

Agreement on the conservation of bats in Europe Update to the National Implementation Report of Ukraine

May 2004

A. General Information

Name of Party: Ukraine

Date of Report:

Period covered: May 2003 – May 2004

Competent Authority:

Ministry of Environmental Protection of Ukraine:

Wildlife Protection Department

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B. Status of bats within the territory of party

1. Summary details of Resident Species

Situation similar to the last report. The Ukrainian Red Data Book is under revision.

2. Status and Trends

Situation similar to the last report. The Ukrainian Red Data Book is under revision.

3. Habitats and Roost Sites

Situation similar to the last report.

4. Threats

Situation similar to the last report.

5. Data Collection, analysis, interpretation and dissemination

Situation similar to the last report.

C. Measures taken to implement Article III of the Agreement

6. Legal measures taken to protect bats, including enforcement action.

Situation similar to the last report.

7. Sites identified which are important to the conservation of bats.

Situation similar to the last report.

Ukrainian specialists identified some another bat important sites in the different part of the country. The measures for their protection are being elaborating.

8. Consideration given to habitats which are important to bats

Situation similar to the last report.

Research about importance of riverine forest habitats for bats has been going on (see point 12c)

9. Activities carried out to promote the awareness of the importance of the conservation of bats

The Xth Teriological School (Annual meeting of the Ukrainian Theriological Society) "Island effects and GIS" (Crimea) on October 7-12, 2003. One of the main topics of the Theriological School'2003 was devoted to the field training of bat censuses. Agenda of the Theriological Schools includes special session devoted to bats and their protection, as well the action "European Bat Night in Ukraine", that includes presentation of scientific findings, slides and pictures, new editions and projects etc.

During 2003, the Rehabilitation Centre for Bats (Kyiv) gives the refuge 25 specimens of 5 bat species.

Activists of Ukrainian Centre for BAT protection are organisers of a row of activities directed to the distribution of information about bats, their biology and necessity of their conservation among broad public. Some publications have been given for magazines and newspapers.

The web-site of UCEBA (<http://kazhan.org.ua>) devoted to bats of Ukraine was built for distribution of information both for specialists and not specialists.

The results of bat investigations carried out by Ukrainian scientists are reflected on publications in the following topics: general and regional reviews of bat fauna, distribution of bats in Ukraine, bat ecology, study of migrations etc. List of papers published in 2002-2003 years by Ukrainian chiropterologists on Ukrainian bat fauna is presented in the Annex 1.

10. Responsible bodies, nominated for the provision of advise on bat conservation and management

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11. Addition action undertaken to safeguard population of bats

Among the topics of Theriological School was the field practice on bat investigation methods. See point 12 too.

12. Recent and ongoing (including research and policy activities) relating to the conservation and management of bats Programmes in progress:

- a) Inventory of bat fauna in some Natural Parks and Reserves in the Carpathian Mts.
- b) Monitoring of cave-dwelling species (Podillia, Crimea, Carpathian region etc.).
- c) "ABC – project" – Atlas of bats of the Carpathians. International project which is coordinated by the Chiropterological Information Center, Krakow, Poland. Chiropterologists from the Czech Republic, Hungary, Romania, Slovakia, Poland and Ukraine participate in it.
- d) "Transcarpathian Riverine Forests, Ukraine". Project started in 2002. Integral part of it is the investigation of bat populations.
- e) "Bats in the castles". Inventory of underground bat shelters in the old castles on the territory of Western Ukraine and elaboration of their protection measures.
- f) First stage of inventory of bat fauna in some underground military objects of the western part of Ukraine.
- g) "Bat census in Crimean caves". Project supported by BP Conservation Programme. Now in the process: started on May of 2004.

13. Consideration being given to the potential effect of pesticides on bats, and efforts to replace timber treatment chemicals, which are highly toxic to bats

Situation similar to the last report.

D. Functioning of the Agreement

14. Co-operation with other Range States

Ukrainian bat workers have co-operations with specialists from UK, Germany, Hungary, Moldova, The Netherlands, Poland, Romania, Russian Federation and Slovak Republic.

