

Preliminary Report on Deposits of Foraminiferal Tests in Seto-naikai, Japan. (Hiuchi-nada)

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Distribution of foraminiferal tests in Hiuchi-nada from 31 stations are described. (Fig. 1) The material used for this work were collected by T. Habe and J. Itoigawa, in June, 1954 for the purpose of making thanatologic and

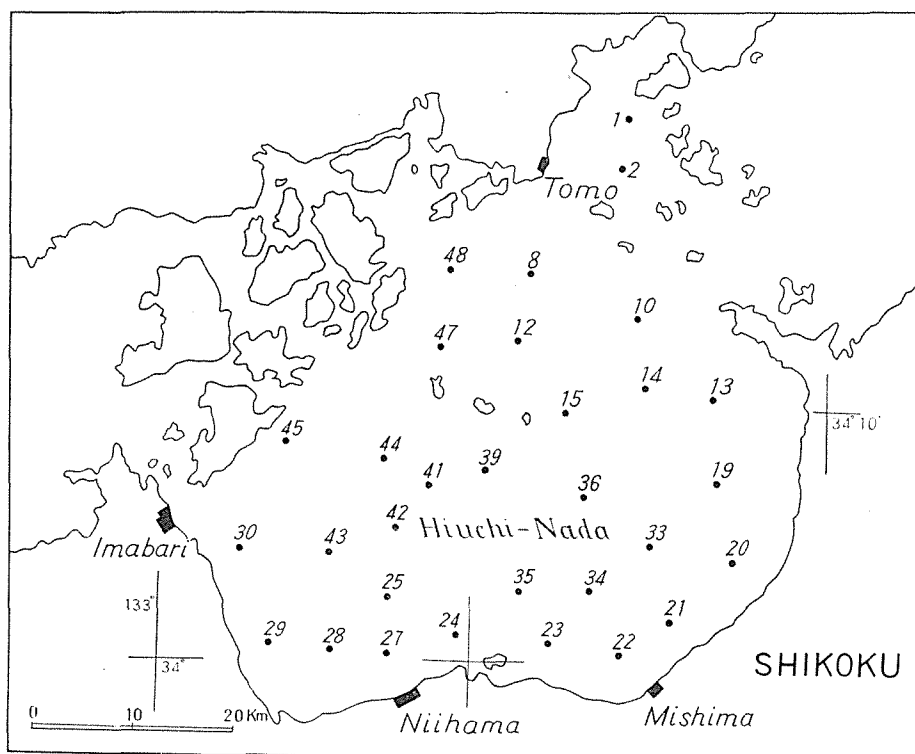


Fig. 1. Geographical location map.

ecologic research on benthos.

This is the first report of the Recent foraminiferal fauna in Seto-naikai as the basic study of paleoecology of the Paleo-Setouchi Group.* Bottom samples were taken from 31 stations. Ekman-Lenz's Bottom Sampler was employed. Approximately 30 cc. of surface material of each locality was screened with the 200 mesh standard sieve. The population of Foraminifera in the residue was counted. The percentage density of each species thus obtained is shown on Table 2.

The composition of fauna in Seto-naikai is quite different as compared with other bays or shallow seas in Japan.

I express my gratitude to all gentlemen who gave me many helps, particularly to Mr. M. Morishima.

Table 1

Station Nos.	Depth (m)	Bottom Temperature (C)	Bottom Salinity (C1‰)	Bottom Character
30	25.0	20.5	17.71	Mud with sand
29	12.0	20.5	17.55	Mud
45	16.0	20.0	17.39	Mud
43	23.0	19.7	17.55	Mud with fine sand
28	13.5	20.4	17.49	Mud
44	23.0	20.0	—	Mud
42	33.0	19.6	17.58	Mud with fine sand
25	23.0	19.8	17.55	Mud
27	12.0	19.9	17.47	Mud
48	17.0	20.2	19.24	Mud
47	21.0	20.5	17.55	Mud
41	27.0	19.9	17.55	Mud
24	20.0	19.9	17.55	Mud
12	20.5	20.3	17.31	Mud
39	21.0	19.9	17.44	Mud
35	24.0	20.0	17.55	Mud
23	21.0	20.0	17.47	Mud
8	23.0	18.8	17.60	Mud
15	19.0	19.9	17.49	Mud
36	20.0	19.9	17.39	Mud
34	20.0	19.2	17.55	Mud
22	21.0	19.4	17.55	Mud
10	26.0	18.5	17.71	Mud
14	22.0	18.5	17.68	Mud
33	25.0	20.1	17.56	Mud
13	27.0	18.4	17.60	Mud
19	24.6	19.4	17.65	Mud
21	22.0	20.0	17.50	Mud
20	17.0	20.3	17.55	Mud with pebbles
2	17.0	19.6	17.47	Mud
1	12.0	—	17.25	Mud

(The survey began on the 28th June and ended on the 1st July, 1954.)

* The Miocene inland sea strata seen in the Kinki districts etc.

Table 2

[illegible]