



2020 Spring Tree Campaign Builds a Bridge between Ukraine, Croatia and Czech Republic

International cooperation





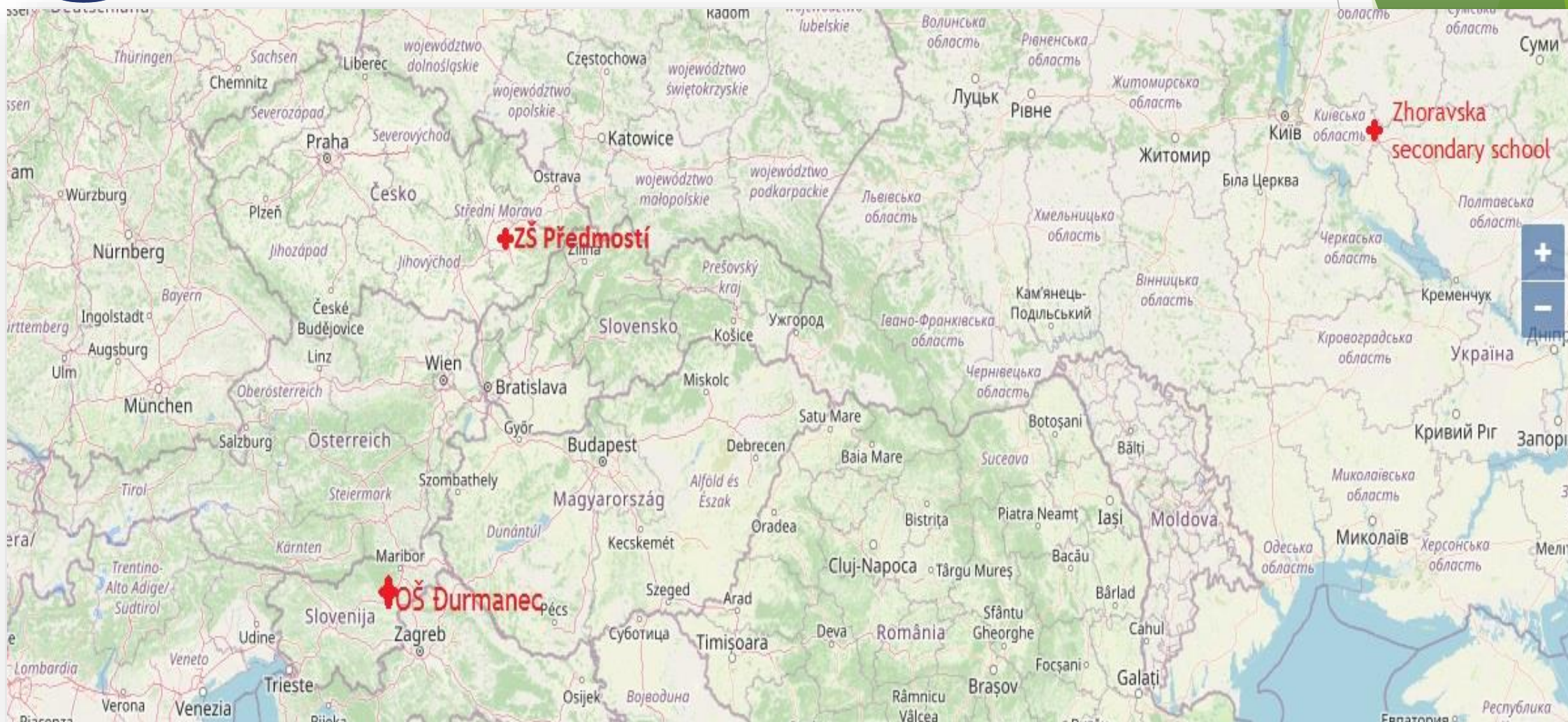
THE GLOBE PROGRAM



- ▶ The collaboration between Ukraine, Croatia and Czech Republic started in March and lasted three months. The three -month collaboration connected schools the three countries through spring birch tree changes observations.
- ▶ Schools observed seasonal changes of birch trees as a part of the European Phenology Campaign, exchanged results, and met new friends and colleagues.
- ▶ Due to the coronavirus pandemic, cooperation did not stop during that time.
- ▶ Students conducted research about birch birch trees, and exchanged photos.

