

Untitled

2024-05-14

i. Population:

The population in this study refers to all the species of bacteria, bugs, and other organisms present in Beira Lake. This includes every living organism that inhabits the lake ecosystem.

ii. Sample:

The sample in this study is the bucket of water (1L) that the researcher collected from Beira Lake and examined for species diversity. The sample represents a subset of the lake's biodiversity.

iii. Parameter:

The parameter in this context would be the proportion of different species counts within the entire population of species in Beira Lake. For example, the proportion of bacteria, bugs, and other organisms based on the sample collected from the lake.

iv. Statistics:

The statistics in this study would be the counts and characteristics of species observed in the collected sample (1L of water from the lake). This includes the number of different species of bacteria, bugs, and other organisms identified in the bucket of water. In summary:

Population: All species of bacteria, bugs, and organisms in Beira Lake.

Sample: The bucket of water (1L) collected from Beira Lake. Parameter: Proportion of species counts (e.g., bacteria, bugs) in the entire lake ecosystem.

Statistics: Counts and characteristics of species observed in the collected sample (1L) from Beira Lake.