A Big Earth Data Platform for Three Poles

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

1、Description

This data set is composed of tree ring width data in East Asian monsoon region and Shennongjia region of China. The tree ring in Shennongjia area contain 128 tree cores, and the tree species is Abies fargesii. The measured width data is 18936, and the measurement accuracy is 0.01mm. The width of tree ring is measured by lintab 6 tree ring analyzer, and the cross dating is checked by coffcha program to ensure that the measurement and dating of all tree core samples are accurate. The experimental analysis was completed 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 East Asian monsoon region.

2、Keywords

Theme：Tree rings,Tree-ring
Discipline：Palaeoenvironment
Places：East Asian Monsoon region
Time：since 1793

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.14MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：31.5 | - |
| west：110.3 | - | east：110.3 |
| - | south：31.5 | - |

5、Time frame:None--None

6、Reference method

References to data:

XU Chenxi. Tree ring width data of Shennongjia in the East Asian Monsoon region. A Big Earth Data Platform for Three Poles, doi:10.11888/Paleoenv.tpdc.2716762021

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

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