A Big Earth Data Platform for Three Poles

**Palynological data of vegetation evolution in the middle reaches of Heihe River since 50000 years ago**

1、Description

Since the formation of heihe, palynology data samples were collected from the borehole formation of dasunken well in the middle reaches of heihe.Borehole location: 39.491 n, 99.605 e.The borehole has a depth of 140 meters and 18 palynological samples are collected from top to bottom. Currently, there are 3 palynological results, which are distributed in each sedimentary phase from top to bottom.Impurities such as carbonate, organic matter and silicate were removed from palynology samples in the laboratory, and the palynology types and data were identified under the microscope.Palynology results mainly included the percentage and number of trees, shrubs, herbs, aquatic and ferns.

2、Keywords

Theme：Pollen,Paleoclimate Reconstruction
Discipline：Palaeoenvironment
Places：Middle Reaches of Heihe River Basin, Daaojing, Xinkaijiudui
Time：For 50,000 years

3、Data details

1.Scale：10000

2.Projection：4326

3.Filesize：10.0MB

4.Data format：栅格

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.491 | - |
| west：99.605 | - | east：99.605 |
| - | south：39.491 | - |

5、Time frame:2018-11-21 10:48:52+00:00--2018-11-21 10:48:52+00:00

6、Reference method

References to data:

PAN Baotian. Palynological data of vegetation evolution in the middle reaches of Heihe River since 50000 years ago. A Big Earth Data Platform for Three Poles, doi:10.11888/Paleoenv.tpdc.2708222016

References to articles:

7、Supporting project information

8、Data resource provider

name: PAN Baotian
unit: Lanzhou University
email: panbt@lzu.edu.cn