

COASTAL GEOMORPHOLOGY OF SEYMOUR ISLAND
(MARAMBIO ISLAND), ANTARCTIC PENINSULA
REGION (ABSTRACT)

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On the northern coast of Marambio Island (Seymour Island), there develop periglacial landforms such as frost domes, ice-wedges, ice-wedge casts, gelifluction terraces and lobes. There also develop raised beach topography at several levels. In order to estimate formative ages of them, five algae samples and three fine marine sediments were collected from the coast. The radiocarbon ages of them revealed that the frost domes and the lower raised beaches were formed during the late Holocene.

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