

Dredge Survey around Miyakejima, Kozushima and Niijima islands

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Dredge survey was done at 21 points around Miyakejima, Kozushima and Niijima. Seamounts stretched from Kozushima to the southeast at 250 to 400m in deep are composed of fresh basaltic lava and pyroclastics. This is the first time discovery of basaltic fragments around the Kozushima area. Basalt or basaltic andesite fragments are also recovered from the seamounts near Onoharujima, 7km west of Miyakejima. Altered tuff fragments are recovered from the plateau between Onoharujima and Kozushima. Sea mounts in the west area of Niijima are all covered by calcareous sediments.

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