A Big Earth Data Platform for Three Poles

**PALEOENVIRONMENTAL data of human activity period at zijunbu site in the northeast of Qinghai Xizang Plateau**

1、Description

Zijunbu site is an ancient human activity site about 120000 ~ 90000 years ago. There are a large number of stone tools and animal bones. The photoluminescence dating shows that the human activity time is the mis5 stage between 120-90ka. It is the earliest wilderness site on the Qinghai Tibet Plateau. The section of the site is divided into 11 layers from top to bottom, of which the cultural layer is the ancient soil layer of 6-9 layers. The Paleoenvironment was reconstructed by particle size analysis, magnetic susceptibility, total organic (TOC) and calcium carbonate content. Compared with the published high-resolution climate curve, the results show that the East Asian summer monsoon was strengthened in the period occupied by paleohumans, and the climate was warm and humid, which was conducive to human survival.

2、Keywords

Theme：Paleoclimate Reconstruction
Discipline：Palaeoenvironment
Places：JJF, Northeastern part of qinghai-tibet plateau
Time：120-90ka

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.01MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：36.82777778 | - |
| west：103.0113028 | - | east：103.0113028 |
| - | south：36.82777778 | - |

5、Time frame:None--None

6、Reference method

References to data:

ZHANG Dongju . PALEOENVIRONMENTAL data of human activity period at zijunbu site in the northeast of Qinghai Xizang Plateau. A Big Earth Data Platform for Three Poles, doi:10.11888/Paleoenv.tpdc.2719572022

References to articles:

Cheng, T., Zhang, D., Smith, G.M., Jöris, O., Wang, J., Yang, S.L, Xia, H., Shen, X.K., Li, Q., Chen, X.S., Lin, D.P., Han, Y.Y., Liu, Y.S, Qiang, M.R., Li, B., & Chen, F. (2021). Hominin occupation of the Tibetan Plateau during the Last Interglacial Complex. Quaternary Science Reviews, 265, 107047.

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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