

Contents

Summary. The issue is devoted to investigations of rare mammal species of Ukraine and adjacent countries and questions of their conservation both at reserved and transformed territories. A special attention was given to questions of estimation and attribution of conservation categories to species which don't have a conservation status. Articles are grouped at five sections.

Editor's preface 5–6

1. Methodology of investigations

<i>Zagorodniuk I.</i> Rare and valuable fauna and criteria of species rarity	7–20
<i>Vishnevskiy D., Kotlyarov O.</i> Estimations of large mammal species abundance in the Chernobyl Exclusion Zone: an analysis of different sources of data	21–27
<i>Gaschak S.</i> About an experience of automatic photography of wild animals in the Chornobyl zone	28–36
<i>Golenko A., Tyshchenko V., Myakushko S.</i> Towards methods of bat preservation <i>ex situ</i> (by the example of <i>Eptesicus serotinus</i> in the Kyiv Zoo)	37–43
<i>Dulitsky A.</i> About conception of «rarity» from the viewpoint of the Crimean red deer status	44–48
<i>Parnikoza I., Zagorodniuk I., Dulitsky A., Godlevska O.</i> Recommendations for compiling of regional red lists	49–52
<i>Parnikoza I.</i> Conservation of Ukrainian steppes: what can be done today?	53–62
<i>Timoshenkov V.</i> A role of small reserved areas and their guard regimes in conservation of rare species of terrestrial mammals (by the example of «Khomutovsky steppe»)	63–72
<i>Shpak A.</i> Bat conservation in Belarus: the history and the current status	73–75

2. Analysis of fauna composition

<i>Antonets N.</i> Rare species of mammals in the Dnipro-Orilsky Natural Reserve	76–79
<i>Gaschak S., Hooper S. R., Makluk Ju., Meeks H., Wickliffe J., Baker R.</i> About species diversity of mice genus <i>Sylvaemus</i> in Ukraine	80–92
<i>Godlevskaya E., Panchenko P., Formanjuk O.</i> New data on cave-dwelling bats of Odessa city vicinities	93–101
<i>Dykyi I., Srebrodolska E.</i> Rare and scanty mammal species of the Shatsk National Park	102–106
<i>Zagorodniuk I., Korobchenko M.</i> Rare fauna of eastern Ukraine: composition and distribution of rare species	107–156
<i>Zaytseva H., Prydetkevich S.</i> Dynamics of occupancy of nest-boxes by arboreal animals at the territory of Kamenetske Pridnistrovja	157–164
<i>Zenina I.</i> Mammal fauna of the «Pripiatskij» National Park from the point of view of its rarity	165–171
<i>Zizda Ju.</i> Rare species in communities of small mammals of the Transcarpathian forest ecosystems	172–181
<i>Zorya A.</i> Levels of abundance and needs for protection of shrews and mouse-like rodents in the Kharkiv province	182–186
<i>Taranenko L., Melnichenko B., Pilipenko D., Diyakov V.</i> Rare species of terrestrial mammals in the Donetsk province: current state and perspectives of protection	187–198

Tovpinets M., Evstafiev I. Rare species of terrestrial mammals in the Crimea: modern state and perspectives of conservations 199–208

3. State of species' populations

Hlynska R. A current state of badger (*Meles meles*) settlements in Medobory Nature Reserve 209–213

Dykyy I., Kus 'nezh O., Mysiuk V. Fauna of bats of Medova cave (Lviv region) and prospects of its protection 214–218

Zharkikh T., Yasynetska N. Route censuses of ungulates in the Chornobyl Exclusion Zone 219–222

Zhyla S. Mountain hare (*Lepus timidus*) in the Polissky Natural Reserve: distribution by biotopes and factors determining it 223–227

Korobchenko M. Northern mole-vole (*Ellobius talpinus*) on the sand areas of the Derkul river valley (Rostov and Luhansk provinces) 228–231

Naglov V., Tkach G. Harvest mouse (*Micromys minutus*) in the Kharkiv province 232–238

Selyunina Z. Influence of intensity of nature management on the state of jerboas populations in the south of Ukraine 239–242

Tokarsky V. Steppe marmot (*Marmota bobak*) as a structural-functional link in steppe biocenoses of Ukraine 243–249

Shevchenko S. Long-eared hedgehog (*Hemiechinus auritus*) in Ukraine: a review 250–258

4. Theriological notes

Antonets N., Shumkova M. Review of *Sicista subtilis* records in the Dnipropetrovsk province 259–261

Bronskov A. Encounter of the stoat (*Mustela erminea*) on the Donetsk ridge 262–263

Zaika S. A new record of *Neomys fodiens* on Eastern Ukraine 264–265

Kovalova O., Kobozeva N., Burdo O., Glazko T. Micronuclei test as method of definition the seasonal alteration of cytogenetic characteristics in mammals 266–269

Kuznetsov V., Zagorodniuk I. Vole *Terricola subterraneus* and shrew *Neomys fodiens* in Luhansk province: analysis of database of SES for 1990–2007 270–271

Savarin A. Occurrence of *Eptesicus serotinus* in South-Eastern Belarus 272–273

Skubak E. Death of bats on roads in the «Sviati Hory» Nature Park 274–275

Stetsula N. *Arvicola scherman* in rodents communities of the National Park «Skolivski Beskydy» 276–278

Cherednichenko V. Role of marmot in steppe biocenose of north-eastern Ukraine 279–280

Shkvyrya M. Aspects of wolf biocenotical relations with other carnivores 281–282

5. Chronicle and information

European Mammal Assessment: totals of IUCN workshop 283–287

The XIII International Theriological school «Rare mammal fauna» 288–291

Mammal fauna of Ukraine needs in urgent and effective threats for protection 292

Mammal species in the regional red list of the Luhansk province 293–294

Eminent Ukrainian theriologists Oleksiy Mygulyn and Yakiv Zubko 295–298

Old issues of zoological line in Ukraine and theriology at pages of «Proceedings of Zoological Museum NAS of Ukraine» 299–307

Issues of «Proceedings of the Theriological School» and rules for authors 308–309

Раритетна теріофауна та її охорона

(Праці Теріологічної Школи. Випуск 9)

за редакцією Ігоря Загороднюка

Наукове видання

Луганськ, 2008. — 312 с.

Здано до друку 11.03.2008. Формат 70x100/16. Папір офсетний. Друк офсетний.
Гарнітура «Таймс». Ум. друк. арк. 19,22. Наклад 350 примірників. Зам. 123.
Приватна друкарня Романа Повча. Вул. Великокам'яна, 31, 04205, Ужгород.
Тел. 8-(0312)-63-87-17, E-mail: povch@mail.uzhgorod.ua.
