A Big Earth Data Platform for Three Poles

**Species list and distribution of lizards in Tibetan Plateau**

1、Description

Based on "Chinese Animals" (Animalia- Chordata-Reptilia-Lacertilia), "Tibetan Amphibians and Reptiles", Chinese and English literature published between 2000 and 2018, and field surgery in Tibetan Plateau from 2018 to 2019, the species composition and distribution of the lizard species in this area are recorded. The lizards widely distributed in the altitude gradients of the Qinghai-Tibet Plateau are studied. This study focus on the effects of climate change on biodiversity and the response of ectotherms to environmental change, and aims at obtaining data of the number and distribution of species. The species were identified according to the "Chinese Animals" ( Animalia-Chordata- Reptilia-Lacertilia). The species diversity and distribution pattern were analyzed according to the elevation, latitude and longitude, etc. to provide a theoretical basis for assessing the biodiversity pattern and formulating the conservation strategy.

2、Keywords

Theme：Biological Resources,Reptiles  
Discipline：Human-nature Relationship  
Places：Tibetan Plateau, Southeast Tibet  
Time：2018

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.42MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：40.0 | - |
| west：73.0 | - | east：105.0 |
| - | south：26.0 | - |

5、Time frame:2018-03-05 08:00:00+00:00--2019-01-04 19:59:59+00:00

6、Reference method

References to data:

ZENG Zhigao. Species list and distribution of lizards in Tibetan Plateau. A Big Earth Data Platform for Three Poles, doi:10.11888/Ecolo.tpdc.2703642019

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

name: ZENG Zhigao  
unit: Insititute of Zoology, CAS  
email: zengzhg@ioz.ac.cn