The cooperation of the Carpathians states (Czech Republic, Slovak, Poland, Ukraine, Hungary and Romania) in preparation of the Atlas of Bats of the Carpathians ("ABC – project") (see point 12 (c) too).

15. Measures taken to implement Resolution adopted by Meeting of Parties

Resolution 2.4 – Transboundary Programme: Habitat Proposals

The special issue "Novitates Theriologicae": "Cave fauna of Ukraine" is under preparation.

Annex 1. Printed papers on bat fauna of Ukraine for 2002-2004

Articles

- Bashta A.-T. Activity of bats in some conditions of Skolivski Beskydy (Ukrainian Carpathians) // Materials of international conference "People and mountains (in the context of sustainable development)" (14-18 October 2002, Rakhiv). V. 2. Rakhiv, 2002. P. 199–203.
- Bashta A.-T., Krilov K. Bat fauna of the Stradch cave and problems of its protection // Ecological problems of cities and the ways of its solution. Spolom, Lviv, 2003. P. 13-16. (In Ukrainian.)
- Bashta A.-T., Srebrodolska Ye., Dyky I., Mysiuk V. Pond bat (*Myotis dasycneme*) in the western part of Ukraine // Visnyk Luganskogo ped. universytetu. 2002. V. 45, № 1. P. 110-112. (In Ukrainian with English summary.)
- Bobkova O. A. Bat ectoparasite fauna of Podolia // Vestnik zoologii. 2002. V.36, № 2. P. 77–81. (In Russian.)
- Bobkova O. A. Distribution of ixodes (Ixodoides, Parasitiformes) – bat ectoparasites in Ukraine // Vestnik zoologii. 2003. V. 37, № 6. P. 23-28. (In Russian)
- Bobkova O. A. Investigations of ectoparasites of Ukrainian bats // Visnyk Luganskogo ped. universytetu. 2002. V. 45, № 1. P. 113-114. (In Ukrainian.)
- Denisova E. V., Tyshchenko V. Features of reproduction and group behavior of species of bats // Points of the development of Crimea. 2003. I. 15. P. 48-56. (In Russian.)
- Dulitsky A. I., Kovalenko I. S. Materials on Crimean bats in zoological collections of Ukraine and Russia // Points of the development of Crimea. 2003. I. 15. P. 197-210. (In Russian.)
- Godlevskaya E. V. Data on bats of Kerch peninsula (Crimea) // Plecotus et al. 2003. № 6. P. 29-36. (In Russian with English summary.)
- Negoda V. Sex structure of Pipistrellus population (*Pipistrellus nathusii* and *P. pipistrellus*) in Ukraine // Visnyk Luganskogo ped. universytetu. 2002. V. 45, № 1. P. 119-120. (In Ukrainian.)
- Petrushenko Ya., Godlevska O., Zagorodniuk I. Investigations of bats in the Siversky Dinets river basin // Visnyk Luganskogo ped. universytetu. 2002. V. 45, № 1. P. 121-124. (In Ukrainian.)
- Tyshchenko V. Artificial undergrounds as key shelters of bats // Role of protection areas in the biodiversity survey. Kaniv, 2003. P. 290-292. (In Ukrainian.)
- Tyshchenko V. Bats fauna (Chiroptera) of the nature reserve "Medobory" // Role of protection areas of the Western Podillia and Jura Ojcowska in the conservation and bio- and landscape diversities. Grymailiv, 2003. P. 519-540. (In Ukrainian.)
- Tyshchenko V. Current state and ecological peculiarities of *Myotis daubentonii* in Podillia // Visnyk Luganskogo ped. universytetu. 2002. V. 45, № 1. P. 140-149. (In Ukrainian.)
- Tyshchenko V. Importance of zoological gardens for the restoring of threatened species // Biodiversity conservation in Ukraine: state and perspectives. Khimgest, Kyiv, 2003. P. 217-223. (In Ukrainian.)
- Tyshchenko V., Matveev M. Summer bat population in Kamianets-Podilsky town // Naukovy visnyk of natsionalnogo agrarnogo universytetu. 2003. V. 61. P. 126-131. (In Ukrainian.)
- Vlaschenko A.S. Founds of bats in the Kharkov National University's building // Vesnik Khar'kovskogo universiteta. 2002. № 551. (Seriya "Aktualni problemy suchasnoyi nauku v doslidzhennyakh molodykh vchenykh m. Kharkova". part 2.) P. 212-216. (In Russian.)
- Volokh A. M. Forming of the Azov Sea part of the Kuhl's pipistrelle range // Vestnik zoologii. - 2002. - Vol. 36, № 1. - P. 101-104. (In Russian with English summary.)
- Volokh A. M., Karmishev Y. V. Some results of bat ringing in the Crimean mountains // Vestnik zoologii. 2001. V. 35, № 2. P. 99-101. (In Russian with English summary.)
- Zagorodniuk I. V. Bat communities in urban areas: species selection by the frequency of their ultrasonic signals // Reports of the NASU. 2003. № 5. P. 184-189. (In Ukrainian with English summary.)
- Zagorodniuk I. V. Nature of differences in close species: analysis of sibling species of bats // Zoologicjni doslidzhennya v Ukraini na mezhe tysyacholit'. Kryvyi Rig: I. B. I., 2001. P. 142-145.
- Zagorodniuk I. Wild mammals of Kyiv city and tendencies of its urbanization // Vestnik zoologii. 2003. V. 37, № 6. P. 29-38. (In Ukrainian.)
- Zagorodniuk I., Godlevska O. Myotini bats (Mammalia) in the middle part of Dnipro river basin: species composition, distribution, quantity // Vestnik zoologii. 2003. V. 37, № 2. P. 31-39. (In Ukrainian with English summary.)

