



REPUBLIC OF ESTONIA
MINISTRY OF EDUCATION
AND RESEARCH

UNESCO ASPNET BSP PHENOLOGICAL STUDIES 2021 REPORT

The aim of the phenological studies is to observe when spring appears in the different countries around the Baltic Sea – to keep an eye on the spring signs by learning 23 species on the worksheet and marking down when and where the species was observed. Spring signs watch lasted from the end of February till the beginning of June.

Participants entered data about their observations in [this Padlet worksheet](#). There were students and teachers from 12 schools in Latvia, Lithuania, Estonia, Finland, and Poland who submitted their data to Padlet. In addition, groups from 5 Estonian schools completed the [paper worksheet](#) and submitted it to program manager Marje Loide. The observations were mostly made near the schools, in home gardens and nearest forests.

The first observation of **Skylark** (*Alauda arvensis*) was made on 27th February in Estonia. The latest arriving birds were **House martin** (*Delichon urbica*), observed on 1st May in Salacgriva, Latvia, and **Cuckoo** (*Cuculus canorus*), observed on 5th May in Salacgriva, Latvia.

The first blooming flower was **Snowdrop** (*Galanthus nivalis*), observed on the 15th February in Katowice, Poland. The last of all bloomed the **Dog-Rose** (*Rosa canina*) – observed firstly on 15th May in Katowice, Poland and almost a month later, on 7th June in Latvia and Estonia.

You can find data on other species in the [Padlet worksheet](#).

Thank you to all the participants for contributing to this year spring watch!

- Latvia: Salacgriva secondary school, Babite Secondary school, Vecumnieki Secondary school, Sala secondary school
- Lithuania: Raseiniai Viktoras Petkus school, Alytaus dainavos progymnasium
- Estonia: Tallinn 21st school, Lihula gümnaasium, Kohtla-Järve Maleva school, Tartu Nature House, Kohtla-Järve Täiskasvanute gümnaasium, Põlva school, Pärnu-Jaagupi school, Palade school
- Finland: Kaitaan koulu
- Poland: Szkoła Podstawowa nr 34 im. M.Kopernika

Marje Loide, Phenological studies program manager in Estonia

Maria Ivanova, BSP Estonian National coordinator