A Big Earth Data Platform for Three Poles

**Stratigraphic column of Devonian and Carboniferous near Nuoma Village, Changdu, Xizang**

1、Description

The Late Paleozoic carbonate strata are well developed from Lewuqi County to Jiangda County in the Changdu area, eastern Xizang. The previous biostratigraphic studies based on macro-fossils (e.g. brachiopod and coral) are not sufficient for high resolution correlation. The seemingly continuous strata at Tuoba and Wuqingna have been divided as Zhuogedong Formation (or Qiangge Formation) of Late Devonian and Wuqingna Formation of Early Carboniferous mainly by lithology. We made detailed sampling for conodont, sedimentary and geochemical research at the outcrops between Tuoba and Wuqingna near Nuoma Village which according to the unpublished data belong to the Devonian-Carboniferous boundary interval. This study is significant for high resolution correlation of Late Devonian and Early Carboniferous in this region and the global stratotype study. The dataset only includes the stratigraphic column and photo of the section. The bio-chronological information will be added in the future.

2、Keywords

Theme：Paleontology,Carboniferous,Formation,conodonts,Devonian
Discipline：Solid earth
Places：ChamdoChangdu,
Time：Carboniferous, Devonian

3、Data details

1.Scale：None

2.Projection：

3.Filesize：1.44MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：31.46 | - |
| west：97.83 | - | east：97.84 |
| - | south：31.45 | - |

5、Time frame:None--None

6、Reference method

References to data:

WANG Qiulai . Stratigraphic column of Devonian and Carboniferous near Nuoma Village, Changdu, Xizang. A Big Earth Data Platform for Three Poles, doi:10.11888/SolidEar.tpdc.2719992022

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

name: WANG Qiulai
unit: Nanjing Institute of Geology and Palaeontology, Chinese Academy of Sciences
email: qlwang@nigpas.ac.cn