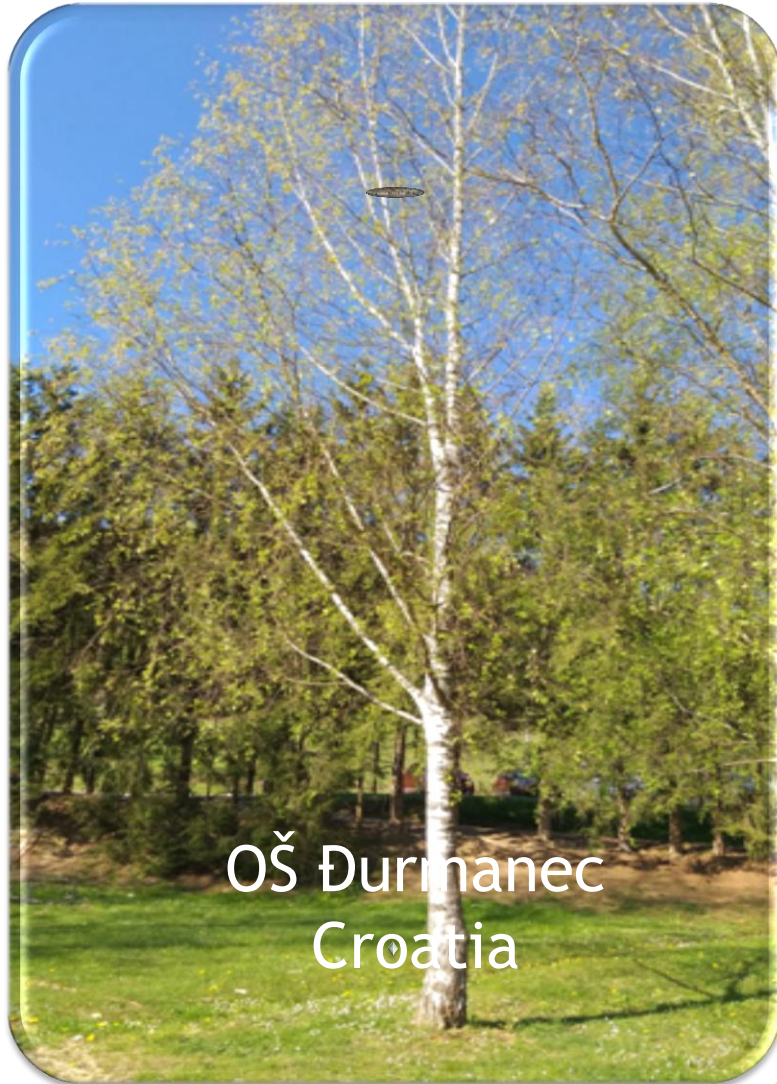


Partner schools on the map of Europe





Our birch trees





During the campaign partner schools received two badges:
Data entry and Collaboration





March 2020



Zhoravska secondary school
Ukraine





April 23, 2020

Here is the foto of our birch.

Leaf 1 - 32 mm

Leaf 2 - 27 mm

Leaf 3 - 30 mm

Leaf 4 - 29 mm



Zhoravska secondary school
Ukraine



May 6, 2020

Zhoravska secondary school Ukraine



Here is the foto of
our birch.

Leaf 1 - 64 mm

Leaf 2 - 64 mm

Leaf 3 - 70 mm

Leaf 4 - 68 mm



May 25, 2020

Zhoravska
secondary school
Ukraine



Here is the foto of
our birch.

