

## Trenching study on the Sekiya fault at Sekiya in Tochigi Prefecture, central Japan

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We studied the detailed paleoseismological features to excavate two trenches on the southern part of the Sekiya fault, in Tochigi Prefecture, central Japan. The result shows that the last rapture event occurred after 11th century with 3 to 4 m displacement, and penultimate one occurred between BC2200 and BC780.

Taking the result of the work in 2000 into consideration, we conclude that the last rapture event of the Sekiya fault occurred after 11th century with at least 3 to 4 m displacement, and penultimate one occurred around BC2000.