

**Appendix I. Temporal variations (range, average \pm SD) of abiotic parameters
(after Sharma & Sharma 2012)**

FACTORS		Station 1		Station 2	
		Range	Average \pm SD	Range	Average \pm SD
Water temperature	$^{\circ}$ C	19.7 – 33.2	27.8 \pm 4.0	20.2 – 32.7	27.9 \pm 3.7
Rainfall	mm	4.8 – 365.0	150.4 \pm 145.7	4.8 – 365.0	150.4 \pm 145.7
Transparency	cm	16.0 – 76.0	52.7 \pm 20.5	17.0 – 79.0	55.4 \pm 21.2
pH		6.72 – 7.16	6.95 \pm 0.12	6.75 – 7.12	6.94 \pm 0.11
Specific conductivity	μ S cm^{-1}	99.0 – 193.0	137.8 \pm 30.0	108.0 – 190.0	136.9 \pm 27.8
Dissolved oxygen	mg L^{-1}	4.0 – 8.0	6.5 \pm 1.2	4.0 – 8.2	6.1 \pm 1.4
Free carbon dioxide	mg L^{-1}	4.0 – 30.0	11.3 \pm 7.0	2.0 – 28.9	10.9 \pm 6.8
Alkalinity	mg L^{-1}	50.0 – 84.0	64.8 \pm 10.0	52.0 – 81.0	66.3 \pm 9.4
Hardness	mg L^{-1}	48.0 – 68.0	56.8 \pm 75.1	46.0 – 70.0	57.3 \pm 7.8
Calcium	mg L^{-1}	24.1 – 42.4	35.1 \pm 5.9	25.7 – 47.3	34.5 \pm 5.8
Magnesium	mg L^{-1}	0.9 – 7.5	4.9 \pm 2.2	0.8 – 7.5	5.3 \pm 2.1
Chloride	mg L^{-1}	18.9 – 42.9	28.5 \pm 6.4	16.9 – 43.9	27.5 \pm 6.8
Dissolved organic matter	mg L^{-1}	0.9 – 3.8	2.66 \pm 0.87	0.8 – 3.8	2.38 \pm 0.80
Total dissolved solids	mg L^{-1}	1.1 – 2.9	1.97 \pm 0.52	1.1 – 2.9	2.01 \pm 0.50
Phosphate	mg L^{-1}	0.095 – 0.351	0.171 \pm 0.083	0.099 – 0.341	0.170 \pm 0.077
Sulphate	mg L^{-1}	6.3 – 30.3	15.52 \pm 7.41	6.8 – 26.3	14.43 \pm 6.23
Nitrate	mg L^{-1}	0.272 – 1.548	1.011 \pm 0.375	0.268 – 1.521	1.016 \pm 0.373
Silicate	mg L^{-1}	0.599 – 2.657	1.687 \pm 0.692	0.543 – 2.704	1.710 \pm 0.700
B.O.D ₅	mg L^{-1}	1.6 – 4.4	2.72 \pm 0.70	1.4 – 4.8	2.63 \pm 0.86

