

Agroforestry in Slovenia



Forest Garden

- ▶ A forest garden has been in the making for 12 years in the northwestern part of Slovenia. The owner creates a forest garden for food self-supply. The soil is very poor and holds water poorly, so the owner built ponds that he uses for watering. The ponds enabled the development of animal species in the surrounding area. The biotic diversity of animals has increased.
- ▶ [Gozdni Vrt y GOZDU – Užitni Permakulturni GOZDNI VRT \[wordpress.com\]](http://Gozdni.Vrt.y.GOZDU-UZitni.Permakulturni.GOZDNI.VRT[wordpress.com])



Forest Garden

- ▶ The owner of the forest Garden planted fruit trees in the forest garden - apple, pear, cherry, sour cherry, plum and walnut trees, which were to be a key part of the garden in the following decades. He also planted some useful types of perennials - peppermint, Jerusalem artichoke, lemon balm and comfrey. He planted clover and lupins to add nitrogen.
- ▶ [Gozdni Vrt y GOZDNI – UZITNI Permakulturni GOZDNI VRT \[wordpress.com\]](http://Gozdni.Vrt.y.GOZDNI-UZITNI.Permakulturni.GOZDNI.VRT[wordpress.com])



Mountain pasture in Slovenia

- ▶ Mountain pasture is an important part of Slovenian sustainable farming, which occurs from the NW to the NE part of Slovenia (Alps area).
- ▶ In this way, pasture areas at higher altitudes are preserved, overgrowth is prevented, hilly parts are cheaply maintained, and livestock - cattle, small animals and even horses - spend a good part of the year in nature, where their well-being is best taken care of.
- ▶ [Na planinski paši v Zgornji Krmí | Kmečki Glas \[kmeckiglas.com\]](#)
- ▶ [Planinsko pašništvo | Triglavski narodni park \[tnp.si\]](#)



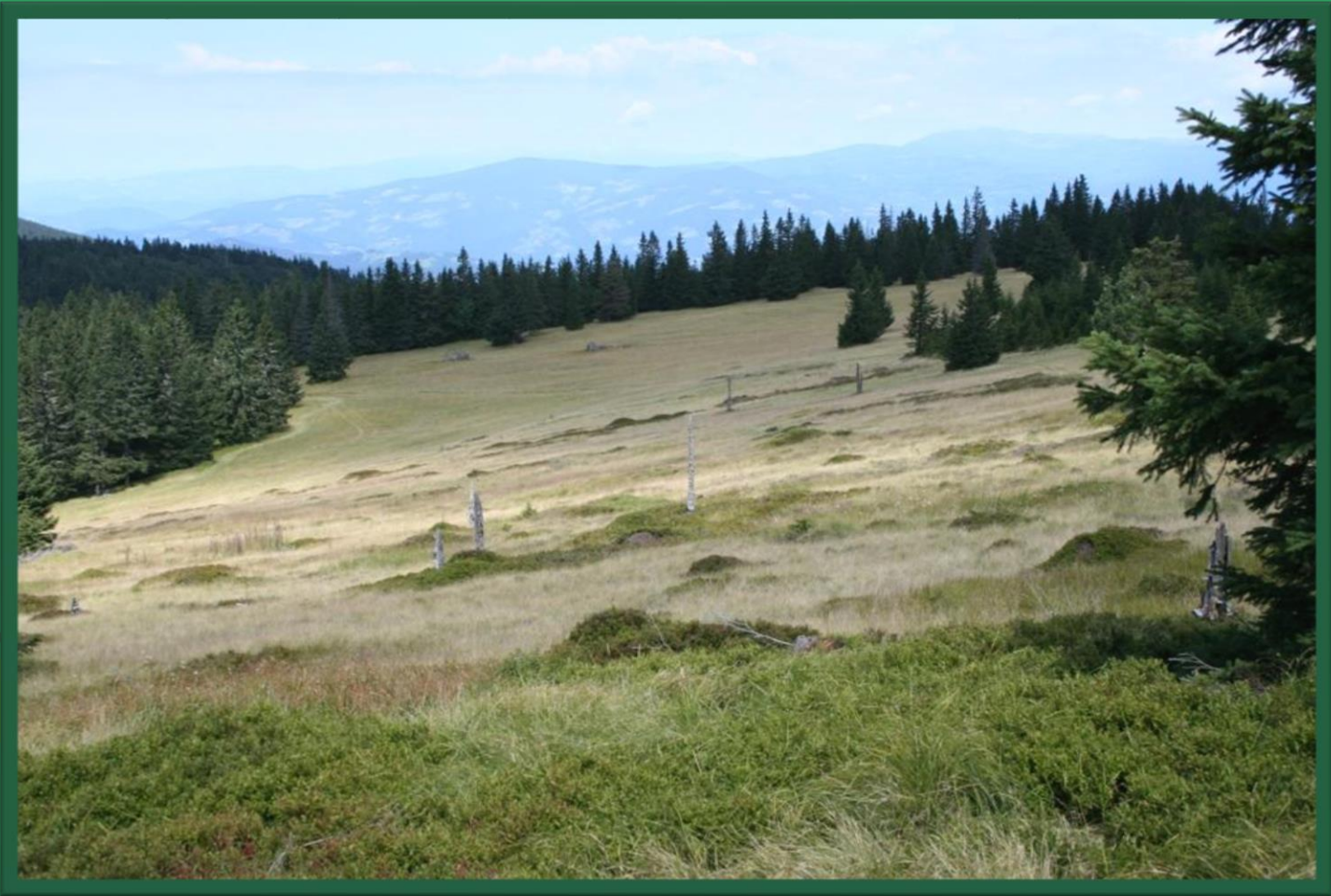
Mountain pasture in Slovenia

- ▶ Pasture animals are part of mountain tourism and children's education (school in nature).
- ▶ [Na planinski paši v Zgornji Krmi](#) | Kmečki Glas ([kmeckiglas.com](#))
- ▶ [Planinsko pašništvo](#) | Triglavski narodni park ([tnp.si](#))



