

Stratigraphic lineage of the Hida-gaien Terrane: its significance for tectonic history

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Tectonic history of the Hida-gaien Terrane is discussed based on stratigraphic lineages discriminated in the Paleozoic and Mesozoic strata of the Ise, Fukuji, and northeast of Takayama areas. In these areas, two different stratigraphic lineages are recognized based on the assemblage of lithostratigraphic unit, geologic structure, and distributional pattern. One is composed of the Ordovician to Triassic and has complicated geologic structure characterized by aggregate of fragmented coherent strata; the other is the Permian and has simple geologic structure. The Hida-gaien Terrane is constructed by two geologic units represented by above-mentioned stratigraphic lineages, and their movement and joining broke out after Late Triassic time at least.

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