

# EUROBATS National Implementation Report

In the Resolution 7.4, the 7th Meeting of Parties to EUROBATS decided to adopt a new format for the National Implementation Reports and instructed the Secretariat to make this new format available for online completion in time for MoP8.

Present format of national reports was carefully revised by the relevant Intersessional Working Group during the 20th Meeting of the Advisory Committee (2015) in order to include the Resolutions of MoP7 and is now available on the CMS Family Online Reporting System (ORS).

Please visit the Support Centre page in case of any questions regarding the Online Reporting System. The link is available in the bottom left corner.

## A. General Information

Is your country a party to EUROBATS Agreement?

Yes

Competent authority

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

> Israel Nature and Parks Authority

Science Division

3 Am Ve Olamo Street

Jerusalem 9546303, Israel

Telephone: +972-2-5005420

email:

Personal details of administrative focal point (s)

> Dr. Simon Nemptzov

Wildlife Ecologist and Head of International Relations

Israel Nature and Parks Authority

3 Am Ve'Olamo St., Jerusalem 9546303, Israel

Mobile +972-58-5063118

Fax +972-2- 5006281

E-mail [simon@npa.org.il](mailto:simon@npa.org.il)

Compilers and contributors to this report

> Dr. Noam Leader

## **B. Status of bat species within the territory**

Please assess a national status ONLY for those bat species from the Annex 1 to EUROBATS Agreement that were recorded in your country

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

Status of the species occurrence

Resident

Overall national trend

Positive

Status in the National Red List (when it exists)

LC, Least Concern

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

Other

### ***Taphozous nudiventris* (Cretzschmar, 1830)**

Status of the species occurrence

Resident

Overall national trend

Stable

Status in the National Red List (when it exists)

EN, Endangered

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

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

Status of the species occurrence

Resident

Overall national trend

Not studied

Status in the National Red List (when it exists)

EN, Endangered

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

### ***Rhinolophus euryale* Blasius, 1853**

Status of the species occurrence

Resident

Overall national trend

Indeterminate

Status in the National Red List (when it exists)

CR, Critically Endangered

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

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

Status of the species occurrence

Resident

Overall national trend

Stable

Status in the National Red List (when it exists)

EN, Endangered

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

### **Rhinolophus hipposideros (Bechstein, 1800)**

Status of the species occurrence

Resident

Overall national trend

Stable

Status in the National Red List (when it exists)

VU, Vulnerable

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

### **Eptesicus bottae (Peters, 1869)**

Status of the species occurrence

Resident

Overall national trend

Stable

Status in the National Red List (when it exists)

VU, Vulnerable

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

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

Status of the species occurrence

Resident

Overall national trend

Stable

Status in the National Red List (when it exists)

EN, Endangered

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

### **Myotis blythii (Tomes, 1857)**

Status of the species occurrence

Resident

Overall national trend

Indeterminate

Status in the National Red List (when it exists)

CR, Critically Endangered

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

### **Myotis capaccinii (Bonaparte, 1837)**

Status of the species occurrence

Resident

Overall national trend

Stable

Status in the National Red List (when it exists)

VU, Vulnerable

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

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

Status of the species occurrence

Resident

Overall national trend

Indeterminate

Status in the National Red List (when it exists)

CR, Critically Endangered

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

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

Status of the species occurrence

Resident

Overall national trend

Indeterminate

Status in the National Red List (when it exists)

CR, Critically Endangered

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

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

Status of the species occurrence

Resident

Overall national trend

Not studied

Status in the National Red List (when it exists)

EN, Endangered

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

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

Status of the species occurrence

Resident

Overall national trend

Stable

Status in the National Red List (when it exists)

EN, Endangered

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

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

Status of the species occurrence

Resident

Overall national trend

Stable

Status in the National Red List (when it exists)

EN, Endangered

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

### **Otonycteris hemprichii Peters, 1859**

Status of the species occurrence

Resident

Overall national trend

Stable

Status in the National Red List (when it exists)

VU, Vulnerable

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

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

Status of the species occurrence

Resident

Overall national trend

Positive

Status in the National Red List (when it exists)

NT, Near Threatened

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

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

Status of the species occurrence

Resident

Overall national trend

Stable

Status in the National Red List (when it exists)

EN, Endangered

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

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

Status of the species occurrence

Resident

Overall national trend

Stable

Status in the National Red List (when it exists)

EN, Endangered

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

### **Tadarida teniotis (Rafinesque, 1814)**

Status of the species occurrence

Resident

Overall national trend

Stable

Status in the National Red List (when it exists)

NT, Near Threatened

Has the status been reported under the Article 17 of the Habitat Directive or for the Emerald network (non-EU countries)?

No

## C. Measures taken to implement Article III of the Agreement

Does the national legislation protect all bat species?

No

Please, give details of the legislation which is protecting bats

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

[wildlife-protection-regulation-1976](#)

[Wildlife Protection Law 1955](#)

Comments

> At the time Israel joined EuroBats, Israel also submitted an official reservation regarding the species *Rousettus aegyptiacus*.

