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合肥盆地中生界的地层时代判识及意义 [点此下载全文](#)

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摘要:

合肥盆地由于构造演化过程复杂、古生物资料缺乏等,在地层时代研究上存在着诸多疑义;本文以地震层地层学等证据,参照区域构造事件,建立了新的地层层序,主要提出了:①周公山组和圆筒山组的岩石学、地球二者合并统称为圆筒山组,原先的周公山组和圆筒山组分别视为该地层组的上部岩性段和下部岩性段,时代为早于异地同期异相,为上侏罗统;②响导铺组为下白垩统;③定远组与戚家桥组属于异地同期异相,为古近系;认识地层时代的综合性研究成果,为低勘查程度地区的地层时代确定提供了一个实例,也为大别山造山带、郯—庐了依据。

关键词: [合肥盆地](#) [中生界](#) [新生界](#) [层序](#) [地层划分](#)

Identification of geological time of Mesozoic strata in Hefei Basin and its significance
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Abstract:

Many doubts still exist on the stratigraphic zonation and correlation in Hefei Basin due to evolution and the lack of paleontological data. This paper established new stratigraphical sequences, evidence from biostratigraphy and lithology and regional tectonic movements. The following Middle Jurassic Zhongongshan Formation and Yuantongshan Formation are classified to Yuantongshan Formation with similar lithological, geophysical and paleontological features, which could be respectively taken as the upper and lower lithological units of Yuantongshan Formation. (2) The Zhuxiang Formation and Heishidu Formation are contemporaneous in different places, and are in the Upper Jurassic stratum. (3) The Xiangdaopu Formation is the stratigraphically lower unit of the Upper Jurassic stratum. (4) The Dingyuan Formation and Qijiaqiao Formation are contemporaneous in different places, and are in the Tertiary stratum. These new recognitions provide a guideline for stratigraphical study in Hefei Basin. The results of this study provide a sequence determination in immature exploration areas and tectonic evolution study of Dabieshan orogenic belt.

Keywords: [Hefei Basin](#) [Mesozoic](#) [Cenozoic](#) [sequence](#) [stratigraphical zonation](#)

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