A Big Earth Data Platform for Three Poles

**Data list of the field sampling on mammal diversity at Yarlung Zangbo Grand Canyon National Nature Reserve (2019)**

1、Description

From April to June 2019, we used both live traps and camera traps to collect mammal diversity and distributions along the elevational gradients at the Yarlung Zangbo Grand Canyon National Nature Reserve. We set 64 trap lines for small mammals inventory, with a total of 11456 live trap nights. We collected 1061 individuals and 2394 tissue samples of small mammals during the field sampling. We also retrived images of 60 camera traps placed between October 2018 and April 2019. We obtained 4638 pictures of wild animals and 654 captures of anthopogenic activities. The camera traps were reset in the same locations after renew batteries and memory cards. Small mammal data consist of richness, abundance, traits, environmental gradients etc, and could be used to model relationship between environmental gradients and traits concatenated by richness matrix. Camera trap data could inventory endangered species in the region, and provide information to identify biodiversity hotspots and conservation priorities.

2、Keywords

Theme：Biological Resources,Species diversity,Vertebrate  
Discipline：Human-nature Relationship  
Places：Medog, Yarlung Zangbo Grand Canyon  
Time：2019

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.02MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：32.0 | - |
| west：81.0 | - | east：98.0 |
| - | south：27.0 | - |

5、Time frame:2019-04-23 00:00:00+00:00--2019-06-11 00:00:00+00:00

6、Reference method

References to data:

LI Xueyou. Data list of the field sampling on mammal diversity at Yarlung Zangbo Grand Canyon National Nature Reserve (2019). A Big Earth Data Platform for Three Poles, doi:10.11888/Ecolo.tpdc.2703382020

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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