

表1. マダイに蓄積されるメチル水銀量(経路量ppm)

実験群	飼育日数(日)	実験開始	2	4	6	8	10
A: 海水にMM添加(0.5ppb)	}	0.012	0.019	0.019	0.022	0.038	0.033
B: MMを含む飼料(0.133ppm)			0.017	0.017	0.018	0.023	0.020
C: 水浸泥土(TM192, MM0.015ppm)添加			0.011	0.016	0.013	0.019	0.016
D: 対照			0.011	0.015	0.014	0.023	0.015

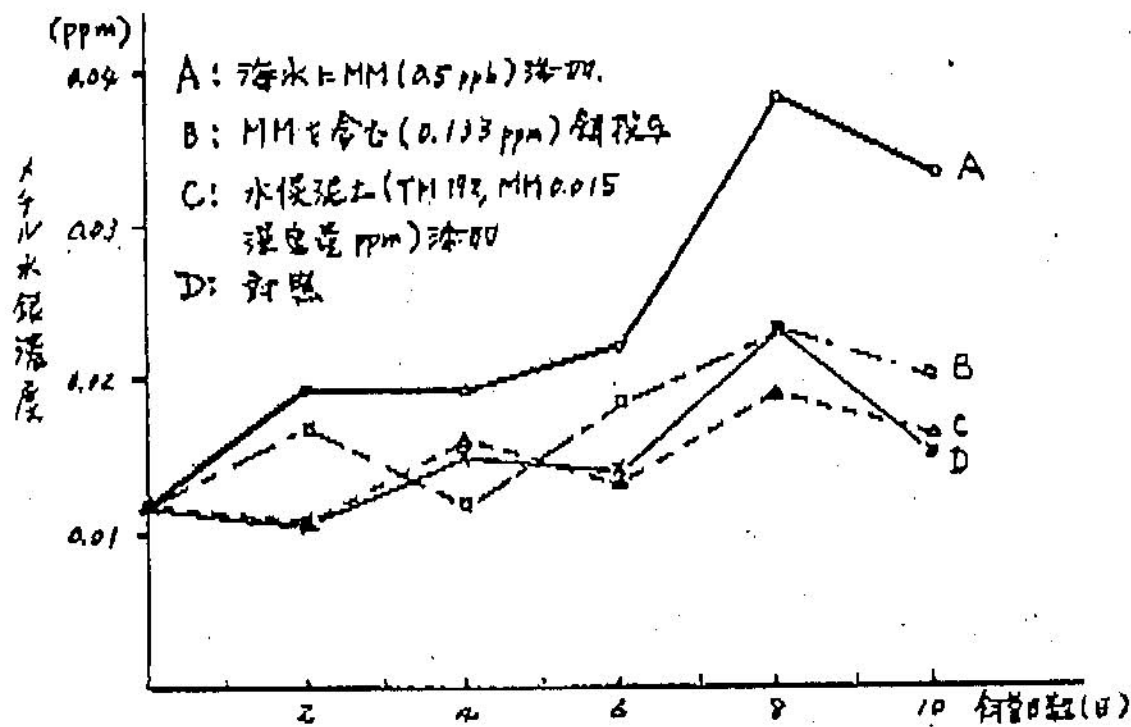


図2. 各群に於けるメチル水銀蓄積曲線

CONCLUSION

It was found by these experiments on environmental methylmercury accumulation in marine fish that mercury in the suspended solids and bottom sediments did not accumulate in the fish, that the accumulation via the food chain was unexpectedly low, and that dissolved methylmercury in sea water was the critical agent for methylmercury accumulation.