

Trapa japonica (Phragmites australis) (BF)

1. 2014 5-10 1 (OP), (JL), (DP) 3 OP , 600 BF , BF , 3.0 μm (PAB: Particle-associated bacteria) , ST10⁻¹ (FLB: Free-living bacteria) , ST10⁻¹ , CT , Microcystis aeruginosa (Ma17) 1.0 x 10⁵ cells mL⁻¹ 48 0.8 mL

25°C, 100 μmol m⁻² sec⁻¹, 14 hL: 10 hD , M. aeruginosa

2.

2014 9 9 , , 3
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6-10 JL DP BF ,
, 630 17
, 1.5 x 10⁷ CFU g⁻¹ wet weight, 2.3 x 10⁷ CFU g⁻¹ wet weight
, , 3 , PAB
360 20 , FLB 360 25 ,
OP 3.6 x 10² CFU mL⁻¹ , JL DP
, 9.0 x 10², 2.2 x 10⁴ CFU mL⁻¹ ,
, FLB PAB
12 , PAB 13 , FLB
, FLB
JL DP ,
, BF
FLB ,
BF BF
BF , 6.9 x 10⁴ CFU g⁻¹ wet weight BF
10⁵ CFU g⁻¹ wet weight 1.4 x 10⁵ CFU g⁻¹ wet weight, 6.9 x
JL ,
3.8 x 10⁵ CFU g⁻¹ wet weight ,
BF
, PAB 4.2 x 10⁵ CFU mL⁻¹
, 7.0 x 10⁴ CFU mL⁻¹
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