

Beskidzki Speleoklub Association

Nature Society "Stork"

#### **Resolution 8.13. Insect Decline as a Threat to Bat Populations in Europe**

Awareness of the multiple ecological services provided by bats, especially for the agricultural sector and regarding the concerns about the published evidence of dramatic loss of insect biomass in open land is raised with land managers and other stakeholders.

Please, give details

>>> No data

### **6. Insect declines**

#### **Resolution 8.13. Insect Decline as a Threat to Bat Populations in Europe**

Activities to encourage and support scientific research on the impact of the insect decline on bat populations

Please give details of such activities.

>>> No data

Requirements to ensure that bats are being considered in pesticide risk assessments

Please describe these requirements, in case they exist

>>> List of preparats allowed to use for wood preservation during roof reconstruction in buildings with bat colonies

Describe measures to avoid the use of pesticides, particularly those problematic for bats and their food resources, in and around important areas for bat conservation

Please give details in case such measures have taken place

>>> No data

## 7. International co-operation

Implementation of Resolutions 7.10, 7.12, 8.3, 8.7

Please give information on the international cooperation with the aim of implementing the recommendations of Resolutions 7.10, 7.12, 8.3, 8.7.

>>> The annual counting of bats in the largest Polish underground shelter is carried out with the participation of scientists from abroad

## 8. Diseases

Click "expand" to see the questions!

### Resolution 5.2. Bat rabies in Europe

National bat rabies surveillance network

Yes

Please give details

>>> The Main Veterinary Inspectorate supervises animal diseases, including rabies. Every year, he records cases of disease among wild animals and, if necessary, marks the zones of rabies occurrence and prescribes, for example, vaccinating foxes with a vaccine placed in the bait.

Vaccination of risk groups against rabies is compulsory

No

Details of the institution(s) in charge of recording of all test results and their submission to the World Health Organisation

>>> The Chief Veterinary Officer is responsible for reporting to WHO data on the number of animals tested for rabies and the number of rabies cases <https://www.wetgiw.gov.pl/>

Other activities carried out under this resolution (optional)

>>> Publication:

Failure to Detect Hantavirus in Vesper Bats in Poland

Satoru Arai, Fuka Kikuchi, Janusz Hejduk, Janusz Markowski, Keiko Tanaka-Taya, Beata Sikorska, Shigeru Morikawa, Motoi Suzuki, Paweł P Liberski, and Richard Yanagihara. ACTA SCIENTIFIC MICROBIOLOGY (ISSN: 2581-3226), Volume 3 Issue 2 February 2020

## 9. EUROBATS Projects Initiative (EPI)

Donations to Eurobats Project Initiative

Has your country provided funding to EPI? Please give details below.

>>> No.

## 10. Climate change

### Resolution 8.7. Bats and Climate Change

Resolution 8.7 Bats and Climate Change

Please provide details on changes in species migration, hibernation, reproductive and range shift patterns and consequent species interactions, if those changes have been studied in your country. Add files if required

>>> Ranges of distribution (summer and winter) moving north in *Myotis myotis*, *M. bechsteinii*, *M. emarginatus*, *Rhinolophus hipposideros*, *Plecotus austriacus*. More frequent hibernation of *Nyctalus nyctalus*!!!, *Pipistrellus pipistrellus*, *P. nathusii* and *P. pygmaeus*.

Some studies were carried out:

Long-term changes in winter abundance of the barbastelle *Barbastella barbastellus* in Poland and the climate change – Are current monitoring schemes still reliable for cryophilic bat species?

Iwona Gottfried, Tomasz Gottfried, Grzegorz Lesiński, Grzegorz Hebda, Maurycy Ignaczak, Grzegorz Wojtaszyn, Mirosław Jurczyszyn, Maciej Fuszara, Elżbieta Fuszara, Witold Grzywiński, Grzegorz Błachowski, Janusz Hejduk, Radosław Jaros, Marek Kowalski

Published: February 18, 2020

<https://doi.org/10.1371/journal.pone.0227912>

## 11. Further important activities to share with other Parties and Range States

## Give details or provide links

>>> Over 800,000 PLN co-financing from Norwegian funds went to researchers and practitioners operating in the Polish Society for the Protection of Bats for the protection of the *Barbastella barbastellus*.

*Barbastella barbastellus* is on the Red List of Endangered and Endangered Animals in Poland with the DD category (poorly recognized status) and on the IUCN Red List as a VU.

The main goal of the project is to improve the living conditions of the *Barbastella barbastellus* artificial shelters and supplementing the knowledge on the activity of this bat.

Already in May 2022, 100 boxes for the mopka were hung in the Zielonka Forest.

Monitoring of the colonization of these boxes by bats and detector monitoring of the activity of barbels is planned. It will be an innovative way of sampling the population of a species, which will make it possible to assess changes in its dynamics.

