

()

()

		<i>Chattonella</i>	2002	2010
2009	33	2010	54	

Chattonella antiqua

Karenia mikimotoi

2013	6	9		Stn. 10 (0 m)
1	1		Stn. 1 (0 m	1 m)

3.0 μm

(PAB: Particle-associated bacteria)

(FLB: Free-living bacteria)

ST10⁻¹

25

2

(CFU mL⁻¹: Colony forming units)

ST10⁻¹

48

(1%)

DAPI

C. antiqua *K. mikimotoi*

Stn. 10	Stn. 1	0 m		0.6	3.0 x 10 ⁶ cells mL ⁻¹	Stn. 1
1 m	0.4	2.0 x 10 ⁶ cells mL ⁻¹				FLB 10 ³
10 ⁴ CFU mL ⁻¹	PAB	10 ²	10 ⁴ CFU mL ⁻¹			<i>C. antiqua</i>

6

6

6

12

Stn. 10

Stn. 1 (0 m

1 m)

FLB PAB

K. mikimotoi

7

C. antiqua *K. mikimotoi* 2

a

16S rDNA