

# Ukraine

## Carpathian



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**Declaration date:** 1992

**Surface area:** 53,630 ha

**Administrative division:** Rakhiv, Tyachiv, Khust and Vynohradiv administrative districts of Transcarpathian region

### Human activities:

- Protection of unique and typical natural complexes;
- Biodiversity conservation;
- Ecological monitoring and scientific research;
- Conservation of natural and cultural components of the traditional culture;
- Ecological tourism and regulated recreation;
- Ecological education;
- Promotion of regional sustainable development.

### Protection classifications:

The Carpathian State Reserve was designated in 1968. At the national level it was declared as a biosphere reserve by the Presidential Decree in 1993.



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### Ecological characteristics:

The biosphere reserve has a cluster structure and is composed of 8 separate massifs; It covers all the altitude belts characteristic for the southern maroslope of the Carpathians: foothill oak forests (180-450 m.a.s.l.), mountain beech and mixed forests (450-1000 m.a.s.l.), mountain spruce forests (1.000-1.450 m.a.s.l.), subalpine meadows and crooked woodland (1.450-1.800 m.a.s.l.) and alpine meadows (1.800-2.061 m.a.s.l.); 44.100 ha, or over 82 % of the area is forested, and almost 21.000 ha out of it belong to primeval forests, which are now listed in the UNESCO World Natural Heritage List as components of the serial Ukrainian-Slovak transboundary property "Beech Primeval Forests of the Carpathians"; Vegetation of the reserve is represented by about 400 associations, 102 of which are rare ones, listed in the Green Book of Ukraine; Flora of the reserve contains 3.019 species (1.349 high vascular plant species), 114 of which are rare ones, listed in the Red Book of Ukraine and international conservation lists; Fauna of the reserve contains 4.813 species (306 vertebrate species), 232 of which are rare ones, listed in the Red Book of Ukraine and international conservation lists. 3 species of troglobiont insects - *Duvalius transcarpaticus* (Carabidae, Coleoptera), *Willemia virae* et *Aropalites carpaticus* (Collembola) – are distributed exclusively within the karst caves of the reserve; 23 habitats found in the reserve are globally threatened.



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