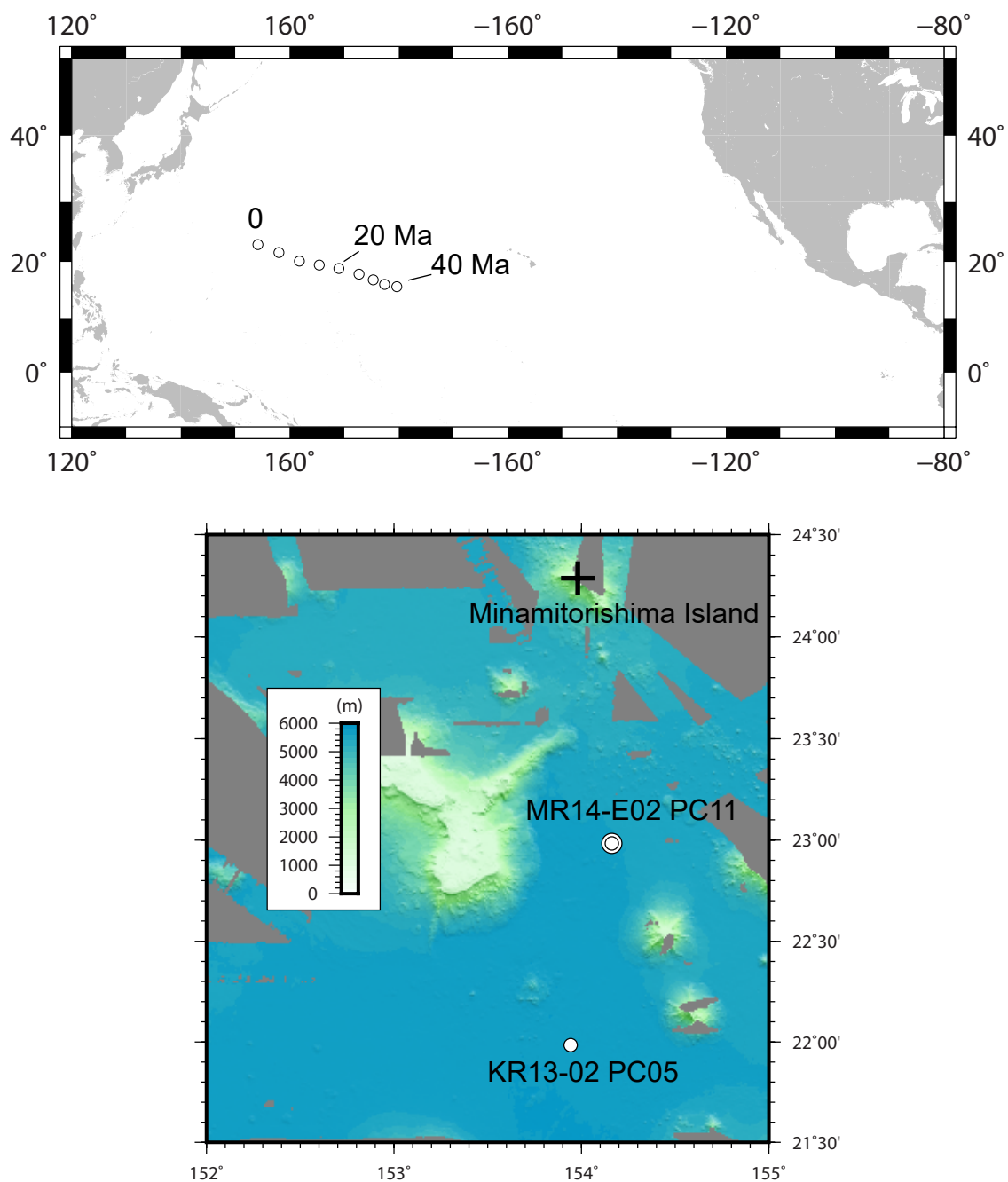




Additional file 1. (Top) Location and backtrack path of Minamitorishima Island at 5 Myr intervals. The backtrack path was calculated using GPlates (Boyden et al., 2011) with the rotation model of Matthews et al. (2016). (Bottom) Detailed locations of the core sites.