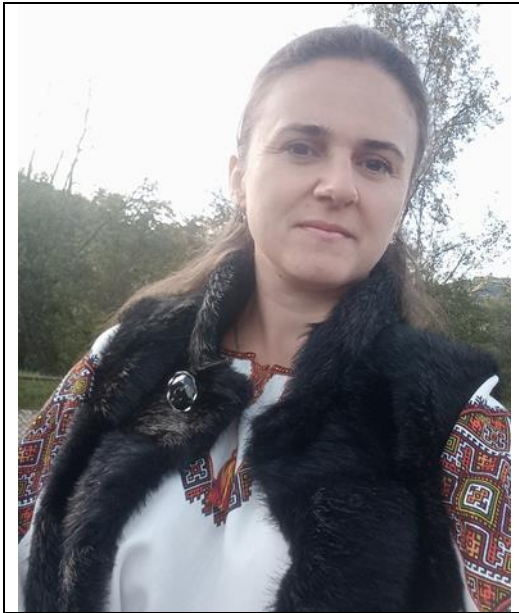


**Summer Field School [Online] on  
 MOUNTAIN ECOSYSTEMS AND RESOURCE MANAGEMENT  
 Ivano-Frankivsk Region, Ukraine :: 19-28 September, 2021**

**DELEGATE PARTICIPANT'S PROFILE**

	<p><b>Dr. Mariia Tomych</b>  <i>Head of the Laboratory of Ecological Monitoring</i>          Scientific Research Department          National Nature Park "Hutsulshchyna"          Ministry of Environmental Protection and Natural Resources</p> <p>Kosiv, Ivano-Frankivsk region, Ukraine          Tel: +38-097-751-35-98          Email: <a href="mailto:maritom82@ukr.net">maritom82@ukr.net</a></p>
<b>Highest Education</b>	Ph.D. (Botany)
<b>Personal Statement</b>	<p>Dear colleagues! Further I would like to say a few words in order to present myself as the delegate participant for the forthcoming Summer School on 'Mountain Ecosystems and Resource Management'. I am PhD in Botany, head of the laboratory of ecological monitoring, scientific-research department of National natural park "Hutsulshchyna" of Ministry of Environmental Protection and Natural Resources of Ukraine. In 2004 graduated Vasyl Stefanyk Precarpathian National University and obtained degree of Master in Biology. During 2004-2006 studied in the Department of Postgraduate and Doctoral Studies of the same University. In 2007 started working in the NNP "Hutsulshchyna" and continued to study the flora and vegetation of Kosiv region. In 2020 defended dissertation thesis "Flora of the National Natural Park "Hutsulshchyna" and adjacent territories: it's analysis, ways of saving and protection." and obtained Ph.D.</p>

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	degree in Botany. Academic interests include botany, floristic, phytosozology, protection of the environment. Having over 25 academicians published works, including books and papers in botanical journals.
<b>Paper/Presentation Title (Unpublished Research or Review or Field Work)</b>	<i>High Altitude Differentiation of Flora of the National Nature Park "Hutsulshchyna" (Ukrainian Carpathians) and Adjacent Territories</i>
<b>Keywords</b>	Flora; Geographical analysis; Zoning; Altitude type of habitat; Rare species
<b>Abstract (100-300 words)</b>	<p>The paper presents geographical high-altitude analysis with using W. Rothmaler's vertical zone scheme: alpine, subalpine, mountain and plain zones. There is a border between the Carpathians and Precarpathian on the territory of the NNP "Hutsulshchyna". That's why, the mountain-plain group of species prevails in the analyzed flora, the rest of the groups make only one third of the species: plain, subalpine-plain, subalpine-mountain, alpine-plain, mountain, alpine-mountain. A part of the territory of the NNP "Hutsulshchyna" belongs to the plain height zone. Therefore, the second largest group is the Plain Species Group. 10.4% species of higher vascular plants of NNP "Hutsulshchyna" belong to groups with wide range of altitude (subalpine-plain, subalpine-mountain, alpine-plain, alpine-mountain). Mountain species is mainly Carpathian endemics or species of the mountain zone of Central Europe Mountains.</p> <p>The distribution of rare species according high-altitude differentiation is as follows: the mountain-plain group is dominant, other groups make less than a half of species. More than a half of mountain-plain species are included into the Red Book of Ukraine (RBU). The number of Orchidaceae is also high – 24 species. The only group missing from the analyzed flora – is plain species. It indicates clear connection of rare flora element with mountain territories.</p>
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