

APPENDIX

Supporting Information – Check list of benthic invertebrates collected in 15 streams of three south Brazilian *Campos* landscapes. Last lines show richness and abundance. List is ordered based on % = relative abundance of each taxon

MORPHOSPECIES	TAXON	FFG	PAL1	PAL2	PAL3	PAL4	PAL5	PAI1	PAI2	PAI3	PAI4	PAI5	TIB1	TIB2	TIB3	TIB4	TIB5	TOT	%
Bivalves sp.4	Bivalvia	Co.Fi	0	29	70	0	140	18	6	0	1	13	0	0	0	0	0	277	26.18
<i>Aegla</i> sp.	Aeglidae	Sh.De	9	4	11	11	7	33	36	9	15	40	0	0	0	0	0	175	16.54
Lymnaeidae sp.	Gastropoda	Sc	0	0	0	0	0	5	16	18	53	55	0	0	0	0	0	147	13.89
Bivalves sp.1	Bivalvia	Co.Fi	5	4	13	11	27	3	0	7	2	7	0	0	0	0	0	79	7.47
Chironomidae sp.	Diptera	Ga.Co	1	6	1	2	28	5	6	22	0	2	1	0	1	0	1	76	7.18
Elmidae sp.2	Coleoptera	Ga.Co	2	13	3	0	3	5	3	4	1	1	0	0	0	0	1	36	3.40
Odontoceridae sp.	Trichoptera	Sc	0	0	4	0	8	0	0	0	0	0	16	0	0	0	0	28	2.65
<i>Limnocois</i> sp.	Naucoridae	Pr	0	0	0	0	0	0	0	0	0	0	0	8	3	6	4	21	1.98
Oligochaeta sp.	Oligochaeta	-	0	3	14	0	3	0	0	0	0	0	1	0	0	0	0	21	1.98
Gomphidae sp.	Odonata	Pr	0	1	0	0	10	0	0	0	0	0	3	3	0	0	1	18	1.70
Helotrephidae sp.	Hemiptera	Pr	0	0	0	0	1	0	6	11	0	0	0	0	0	0	0	18	1.70
Tipulidae sp.	Diptera	Pr	0	0	1	5	1	1	1	0	0	3	0	0	0	0	4	16	1.51
<i>Campylocia</i> sp.	Euthyplociidae	Ga.Co	0	0	0	0	0	2	4	0	1	7	0	0	0	0	0	14	1.32
<i>Xenelmis</i> sp.	Elmidae	Ga.Co	0	0	1	0	9	0	0	1	0	0	0	0	0	0	0	11	1.04
Calamoceratidae sp.	Trichoptera	Sh.De	0	3	1	0	2	0	1	1	0	1	1	0	0	0	0	10	0.95
Ceratopogonidae sp.	Diptera	Pr	0	2	0	0	1	1	2	3	0	1	0	0	0	0	0	10	0.95
<i>Psephenus</i> sp.	Psephenidae	Sc	0	0	0	0	6	1	1	2	0	0	0	0	0	0	0	10	0.95
Libellulidae sp.	Odonata	Pr	0	2	1	0	4	0	0	0	0	0	1	1	0	0	0	9	0.85

Naucoridae sp.	Hemiptera	Pr	0	1	0	0	7	0	1	0	0	0	0	0	0	0	0	9	0.85
Bivalves sp.2	Bivalvia	Co.Fi	0	2	5	0	0	0	0	0	0	0	0	0	0	0	0	7	0.66
Leptoceridae sp.	Trichoptera	Sh.De	0	1	0	0	2	4	0	0	0	0	0	0	0	0	0	7	0.66
Hydracarina sp.	Acari	-	0	0	0	0	1	0	0	5	0	0	0	0	0	0	0	6	0.57
Calopterygidae sp.	Odonata	Pr	1	2	0	0	0	0	0	0	0	0	0	0	1	0	1	5	0.47
Hydrobiidae sp.	Gastropoda	Sc	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4	0.38
Aeshnidae sp.	Odonata	Pr	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	3	0.28
<i>Atopsyche</i> sp.	Hydrobiosidae	Pr	0	0	0	0	0	0	0	2		0	0	0	1	0	0	3	0.28
Elmidae sp.1	Coleoptera	Ga.Co	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	3	0.28
Simuliidae sp.	Diptera	Co.Fi	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.28
Baetidae sp.	Odonata	Pr	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.19
Hemiptera sp.2	Hemiptera	Pr	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.19
Hydropsychidae sp.	Trichoptera	Co.Fi	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.19
Perlidae sp.1.	Plecoptera	Pr	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0.19
<i>Phanoceroides</i> sp.	Elmidae	Ga.Co	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0.19
<i>Progomphus</i> sp.	Gomphidae	Pr	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0.19
Trichoptera sp.	Trichoptera	-	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0.19
<i>Americabaetis</i> sp.	Baetidae	Pr	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.09
Belostomatidae sp.	Hemiptera	Pr	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.09
<i>Chloronia</i> sp.	Corydalidae	Pr	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.09
Coenagrionidae sp.	Odonata	Pr	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.09
Corduliidae sp.	Odonata	Pr	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.09
Corydalinae sp.	Megaloptera	Pr	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.09

Perlidae sp.2.	Plecoptera	Pr	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.09
Helicopsychidae sp.	Trichoptera	Sc	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.09
Hemiptera sp.1	Hemiptera	Pr	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.09
Hirudinea sp.	Hirudinea	-	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.09
Lepidoptera sp.	Lepidoptera	-	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.09
Leptohephidae sp.	Ephemeroptera	Ga.Co	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.09
Leptophlebiidae sp.	Odonata	Pr	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.09
<i>Anacroncuria</i> sp.	Perlidae	Pr	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.09
Megapodagrionidae																			
sp.	Odonata	Pr	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.09
<i>Phyllogomphoides</i> sp.	Gomphidae	Pr	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.09
Protoneuridae sp.	Odonata	Pr	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.09
Veliidae sp.	Hemiptera	Pr	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.09
RICHNESS			7	20	15	5	21	17	17	14	8	14	7	4	4	1	7		
																		1	
ABUNDANCE			20	84	128	30	264	84	88	87	75	136	24	13	6	6	13	058	

PAL = Palmas; PAI = Painel; TIB = Tibagi. FFG = functional feeding groups.