

Alluvial forests of long term seated landscape in the centre of the Považský Inovec Mts.

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In the area of the Stará and Nová Lehota villages strongly dissected lower highlands surround centre part of the mountains, which continuous to medium dissected lower highlands with the Inovec peak (1042 m). Relief creates one of the most face markedly inverse areas in the Slovakia.

Alluvial forests

Association:
Stellario-Alnetum glutinosae
Lohmayer 1957
(suballiance
Alnetion glutinoso-incanae Oberdorfer 1953)

Biodiversity:
spring areas
(SWI 2,92)

Protected taxons:
Orchis militaris
Listera ovata

Status of the biotope:
B – favourable:
good

Protected areas in the region of Stará and Nová Lehota villages



Settlements locations and hill-forts

- Venus from Moravy.
(Moravy nad Váhom village)



www.pic.piestany.sk



Hill-fort with with great-moravian grandee archery (Ducové village)

Čertova pec Cave
(Radošina village)



www.idemenahuby.sk



www.geocaching.sk

Hill-fort Valy (Bojná village)



www.rotundajurko.sk

St. Juraj Rotunda
(Nitrianska Blatnica village)

Founds from Bronze Age and halstadt age, from era of early Roma Empire, era of migration, from the course of 5. century and beginning of 9. century (Bojná village)



www.bojna.sk

Hoary flow line

-Považie region – valley of Modrovský stream
– boundary line of catchment under Bezovec hill – valley of Bojnianka brook – Ponitrie region



Photo: D. Babicová

In the centre of mountains we can find floodplains like these



Photo: D. Babicová

Isles of alder-tree in the floodplains are indicative of theirs primal extension and extent



Photo: D. Babicová

Alder-trees vegetate in the amount of 380 m

Ekosozological important areas

- **Hradná dolina:** biotope 91Eo* Mixed ash-alder alluvial forests of temperate and Boreal Europe

- NNR Javorníček
- NR Kňazí vrch
- NR Mokvavý prameň
- NR Dubový vršok
- NR Švibov
- NR Holé brehy

Influence of the settlement on floodplain forests

Decreasing of area: Stará and Nová Lehota, Bojná villages, III. Clas road connecting Bojna village with Piešťany, forrest and rural roads, fields and arable land, drainages
Worsen health condition of alder-tree: wet-rot, cancer, fungushes, necrosis