

TABLE 1. Characteristics of bacterioplankton collected from two sites determined by flow cytometry^a

Location	Depth (m)	Date	Population density (cells/ml, 10 ⁶)	MCV ^b (μm ³)	DNA ^c (fg/cell)	Carbon biomass ^d (μg of C/liter)
Resurrection Bay	0	3 Apr. 89	0.71	0.042	4.7	10.4
Resurrection Bay I	10	10 Dec. 89	0.83	0.048	2.5	13.9
Resurrection Bay II	10	24 Mar. 90	0.20	0.052	2.7	3.6
Resurrection Bay III	10	28 Aug. 90	1.07	0.074	3.7	27.7
North Sea	10	16 Feb. 91	0.11	0.061	3.3	2.4

^a The two sites were Resurrection Bay near Seward, Alaska, and near the oyster grounds, North Sea, The Netherlands.

^b MCV, mean cell volume.

^c Apparent DNA content (population mean).

^d The conversion factor 0.35×10^{-12} g of carbon per μm³ (8) was used.