



APÉNDICE 1
Rasgos funcionales de los géneros de algas perifíticas en los ríos estudiados en la Reserva La Planada

APPENDIX 1
Functional traits of the periphytic algae genera in the rivers studied in the la Planada Reserve

Género	La Calladita						El Tejón						Pialapí						Miraflores					
	Dim. Máx	Rel. S/V	Biovol.	Exoesq. Si	Filam.	Mucil.	Dim. Máx	Rel. S/V	Biovol.	Exoesq. Si	Filam.	Mucil.	Dim. Máx	Rel. S/V	Biovol.	Exoesq. Si	Filam.	Mucil.	Dim. Máx	Rel. S/V	Biovol.	Exoesq. Si	Filam.	Mucil.
Achnanthidium							30.92	1.06	525.56	+	-	-	31.52	1.56	303.59	+	-	-						
Amphora	23.29	0.55	2184.16	+	-	+																		
Aulacoseira							200.45	0.45	409593.60	+	+	-	110.68	0.21	111903.90	+	+	-	157.03	0.13	354481.86	+	+	-
Bulbochaete	67.17	0.12	37955.96	-	+	-																		
Chamaesiphon													59.53	1.05	558.63	-	-	+						
Closterium																			11.27	1.81	191.33	-	-	+
Cocconeis													40.16	0.80	1828.33	+	-	+						
Cosmarium							14.06	1.20	179.99	-	-	-	22.88	0.87	1057.32	-	-	-						
Cyclostephanos							32.83	0.18	18522.18	+	-	-												
Cylindrocapsa													121.99	0.27	99409.27	-	+	-						
Cymbella	28.70	0.29	3125.33	+	-	+	34.44	0.50	979.55	+	-	+	38.10	0.40	1658.01	+	-	+	36.38	0.23	6422.06	+	-	+
Desmidium							51.43	1.04	5922.09	-	+	-	95.08	1.06	22569.18	-	+	-						
Diadesmis							18.64	0.99	186.37	+	+	-	13.40	1.92	30.22	+	+	-	24.66	0.99	228.67	+	+	-
Diatoma							19.17	1.06	262.06	+	+	+	13.24	1.30	62.99	+	+	+						
Diatomella							23.29	0.69	1088.19	+	-	-	13.10	0.88	410.58	+	-	-						
Dictyosphaerium													3.80	1.65	32.57	-	-	+	7.03	0.90	210.83	-	-	+
Encyonema							32.23	0.59	598.87	+	-	+	39.41	0.40	1799.45	+	-	+	35.56	0.61	964.50	+	-	+
Encyonopsis							24.93	0.79	233.53	+	-	+	22.27	1.41	95.89	+	-	+	23.63	0.77	570.60	+	-	+
Eunotia	32.84	0.65	655.97	+	-	+																		
Fragilaria							77.01	0.78	3128.06	+	+	+	139.59	0.93	7526.97	+	+	+	60.42	0.84	1960.99	+	+	+
Frustulia							47.75	0.86	1381.92	+	-	+												
Geissleria							35.19	0.40	7925.39	+	-	-	36.17	0.29	12388.73	+	-	-						
Gomphoneis													18.30	2.51	72.29	+	-	+						
Gomphonema	22.62	1.38	160.86	+	-	+	21.62	1.39	160.34	+	-	+	24.63	1.35	153.12	+	-	+	23.56	1.35	139.60	+	-	+



Género	La Calladita						El Tejón						Pialapí						Miraflores					
	Dim. Máx	Rel. S/V	Biovol.	Exoesq. Si	Filam.	Mucil.	Dim. Máx	Rel. S/V	Biovol.	Exoesq. Si	Filam.	Mucil.	Dim. Máx	Rel. S/V	Biovol.	Exoesq. Si	Filam.	Mucil.	Dim. Máx	Rel. S/V	Biovol.	Exoesq. Si	Filam.	Mucil.
Gonatozygon													83.84	0.20	76415.43	-	-	-						
Hapalosiphon	121.87	0.10	59132.06	-	+	-																		
Luticola							34.02	0.96	630.79	+	-	-	22.54	1.41	213.02	+	-	-						
Lyngbya	28.12	0.21	2735.43	-	+	+													42.80	0.12	11254.51	-	+	+
Mastogloia													41.30	1.22	1110.95	+	-	+	41.13	0.76	1933.80	+	-	+
Melosira	97.08	0.06	85669.78	+	+	+	246.55	0.23	440213.97	+	+	+							90.71	0.06	100455.30	+	+	+
Navicula	25.39	0.87	646.97	+	-	+							40.02	1.18	888.82	+	-	+	24.37	0.89	513.50	+	-	+
Nitzschia							26.12	0.86	545.24	+	-	+	21.35	0.74	441.93	+	-	+	31.07	0.81	524.52	+	-	+
Nostoc							33.19	1.19	1875.64	-	+	+												
Oedogonium	134.76	0.14	33142.70	-	+	-	225.80	0.28	403114.66	-	+	-												
Oscillatoria	34.23	0.19	3766.91	-	+	+	37.29	0.60	7144.47	-	+	+	90.72	0.82	24179.92	-	+	+	39.94	0.12	17547.10	-	+	+
Phormidium	147.21	0.21	15945.04	-	+	-																		
Phymatodocis													190.30	0.90	17975.16	-	+	-	113.55	1.54	5818.33	-	+	-
Pinnularia	155.95	0.42	19117.48	+	-	-	39.57	0.63	2376.21	+	-	-	42.81	0.55	3416.09	+	-	-	134.17	0.46	12976.88	+	-	-
Rhabdoderma							8.10	1.80	49.66	-	-	+	4.51	2.47	19.33	-	-	+						
Rhoicosphenia													31.67	1.33	203.93	+	-	+						
Sirogonium							262.47	0.56	207928.48	-	+	-												
Stenopterobia							37.90	0.64	468.57	+	-	-	24.15	1.39	76.57	+	-	-						
Stigeoclonium							1276.89	0.23	11467243.69	-	+	-							196.48	0.12	56053.16	-	+	-
Synedra							31.97	1.16	605.81	+	-	+	59.18	1.42	1140.40	+	-	+	41.13	1.89	262.56	+	-	+
Tabellaria	68.23	0.47	5117.54	+	+	+	29.54	0.79	2133.79	+	+	+												
Tolypothrix	144.32	0.12	44184.77	-	+	-																		
Zygnema							115.97	0.32	73254.64	-	+	+												

Dim. Max: dimensión máxima (μ); Rel. S/V: relación superficie-volumen; Biovol.: biovolumen (μ^3); Exoesq. Si: presencia de un exoesqueleto de sílice; Filam.: organización en filamentos; Mucil.: presencia de mucílago; +: presencia del rasgo; -: ausencia del rasgo.