Appendix II: Monthly zooplankton abundance (ind. L⁻¹) at station 1

Species ↓	Months→	J	F	M	A	M	J	J	A	S	O	N	D
Rotifera													
Family : Brachionidae													
<i>Anuraeopsis coelata</i> De Beauchamp		0	0	1	0	0	0	0	0	0	0	2	0
<i>A. fissa</i> Gosse		0	1	0	0	3	2	0	3	0	0	0	2
<i>Brachionus angularis</i> Gosse		1	0	3	2	0	0	3	3	0	0	5	2
<i>B. bidentatus</i> Anderson		0	2	1	0	0	4	0	0	3	6	0	4
<i>B. calyciflorus</i> (Pallas)		1	1	3	0	0	0	2	3	6	2	4	0
<i>B. caudatus</i> (Barrois & Daday)		3	5	2	3	0	3	2	0	3	0	8	4
<i>B. diversicornis</i> (Daday)		1	1	3	0	0	0	0	2	0	4	3	0
<i>B. falcatus</i> Zacharias		5	13	7	17	21	25	19	10	7	15	9	6
<i>B. forficula</i> Wierzejski		2	3	3	0	1	0	2	2	2	0	0	2
<i>B. mirabilis</i> (Daday)		0	0	0	2	1	2	0	0	0	2	0	1
<i>B. quadridentatus</i> (Hermann)		2	1	2	0	4	0	0	4	2	2	0	3
<i>B. rubens</i> Ehrenberg		0	0	0	2	2	0	0	0	2	0	0	1
<i>Plationus patulus</i> (Muller)		7	7	8	8	7	5	6	9	10	10	7	7
<i>Platylabus quadricornis</i> (Ehrenberg)		3	1	2	6	8	7	2	1	3	2	6	5
<i>Keratella cochlearis</i> Gosse		12	10	4	9	9	5	3	4	9	14	12	9
<i>K. lenzi</i> Hauer		2	1	0	2	0	0	0	0	2	1	0	2
<i>K. procurva</i> (Thorpe)		0	0	0	2	3	2	0	0	1	0	2	0
<i>K. quadrata</i> (Muller)		0	1	1	0	0	3	4	0	0	4	2	0
<i>K. tropica</i> (Apstein)		3	2	1	0	4	4	2	1	3	8	10	5
Family : Euchlanidae													
<i>Dipleuchlanis propatula</i> (Gosse)		0	0	0	0	2	0	0	0	0	0	0	3
<i>Euchlanis dilatata</i> Ehrenberg		4	6	8	6	9	3	6	7	4	6	5	7
<i>E. triquetra</i> Ehrenberg		1	0	0	0	0	0	2	0	0	0	0	0
Family : Mytilinidae													
<i>Mytilina bisulcata</i> (Lucks)		0	0	2	2	0	0	0	0	2	0	1	2
<i>M. ventralis</i> (Ehrenberg)		3	2	0	3	2	0	0	2	0	2	3	4
Family : Trichotriidae													
<i>Macrochaetus sericus</i> (Thorpe)		2	1	0	1	1	0	1	0	2	2	3	2
<i>Trichotria tetractis</i> (Ehrenberg)		1	2	0	2	2	2	3	2	3	0	0	2
Family : Lepadellidae													
<i>Colurella obtusa</i> (Gosse)		1	0	2	0	2	1	0	0	2	0	0	2
<i>C. uncinata</i> (Muller)		2	0	0	3	0	0	2	2	3	0	1	1
<i>Lepadella apsicora</i> (Myers)		0	0	0	0	0	0	0	0	0	0	2	0
<i>L. ehrenbergi</i> (Perty)		1	0	1	0	2	3	0	1	0	2	0	2
<i>L. heterostyla</i> (Murray)		0	1	0	2	0	2	2	0	1	2	1	3
<i>L. ovalis</i> (Muller)		1	1	1	0	3	0	0	4	0	3	4	2
<i>L. patella</i> (Muller)		2	1	0	0	0	1	1	0	2	0	3	1
<i>L. rhomboides</i> (Gosse)		1	0	1	4	2	0	2	0	2	1	0	0
Family : Lecanidae													
<i>Lecane aculeata</i> (Jakubski)		0	0	2	3	3	0	0	0	1	2	0	0
<i>L. bulla</i> (Gosse)		6	1	1	4	4	5	6	10	8	16	23	12
<i>L. closterocerca</i> (Schmarda)		1	1	1	3	2	0	2	2	3	3	0	2
<i>L. crepida</i> (Harring)		0	0	0	0	1	0	2	0	0	2	0	0
<i>L. curvicornis</i> (Murray)		5	6	9	5	5	3	3	2	6	9	7	5
<i>L. furcata</i> (Murray)		0	3	0	0	2	0	0	2	0	3	0	1
<i>L. hamata</i> (Stokes)		1	2	1	0	0	0	0	0	2	0	0	0
<i>L. hornemanni</i> (Ehrenberg)		3	0	0	0	0	0	0	0	4	0	0	0
<i>L. inermis</i> (Bryce)		0	0	0	0	0	2	0	0	0	0	0	0

Appendix II: Monthly zooplankton abundance (ind. L⁻¹) at station 1 (continued)

