A Big Earth Data Platform for Three Poles

**Cenozoic plant fossil records in Tibet**

1、Description

The data of Cenozoic plant macrofossils on the Qinghai Tibet Plateau includes leaves, seeds and fruits. It includes Latin and Chinese names of families, genera and species, times, places of origin, morphological descriptions, discussions, specimens and references. The species names are assigned according to the original literature. For fossil records revised by later research, the revised records were chosen; The age of the origin (fossil site) is assigned according to the latest literature. The terms and description paradigm of leaf shape description are referred to the book "Leaf Structure Manual"; The length, angle, and other measurement data in the description are derived from the original literature. The fossil records of the document are sorted alphabetically by Latin initials of families and genera. The data can provide important clues for studying the coupling relationship between the environmental climate changed and the evolution of vegetation and plant diversity in the Cenozoic Qinghai Tibetan Plateau.

2、Keywords

Theme：fossils,Cenozoic,Paleontology,Others,Fossil plants  
Discipline：Palaeoenvironment,Solid earth  
Places：Tibetan Plateau  
Time：Neogene, Cenozoic, Eogene

3、Data details

1.Scale：None

2.Projection：

3.Filesize：5.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：45.0 | - |
| west：65.0 | - | east：110.0 |
| - | south：22.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

ROBERT Spicer , HU Jinjin , HUANG Jian , LI Shufeng , ZHANG Shitao , SU Tao, HUANG Yongjiang , LIU Jia , JIA Linbo , CHEN Linlin , ZHOU Zhekun . Cenozoic plant fossil records in Tibet. A Big Earth Data Platform for Three Poles, doi:10.11888/Paleoenv.tpdc.2727202022

References to articles:

周浙昆, 刘佳, 陈琳琳, Robert A. Spicer, 李树峰, 黄健, 张世涛, 黄永江, 贾林波, 胡瑾瑾, & 苏涛. (2022). 西藏新生代植物近十年来的重要发现、认识及其意义. 中国科学: 地球科学.

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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