

-
- Visegrad Fund
-
-

Forest Training Enterprise Masaryk Forest Křtiny Field trip Guide

Petr Kupec, Petr Čech, Sylva Dvořáková

Department of Landscape Management

Mendel University in Brno, Czech Republic

The project is co-financed by the Governments of the Czechia, Hungary, Poland and Slovakia through Visegrad Grants from International Visegrad Fund. The mission of the fund is to advance ideas for sustainable regional cooperation in Central Europe.

Content

- Description of Forest Training Enterprise MF Krtiny
 - History
 - Present
- Excursion „guide“
 - Krtiny Castle
 - Dyk´s nurseries
 - Krtiny Arboretum
 - Experimental microwatersheds

Forest Training Enterprise MF Krtiny



Forest Training Enterprise MF Krtiny

History

- the oldest training estate in the sector of the CR Ministry of Education
- established in 1923 mainly for Faculty of Forestry and Wood Technology support
- was struggled for already by one of the first VŠZ chancellors, Professor in forest management Rudolf Haša (1881-1963)

Forest Training Enterprise MF Krtiny

History

- at the time of German occupation (1939-1945) was renamed to Training Forest Farm
- after war Training Forest Farm was renamed back to Training Forest Establishment
- after 1989, the Enterprise focused on due forest management, improvement of demonstration teaching objects for students of forestry disciplines and later also landscape engineering

Forest Training Enterprise MF Krtiny

Present time

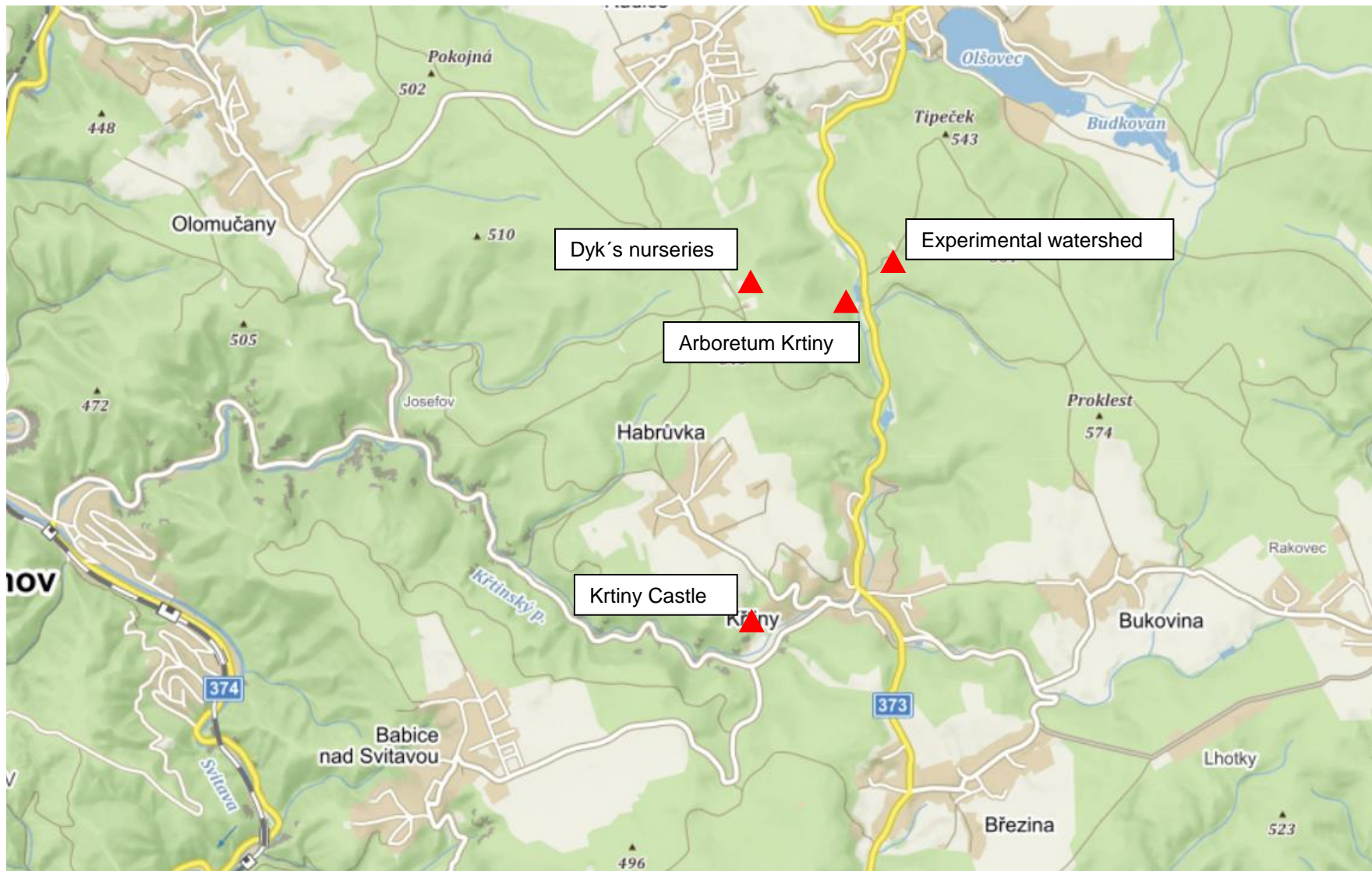
- area of 10,265 ha (with a total MENDELU land property area being 10,492 ha)
- altitudes ranging from 210 to 575 m a.s.l.
- dominated mostly by mixed woods with 46% of coniferous- and 54% of deciduous tree species revealed 116 forest types situated in 4 forest altitudinal vegetation zones
- mean annual temperature of 7.5 °C and mean annual precipitation of only 610 mm

Forest Training Enterprise MF Krtiny

Present time

- parent rock formed by granodiorites, Culmian grawacks and limestones
- main tree species - spruce, pine, larch for conifers and beech and oak for broadleaves
- application of mild forest management methods with a minimum of clearcuts and with the use of natural regeneration

Excursion „guide“



Excursion „guide“

Krtiny Castle

- Former Lichtenstein castle
- Rebuilt for educational and social centre
- Accomodation, gastronomy



Excursion „guide“

Dyk's Nurseries

- provide counselling in ornamental gardens offering over 250 ornamental tree and shrub species
- offers forest tree species transplants cultivated from own sources occurring in the University forests – Natural Forest Region no. 30 Dražanská vrchovina Upland



Excursion „guide“

Arboretum Krtiny

- Established by prof. Augustin Bayer
- One of the most famous collections of forest tree species over Europe
- Unique collection of willow tree species



Excursion „guide“

Experimental watersheds

- 4 experimental watersheds located in the area of FTE
- each of them covered by different dominant tree species
- Permanent measurement of water balance parameters



Thanks for your attention