SoundToxins Phytoplankton Identification **2017**

Date:	1/3/2017	1/17/2017	2/9/2017	2/23/2017	3/7/2017	3/21/2017	3/28/2017	4/4/2017	4/11/2017	4/18/2017	4/25/2017	5/2/2017	5/15/2017	5/23/2017	6/8/2017	6/12/2017	6/19/2017	6/26/2017	7/3/2017	7/18/2017	7/24/2017
Sampler:	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor
HABs	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance		Abundance	Abundance	Abundance	Abundance	Abundance	Abundance
Pseudo-nitzchia														P	P	P	P	P	P	B	C
Alexandrium																					
Dinophysis																					
Heterosigma																					
DIATOMS (genus)	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance		Abundance	Abundance	Abundance	Abundance	Abundance	Abundance
Actinoptychus		P		P	P	P	P	P												P	
Asterionellopsis						P	P		P				P								P
Asteromphalus																					
Bacteriastrum																					
Cerataulina																					
Chaetoceros	P	P			P		P		P	P	P	P	P	P	P	P			P	P	P
Corethron																					
Coscinodiscus	P	P		P	P		P	P	P	P	P	P	P	P	C	P	P	P			P
Cylindrotheca		P		P	P		P					P	P			P					
Dactyliosolen														P							
Detonula															P			P			
Ditylum	P	P		P	P		P						P			P				P	P
Eucampia																					
Fragilaria																					
Guinardia																					
Hemiaulus																					
Lauderia																					
Leptocylindrus																					
Licomorpha																					P
Melosira																					
Navicula				P			P									P	P	P	P		
Odontella																					
Paralia																					
Proboscia																					
Pleurosigma	P				P		P	P	P			P		P	P	P	P	P	P	P	
Rhizosolenia						P	P	P	P	P			P		P	P	P		P	P	P
Skeletonema	P	P	P				P			P	P	P	P	P	P	P	P	C	P	P	P
Stephanopyxis											P			P	P						
Striatella																					
Thalassionema	P	P	P	P	P	P	C	P	C	C	C	P	P	P	P	P	P	P		P	P
Thalassiosira	P	P	P		P	P	B	C	B	B	P		P	P	P	P			P	P	P
Tropidoneis																					
DINOFLAGELLATES	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance		Abundance	Abundance	Abundance	Abundance	Abundance	Abundance
Akashiwo																					
Amylax																					
Azadinium																					
Ceratium																					
Dissodinium																					
Gonyaulax																					
Gymnodinium																	P				
Gyrodinium									P	P	P		P	P							
Heterocapsa							P														
Lingulodinium																					
Meringosphaera	P																				
Noctiluca													P							P	
Oxyphysis																					
Polykrikos																					
Prorocentrum																					
Prortocertium																					
Protoperidinium										P				P					P		P
Scrippsiella																					
Unident. Centric Diatom																					
Unident. Pennate Diatom		P										P	P		P	P					
Unident. Ciliate											P	P	P	P	P						
Unident. Dinoflag.																					
Unident. Flag.			P	P		P		P				P			P	P	P		P		
OTHER	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance		Abundance	Abundance	Abundance	Abundance	Abundance	Abundance
Dictyocha										P				P			P				
Ebria																					
Phaeocystis																					
ZOOPLANKTON	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance		Abundance	Abundance	Abundance	Abundance	Abundance	Abundance
Brittle Star Larva																					
Cladoceran														P			P		P		
Copepod	P			P	P			P		P	P	P	P	P	P	P			P		
Cyprid									P		P						P				P
Gastropod Veliger																					
Lavarcean							P		P	P	P					P					
Nauplius		P	P			P	P	P	P	P		P		P	P	P	P		P	P	P
Polychaete Worm		P											P						P		
Rotifer							P		P												
Tintinnid					P				P	P				P	P	P		P			

KEY:	
	Present
	Common
	Bloom

7/31/2017	8/14/2017	8/28/2017	9/7/2017	9/19/2017	9/25/2017	10/2/2017	10/10/2017	10/16/2017	10/23/2017	10/30/2017	10/31/2017	11/6/2017	11/22/2017	12/7/2017	SUM	% Presence
M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	M. Taylor	F. Perez	F. Perez	M. Taylor	M. Taylor	36	
Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance		
P	P	P		P		P	C	P			P	P	P		18	50.00
				P			P								2	5.56
															0	0.00
															0	0.00
Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance		
				P	P	P	P	P	P			P	P		15	41.67
	P	P	P			P	P	P							11	30.56
									P						1	2.78
		P													1	2.78
															0	0.00
P	P	C	C	P	P	P	P	P				P	P	P	27	75.00
			P												1	2.78
P		P	P	P	P	P	P	P	P	P			P		28	77.78
		P	P	P	P	P			P			P			14	38.89
												P			2	5.56
															2	5.56
	P	P	P	P	P	P	P	P				P			18	50.00
															0	0.00
		P													1	2.78
															0	0.00
	P						P								2	5.56
															0	0.00
															0	0.00
															1	2.78
					P			P							2	5.56
	P	P	P		P		P		P						12	33.33
	P	P	P	C	P	P					P		P		8	22.22
															0	0.00
															0	0.00
P	P	P		P	P	P	P						P		21	58.33
P	P	P					P								16	44.44
P	P	P	P			P					P	C	P		24	66.67
			P									P			5	13.89
													P		1	2.78
P				P	P	P	P	P		P	P	P			29	80.56
P	P	P				P	P				P	P	P	P	26	72.22
						P	P	P					P		4	11.11
Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance		
															0	0.00
															0	0.00
															0	0.00
												P			1	2.78
															0	0.00
															0	0.00
			P												2	5.56
															5	13.89
															1	2.78
															0	0.00
															1	
			P												3	8.33
															0	0.00
															0	0.00
											C	P	P		3	8.33
															0	0.00
P				P		P									7	19.44
															0	0.00
															0	0.00
															5	13.89
				P	P	P	P								9	25.00
											P	P			2	5.56
		P		P											11	30.56
Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance		
								P							4	11.11
															0	0.00
															0	0.00
Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance	Abundance		
															0	0.00
									P				P		5	13.89
P			P	P				P					P		17	47.22
															4	11.11
															0	0.00
			P	P		P									8	22.22
P		P	P	P		P	P		P		P		P		24	66.67
															3	8.33
	P	P													4	11.11
											P		P		9	25.00