A Big Earth Data Platform for Three Poles

**Tree ring width data of Qilian mountains in the East Asian Monsoon region**

1、Description

This data set is composed of tree ring width data of Qilian Mountain region of China in East Asian monsoon region . The tree rings in Qilian mountain contain 52 tree cores, which have 17081 values, the measurement accuracy is 0.01mm, and the tree species is Qilian juniper. The tree ring width was measured by lintab 6 tree ring analyzer, and the cross dating is checked by coffcha program to guarantee that the accuracy of the dating. The experiment analysis was performed in the laboratory of soil structure and minerals, Institute of Geology and Geophysics, Chinese Academy of Sciences. This data has certain significance for the study of paleoclimate in the edge of East Asian monsoon region .

2、Keywords

Theme：Tree rings,Tree-ring  
Discipline：Palaeoenvironment  
Places：East Asian Monsoon region  
Time：since 1240

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.12MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.6 | - |
| west：97.89 | - | east：97.89 |
| - | south：39.6 | - |

5、Time frame:None--None

6、Reference method

References to data:

XU Chenxi. Tree ring width data of Qilian mountains in the East Asian Monsoon region. A Big Earth Data Platform for Three Poles, doi:10.11888/Paleoenv.tpdc.2716752021

References to articles:

7、Supporting project information

Comparative study of past climate changes at multi-timescale in East Asian monsoon region and Westerly zone  
NSFC Basic Research Center Program: Continental Evolution and Earth’s monsoon System

8、Data resource provider

name: XU Chenxi  
unit:   
email: cxxu@mail.iggcas.ac.cn