

ACTIVITIES IN DOBROČSKÝ PRALES NATIONAL NATURE RESERVE (NNR) during the reported season 2021/2022



September 2021 – August 2022

Field work continued as part of a research project entitled "Trade-offs between biomass production and biodiversity in beech-fir forests under changing environmental conditions (PROBIOFOR). The research activities of the PROBIOFOR project were focused at continuous monitoring of forest microclimate, soil characteristics, recording of stand structure with a drone, continuous monitoring of seasonal growth of the main tree species.



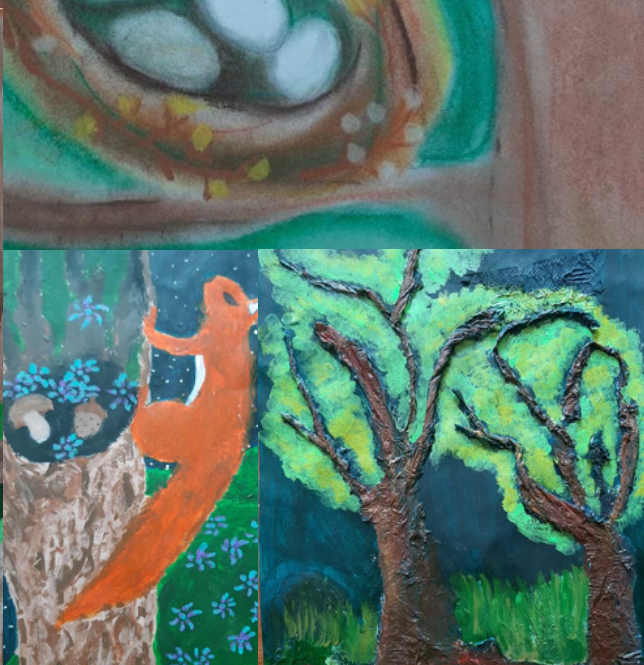
October 2021

The Open Day of the Dobročský prales NNR was organised. The excursion through the reserve, including the core zone, was prepared for forty local residents who have never been in this primeval forest.



