

## Accretionary age of Pale-Tethys subduction in northern Thailand: Constraints from U-Pb age of detrital zircon

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These Paleo-Tethyan rocks in Thailand characterized by Ocean Plate Stratigraphy were subducted beneath the Indochina Block during the Permian to Triassic (Wakita and Metcalfe, 2005). In the Inthanon Zone of northern Thailand, melanges occur in association with oceanic rocks of Paleo-Tethys origin (Hara et al., 2009). Accretionary age related to the Paleo-Tethys subduction has not been clarified in northern Thailand because of absence of fossils from clastic rocks. For understanding accretionary age, we examined U-Pb ages of detrital zircon of sandstone collected from the Inthanon Zone, by using LA-ICPMS.

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