

Two types of Tsunami deposits in Kujukuri Coast at the 2011 Tohoku Earthquake

OKAZAKI, Hiroko^{1*}, OHKI Jun'ichi¹

¹Natural History Museum and Institute, Chiba

Tsunami caused by the 2011 Tohoku Earthquake brought terrible damage to Pacific Ocean side of Boso Peninsula, eastern part of Japan. This report described Tsunami deposits in Kujukuri Coast at the earthquake. Kujukuri Coast is sand beach, 60km long, along the northeastern part of Boso Peninsula. Recently, a supply of sand decreases and a man-made change is remarkable in the coast. The height of tsunami was approximately 2.5m (at Choshi) and raised northeastward remarkably. A coastal Tsunami deposits varied depending on the height of the tsunami and the existence of the artificial component and the width of sand beach.

Keywords: Tsunami deposits, Kujukuri Coast, 2011 Tohoku Earthquake