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印度与欧亚两大陆块碰撞时间的厘定: 来自锆石SHRIMP U Pb年龄的证据 [点此下载全文](#)

[夏斌](#) [林清茶](#) [张玉泉](#) [梁华英](#) [徐力峰](#) [李建峰](#) [王彦斌](#)

中国科学院广州地球化学研究所油气与资源中心, 广州, 510640, -, -, -, -, -

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摘要:

通麦地区片麻岩中锆石SHRIMP 定年结果表明: ① 变质锆石和变质复合锆石的新壳U Pb年龄为42 Ma, 的峰期时间, 而印度和欧亚两个大陆开始碰撞的时间略早于42 Ma; ② 变质复合锆石中的老核(继承锆石), 有: 于早侏罗世早期, 表明通麦片麻岩是沉积岩变质的, 其沉积岩的时代不会早于三叠纪; ③ 文章最后对锆石成因度与欧亚两大陆碰撞的时间等问题进行了讨论。

关键词: [SHRIMP年龄](#) [锆石](#) [片麻岩](#) [通麦](#) [西藏](#)

SHRIMP U Pb Dating of Zircon from Gneiss in the Tongmai Region: Evidence for the Ir Time [Download Fulltext](#)

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Abstract:

The SHRIMP U Pb dating of the gneiss in the Tongmai region shows that: ① the mean U Pb age of zircon and the younger crust of metamorphic compound zircon is in Mid Eocene epoch, which is consistent with the continental continental collision. The starting time of the India Eurasia collision should be about 42 Ma. ② The oldest age for the older core of the compound metamorphic zircon(inherited zircon) is about 42 Ma, indicating that the age of the sedimentary protolith of the gneiss in the Tongmai region is about Jurassic. ③ The genesis and types of the zircon and their significance, the age of the gneiss, and the collision of India Eurasia continents are discussed in the paper.

Keywords: [Zircon](#) [SHRIMP U Pb age](#) [gneiss](#) [Tongmai](#) [Tibet](#)