The *Barbastella barbastellus* protection project is implemented in 12 forest areas located in various regions of the country, including: 10 Natura 2000 areas, Kampinos National Park and landscape parks: Bolimowski Landscape Park, Puszcza Zielonka Landscape Park).

100 booths will be hung in all of these places.

The project is implemented by the Polish Society for the Protection of Bats.

The project coordinator is prof. UPP. dr hab. Andrzej Węgiel.

Project co-financed by the EEA Financial Mechanism 2014-2021 under the "Environment, Energy and Climate Change" program.

As a result of the Białowieża Forest inventory - one of its results was obtaining updated information on the bats occurring in this forest.

Research work carried out in national parks was finalized from the Forest Fudusz Tatra National Park

Supplementing the knowledge about bats in the Tatra Mountains in this area during the post-hibernation period

Table Mountains National Park

Bats of the Stołowe Mountains National Park

Kraina Podkowca LIFE+ Podkowiec Towers

The project is carried out by:

Polish Society of Friends of Nature "pro Natura" with partners:

THE GENERAL DIRECTORATE OF THE STATE FORESTS,

ČESKÁ SPOLEČNOST PRO OCHRANU NETOPÝRŮ (Czech Society for the Protection of Bats),

SPOLOČNOSŤ PRE OCHRANU NETOPIEROV NA SLOVENSKU (Society for the Protection of Bats in Slovakia),

CENTRUL PENTRU CERCETAREA ȘI CONSERVAREA LILIECILOR (Research and Conservation Association Bat Center in Romania).

5-year LIFE + Podkowiec Towers project. The project is a component of many activities in Poland, Slovakia, the Czech Republic and Romania. The largest part of the project will be implemented in southern Poland.

As part of the activities, 10 towers for bats, 100 bat huts "BAT HUT" and 5 wintering places for bats "HIBERNAKULA" will be built.

Project mission:

Maintaining and improving the conservation status of endangered bat species in the region of Central and Eastern Europe.

Project goals:

Objective 1: Protection and enrichment of sites of great importance for key species of bats

Detailed objectives:

improvement of breeding and winter shelters in 18 Natura 2000 sites in 4 countries

improvement of the condition of feeding habitats in 6 Natura 2000 areas in Poland and Slovakia

limiting human-bat conflicts in 4 countries

Objective 2: Move from a reactive to a proactive approach in the protection of bats.

Detailed objectives:

providing large replacement hiding places and habitats near the 10 most endangered breeding colonies in Poland

creation of 36 new shelters and introduction of new elements to 10 habitats in Slovakia

creating optimal shelters as a supplement to existing places, most often chosen by bats, where often random factors cause deterioration of the condition and exposure of the population

Optimal shelters offer a range of microclimatic conditions and the proximity of feeding grounds, they will prepare bats for the problems caused by climate change.

Location of shelters close to food sources = optimization of the range of life beyond human settlements = protection of bats against direct human influence (disturbing, killing, transmitting diseases).

Providing the population with expansion opportunities.

Increase the persistence of the population through colony dispersion.

Objective 3: Extending institutional support in the protection of bats

Promoting positive changes in the general public's approach to bats.

Increasing awareness and knowledge among professionals who come into contact with bats.

Expanding the capacities of private individuals and institutions involved in the protection of bats (skills, practical knowledge, motivation).



- Involvement of the State Forests PL in the protection of bats - an institution managing natural resources in 1/3 of the country's area.
- Promote shelters built with bats in mind and habitat enrichment as excellent compensation tools and mitigation solutions.
- Bat-related investments should be adjusted to the problem, monitoring of bat boxes is often insufficient and not very durable.
- Stimulation of follow-up activities and the possibility of duplicating project activities.

Results of research conducted by TPN

The research was co-financed by the forest fund provided to the Tatra National Park by the State Forests.

The impact of large-area disturbances of stands on the bat fauna in the forests of the Tatra National Park

You have attached the following Web links/URLs to this answer.

[Prace naukowo-badawcze realizowane w latach 2012-2018](#)

[The impact of large-area disturbances of stands on the bat fauna in the forests of the Tatra National Park](#)

[Kraina Podkowca LIFE+ Podkowiec Towers](#) - LIFE+ Podkowiec Towers (LIFE20 NAT/PL/001427)

[Ochrona mopka zachodniego w Polsce](#) - @ochronamopka

[Nietoperze Puszcza Białowieska](#) - Biodiversity of fauna Puszcza Białowieska / maps/

## **C. Confirmation**

### **Confirmation of information verification and approval for submission**

#### **Please confirm:**

In addition a scanned copy of an official letter from the relevant state institution, approving the report for submission, can be attached.

I declare that the information provided in the Report on the implementation of EUROBATS has been verified and the report has been approved for submission by the appropriate state institution in the country.

#### **Date of submission**

Fill as follows: dd.mm.yyyy

>>> 02 08 2022