Short communications

- Denisova E. V. On distribution of *Rhinolophus hipposideros* (Bechstein, 1801) in Crimea // Pryrodnychi nauku na mezhe stolit. Materialy naukovo-praktychnoi konferentsii. Nizhyn, 2004. P. 29-30. (In Russian.)
- Formanjuk O. A., Panchenko P. S. Appearance of *Pipistrellus kuhlii* in outskirts of Odessa (Ukraine) // Theriofauna of Russia and adjacent territories. Moscow, 2003. P. 369. (In Russian.)
- Gashchak S. Interest records from the north of Kyiv and Chernigiv regions // Vestnik zoologii. 2003. V. 37, № 3. P. 64. (In Ukrainian.)
- Gavris G. G., Kotserzhinskaya I. M. Finding of the *Pipistrellus kuhlii* (Chiroptera, Vespertilionidae) at the northern boundary of its distributional range in Ukraine (Shchorski district of Chernigiv region) // Vestnik zoologii. 2002. V. 36, № 6. P. 50. (In Russian.)
- Tyshchenko V. First records of *Myotis brandtii* (Chiroptera) in Podillia (Ukraine) // Vestnik zoologii. 2003. V. 37, № 6. P. 72. (In Ukrainian.)
- Tyshchenko V. M. *Myotis mystacinus* and *M. brandtii* (Chiroptera) from zone of sympatry in Podolia (Ukraine) // Vestnik zoologii. 2003. V. 37, № 6. P. 90. (In Ukrainian.)
- Zagorodniuk I., Petrusenko Ya. V., Kondratenko O. V., Pylypenko D. V. Species composition and abundance of bats in the national nature park "Svjati gory" (Eastern Ukraine) // Vestnik zoologii. 2002. V. 36, № 6. P. 60. (In Ukrainian.)
- Zagorodniuk I., Srebrodolska E. E., Kondratenko O. V. *Myotis brandtii* in Ukraine: results of investigation of zoological collections in Lviv // Vestnik zoologii. 2002. V. 36, № 1. P. 24. (In Ukrainian.)