

So many Earthworms?

Question and Presumption/Hypotheses

After you have seen the investigation site and formed a mental picture of the areas to be compared, think about the questions that interest you the most. Formulate your hypotheses for these questions.

My / our questions before the investigation:

My / our hypotheses before the investigation:

Data and Documentation

Document your investigation thoroughly and take notes which you can use later for your report or presentation. You can also capture the field investigation by taking photos.

My / Our Investigation

Date: _____

Location: _____

Weather: _____

Comment: _____

Results

First Investigation Area (50cm x 50cm)

Cultivation or vegetation: _____

Ecological Group	Amount of Earthworms	Weight (in g) of All Earthworms per Group
Surface dwellers		
Shallow burrowers		
Deep burrowers		

Unidentifiable Earthworms		
Total		

Second investigation area (50cm x 50cm)

Cultivation or vegetation: _____

Ecological Group	Amount of Earthworms	Weight (in g) of All Earthworms per Group
Surface dwellers		
Shallow burrowers		
Deep burrowers		
Unidentifiable Earthworms		
Total		

Calculation of the Averages

Average number of earthworms per investigated ecosystem/area converted to 1m²
(must be multiplied by 4)

Ecological Group	Average Area 1	Average Area 2
Amount of surface dwellers		
Amount of shallow burrowers		
Amount of deep burrowers		
Amount of Unidentifiable Earthworms		
Total Amount		

Average number of earthworms per investigated ecosystem/area converted to 1m²
(must be multiplied by 4)

Ecological Group	Average Area 1	Average Area 2
Amount of surface dwellers		
Amount of shallow burrowers		
Amount of deep burrowers		

PROJECT PARTNERS:

PROJECT COORDINATION:

Amount of Unidentifiable Earthworms		
Total Amount		

My / Our Observations

Discussion

Do the hypotheses align with the observations?

How else could the results be presented?

What do I know now that I did not know before?
