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秦岭终南山地质遗迹全球对比及世界地质公园建立

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摘要：

秦岭中段终南山地区地质现象复杂，地质遗迹资源数量多、种类全，分布有典型地层剖面、岩浆活动遗迹、构造剖面及典型构造运动遗迹、地质地貌景观等多种类型地质遗迹。这些遗迹在环境、造山带和大陆动力学等研究方面有重要的科学意义，许多还具有景观价值。全球对比表明，区内多种地质遗迹具有独特性和垄断性。为保护好地质遗迹开展科研和旅游并兼顾生态保护，建立终南山世界地质公园是最佳选择。为此，划分出三级地质遗迹保护区及生态保护区，在保护区内设立若干特殊遗迹保护点，并提出相应管理措施。同时，作为大型地质公园，在分区开发保护的基础上，利用中应充分注意各种资源及各园区的有效整合问题。

关键词：秦岭终南山 地质遗迹 全球对比 世界地质公园

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Abstract:

The Qinling Mountains is famous in all China and the world because of its significance in geology and geography research. In its middle section, Mt. Zhongnan region, there are many complicated geological phenomena and important geosites: representative stratigraphic section, magmatic activity remains, structure section and tectonic motions remains, geological—geomorphological landscape, special rocks and minerals, special hydrogeological phenomena, human engineering activities remains, disastrous geological processes remains, palaeontologics fossil and sites, totaling nine types based on genetic classification. These sites are significant in science research and have landscape value. Comparing with the geosites in other world geoparks existed globally, the sites in Mt. Zhongnan area are particular even unique. Founding the Zhongnanshan World Geopark is much propitious to protect these remains and develop their social effects fully. However, as a large scale geopark, resource integration must be considered in the course of park development.

Keywords:Mt. Zhongnan Qinling Moutains geosites global correlation world geopark

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