A Big Earth Data Platform for Three Poles

**Archaeological site investigation and plant and animal resource utilization in the Tibet Plateau during the Paleolithic**

1、Description

By archaeological investigation and excavation in Tibetan Plateau, we discovered 14 Paleolithic sites, including 151, Baishiya karst cave，Meilongdapu cave, Hejishihuotang and Tangda. In this dataset, there are some basic informations about these sites, such as location, longitude, latitude, altitude, material culture and so on. On this Basis, we identified and analysed stone artifacts, animal remains and plant fossil, and obtained a batch of dating data of uranium series, radiocarbon and optically stimulated luminescence. This dataset provide important basic data for understanding when and how prehistoric human lived in the Tibetan Plateau during the Paleolithic.

2、Keywords

Theme：Tourism Resources,Site and relic  
Discipline：Human-nature Relationship  
Places：Tibetan Plateau  
Time：Paleolithic age

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.09MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：36.56 | - |
| west：79.03 | - | east：102.57 |
| - | south：30.83 | - |

5、Time frame:2019-01-06 08:00:00+00:00--2020-01-05 08:00:00+00:00

6、Reference method

References to data:

ZHANG Dongju , CHEN Fahu, LIU Xiangjun, HOU Guangliang. Archaeological site investigation and plant and animal resource utilization in the Tibet Plateau during the Paleolithic. A Big Earth Data Platform for Three Poles, doi:10.11888/Paleoenv.tpdc.2703522020

References to articles:

Chen, F.H., Welker, F., Shen, C.C., Bailey, S.E., Bergmann, I., Davis, S., Xia, H., Wang, H., Fischer, R., Freidline, S.E., Yu, T.L., Skinner, M.M., Stelzer, S., Dong, G.R., Fu, Q.M., Dong, G.H., Wang, J., Zhang, D.J., & Hublin, J.J. (2019). A late Middle Pleistocene Denisovan mandible from the Tibetan Plateau. Nature, 569, 409-412. doi:10.1038/s41586-019-1139-x

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: LIU Xiangjun  
unit: Qinghai institute of salt lakes, Chinese academy of sciences  
email: xjliu@isl.ac.cn  
  
name: CHEN Fahu  
unit:   
email: fhchen@itpcas.ac.cn  
  
name: HOU Guangliang  
unit: QInghai Normal University  
email: hgl20@163. com  
  
name: ZHANG Dongju   
unit: Lanzhou University  
email: djzhang@lzu.edu.cn