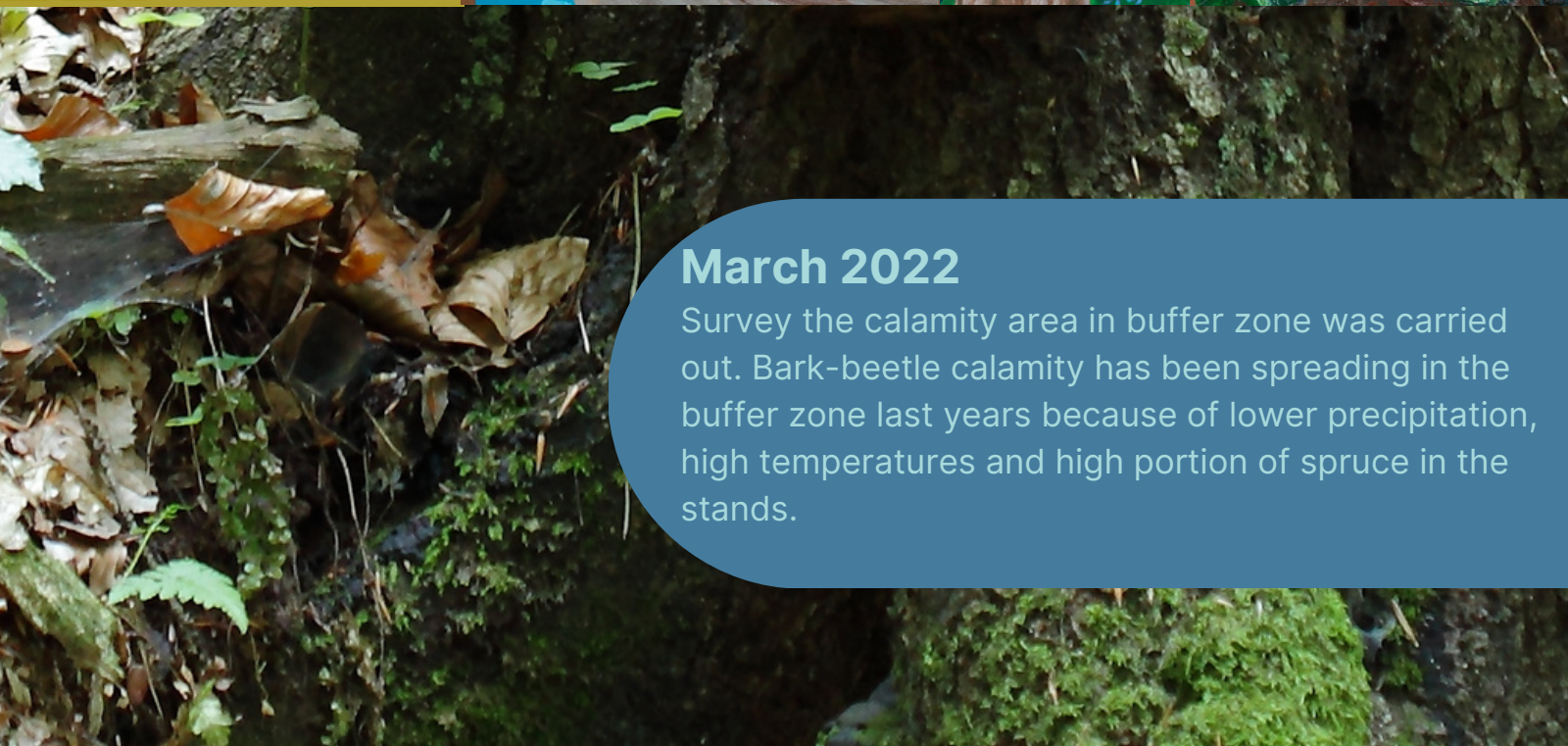
February 2022

The art contest "Life in the Primeval Forest" was announced. Pupils of primary art schools were invited to depict their ideas about life in the Dobročský prales NNR.



March 2022

Survey the calamity area in buffer zone was carried out. Bark-beetle calamity has been spreading in the buffer zone last years because of lower precipitation, high temperatures and high portion of spruce in the stands.



April 2022

Excursion for students from secondary school in Detva, as well as their peers from abroad (Croatia, Norway) who visited this schools within the framework of the Erasmus Plus was organised. There was also a discussion on the topic of biodiversity and primeval forests, which was enriched by the exchange of information and experiences of the foreign participants.

The new exposition was handed over in the open-air museum in the Vydrovská dolina Valley. It was installed in the summer house, which was built for this purpose already in the previous reported period.



May 2022

Excursion for children from primary school in Brezno, as well as their peers from abroad (Croatia, Czech Republic, Poland and Cyprus) who visited this school within the framework of the Erasmus Plus was organised. At the end, the young people sent a greeting from the primeval forest in their native language (<http://chkopolana.sopsr.sk/odkazy-mladych-z-dobrocskeho-pralesa/>).

Excursion for children from art schools who participated in the above-mentioned art competition. After completing the excursion in the core area of the reserve, the children tried to create their impressions and experiences from the forest on a nearby meadow.



June 2022

The professional jury selected the winners of the art competition in two categories (<https://chkopolana.sopsr.sk/vyhlasenie-vitazov-zivot-v-pralese/>).

July 2022

Survey the calamity area in buffer zone was carried out again. During the inspections, dense rejuvenation of native tree species was observed in the stand floor.

All relevant organizations met to set the visitors rules because of intensive research (PROBIOFOR project) in the reserve.



July – August 2022

Artworks from the art competition were exhibited in the open-air museum in the Vydrovská dolina Valley. Monitoring of invasive alien plant species (IAP) in the Dobročský prales NNR and adjacent area confirmed the presence of only one species Canadian goldenrod (*Solidago canadensis*).