

Paleoseismicity on the Biwako and Miki faults in the Yamasaki fault zone, central Japan

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The Biwako and Miki faults in the Yamasaki fault zone are left-lateral strike-slip faults trending NW-SE. Three trenches were excavated to reveal the paleoseismic activity and the rupture probability in the future of these faults. A fault cutting humic sand and gravel layers was exposed on the trench walls at the Biwako site. Radiocarbon ages show that the last faulting event of the Biwoko fault is about 2,400 to 1,500 years ago.