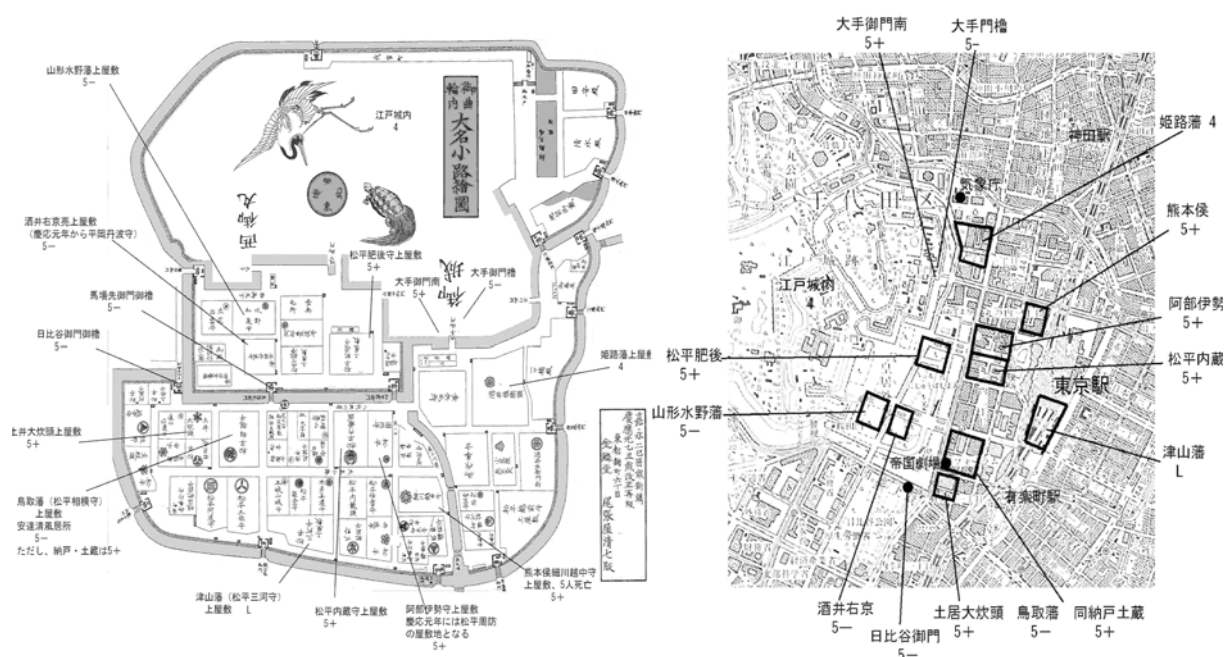


Detailed distribution of the seismic intensity of the 1854 Tokai earthquake in Tokyo city zone and on the Kanto plains

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The Ansei Tokai earthquake occurred in the sea region south off Tokai district. Due to this earthquake and the accompanied tsunami huge damage took place in Tokai Region. This earthquake also caused remarkable damage in Tokyo (Edo) city zone, and on the Kanto plains. In the present study we collected the descriptions of damage of this earthquake in Tokyo and Kanto plains by using Misha(1951, Nihon-Jishin Shiryo(the collected materials on the historical earthquakes) and ERI(1987) Newly revised collected materials of Historical earthquakes, and made a database. On the basis of descriptions, we clarify the location of each described point, and searched corresponding point on the present city map.

Figure shows the pin point distribution of seismic intensities (JMA scale) in the blocks east of the Empire's Palace to Tokyo Station.

Keywords: earthquakes in the Metropolitan area, Tokai earthquake, the 1854 Ansei tokai Earthquake, historical earthquakes