

**LeDNA: Global measure of biodiversity by sampling environmental DNA from lakes**

**Environmental DNA sampling information**

**Important:**

1. Read the sampling sheet designed for data collection during sampling.
2. Sampling sheet form:
  - QR Code



- Link: <https://evaluation-app1.let.ethz.ch/TakeSurvey.aspx?SurveyID=72216n42>

3. Print the sampling sheet if you will not have access to internet and a phone to enter the data on site.
4. Measuring environmental variables (e.g., water temperature, pH, dissolved oxygen, conductivity, etc.) is not required. If you are able to, please record the measurements after water collection for eDNA sampling and provide the respective units in which they were measured.

**Lake information**

1. Lake name

2. Hylak ID number. You can find the Hylak ID number in the table provided to you earlier.

3. Sample code. You can find this code on the label on the inside of the bucket lid and in the 50 ml tube.

4. Number of sampling sites within the lake (min.:2; max.: 10).

5. Coordinates of each sampling site

Sampling site	Latitude	Longitude
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		



**Sampling information**

6. Date of sampling. (dd.mm.yyyy)

7. Was sampling done from the shoreline or by boat?

- Shoreline
- Boat

8. Total volume of filtered water. (In Litres)

9. Comments

**Environmental variables**

10. Were you able to measure environmental variables?

- Yes.
- No.

11. Environmental variables

Environmental variable	Value	Units
Water temperature		°C
pH		-
Conductivity		
Dissolved oxygen		
Other:		
Other:		
Other:		
Other:		
Other:		
Other:		



**Weather conditions**

12. Air temperature (Mean air temperature for the sampling day, °C)

13. Weather conditions

- Bright sunlight with no or minimal cloud cover.
- Some clouds present but with visible sunlight.
- Overcast sky with no direct sunlight visible.
- Cloudy sky with light, fine rain.
- Reduced visibility due to fog or mist.
- Strong wind conditions.
- Light to moderate rain during sampling.
- Thunder, lightning, and heavy rain observed.
- Snowfall.
- Conditions varied.

**Contact information**

14. Coordinator Name

Avoid using accented characters when possible.

15. Coordinator Email Address

16. Country

17. Institution

Full name. Avoid using abbreviations and accented characters. (NA if not applicable)

18. Team members

Name, E-mail address

Avoid using accented characters when possible. (E.g., Catia Lucio Pereira, catia.pereira@usys.ethz.ch)

Member1	
Member2	
Member3	
Member4	
Member5	
Member6	
Member7	
Member8	
Member9	
Member10	



**Notes**

19. Additional field notes