A Big Earth Data Platform for Three Poles

**Plant diversity and distribution data of grid chnac006 in Qinghai Xizang Plateau (2021-2022)**

1、Description

This data is the plant diversity and distribution data of chnac006 grid on the Qinghai Tibet Plateau, including the Chinese name, Latin name, latitude and longitude, altitude, collection number, number of molecular materials, number of specimens, administrative division, small place, collector, collection time and creator of plants in this grid. The data is obtained from e scientific research website（ http://ekk.kib.ac.cn/web/index/#/ ）And partially complete the identification. This data has covered the list and specific distribution information of more than 600 species of plants in more than 200 genera and 91 families in this flora. This data can be used not only to study the floristic nature of this region, but also to explore the horizontal and vertical gradient pattern of plants in this region.

2、Keywords

Theme：models prediction,Others,machine learning,Ecological asset,Ecological environment policy,Other,healthy,concrete,Plant community,estimation,Ecological restoration  
Discipline：Others,Human-nature Relationship  
Places：qtp  
Time：2022, 2021

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：1.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：32.0 | - |
| west：97.0 | - | east：107.0 |
| - | south：22.0 | - |

5、Time frame:2020-12-31 16:00:00+00:00--2022-05-23 16:00:00+00:00

6、Reference method

References to data:

DENG Tao . Plant diversity and distribution data of grid chnac006 in Qinghai Xizang Plateau (2021-2022). A Big Earth Data Platform for Three Poles, doi:10.11888/HumanNat.tpdc.2724562022

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

name: DENG Tao   
unit: Kunming Institute of Botany，Chinese Academy of Sciences  
email: 2019QZKK0502