

Closure of Palaeo-Tethys with collision between Indochina and Sibumasu

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This study proves that the northern part of Thailand is composed of two major micro-continents, Indochina and Sibumasu, and intervening three zones, Inthanon, Sukhothai and Nakhon Thai zones. The Inthanon zone is characterised by pelagic sediments in the Palaeo-Tethys, the Sukhothai zone is regarded as volcanic arc, and the Nakhon Thai zone is interpreted as probably active continental margin. These zones were united and Palaeo-Tethys was closed by collision of Indochina and Sibumasu during middle to late Triassic.