Species ↓	Months→	J	F	M	A	M	J	J	A	S	O	N	D
Rotifera (continued)													
Family : Lecanidae													
<i>Lecane inopinata</i> (Harring & Myers)		0	0	0	2	0	2	0	0	2	0	1	0
<i>L. lateralis</i> Sharma		0	0	1	0	0	0	0	0	0	0	2	0
<i>L. leontina</i> (Turner)		2	2	3	4	0	5	8	12	7	4	6	5
<i>L. luna</i> (Muller)		1	0	0	0	0	4	3	2	0	1	3	0
<i>L. lunaris</i> (Ehrenberg)		1	1	0	0	0	3	0	2	0	3	2	0
<i>Lecane nana</i> (Murray)		0	0	0	1	0	4	0	0	0	2	0	0
<i>L. ohioensis</i> (Herrick)		0	0	0	3	0	0	0	0	0	2	4	6
<i>L. papuana</i> (Murray)		0	0	1	0	0	3	0	0	2	0	2	0
<i>L. pertica</i> (Harring & Myers)		0	2	0	0	2	0	0	0	0	2	0	0
<i>L. ploenensis</i> (Voigt)		0	4	1	0	0	0	0	0	2	3	0	1
<i>L. pyriformis</i> (Daday)		0	1	0	2	0	0	0	0	1	2	0	1
<i>L. quadridentata</i> (Ehrenberg)		2	0	1	0	0	3	0	6	4	0	3	5
<i>L. thienemanni</i> (Hauer)		0	2	0	3	0	4	2	2	0	0	1	0
<i>L. unguitata</i> (Fadeev)		2	1	2	4	2	3	4	3	2	3	6	2
<i>L. ungulata</i> (Gosse)		1	2	1	0	0	6	4	0	6	4	0	5
Family : Notommatidae													
<i>Cephalodella forficula</i> (Ehrb.)		0	2	0	0	2	0	3	2	0	2	0	1
<i>Monommata longiseta</i> (Muller)		0	1	2	4	2	0	2	4	0	2	2	0
Family : Scardiidae													
<i>Scardium longicaudum</i> (Muller)		1	0	2	0	6	5	0	2	0	1	4	2
Family : Trichocercidae													
<i>Trichocerca capucina</i> (Wierzejski & Zacharias)		0	1	0	3	2	3	2	0	2	2	0	0
<i>T. cylindrica</i> (Imhof)		0	2	1	3	0	0	2	2	6	5	0	2
<i>T. elongata</i> (Gosse)		0	0	4	2	0	0	0	2	0	0	2	0
<i>T. longiseta</i> (Schränk)		1	0	1	0	0	3	0	3	2	4	2	6
<i>T. porcellus</i> (Gosse)		0	1	1	0	4	2	3	3	0	2	0	1
<i>T. similis</i> (Wierzejski)		1	3	1	0	0	2	0	0	4	3	1	0
Family : Asplanchnidae													
<i>Asplanchna priodonta</i> Gosse		0	1	7	8	14	23	28	32	24	18	26	13
Family : Synchaetidae													
<i>Polyarthra vulgaris</i> Carlin		6	2	3	11	4	3	14	4	14	6	16	9
Family : Flosculariidae													
<i>Sinatherina socialis</i> Bory de St. Vincent		17	0	9	0	14	18	12	20	0	14	0	10
<i>S. spinosa</i> (Thorpe)		0	0	0	7	6	12	30	0	12	6	12	0
Family : Conochilidae													
<i>Conochilus unicornis</i> Rousselot		0	5	0	0	0	8	12	14	10	16	0	8
Family : Hexarthridae													
<i>Hexarthra mira</i> (Hudson)		0	1	0	0	0	0	0	0	1	0	2	0
Family : Trochosphaeridae													
<i>Filinia camascela</i> Myers		0	4	0	0	0	8	0	0	0	0	8	6
<i>F. longiseta</i> (Ehrenberg)		1	0	1	0	0	0	0	0	4	0	3	0
<i>F. pejleryi</i> (Hutchinson)		0	1	1	0	0	4	2	2	0	3	0	0
<i>F. opoliensis</i> (Zacharias)		0	1	0	2	0	0	3	3	0	0	0	2
<i>Trochosphaera aequatorialis</i> Semper		0	0	0	0	4	6	0	10	0	0	0	0
Family : Testudinellidae													
<i>Testudinella emarginula</i> (Stenroos)		0	1	0	2	0	0	2	0	2	0	0	2
<i>T. greeni</i> Koste		0	0	0	0	0	0	0	0	0	0	3	0
<i>T. patina</i> (Hermann)		3	0	4	3	3	6	14	4	6	0	8	5
<i>T. tridentata</i> Smirnov		0	0	0	3	0	0	0	2	0	0	0	0
Family : Philodinidae													
<i>Rotaria rotatoria</i> (Pallas)		1	0	1	0	0	0	0	0	0	0	0	0
<i>R. neptunia</i> (Ehrenberg)		1	0	0	0	1	0	0	0	1	0	0	0

Appendix II. Monthly zooplankton abundance (ind. L⁻¹) at station 1 (continued)