Leaf 1 - 76 mm

Leaf 2 - 80 mm

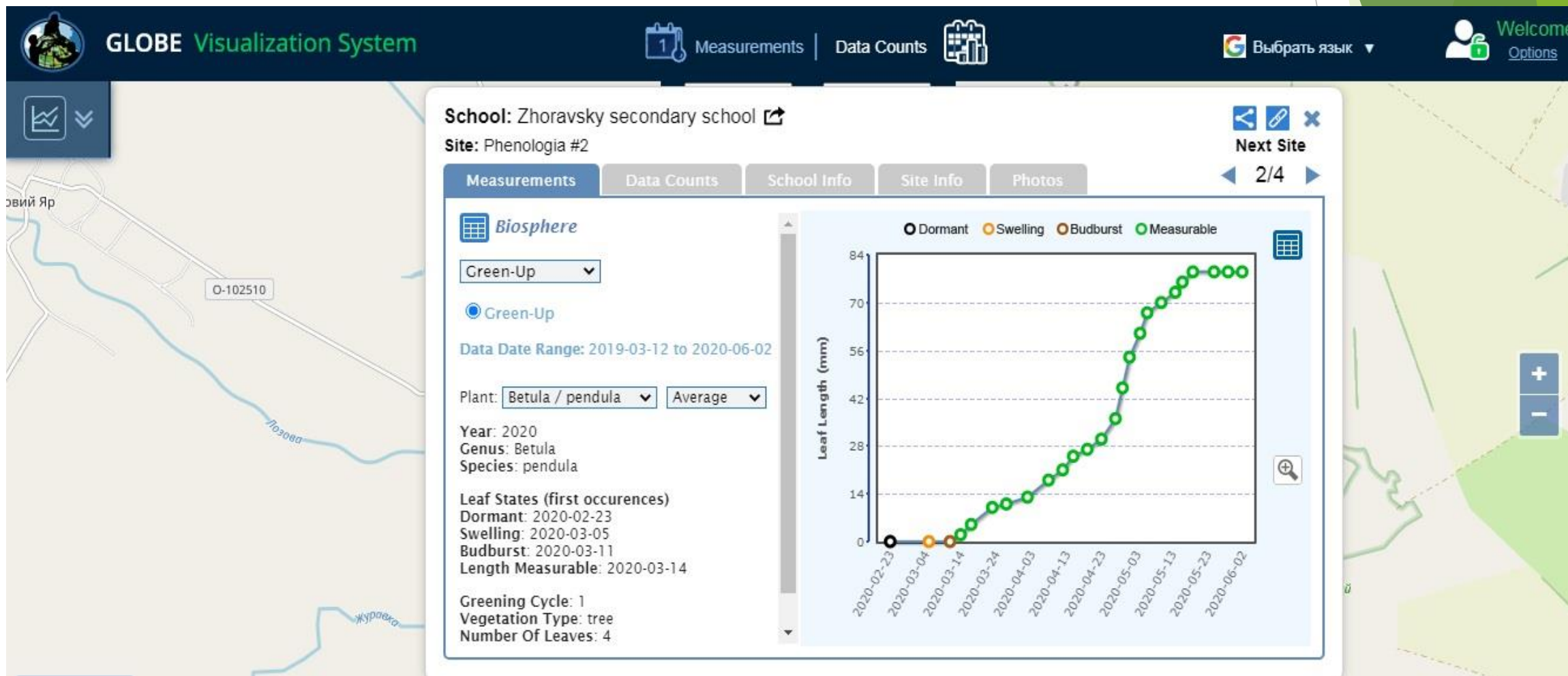
Leaf 3 - 79 mm

Leaf 4 - 82 mm



Charts from GLOBE visualisation system

School: Zhoravska secondary school





OSNOVNA ŠKOLA ĐURMANEC



March 17, 2020

April 18, 2020

Leaf 1- 46 mm

Leaf 2- 45 mm

Leaf 3- 42 mm


Leaf 4- 36 mm

OŠ Đurmanec
Croatia

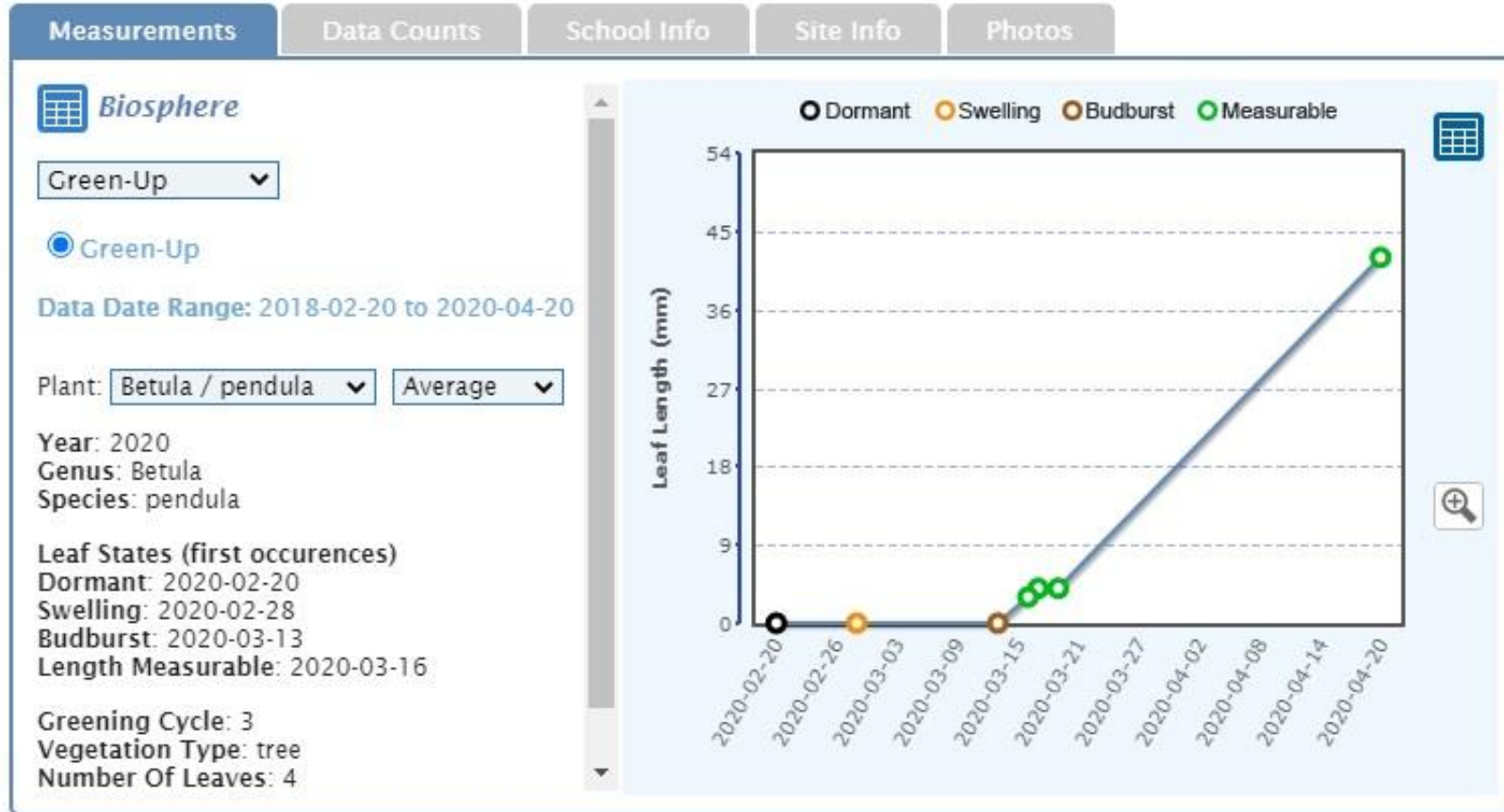


Charts from GLOBE visualisation system

School: OŠ Đurmanec

School: OŠ Đurmanec 

Site: Breza



The GLOBE Program



Global Learning and Observations to Benefit the Environment

