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东昆仑印支期区域构造背影的花岗岩记录 [点此下载全文](#)

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摘要:

研究表明: 东昆仑未见早三叠世花岗岩出露; 中三叠世花岗岩仅见于昆中区; 晚三叠世花岗岩在昆北区、昆中区和昆南区广为分布。昆中区花岗岩(I型)形成于昆南板片向北俯冲的碰撞造山阶段; 其S型、A型花岗岩的产出, 是陆内俯冲作用的结果。昆北区出露的I型、S型、A型花岗岩, 形成于昆中板片, 在晚三叠世沿昆中断开明发生的陆内俯冲。A型花岗岩的产出表明进入造山后阶段。因此, 早、中三叠世昆南板片没昆南缝合带向北造山俯冲, A

关键词: [区域构造背影](#) [俯冲作用](#) [构造-岩浆活动](#) [花岗岩](#)

The Record of Indosinian Tectonic Setting from the Granotoid of Eastern Kunlun Mountains [Download Fulltext](#)

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Fund Project:

Abstract:

Middle Triassic A-type granitoid and other types of granitoid in the central Kunlun region were formed respectively in post orogeny and collision-orogenic stage of southern Kunlun subplate subducting north. The occurrence of late Triassic muscovite/two-mica granites and S-, I- and A-type granitoids in the central Kunlun region, and I-type granitoid in northern margin of southern Kunlun region are the result of intracontinental subduction, in which the southern Kunlun fault is the underthrust zone. Late Triassic anorogenic A-type granites are a indication that intracontinental subduction of southern Kunlun subplate ended. Meanwhile, the I-, S- and A-type granitoids in the northern Kunlun region were formed by intracontinental subduction of the central Kunlun subplate along the Mid-Kunlun fault in late Triassic epoch. Early Triassic granitoid is not found. Therefore, the early-middle Triassic epoch in the eastern Kunlun area fell into the period of the southern Kunlun subplate underthrusting north along the central Kunlun fault. Both the southern Kunlun fault and the central Kunlun fault went through complete intracontinental subduction in late Triassic epoch.

Keywords: [tectonic setting](#) [subduction](#) [tectonic-magmatic activity](#) [granitoid](#) [eastern Kunlun Mountains](#)

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