Species ↓	Months→	J	F	M	A	M	J	J	A	S	O	N	D
Cladocera													
Family: Sididae													
<i>Diaphanosoma excisum</i> Sars		1	1	1	4	3	2	4	8	4	6	3	3
<i>D. senegal</i> Gauthier		1	3	2	3	3	2	3	4	2	3	2	2
<i>Pseudosida bidentata</i> Herrick		0	0	1	0	0	4	0	0	2	3	0	0
<i>Sida crystallina</i> (O.F.Muller)		0	1	0	0	3	4	0	6	0	0	4	0
Family: Daphnidae													
<i>Ceriodaphnia cornuta</i> Sars		0	2	2	0	0	4	4	6	3	2	3	0
<i>C. quadrangula</i> (O.F.Muller)		0	0	1	0	0	0	3	0	2	0	1	0
<i>Scapholeberis kingi</i> Sars		3	1	6	4	2	3	7	4	3	3	5	4
<i>Simocephalus vetulus</i> (O.F.Muller)		1	2	2	3	4	4	5	2	-	4	4	2
<i>S. serrulatus</i> (Koch)		1	2	1	2	2	3	3	2	2	0	3	2
Family : Moinidae													
<i>Moina micrura</i> Kurz		0	3	3	0	0	8	7	8	0	0	6	8
<i>Moinodaphnia macleayi</i> (King)		0	0	0	0	0	0	2	2	0	2	0	0
Family : Bosminidae													
<i>Bosmina longirostris</i> (O.F.Muller)		4	0	8	0	14	19	24	0	0	0	14	17
<i>Bosminopsis deitersi</i> Richard		3	0	0	2	12	16	19	0	0	4	10	12
Family : Macrothricidae													
<i>Macrothrix triserialis</i> (Brady)		1	1	3	4	0	0	3	2	3	2	1	2
<i>M. laticornis</i> (Jurine)		3	3	1	0	0	4	0	3	2	2	4	3
<i>Grimaldina brazzai</i> Richard		0	0	0	0	2	3	0	0	4	0	0	2
Family: Ilyocryptidae													
<i>Ilyocryptus spinifer</i> Herrick		0	1	3	0	0	8	4	0	3	2	2	0
Family: Chydoridae													
<i>Acroperus harpae</i> (Baird)		2	0	1	0	3	8	3	0	4	0	2	2
<i>Alona affinis</i> (Leydig)		3	0	4	0	0	2	0	0	4	0	2	0
<i>A. cheni</i> Sinev		0	4	2	3	2	0	3	0	3	2	0	4
<i>A. guttata</i> Sars		0	0	0	0	0	0	0	0	0	4	5	0
<i>A. intermedia</i> Sars		3	0	3	4	3	0	2	4	3	0	2	4
<i>A. quadrangularis</i> (O.F.Muller)		0	3	3	0	3	3	2	4	0	3	2	3
<i>Alonella excisa</i> (Fischer)		3	0	7	0	0	3	4	0	5	8	0	6
<i>Camptocercus uncinatus</i> Smirnov		1	0	3	0	0	3	2	2	1	2	0	0
<i>C. faviformis</i> Birge		0	0	3	0	0	4	0	0	0	3	0	0
<i>C. ovalis</i> Kurz		1	2	2	0	4	0	0	0	2	0	2	0
<i>C. reticulatus</i> Daday		0	0	2	0	0	0	0	0	4	2	0	0
<i>C. sphaericus</i> (O.F.Muller)		8	3	4	9	7	18	10	8	16	22	12	32
<i>Coronatella rectangula</i> (Sars)		0	1	0	0	0	2	0	2	0	0	0	1
<i>Dadaya macrops</i> (Daday)		0	0	0	0	0	0	0	8	6	0	0	0
<i>Dunhevedia serrata</i> King		0	0	2	0	3	4	0	0	0	0	2	0
<i>Ephemeroporus barroisi</i> (Richard)		7	2	3	7	12	4	6	8	6	5	12	17
<i>Euryalona orientalis</i> (Daday)		1	2	0	0	0	6	2	0	2	0	0	4
<i>Grimaldina testudinaria</i> (Fischer)		3	0	1	0	2	1	0	2	0	2	0	0
<i>Karualona karua</i> (King)		2	3	2	3	4	4	8	10	7	6	9	12
<i>Kurzia longirostris</i> (Daday)		2	0	1	0	3	2	3	4	0	3	2	1
<i>Leydigia acanthocercoides</i> (Fischer)		1	1	0	0	0	4	0	4	0	3	0	0
<i>Leydigiopsis</i> sp.		4	0	0	0	0	0	0	0	0	0	0	0
<i>Notalona globulosa</i> (Daday)		0	4	3	7	4	0	7	12	14	0	8	7
<i>Oxyurella singalensis</i> (Daday)		1	3	1	2	0	0	3	0	3	0	4	0
<i>Picripleuroxus similis</i> Vavra		0	2	0	0	0	4	3	8	10	7	0	4

Appendix II: Monthly zooplankton abundance (ind. L⁻¹) at station 1 (continued)

Species ↓	Months →	J	F	M	A	M	J	J	A	S	O	N	D
Copepoda													
<i>Mesocyclops</i> spp.		8	9	7	32	28	16	52	38	27	22	53	59
<i>Diaptomus</i> sp.		3	0	2	0	0	6	7	16	7	5	12	10
Nauplius larvae		1	0	2	4	3	3	4	8	10	12	7	12
Rhizopoda													
<i>Arcella discoides</i> Ehrenberg		1	4	6	0	0	4	3	2	0	3	13	2
<i>A. dentata</i> Ehrenberg		0	0	0	0	0	0	0	0	0	0	0	0
<i>A. megastoma</i> Ehrenberg		0	0	0	0	0	0	0	0	0	0	0	0
<i>A. vulgaris</i> Ehrenberg		0	0	0	0	0	0	0	0	0	0	0	0
<i>Centropyxis aculeata</i> (Ehrenberg)		2	3	0	4	0	0	0	2	1	3	3	1
<i>C. arcelloides</i> Penard		0	0	0	0	0	0	0	0	0	0	0	0
<i>C. hemispherica</i> (Bernard)		1	4	1	0	3	0	4	4	3	2	1	2
<i>Diffugia lebes</i> Penard		1	0	1	0	0	3	0	4	2	2	1	1
<i>D. oblonga</i> Ehrenberg		0	0	0	0	0	0	0	0	0	0	0	0
<i>D. urceolata</i> Carter		1	0	0	0	0	4	7	2	3	3	2	2
<i>Euglypha ciliata</i> Ehrenberg		0	1	1	6	2	0	4	0	2	0	3	2
Ostracoda													
<i>Cypricercus</i> sp.		2	0	2	6	8	16	9	0	0	4	3	3
<i>Oncocypris</i> sp.		6	0	3	0	4	4	0	6	7	5	8	8
Conchostraca		0	0	1	0	3	4	3	3	4	2	2	6
Rotifera ind.L ⁻¹													
		117	117	118	158	171	216	225	212	212	233	242	196
Cladocera ind.L ⁻¹													
		60	50	81	57	95	156	146	123	120	105	126	154
Copepoda ind.L ⁻¹													
		12	9	11	36	31	25	63	62	44	39	72	81
Rhizopoda ind.L ⁻¹													
		6	12	9	10	5	11	18	14	11	13	23	10
Ostracoda ind.L ⁻¹													
		8	0	5	6	12	20	9	6	7	9	11	11
Conchostraca ind.L ⁻¹													
		0	0	1	0	3	4	3	3	4	2	2	6
ZOOPLANKTON ind.L ⁻¹													
		203	188	225	267	317	432	464	420	398	401	476	458