# **1. 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 to keep bats for educational or animal welfare purposes

In place

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

Exists



## **2. Identified and protected sites which are important to the conservation of bats**

Click "expand" to see the questions!

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

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

Exists

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

No

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

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

No

#### **2.1. List of important underground sites**

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

No

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

Yes

### **3.Consideration given to habitats which are important to bats**

Click "expand" to see the questions!

#### **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

No

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

Awareness of the importance of critical feeding areas, core areas around known colonies and commuting routes for bats exists

Yes

Measures to take bats into account in land use and planning decisions

Yes

Research and monitoring to improve understanding of the use of landscape by bats are ongoing

Yes

National guidelines, drawing on the general guidance published in EUROBATS Publication have been developed

Yes

## 5. Additional actions undertaken to safeguard populations of bats

Click "expand" to see the questions!

### Resolution 2.2. Consistent monitoring methodologies

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

Yes

### Resolution 5.4. Monitoring bats across Europe

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

Yes

Awareness-raising of the importance of underground sites

Yes

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

No

5.14. Monitoring bats in accordance with EUROBATS Publication n°5

Yes

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

Exists

### Resolution 6.6. Guidelines for the prevention, detection and control of lethal fungal infections in bats

5.17. Surveillance for the presence of fungal infections

No

### Resolution 6.13. Bats as indicators for biodiversity

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

Yes

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

[Maarag assessment reports](#)

Please provide details

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

[maarag publications](#)

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

Yes

5.22. Cooperation platforms that facilitate the required data exchange

Exist

### Resolution 7.5. Wind turbines and bat populations

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

Yes

5.3. Pre-construction impact assessments, if possible, undertaken by suitably experienced bat experts

Yes

5.4. National guidelines were developed following Eurobats Pub. No. 6

Yes

National guidelines are implemented

Yes

5.5. Investigations and research for mitigating bat mortality have been undertaken

Yes

Please, list references, attach reports and articles

You have attached the following documents to this answer.

[Bat\\_mortality\\_wind\\_turbines\\_Israel.xlsx](#)

[Bat\\_mortality\\_wind\\_turbines\\_Israel.xlsx](#)

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

If yes, give details

Yes

> Carried out by INPA

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

Yes

5.9. Blade feathering, higher cut-in wind speeds and shutting down turbines are used to reduce or avoid bat mortality

Yes

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

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

Yes

5.24 Pre-construction strategic and environmental impacts assessment procedures are mandatory

Are mandatory

5.25. Post-construction monitoring

Isn't required

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

No

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

No

5.28. National guidelines are developed

Yes

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

5.29. Animal rescue and rehabilitation systems are effective in the country

Yes

5.30. Collaboration between bat rehabilitators and scientists

Doesn't exist

5.31. Bat rehabilitators contribute their data to a national database

Yes

### **Resolution 7.11. Bats and building insulation**

5.32. Are there conflicts between insulation regulations and bat conservation?

No

5.34. Impacts on bats are included in the environmental assessment of insulation programs

No

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

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

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

No

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

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

No

### **Myotis escalerae Cabrera, 1904**

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

No

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

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

No

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

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

No

### **Pipistrellus hanaki Hulva & Benda, 2004**

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

No

### **Pipistrellus maderensis (Dobson, 1878)**

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

No

### **Plecotus kolombatovici Dulic, 1980**

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

No

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

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

No

### **Plecotus teneriffae Barrett-Hamilton, 1907**

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

No

## **6. Recent and ongoing programmes (including research and policy initiatives) relating to conservation and management of bats**

Click "expand" to see the questions!

### **Resolution 2.3. Transboundary programme: species proposals**

6.1. Inclusion of *Myotis dasycneme* and *Pipistrellus nathusii* in transboundary cooperation

No

### **Resolution 2.4. Transboundary programme: habitat proposals**

6.2. National research on underground sites has been undertaken since the last reporting

No

6.3. National research on bats in forests

No

### **Resolution 5.2. Bat rabies in Europe**

6.5. National bat rabies surveillance network

No

6.6. Vaccination against rabies is compulsory

Yes

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

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

[http://  
veterinary\\_services](http://veterinary_services)

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

6.9. National Code of Practice that addresses the context and legitimacy of acquisition, due diligence, long-term care, documentation, relevance and institutional aims

Exists

## **7. Consideration being given to the potential effects of pesticides on bats, and their food sources and efforts to replace timber treatment chemicals which are highly toxic to bats**

Click "expand" to see the questions!

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

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

No

7.2. Raising awareness of product users is taking place

No

7.3. Legislation on products which have any adverse effects on bats

Doesn't exist

### **Resolution 6.15. Impact on bat populations of the use of antiparasitic drugs for livestock**

7.4. Efficient non-chemical methods to control livestock parasites and use of products of least toxicity to non-target species implemented

No

7.5. Research on the use of antiparasitic drugs

No

7.6. Recommendations in Annex I to the Resolution 6.15 are adopted

No

# 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.