IDENTIFICATION OF VIRGIN FORESTS IN UKRAINIAN CARPATHIANS

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Prior to the official approval within the framework of the Carpathian Convention of criteria and indicators for primeval forests, such forests were allocated in two nature conservation of Transcarpathia. Official data as of 2017 are presented in the table.

<table>
<thead>
<tr>
<th>Owner, administrator</th>
<th>County</th>
<th>Based on Forest management plan, edition (year)</th>
<th>Study, edition</th>
<th>Type of property</th>
<th>Altitudine minimum</th>
<th>Altitudine maximum</th>
<th>Total area (ha)</th>
<th>Quantity of plots</th>
<th>The level of the forests protection (fully protected, in progress, not protected)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carpathian Biosphere Reserve</td>
<td>Transcarpathian</td>
<td>2007</td>
<td></td>
<td>state owned</td>
<td>600</td>
<td>1650</td>
<td>15177,0</td>
<td>24</td>
<td>fully protected</td>
</tr>
<tr>
<td>Uzhanskyi National Nature Park</td>
<td>Transcarpathian</td>
<td>2008</td>
<td></td>
<td>state owned</td>
<td>650</td>
<td>1200</td>
<td>942,6</td>
<td>15</td>
<td>fully protected</td>
</tr>
</tbody>
</table>

16119,6
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The location of the beech forests of the Ukrainian-Slovak UNESCO world heritage site
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With the support of the WWF last decade conducted a survey the some part of Carpathian’s forests. As a result, at the end of 2016 is announced the availability of 54 thousand hectares of virgin forests.
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In Ukraine, at the state level, two documents were adopted. They set the requirements for the identification and protection of virgin forest areas.

1. Law of Ukraine on amendments to certain legislative acts of Ukraine concerning the protection of virgin forests in accordance with the Framework Convention on the Protection and Sustainable Development of the Carpathians. (May 23, 2017, No. 2063-VIII)

2. Order of the Ministry of Ecology and Natural Resources of Ukraine "Methodology for determining whether forest areas belong to virgin forests, quasi-virgin forests and natural forests" (May 18, 2018 No. 161)

According to this methodology, virgin forests, quasi-virgin forests and natural forests must be identified, officially approved and protected. They are given the status of “Virgin natural monument (sanctuary)”.
IDENTIFICATION OF VIRGIN FORESTS IN UKRAINIAN CARPATHIANS

Information about virgin forests and quasi-virgin forests that are available in the state forest enterprises of the Ukrainian Carpathians, subordinated to the State Forestry Agency of Ukraine.

<table>
<thead>
<tr>
<th>Name of region</th>
<th>Total area of forests, thousand ha</th>
<th>Area of virgin forests, ha</th>
<th>Area of quasi-virgin forests, ha</th>
<th>Total area of identified forests, ha/%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transcarpathian</td>
<td>588,7</td>
<td>2830,8</td>
<td>2359,4</td>
<td>5190,2 / 0,88</td>
</tr>
<tr>
<td>Ivano-Frankivsk</td>
<td>456,6</td>
<td>4175,2</td>
<td>1816,5</td>
<td>5991,7 / 1,31</td>
</tr>
<tr>
<td>Lviv</td>
<td>478,2</td>
<td>0</td>
<td>71,2</td>
<td>71,2 / 0,01</td>
</tr>
<tr>
<td>Chernivtsi</td>
<td>234,4</td>
<td>296,0</td>
<td>534,3</td>
<td>830,3 / 0,35</td>
</tr>
<tr>
<td>Total amount</td>
<td>7302,0</td>
<td>4781,4</td>
<td></td>
<td>12083,4 / 2,01</td>
</tr>
</tbody>
</table>

All the mentioned areas have official status, which is confirmed by documents of regional state administrations.
IDENTIFICATION OF VIRGIN FORESTS IN UKRAINIAN CARPATHIANS

Location of virgin forests and quasi-virgin forests that are available in the state forest enterprises of the Ukrainian Carpathians, subordinated to the State Forestry Agency of Ukraine
Conclusions and suggestions
1. For Ukraine, it is necessary to clarify the data on virgin forests and quasi-virgin forests:
   combine all areas of virgin forests and quasi-virgin forests with contiguous boundaries into one massif;
   for all separated arrays, provide information about the location of their borders.
2. At the level of the Working Group on Sustainable Forest Management and the International Secretariat of the Carpathian Convention, it is expedient to prepare a decision on the international harmonization of requirements for virgin forests (quasi-virgin forests) in all countries located in the Carpathians.
3. Organize the activities of a special commission of the international level to analyze the validity of official decisions on the classification of the territory as primeval forests in different countries.
THANK YOU FOR ATTENTION!

Volodymyr Korzhov, UkrRIMF