0 refers to below detection limit, Rotifera (after Sharma & Sharma 2012)

Appendix III. Monthly zooplankton abundance (ind. L⁻¹) at station 2

Species ↓	Months→	J	F	M	A	M	J	J	A	S	O	N	D
Rotifera													
Family : Brachionidae													
<i>Anuraeopsis fissa</i> (Gosse)		2	0	1	0	3	4	0	3	4	0	2	2
<i>Brachionus angularis</i> Gosse		1	0	3	2	0	0	2	3	0	0	6	0
<i>B. bidentatus</i> Anderson		0	2	1	0	0	4	0	0	3	6	0	4
<i>B. calyciflorus</i> (Pallas)		1	1	3	0	0	0	0	6	12	0	4	0
<i>B. caudatus</i> (Barrois & Daday)		2	2	13	3	0	0	4	0	3	0	14	8
<i>B. diversicornis</i> (Daday)		1	1	3	0	0	0	0	2	0	4	3	0
<i>B. falcatus</i> Zacharias		0	5	7	0	17	19	14	0	7	14	0	8
<i>B. forficula</i> Wierzejski		0	1	3	0	0	3	2	2	2	0	3	0
<i>B. mirabilis</i> (Daday)		0	0	0	0	3	2	0	0	0	2	0	1
<i>B. quadridentatus</i> (Hermann)		2	1	2	0	4	0	0	4	2	2	0	3
<i>B. rubens</i> Ehrenberg		0	0	0	2	2	0	0	0	2	0	0	1
<i>Plationus patulus</i> (Muller)		3	4	3	11	9	7	15	3	13	2	11	23
<i>Platyas quadricornis</i> (Ehrenberg)		1	1	2	0	0	3	4	6	4	2	2	4
<i>Keratella cochlearis</i> Gosse		7	2	4	6	4	0	7	8	6	10	7	4
<i>K. lenzi</i> Hauer		1	1	0	4	0	0	0	0	2	3	0	2
<i>K. procurva</i> (Thorpe)		0	0	0	2	3	4	0	0	0	0	2	0
<i>K. quadrata</i> (Muller)		0	1	1	0	0	3	4	0	0	4	2	0
<i>K. tropica</i> (Apstein)		1	0	1	0	0	4	0	2	0	4	3	0
Family : Euchlanidae													
<i>Dipleuchlanis propatula</i> (Gosse)		0	2	1	0	0	4	3	4	2	0	3	2
<i>Euchlanis dilatata</i> Ehrenberg		4	13	9	14	9	7	10	14	8	10	16	22
Family : Mytilinidae													
<i>Mytilina bisulcata</i> (Lucks)		3	0	1	0	0	2	0	0	2	0	3	0
<i>M. ventralis</i> (Ehrenberg)		2	1	4	0	0	3	4	2	4	0	0	6
Family : Trichotriidae													
<i>Macrochaetus sericus</i> (Thorpe)		0	2	1	2	0	0	3	5	4	2	0	3
<i>Trichotria tetractis</i> (Ehrenberg)		1	2	1	0	2	0	3	2	3	0	0	2
Family : Lepadellidae													
<i>Colurella obtusa</i> (Gosse)		1	0	2	0	0	4	0	0	2	3	0	2
<i>C. uncinata</i> (Muller)		2	0	0	3	0	0	2	2	3	0	1	1
<i>Lepadella apsicora</i> (Myers)		0	1	0	0	4	3	1	0	3	0	2	2
<i>L. ehrenbergi</i> (Perty)		1	0	1	0	2	3	0	1	0	2	0	2
<i>L. heterostyla</i> (Murray)		1	0	0	2	0	0	2	0	1	4	0	3
<i>L. ovalis</i> (Muller)		1	1	1	0	3	0	0	4	0	3	4	2
<i>L. patella</i> (Muller)		1	0	2	0	0	3	0	2	2	0	3	0
<i>L. rhomboides</i> (Gosse)		0	0	1	4	3	0	0	0	2	1	0	0
Family : Lecanidae													
<i>Lecane aculeata</i> (Jakubski)		0	0	2	3	3	0	0	0	1	2	0	0
<i>L. bulla</i> (Gosse)		6	1	1	4	4	5	6	10	8	16	23	12
<i>L. crepida</i> (Harring)		0	0	1	0	1	3	2	0	0	2	0	0
<i>L. closterocerca</i> (Schmarda)		1	1	1	3	2	0	2	2	3	3	0	2
<i>L. curvicornis</i> (Murray)		2	0	8	2	4	4	3	2	8	6	4	3
<i>L. hamata</i> (Stokes)		1	2	1	0	0	0	0	0	2	0	0	0
<i>L. hornemanni</i> (Ehrenberg)		3	0	1	0	0	2	0	0	4	3	2	1
<i>L. inopinata</i> (Harring & Myers)		0	0	0	2	0	1	0	0	2	1	1	0
<i>L. leontina</i> (Turner)		2	2	3	4	0	5	8	12	7	4	6	5
<i>L. ludwigii</i> (Eckstein)		0	0	1	3	2	0	2	2	4	3	0	2
<i>L. luna</i> (Muller)		1	0	0	0	0	2	3	2	0	1	3	0