Certificate of Appreciation

Zhoravska secondary school

School actively participating in the 2020 Spring Phenology Campaign

Dr. Tony P. Murphy
Director
GLOBE Implementation Office

Lenka Kleger
GLOBE Europe and Eurasia Region
Coordination Office

June 10, 2020

Sponsored by:



Supported by:

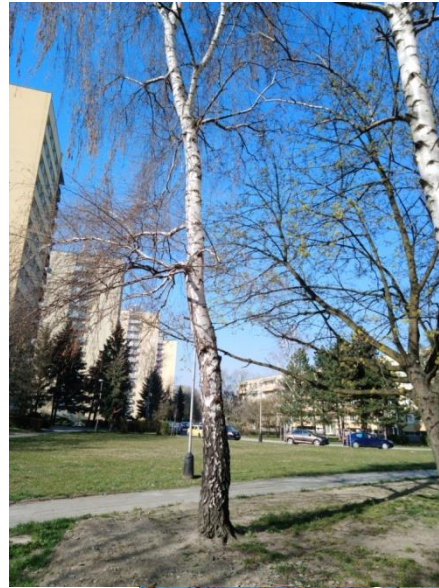


Implemented by:

 UCAR



March 2020



ZŠ Předmostí
Czech Republic

ZŠ Předmostí Czech Republic

Plant Scientific Name: Genus _____ Species: _____
 Plant Common Name: Bříza A ('bílá')
 Green-Up Cycle: _____ Year: 15

