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## Discussions on cave stalagmite as substituting index of paleoclimate significance

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**Abstract:** Modern global climate change became a hot issue of universal concern. A hot issue of global change research was to obtain one hundred year or even decades to obtain and distinguish the rules on climate change. As a key to restore the ancient climate, study the evolution of ancient environment, the cave stalagmite was characteristic of many advantages, and would play an increasingly important role in the study of paleoenvironment. In lights of current research situation, the authors reviewed the micro-layer contrast on laminated layer of stalagmite, the formation mechanism of micro-level, stable isotope record, trace element record, the growth rate and other aspects of micro-layer light-emitting.

**Keywords:** Stalagmite; Paleoclimate; Micro-layer; Stable isotope

## 地质素描——西藏米拉山口分水岭

分水岭 (Water divide, dividing crest, dividing range) 是相邻两个流域之间的山岭, 当降水形成的地表径流分别流入山岭两侧的河流。

西藏工部江达县的米拉山口, 海拔高程为 5 013.25m。有趣的是, 这里可以看到典型的分水岭。向西看, 这里是拉萨河源头之一。向东看, 这里是尼洋河的源头之一。

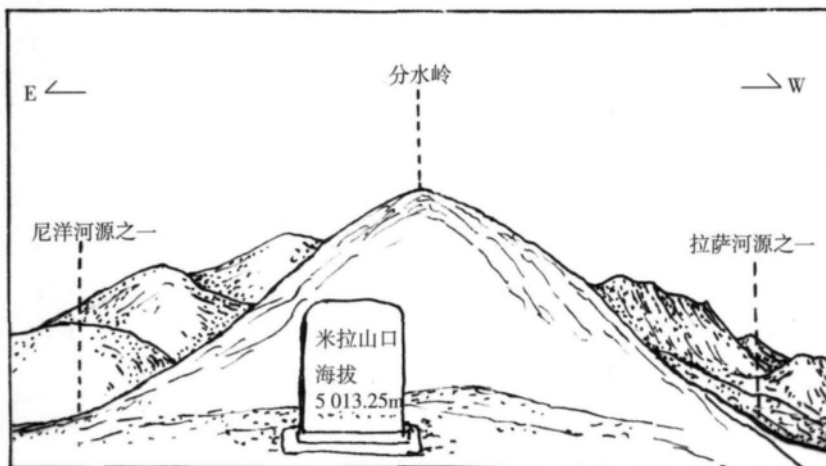


图 1 西藏米拉山口分水岭素描图

(钟华邦)