A Big Earth Data Platform for Three Poles

**Collection data of fish collection in Qinghai province of Qinghai Tibet Plateau, in 2020**

1、Description

In November 2020, we made a collection in Qinghai Tibet Plateau were collected by net and electric capture methods, and the sampling area included the main water systems in Qinghai Province. A total of 30 sampling points were collected, and 685 fish specimens were collected in 12 points, including Schizothorax of loach.This work is a part of the project of “Building Methods for Detection of Aquatic Organisms in the Lake System of the Qinghai-Tibet Plateau”, using traditional fish survey data to generate a list of species in the lake system, which will then be used to combine multiple lakes in the plateau. High-throughput molecular data acquired from the system's environmental water samples and tested for visual parameters (lake size, isolation, geographic location, and spectral characteristics) that can be used to predict aquatic biodiversity.

2、Keywords

Theme：Biological Resources,Fish
Discipline：Human-nature Relationship
Places：Qinghai Province
Time：2020

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：1.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：37.0 | - |
| west：101.0 | - | east：92.0 |
| - | south：33.0 | - |

5、Time frame:2020-10-28 16:00:00+00:00--2020-11-24 16:00:00+00:00

6、Reference method

References to data:

LIU Shuwei. Collection data of fish collection in Qinghai province of Qinghai Tibet Plateau, in 2020. A Big Earth Data Platform for Three Poles, doi:10.11888/Ecolo.tpdc.2711152021

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program

8、Data resource provider

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