

## **Uplifted sessile assemblages along the southern coast of the Kii Peninsula, recording large earthquakes of the Nankai Trough**

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To re-evaluate the uplift history associated with interplate earthquake caused from the Nankai Trough, we investigated the height distribution and ages of uplifted sessile assemblages along the southern coast of the Kii Peninsula. Based on dating result of 12 samples obtained by two surveys at June and November 2006, assemblages can be mainly divided into three levels as ca. 5000cal yBP assemblage on 3-4 m asl, 1000-2000cal yBP assemblage on 1-2 m asl and recent assemblage below 1 m asl. Our new findings are as follows; 1: height distribution of 5000cal yBP assemblage does not show northward tilting, 2: there are no 2000-4000 assemblage, 3: recent assemblage contains historical earthquakes of 1707, 1854 and 1946 events