LET'S TALK ABOUT SOIL

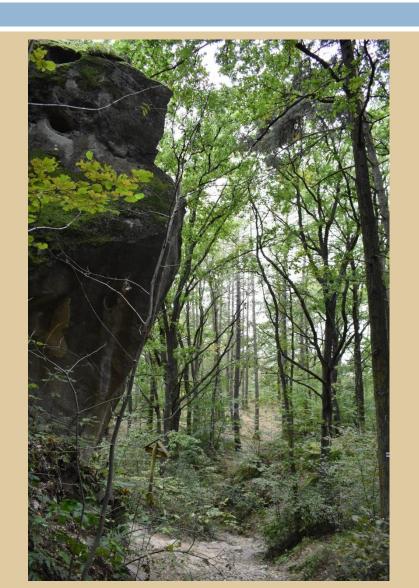
PEDOLOGICAL WORKSHOPS IN THE CARPATHIAN MOUNTAINS

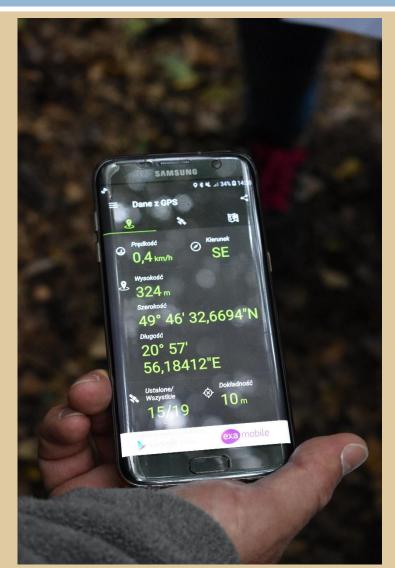


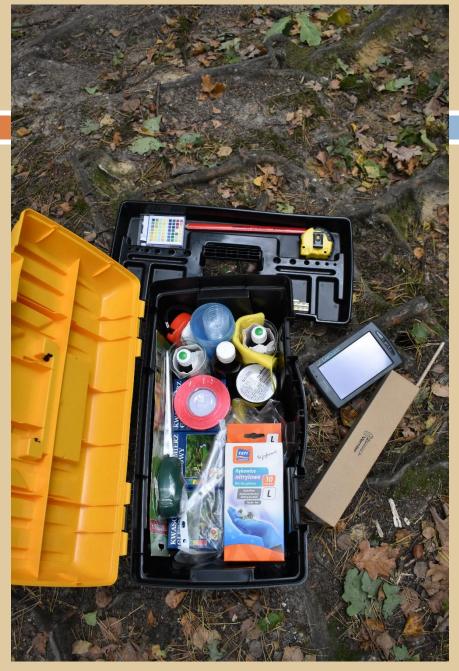
We enter Ciezkowice Nature Reserve- the place of our workshops



We determine our geographical position









First, we measure the soil horizon to 60 cm underground





Next, we test the tint of the humus layer, its texture and moisture.

Then we repeat the same steps for the top soil layer.



After that we determine the soil pH using soil acidometer for both layers.









Finally, we test the carbonate minerals within both layers.





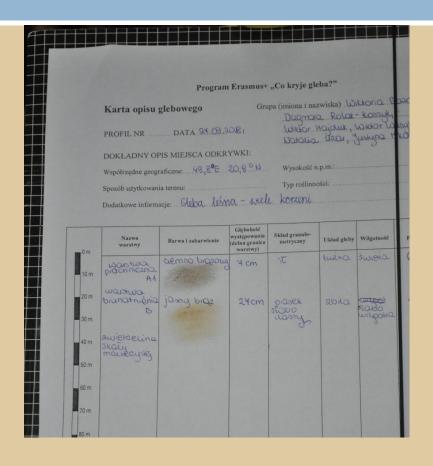
Conclusions

Location and description of the soil test pit:

- Site: Pogórze Ciężkowickie (Carpathian Mountains, south-east region of Poland)
- Elevation: around 320 metres above sea level
- Geographic location: 49° 46' N, 20° 57' E
- Land use: forest
- Type of vegetation: mixed forest

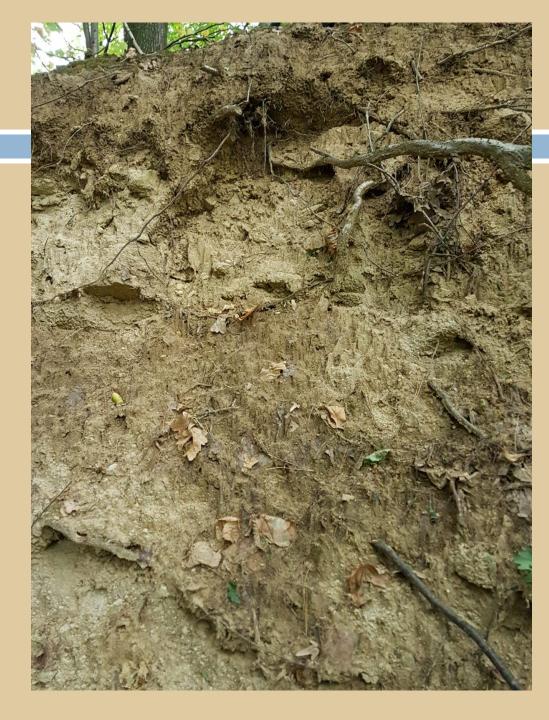
Performed research:

- Depth of the soil profile: 60cm
- Depth of each soil horizon:
 Forest bed (surface layer)- 3cm
 Humus (top soil)- 30cm
 Partly weathered rock- 20 cm
- Colour of soil: brown, yellow
- Granulation: dust and sand
- Moisture: dry
- Soil pH: 5-6 (acidic)
- Carbonate content: less than 1% (no reaction with hydrochloric acid solution)



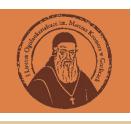
Type of soil

Brown soil (formed on sedimentary rock-sandstone and shale of the Carpathian flysch belt)



Our team





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