Tree and Shrub Green-Up

Date (day & month)	Leaf 1 (dormant, swelling, budburst, leaf length (mm))	Leaf 2 (dormant, swelling, budburst, leaf length (mm))	Leaf 3 (dormant, swelling, budburst, leaf length (mm))	Leaf 4 (dormant, swelling, budburst, leaf length (mm))
11. 3.	32	20	6	7
14. 3.	33	21	6	7
18. 3.	35	22,5	7	7,5
24. 3.	38	25	7	8
28. 3.	41	27	7	8
30. 3.	43	28	8	9

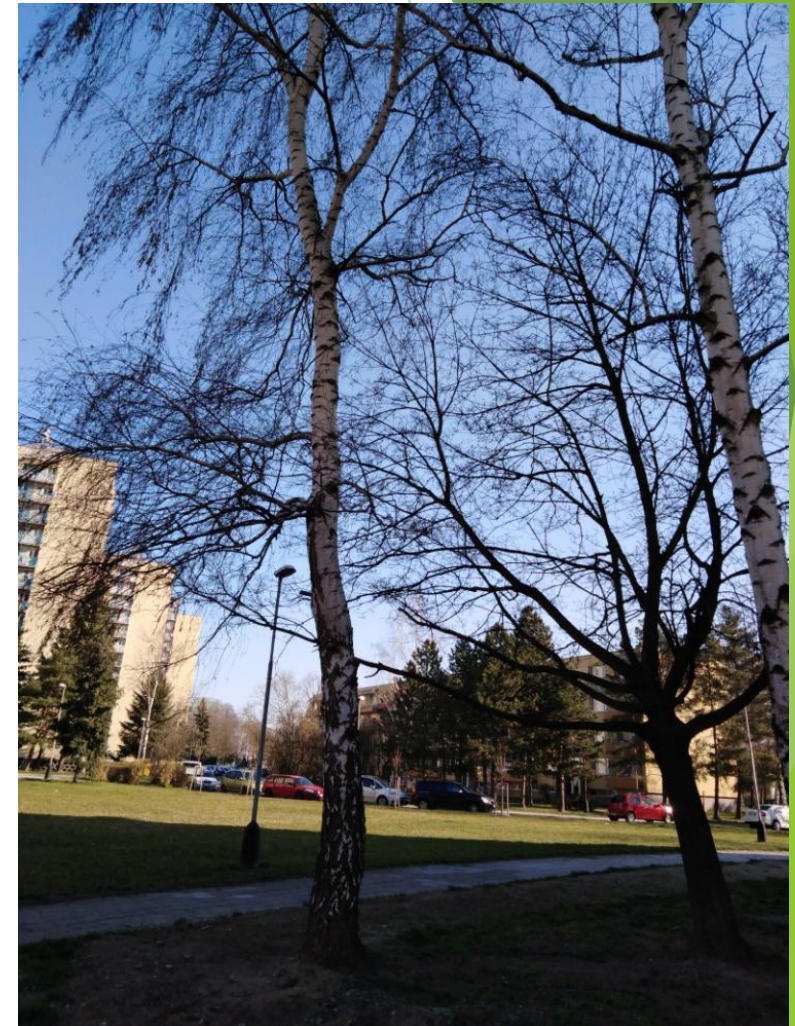




ZŠ Předmostí Czech Republic

Plant Scientific Name: Genus _____ Species: _____
 Plant Common Name: Birka B (maršovi)
 Green-Up Cycle: _____ Year: _____

Tree and Shrub Green-Up					
Date (day & month)	Leaf 1 (dormant, swelling, budburst, leaf length (mm))	Leaf 2 (dormant, swelling, budburst, leaf length (mm))	Leaf 3 (dormant, swelling, budburst, leaf length (mm))	Leaf 4 (dormant, swelling, budburst, leaf length (mm))	Data entry ✓
11. 3.	34	25	6	7	✓ mm
14. 3.	34	26	9	8	✓ mm
18. 3.	35	29	9	8	✓ mm
24. 3.	39	33	9	8	✓
28. 3.	42	34	9	8	✓
30. 3.	46	35	9	8	✓





The GLOBE Program is like a bridge between people and our cooperation is building a bridge between Ukraine, Croatia and Czech Republic



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Thank You

Nataliia Boiko

GLOBE teacher from Ukraine