Ukrainian Proposal for the Ukrainian-Romanian Transboundary Biosphere Reserve Designation in the Maramorosh Ridge of the Carpathian Mountains

Victoria SHEVCHUK,
Project Leader “Carpathian Primeval Forest Conservation”
Implemented by Ukrainian Society for the Protection of Birds/BirdLife Ukraine
Supported and Funded by Frankfurt Zoological Society

Budapest, 12th December 2019
Aim of Transboundary Biosphere Reserve (TBR) Designation

Ensure the sustainable preservation of the Maramorosh Mountains – one of the largest wilderness area in the Carpathian Mountains

- to preserve the landscape and biodiversity of the Ukrainian and Romanian Carpathians in Maramorosh region
- to balance the environmental situation in the upper basins of the rivers Tysa, Prut and Cheremosh
- to improve the protection of valuable high mountainous natural complexes of the highest ridges of the Eastern Carpathians
- to preserve the cultural and historical heritage of Maramorosh region
- to support sustainable and ecologically friendly economic development in the region
History of TBR Designation Initiatives

- **1996** – *the idea came up*
- **December 10, 2009** – *the Memorandum of Understanding was signed between the Carpathian Biosphere Reserve (Ukraine) and “Muntii Maramuresului” Natural Park (Romania) on designation the Ukrainian-Romanian Transboundary Biosphere Reserve in Maramorosh region*
- **December 20, 2014** – *the TBR Creation Project was supported by the Memorandum on Deepening Cooperation between Maramureș County Council (Romania) and Rakhiv District State Administration and the Rakhiv District Council of the Transcarpathian Region (Ukraine)*
- *the Ukrainian-Romanian TBR designation was supported by the Director, Division of Ecological and Earth Sciences of the Secretary the Man and the Biosphere” (MAB) Programme UNESCO, N. Ishwaran*
- **September 3, 2019** – *the Ministry of Ecology and Natural Resources of Ukraine sent the letter to the Ministry of Environment of Romania in order to continue the international cooperation between Ukraine and Romania on this subject*
Key protected area of the Ukrainian TBR Part (Maramorosh - Chyvchyno-Grynyavskiy Mountain Ridge)
Proposed borders of the Ukrainian TBR Part (Maramorosh - Chyvchyno-Grynyavskiy Mountain Ridge)

Total area: 415,000 ha  Protected areas: 6
Zoning of the Ukrainian TBR Part (Marmorosky - Chyvchyno-Grynyavskiy Mountain Ridge)
Landscape representation of the Ukrainian TBR Part

12 types of Landscapes-50% (total 24)

**Carpathians: Mountainous Landscapes**

- **131-136**: Low-hill terrain with eluvial-deluvial deposits on Paleogene-Cretaceous flysch
- **140-141**: Medium-height mountains with eluvial-deluvial deposits on Paleogene-Cretaceous flysch
- **142**: Medium-height mountains with eluvial-Paleozoic deposits
- **143-144**: Medium-height mountains with eluvial and paleoglacial deposits on Paleogene-Cretaceous flysch
- **155, 157**: Bottomland Landscapes

Index of nature elements in landscapes of Ukrainian TBR Part

Data Source: National atlas of Ukraine (2007)
About **1500** species of higher vascular plants

*Including:*

- **more than 100 species** – *listed in the Red Data Book of Ukraine*
- **more than 150 species** – *listed in environmental conventions in force for Ukraine (Berne, Bonn, CITES)*
- **18 plant groups** - *listed in the Green Data Book of Ukraine*
Primeval and old-growth forests of the Ukrainian TBR Part

In total: 40,000 ha
- Beech primeval forests
- Spruce primeval forests
- Beech-spruce-fir primeval forests
A significant part of the primeval forests, both from the Ukrainian and Romanian sides, are the part of the transboundary site of the UNESCO World Heritage Site “Beech forests and ancient forests of the Carpathians and other regions of Europe”.
Fauna representation of the Ukrainian TBR Part

About 15 000 species

Including:

• **105 species** – listed in the Red Data Book of Ukraine

• **more than 200 species** – listed in environmental conventions in force for Ukraine (Berne, Bonn, CITES)
Cultural and historical heritage of the Ukrainian TBR Part
Thank you for your attention!

Photo by: Sergiy Kantsyrenko, Daniel Rosengren, Sergiy Ryzhkov