

Table 3c: Phytoplankton density (cell L⁻¹) for diatoms and dinoflagellates on two sampling periods in locations Limbang/Lawas (LL)

Locations Plankton	LL1		LL2		LL3		LL4		LL5		LL6		LL7	
	Mar/Apr cell L ⁻¹	Jun/Jul cell L ⁻¹	Mar/Apr cell L ⁻¹	Jun/Jul cell L ⁻¹	Mar/Apr cell L ⁻¹	Jun/Jul cell L ⁻¹	Mar/Apr cell L ⁻¹	Jun/Jul cell L ⁻¹	Mar/Apr cell L ⁻¹	Jun/Jul cell L ⁻¹	Mar/Apr cell L ⁻¹	Jun/Jul cell L ⁻¹	Mar/Apr cell L ⁻¹	Jun/Jul cell L ⁻¹
Diatoms														
<i>Chaetoceros</i> spp.	1.5x10 ⁴	1.55x10 ⁶	3.5x10 ⁴	1.09x10 ⁶	1.45x10 ⁵	3.4x10 ⁵	8x10 ⁴	7.5x10 ⁴	2x10 ⁴	3x10 ⁴	5.5x10 ⁴	1x10 ⁴	1x10 ⁴	1.55x10 ⁵
<i>Pleurosigma</i> spp.	8x10 ⁴	1.0x10 ⁴	7x10 ⁴	1.0x10 ⁴	2.5x10 ⁴	1.0x10 ⁴	1.5x10 ⁴	2x10 ⁴						1.5x10 ⁴
<i>Bacteriastrium</i> spp.	1.0x10 ⁵	1.0x10 ⁵	1.15x10 ⁵	1.0x10 ⁴	2x10 ⁴	6.5x10 ⁴	3x10 ⁴	1.15x10 ⁵	5x10 ³	4.5x10 ⁴	2.0x10 ⁴			
<i>Thalassiothrix</i> spp.	9.5x10 ⁴	9.5x10 ⁴	9.5x10 ⁴	7x10 ⁴	2x10 ⁴	6.5x10 ⁴	3x10 ⁴	1.15x10 ⁵	5x10 ³	4.5x10 ⁴	2.0x10 ⁴			
<i>Asterionella</i> sp.		1.05x10 ⁵		1.05x10 ⁵										
<i>Coscinodiscus</i> spp.	3x10 ⁴	1.5x10 ⁴	1.5x10 ⁴	5x10 ³	1.45x10 ⁵	1.5x10 ⁴	2.05x10 ⁵	4x10 ⁴	2.95x10 ⁵	2.5x10 ⁴	1.5x10 ⁴			1.5x10 ⁴
<i>Nitzschia</i> spp.	1.45x10 ⁵	4.0x10 ⁵	1.45x10 ⁵	5.5x10 ⁴	3.15x10 ⁵	1.5x10 ⁵	3.0x10 ⁴	3.0x10 ⁴						
<i>Cerataulina</i> spp.		6x10 ⁴		6x10 ⁴		6.5x10 ⁴		4x10 ⁴		5x10 ³		1.5x10 ⁴		1.55x10 ⁵
<i>Rhizosolenia</i> spp.	5x10 ³	5x10 ⁴	5x10 ³	6x10 ⁴	5x10 ³	6.5x10 ⁴	5x10 ³	4x10 ⁴		5x10 ³		1.5x10 ⁴		8.5x10 ⁴
<i>Leptocylindricus</i> spp.	4.5x10 ⁴	6.95x10 ⁵	1.5x10 ⁴	4.45x10 ⁵	2.95x10 ⁵	2.95x10 ⁵	1.15x10 ⁵	1.15x10 ⁵	2.5x10 ⁴	2.5x10 ⁴	2.5x10 ⁴	1.25x10 ⁵		1.0x10 ⁴
<i>Navicula</i> spp.	1.65x10 ⁵	6x10 ⁴	1.65x10 ⁵	1.65x10 ⁵	9.5x10 ⁴	7x10 ⁴	1.25x10 ⁵	1.4x10 ⁵	4.5x10 ⁴	1.05x10 ⁵	4.5x10 ⁴	1.25x10 ⁵		1.0x10 ⁴
<i>Skeletonema</i> sp.	1.0x10 ⁴	1.0x10 ⁴	5x10 ³	1.0x10 ⁴	1x10 ⁴	1x10 ⁴	5x10 ³	1.5x10 ⁴				5x10 ³		5x10 ³
<i>Bocillaria</i> spp.		1.0x10 ⁴		1.0x10 ⁴										
<i>Thalassionema</i> spp.	8.5x10 ⁴	8.5x10 ⁴	5x10 ³	4x10 ⁴	5x10 ³	1.55x10 ⁵	2.5x10 ⁴	1.55x10 ⁵		2x10 ⁴	3x10 ⁴	1.0x10 ⁴		
<i>Corethron</i> spp.	1.0x10 ⁴	1.0x10 ⁴	3.0x10 ⁴	3.0x10 ⁴	1.5x10 ⁴	1.5x10 ⁴	1.0x10 ⁴	1.0x10 ⁴						
<i>Hemiaulus</i> spp.		1.5x10 ⁴		1.5x10 ⁴		6.0x10 ⁴		1.5x10 ⁴						
<i>Hemidiscus</i> spp.		5x10 ³		1.5x10 ⁴		5x10 ³		5x10 ³						
<i>Amphora</i> spp.	1.5x10 ⁴	1.5x10 ⁴	5x10 ³	1.5x10 ⁴	5x10 ³	5x10 ³	5x10 ³	5x10 ³				5x10 ³		
<i>Amphorellopsis</i> sp.		1.0x10 ⁴		5x10 ³		4x10 ⁴		5x10 ³			5x10 ³			
<i>Guinardia</i> spp.	1.0x10 ⁴	1.0x10 ⁴	1.0x10 ⁴	1.5x10 ⁴	4x10 ⁴							5x10 ³		
<i>Amphiproora</i> spp.	2.0x10 ⁴	2.0x10 ⁴	2.5x10 ⁴	2.5x10 ⁴	2.5x10 ⁴			5x10 ³		1.5x10 ⁴				
<i>Ditylum</i> sp.	2.8x10 ⁴	2.8x10 ⁴	6.5x10 ⁴	6.5x10 ⁴	6.5x10 ⁴			3.5x10 ⁴						
<i>Pseudonitzschia</i> spp.														5x10 ³
Dinoflagellates														
<i>Ceratium</i> spp.	1.0x10 ⁴	1.0x10 ⁴	5x10 ³	1.0x10 ⁴	1.0x10 ⁴	1.0x10 ⁴	5x10 ³	1.0x10 ⁴						5x10 ³
<i>Peridinium</i> spp.	1.5x10 ⁴	1.5x10 ⁴	1.0x10 ⁴	1.0x10 ⁴	1.0x10 ⁴	1.0x10 ⁴	1.0x10 ⁴	1.0x10 ⁴		4.5x10 ⁴	1.5x10 ⁴	5x10 ³		
<i>Dinophysis</i> spp.														
<i>Prorocentrum</i> spp.	1.5x10 ⁴	1.5x10 ⁴	5x10 ³	5x10 ³	5x10 ³	5x10 ³	5x10 ³	5x10 ³						2.0x10 ⁴
<i>Protoperidinium</i> spp.														
<i>Gambierdiscus</i> sp.														5x10 ³
<i>Alexandrium</i> sp.														5x10 ³
<i>Ornithocercus</i> sp.														1.0x10 ⁴
<i>Gymnodinium</i> sp.														1.0x10 ⁴