Pohorska planja

- ▶ Sheep were raised in Pohorje (NE part of Slovenia) as early as the 15th century. Livestock were initially pastured on forest pastures, but later they were cut down. Over time, the meadow ecosystem developed, grasslands - known as Pohorska planja - were created. Today, the characteristic landscape of Pohorje is a mix of forest and grasslands, where cattle still pasture.
- ▶ [Pohorske strmine poleti paša za živino - RTV SLO](#)
- ▶ [Da se Pohorje ne bi zaraslo - Gore Ljudje \(gore-ljudje.si\)](#)
- ▶ [Pohorje - Grasslands \(ifetograsslands.si\)](#)



Pohorska planja

- ▶ Pohorska planja are one of the most diverse living environments. As many as 80 plant and animal species can be found on one square meter. Pohorska planja are excellent pasture for bees, so beekeeping is very developed in this area.
- ▶ [Pohorske strmine poleti paša za živino - RTV SLO](#)
- ▶ [Da se Pohorje ne bi zaraslo - Gore Ljudje \(gore-ljudje.si\)](#)
- ▶ [Pohorje - Grasslands \(lifetograsslands.si\)](#)



Mejice

- ▶ Mejica is a compact line of woody vegetation (trees or shrubs) at least 10 meters long and at most 20 meters wide. The species differ between regions, but in most cases species such as blackberry, rosehip, blackthorn, hazel, black elder, hawthorn, red dogwood, oak, elm, maple, ash grow in mejica.
- ▶ [Navodila_KRA_MEJ_2019_koncna.pdf \(gov.si\)](#)
- ▶ [Zasaditev mejic – Drava Natura 2000 \(drava-natura.si\)](#)
- ▶ <https://natura2000.gov.si/novica/vloga-mejic-v-kmetijstvu-kako-jih-ohranjamo/>
- ▶ <https://www.natranjski-park.si/projekti/eip-165-mejice>
- ▶ <https://www.pitekija-on.net/lokalno/20732/ohranimo-in-vmimo-mejice.html>

Mejice

- ▶ Mejica are a habitat that is a rich source of food for birds, bees and other wild animals, they are a refuge for agricultural beneficial birds and insects (pollination, biological control of pests - birds and predatory insects), they reduce the leaching of nutrients and residues of phytopharmaceuticals into groundwater, reduce the negative impacts of climate change (carbon storage), are a renewable energy source as they provide firewood, reduce the carbon footprint, offer protection to pasturing animals from heat and rain, discourage wild animals (deer, wild pigs) from agricultural land...

- [Navodila_KRA_MEJ_2019_koncna.pdf \(gov.si\)](#)
- [Zasaditev mejic – Drava Natura 2000 \(drava-natura.si\)](#)
- <https://natura2000.gov.si/novica/vloga-mejic-v-kmetijstvu-kako-ih-ohranjamo/>
- <https://www.natranjski-park.si/projekti/elp-165-mejice>
- <https://www.priekija-on.net/lokalno/20732/ohranimo-in-vrnimo-mejice.html>



Steljniki

- ▶ Steljniki are agricultural areas overgrown with rare birch forest, red pine, eagle fern and foxglove, which are pastured or mowed regularly, at least once a year. The fern is dried and used as bedding for cattle, horses and other farm animals. There are also various mushrooms, butterflies, insects, orchids and other animals. Litter and other plants usually cover more than 80% of the ground. Trees with crowns cover less than 75% of the area. Steljniki are listed in Natura 2000 as a natural heritage and are protected. They are typical of the Bela krajina in SE Slovenia.

- ▶ <https://sl.wikipedia.org/wiki/Steljnik>

- ▶ <https://www.odkrijtebelakrajino.com/vinnerski-steljniki>



Hazelnuts in the home garden

In the past, hazel was a typical shrub at the edge of the forest in Slovenia. It was considered a wild plant for a long time. Hazel can now be found in many gardens. Hazel is often planted where other plants grow less well. Hazel is a pioneer species and overgrows abandoned agricultural areas. It prevents soil erosion and drying out, and with fallen leaves it improves their composition.

<https://www.klubgaja.com/si/vrtnarski-nasveti/6508-Kako-do-lesnikov-v-domacem-vrtu>

<https://zelenisvet.com/leska-gojenje/>

<https://www.gozd-les.com/slovenski-gozdovi/armavnice/leska>

<https://www.kmetija-krajncic.si/pridelava-lesnikov/ostriba-nasada/>



Hazelnuts in the home garden

- ▶ Hazelnuts are a food rich with nutrients and vitamins. At the same time, the hazel offers excellent wind protection. The leaves are food for the caterpillars of many butterflies. Many animals eat hazelnuts. Hazel wood is used to make baskets, rakes, for firewood...
- ▶ <https://www.ljubljana.com/si/vrtarski-na Sveti/8508-Kako-je-lesnikov-v-domacem-vrtu>
- ▶ <https://zelenisvet.com/leska-ujenje/>
- ▶ <https://www.gord-les.com/slovenski-gardovi/grmovnice/leska>
- ▶ <https://www.kmetija-krajnc.si/pridelava-lesnikov/osirba-nasada/>

