

Notice on Plankton Seminar

#12013

9:30-12:00, 20 Nov. (Tue.) 2012 at Room #W103

Chattonella antiqua ()

()

Chattonella antiqua

2009 33 , 2010 54 , 1972

13,300 cells mL⁻¹,

1,780 cells mL⁻¹

Chattonella

C.

antiqua

2012 6 9

1

(MS),

2 km

(MO) 500 mL

200 mL

500

, 10⁴

ST10⁻¹

MS

MO 10⁻³

3.0 μm

(PAB: Particle associated bacteria),

(FLB: Free living bacteria)

ST10⁻¹

(WS) 6 9

(St.1) 0 m,

1 m (B-1m)

500 mL

, MS MO

(Colony forming units: CFU mL⁻¹)

48

(1%), DAPI

C. antiqua

14hL: 10hD,

50 μmol photons m⁻² s⁻¹,

20 , 1

3.31-9.01 x 10⁸ cells g wet leaf⁻¹, MS MO 10⁶ cells mL⁻¹

10⁶-10⁸ CFU g wet leaf⁻¹, MS 10⁴-10⁵ CFU mL⁻¹, MO

10³-10⁴ CFU mL⁻¹

MS MO

PAB

FLB

C.

antiqua

1.6 x 10³ cells mL⁻¹

WS

10⁶ cells

mL⁻¹

0 m 10³-10⁵ CFU mL⁻¹, B-1 m

10²-10⁴ CFU mL⁻¹

WS

PAB FLB

WS

7

6.9 x 10² cells mL⁻¹

2011 5 9

DNA