Appendix III. Monthly zooplankton abundance (ind. L⁻¹) at station 2 (continued)

Species ↓	Months →	J	F	M	A	M	J	J	A	S	O	N	D
Rotifera (continued)													
Family : Lecanidae													
<i>L. lunaris</i> (Ehrenberg)		1	1	0	0	0	3	0	2	0	3	2	0
<i>Lecane nana</i> (Murray)		0	3	0	1	2	4	0	2	0	2	0	0
<i>L. ohioensis</i> (Herrick)		0	0	0	3	0	0	0	0	0	2	4	6
<i>L. papuana</i> (Murray)		0	0	1	0	0	3	0	0	2	0	2	0
<i>L. pertica</i> (Harring & Myers)		0	2	0	0	2	0	0	0	0	2	0	0
<i>L. ploenensis</i> (Voigt)		0	4	1	0	0	0	0	0	2	3	0	1
<i>L. pyriformis</i> (Daday)		0	1	0	2	1	0	0	0	1	2	0	1
<i>L. quadridentata</i> (Ehrenberg)		2	0	1	0	0	3	0	6	4	0	3	5
<i>L. thienemanni</i> (Hauer)		0	2	0	3	0	4	2	2	0	0	1	0
<i>L. unguitata</i> (Fadeev)		2	1	2	4	2	3	4	3	2	3	6	2
<i>L. ungulata</i> (Gosse)		1	2	1	0	0	6	4	0	6	4	0	5
Family : Notommatidae													
<i>Cephalodella forficula</i> (Ehrb.)		1	2	1	0	2	0	3	2	2	2	0	1
<i>Monomnata longiseta</i> (Muller)		0	1	2	4	2	0	2	4	0	2	2	0
Family : Scaridiidae													
<i>Scaridium longicaudum</i> (Muller)		1	0	2	0	6	5	0	2	0	1	4	2
Family : Trichocercidae													
<i>Trichocerca capucina</i>		0	1	0	3	2	3	2	0	2	2	0	0
<i>T. cylindrica</i> (Imhof)		1	2	1	3	0	0	2	2	6	5	0	2
<i>T. elongata</i> (Gosse)		0	0	4	2	0	0	0	2	0	0	2	0
<i>T. longiseta</i> (Schrank)		1	0	1	0	0	3	0	3	2	4	2	6
<i>T. porcellus</i> (Gosse)		0	1	1	0	4	2	3	3	0	2	0	1
<i>T. similis</i> (Wierzejski)		1	3	1	0	0	2	0	0	4	3	1	0
Family : Asplanchnidae													
<i>Asplanchna priodonta</i> Gosse		0	1	7	8	14	23	28	32	24	18	26	13
Family : Synchaetidae													
<i>Polyarthra vulgaris</i> Carlin		6	2	3	11	4	3	14	4	14	6	16	9
Family : Dicranophoridae													
<i>Dicranophorus forcipatus</i> (Muller)		1	0	1	3	0	0	0	2	2	0	3	2
Family : Flosculariidae													
<i>Sinatherina socialis</i> Bory de St. Vincent		17	0	9	0	14	18	12	20	0	14	0	10
<i>S. spinosa</i> (Thorpe)		0	0	0	7	6	12	30	0	12	6	12	0
Family : Conochilidae													
<i>Conochilus unicornis</i> Rousselet		0	5	0	0	0	8	12	14	10	16	0	8
Family : Hexarthridae													
<i>Hexarthra mira</i> (Hudson)		0	1	0	0	0	0	0	0	1	0	2	0
Family : Trochosphaeridae													
<i>Filinia camascela</i> Myers		0	3	0	0	0	8	0	0	0	0	8	6
<i>F. longiseta</i> (Ehrenberg)		1	0	1	0	0	0	0	0	4	0	3	0
<i>F. pejeri</i> (Hutchinson)		1	1	1	0	0	3	2	2	0	2	0	0
<i>F. opoliensis</i> (Zacharias)		0	2	1	2	0	0	3	3	0	1	0	4
<i>Trochosphaera aequatorialis</i> Semper		0	1	0	2	0	0	2	0	1	0	0	2
Family : Testudinellidae													
<i>Testudinella emarginula</i> (Stenroos)		0	0	0	0	4	6	0	10	0	0	0	0
<i>T. greeni</i> Koste		0	0	0	0	0	0	0	0	0	0	3	0
<i>T. patina</i> (Hermann)		2	0	3	3	3	6	14	4	7	0	8	3
<i>T. tridentata</i> Smirnov		0	0	0	3	0	0	0	2	0	0	0	0
Family : Philodinidae													
<i>Rotaria neptunia</i> (Ehrenberg)		0	0	0	0	0	0	0	3	2	0	4	2

