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迟振卿 刘兴起 王永 闵隆瑞

中国地质科学院地质研究所,中国科学院南京地理与湖泊研究所,湖泊与环境国家重点实验室,中国地质科学院地研究所

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摘要:

利用泥河湾盆地井儿洼剖面孢粉、粒度、碳酸盐含量、介形类壳体的6 18 0及6 13 C等多种环境 ka BP期间的古气候环境特征进行了探讨。结果表明,47~39 ka BP期间,植被生长稀疏,降水较少,气候冷干育,入湖的粗颗粒物质增多,表明降水较多。同时介形类的大量繁殖造成碳酸盐含量的显著增高,以及介形类引对偏负,说明当时湖水的水热组合适宜,气候总体暖湿。自30 ka BP开始,气候逐步恶化; 25 ka BP左右,井川干。总体而言,39~30 ka BP期间,泥河湾盆地的气候暖湿,其暖湿的气候特征与青藏高原和西北地区的气候

关键词: 泥河湾盆地 井儿洼剖面 古气候环境

Paleoenvironmental and Paleoclimatic Changes During $47^{\sim}25$ ka BP as Indicated by Jin_i Basin <u>Download Fulltext</u>

Chi Zhenqing Liu Xingqi Wang Yong Min Longrui

Institute of Geology, CAGS, 2. State Key Laboratory of Lake Science and Environment, Nanjing Insti Limnology, Chinese Academy Sciences, Institute of Geology, CAGS, Institute of Geology, CAGS

Fund Project:

Abstract:

Paleoenvironmental and paleoclimatic changes of the Nihewan Basin between 47 and 25 ka BP was proxies such as pollen, grain size, carbonate, and δ 18 0 and δ 13 C of ostracode shells: Nihewan Basin. The results show that the episode between 47 and 39 ka BP saw sparse vegetation cowhich suggests cold and dry climate. During the period between 47 and 39 ka BP, abundant forest value amount of coarse sediment into the lake indicate that the precipitation was high at that time. May reproduction of ostracode caused increasing content of carbonate and relatively negative δ 18 ostracode shells, suggesting that lake water was warm with low salinity. The climate was wet and other order of the country of the climate was wet and other order of the country of the climate was warm and wet between 39 and 30 ka BP, which is generally constituted in 19 the climate was warm and wet between 39 and 30 ka BP, which is generally constituted in 19 the climate was warm and wet between 39 and 30 ka BP, which is generally constituted in 19 the climate was warm and wet between 39 and 30 ka BP, which is generally constituted in 19 the climate was warm and wet between 39 and 30 ka BP, which is generally constituted in 19 the climate was warm and wet between 39 and 30 ka BP, which is generally constituted in 19 the climate was warm and wet between 39 and 30 ka BP, which is generally constituted in 19 the climate was warm and wet between 39 and 30 ka BP, which is generally constituted in 19 the climate was warm and wet between 39 and 30 ka BP, which is generally constituted in 19 the climate was warm and wet between 39 and 30 ka BP, which is generally constituted in 19 the climate was warm and wet between 39 and 30 ka BP, which is generally constituted in 19 the climate was warm and wet between 39 and 30 ka BP, which is generally constituted in 19 the climate was warm and wet between 39 and 30 ka BP, which is generally constituted in 19 the climate was warm and wet between 39 and 30 ka BP, which is generally constituted in 19 the clim

 $\underline{\textbf{Keywords:}} \underline{\textbf{Nihewan Basin}} \quad \underline{\textbf{Jingerwa section}} \quad \underline{\textbf{Paleoenvironment and paleoclimate}}$