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封面照片：吕梁第四纪黄土与古土壤序列,位于山西吕梁市离石区霜雾都村(37°35'38"N, 111°09'45"E; 海拔 1109 m)。剖面中出现的棕红色古土壤条带形成于气候相对温暖湿润的间冰期,而黄土形成了干冷的冰期环境。黄土与古土壤的交替出现,反映了第四纪期间气候的干湿、冷暖变化特征,成为研究轨道尺度气候变化的良好载体

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