Appendix III. Monthly zooplankton abundance (ind. L⁻¹) at station 2 (continued)

Species ↓	Months→	J	F	M	A	M	J	J	A	S	O	N	D
Cladocera		0	0	0	0	0	0	0	0	0	0	0	0
Family: Sididae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Diaphanosoma excisum</i> Sars		2	1	2	4	2	2	4	5	4	6	3	3
<i>D senegal</i> Gauthier		1	3	2	2	0	0	0	2	0	0	0	2
<i>Pseudosida bidentata</i> Herrick		0	0	0	0	0	4	0	0	0	2	0	0
<i>Sida crystallina</i> (O.F.Muller)		0	0	0	0	0	1	0	0	0	0	0	0
Family: Daphnidae													
<i>Ceriodaphnia cornuta</i> Sars		2	3	4	3	4	4	4	8	4	2	4	0
<i>C. quadrangula</i> (O.F.Muller)		0	0	1	0	0	0	0	0	0	0	1	0
<i>Scapholeberis kingi</i> Sars		2	1	4	2	2	3	4	4	3	3	4	4
<i>Simocephalus vetulus</i> (O.F.Muller)		1	2	2	1	4	4	2	2	0	4	4	2
<i>S. serrulatus</i> (Koch)		1	0	1	0	0	0	0	0	2	0	3	0
Family : Moinidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Moina micrura</i> Kurz		1	3	3	2	2	8	8	10	4	0	6	8
<i>Moinodaphnia macleayi</i> (King)		0	0	0	0	2	1	2	2	2	2	0	2
Family : Bosminidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Bosmina longirostris</i> (O.F.Muller)		6	8	10	12	20	20	24	8	4	6	10	5
<i>Bosminopsis deitersi</i> Richard		2	1	0	6	8	10	7	2	1	3	7	6
F : Macrothricidae		0	0	0	0	0	0	0	0	0	0	0	0
<i>Macrothrix triserialis</i> (Brady)		1	0	0	0	0	4	1	0	2	2	4	3
<i>M. laticornis</i> (Jurine)		1	1	3	2	0	0	3	2	3	2	1	2
<i>Grimaldina brazzai</i> Richard		0	0	0	0	2	3	0	0	4	0	0	2
Family: Ilyocryptidae													
<i>Ilyocryptus spinifer</i> Herrick		0	1	0	0	0	0	4	0	3	2	2	0
Family: Chydoridae													
<i>Acroperus harpae</i> (Baird)		2	0	1	0	3	0	2	0	4	0	2	2
<i>Alona affinis</i> (Leydig)		2	1	0	0	0	2	0	0	4	0	2	0
<i>A. cheni</i> Sinev		0	4	2	3	3	0	3	1	3	2	0	4
<i>A. guttata</i> Sars		0	0	0	0	0	1	0	0	0	1	1	0
<i>A. intermedia</i> Sars		3	0	1	4	4	0	2	0	3	0	2	0
<i>A. quadrangularis</i> (O.F.Muller)		0	2	0	0	2	1	2	2	0	0	0	0
<i>Alonella excisa</i> (Fischer)		3	0	3	0	0	2	4	1	2	6	0	6
<i>Camptocercus uncinatus</i> Smirnov		1	0	1	0	0	3	2	2	1	2	0	0
<i>Chydorus sphaericus</i> (O.F.Muller)		6	3	4	12	10	20	10	10	6	12	10	12
<i>C. faviformis</i> Birge		0	0	3	0	0	2	0	0	0	3	0	0
<i>C. parvus</i> Daday		0	0	2	0	1	2	1	0	0	0	0	0
<i>C. reticulatus</i> Daday		0	0	0	0	0	0	0	0	2	2	0	0
<i>Coronatella rectangula</i> (Sars)		0	1	0	0	0	0	0	2	0	0	0	1
<i>Dadaya macrops</i> (Daday)		0	0	0	0	0	1	0	4	4	0	0	0
<i>Dunhevedia serrata</i> King		0	0	2	1	2	2	1	0	0	0	3	0
<i>Ephemeroporus barroisi</i> (Richard)		6	2	3	8	12	4	6	4	6	5	10	6
<i>Euryalona orientalis</i> (Daday)		1	2	0	0	0	2	2	0	0	0	0	2
<i>Grimaldina testudinaria</i> (Fischer)		2	0	1	0	2	1	0	0	0	2	0	0
<i>Karualona karua</i> (King)		2	1	2	4	4	4	6	6	4	6	10	12
<i>Kurzia longirostris</i> (Daday)		2	0	1	0	4	4	3	4	0	2	2	1
<i>Leydigia acanthocercoides</i> (Fischer)		0	0	0	0	0	0	1	0	0	1	0	0
<i>Leydigopsis</i> sp.		1	0	0	0	0	0	0	0	0	0	0	0
<i>Notalona globulosa</i> (Daday)		0	2	2	6	4	0	6	8	6	0	4	6
<i>Oxyurella singalensis</i> (Daday)		1	1	0	2	0	0	3	1	3	0	4	0
<i>Picripleuroxus similis</i> Vavra		0	2	0	0	0	2	3	0	2	4	0	4

Appendix III. Monthly zooplankton abundance (ind. L⁻¹) at station 2 (continued)

Species ↓	Months→	J	F	M	A	M	J	J	A	S	O	N	D
Copepoda													
<i>Mesocyclops</i> spp.		8	9	10	20	31	60	52	29	39	20	53	61
<i>Diaptomus</i> sp.		2	0	2	0	0	6	7	6	7	4	12	12
Nauplius larvae		1	0	3	4	8	10	4	8	12	8	15	20
Rhizopoda													
<i>Arcella discoides</i> Ehrenberg		3	2	3	0	2	2	4	8	10	6	8	10
<i>B. dentata</i> Ehrenberg		0	0	0	0	0	0	0	0	0	0	0	0
<i>B. megastoma</i> Ehrenberg		0	0	0	0	0	0	0	0	0	0	0	0
<i>A. vulgaris</i> Ehrenberg		0	0	0	0	0	0	2	2	0	0	0	0
<i>Centropyxis aculeata</i> (Ehrenberg)		2	2	0	3	0	0	2	2	4	3	3	4
<i>C. arcelloides</i> Penard		0	0	0	0	0	0	0	0	0	0	0	0
<i>C. hemispherica</i> (Bernard)		1	2	1	0	3	0	2	4	6	3	2	6
<i>Diffugia lebes</i> Penard		1	0	1	0	0	0	0	0	4	3	2	3
<i>D. oblonga</i> Ehrenberg		0	0	0	0	0	0	0	0	0	0	0	0
<i>D. urceolata</i> Carter		1	0	0	0	0	2	0	3	4	3	2	4
<i>Euglypha ciliata</i> Ehrenberg		0	1	1	2	2	0	0	3	3	2	4	4
<i>Actinosphaerium eichhorni</i> Ehrenberg		1	0	2	3	3	2	3	4	5	4	4	4
Ostracoda													
<i>Cypricercus</i> sp.		2	1	4	3	4	3	7	5	6	4	5	2
<i>Cypris</i> sp.		4	0	0	0	0	0	2	2	1	4	2	1
Conchostraca		0	0	1	0	0	3	4	2	3	2	1	4
Rotifera ind.L⁻¹													
Cladocera ind.L⁻¹		94	92	135	140	152	232	245	234	245	224	244	223
Copepoda ind.L⁻¹		52	45	60	74	97	117	120	90	86	82	99	95
Rhizopoda ind.L⁻¹		11	9	15	24	39	76	63	43	58	32	80	93
Ostracoda ind.L⁻¹		9	7	8	8	10	6	13	26	36	24	25	35
Conchostraca ind.L⁻¹		6	1	4	3	4	2	9	3	4	8	7	3
ZOOPLANKTON ind.L⁻¹		0	0	1	0	0	3	4	2	3	2	1	4
ZOOPLANKTON ind.L⁻¹		172	154	223	249	302	436	454	398	432	372	456	453

0 refers to below detection limit, Rotifera (after Sharma & Sharma 2012)

Appendix IV: Variance explained in the Canonical Correspondence Analysis (CCA) by the first two axes

Sampling Stations ↓	Canonical Axis →		Axis 1	Axis 2
Station 1				
Total variance in species data =		0.032469		
Sum of canonical Eigen values =		0.027169		
Sum of non-canonical Eigen values =		0.0053		
Canonical Eigen value =			0.0128441	0.00534
% variance explained =			39.5582	16.4466
Cumulative % variance =			39.5582	56.0048
Station 2				
Total variance in species data =		0.029389		
Sum of canonical Eigen values =		0.024149		
Sum of non-canonical Eigen values =		0.00524		
Canonical Eigen value =			0.0111394	0.0052678
% variance explained =			37.9039	17.9248
Cumulative % variance =			37.9039	55.8287