

Supplementary Tab. 1. Samples from Vientiane province and municipality, Laos.

Name	Locality code	Sample number	Habitat type	Date
Dry season 2010				
Viengkham district				
Nong Youp	VTP01	1	Pond	08/12/2010
Nong Somthor	VTP02	2	Swamp	21/11/2010
NongKhouy village 1	VTP03	3	Pond	09/12/2010
NongKhouy village 2	VTP04	4	Pond	09/12/2010
NongKhouy	VTP05	5	Lake 1	18/11/2010
NongKhouy	VTP06	6	Lake 2	18/11/2010
Thaphoxay	VTP07	7	Swamp 1	08/12/2010
Thaphoxay	VTP08	8	Swamp 2	8/12/2010
Nong Orr	VTP09	9	Lake	20/11/2010
Phonekang (North)	VTP10	10	Pond	21/11/2010
Phonekang (South)	VTP11	11	Pond	21/11/2010
Nam Ngum1 (Donekeud)	VTP12	12	River	22/11/2010
Num Ngum2 (Parchenng)	VTP13	13	River	22/11/2010
Nong Nork	VTP14	14	Pond	21/11/2010
Nong Ngoohao	VTP15	15	Swamp	19/11/2010
Houyphai	VTP16	16	Roadside ditch	08/12/2010
Chenglong	VTP17	17	Pond	20/11/2010
Nong Paxouy	VTP18	18	Swamp	20/11/2010
Nong Taenmar	VTP19	19	Swamp	19/11/2010
Nong Taleo	VTP20	20	Lake	19/11/2010
Nong Someseng	VTP21	21	Swamp	21/11/2010
Nong Thongpane	VTP22	22	Pond	19/11/2010
Nong Khoo	VTP23	23	Pond	20/11/2010
Nong Jork	VTP24	24	Pond	21/11/2010
Nong Samkha	VTP25	25	Swamp	19/11/2010
Nam Cheng dam	VTP26	26	Dam	22/11/2010
Padook	VTP27	27	Pond	19/11/2010
Phonehong district				
Hongthar	VTP37	28	Roadside	22/11/2010
Rice field (Phonehong)	VTP38	29	Rice field	10/12/2010
North Napho	VTP39	30	Rice field	09/12/2010
South Napho	VTP40	31	Rice field	09/12/2010
Phonexay bridge	VTP41	32	Pond	10/12/2010
South Napho	VTP42	33	Pond	09/12/2010
South Napho	VTP43	34	River	09/12/2010
Nam Cheng (Nam Cheng village)	VTP44	35	River	10/12/2010
Hongkang (North Napho)	VTP45	36	Pond	19/11/2010
Hongkang (Soth Napho)	VTP46	37	Pond	19/11/2010
Keo Oudome district				
Num Ngum dam 1	VTP47	38	Dam	22/11/2010
Num Ngum dam 2	VTP48	39	Dam	22/11/2010
Rainy season 2011				
Viengkham district				
Nong Youp	VTP01	40	Pond	24/7/2011
Nong Somthor	VTP02	41	Swamp	25/7/2011
NongKhouy village 1	VTP03	42	Pond	23/7/2011
NongKhouy village 2	VTP04	43	Pond	23/7/2011
NongKhouy 1	VTP05	44	Lake	22/6/2011
NongKhouy 2	VTP06	45	Lake	22/6/2011
Nong Orr	VTP09	46	Lake	26/7/2011
Nam Ngum 1 (Donekeud)	VTP12	47	River	26/7/2011
Num Ngum 2 (Parchenng)	VTP13	48	River	24/7/2011
Nong Ngoohao	VTP15	49	Swamp	24/6/2011
Houyphai	VTP16	50	Roadside ditch	24/7/2011
Nong Paxouy	VTP18	51	Swamp	24/6/2011
Nong Taenmar	VTP19	52	Swamp	24/6/2011

Nong Taleo	VTP20	53	Lake	23/6/2011
Nong Someseng	VTP21	54	Sawmp	25/7/2011
Nong Thongpane	VTP22	55	Pond	23/6/2011
Nong Khoo	VTP23	56	Pond	25/6/2011
Nong Samkha	VTP25	57	Swamp	23/6/2011
Nam Cheng dam	VTP26	58	Dam	26/7/2011
Padook	VTP27	59	Pond	24/6/2011
Nong Paxeum	VTP28	60	Swamp	27/7/2011
Nong Paxil	VTP29	61	Swamp	27/7/2011
Bouk Naleaum	VTP30	62	Swamp	27/7/2011
Bouk Pakhoryai	VTP31	63	Swamp	27/7/2011
Nong Phakbong	VTP32	64	Swamp	24/6/2011
Bouk Bukheun	VTP33	65	Swamp	27/7/2011
Nong Van	VTP34	66	Swamp	27/7/2011
Nong Pakeng	VTP35	67	Swamp	27/7/2011
Bouk Phonekang	VTP36	68	Swamp	23/6/2011
Phonehong district				
Rice field (Phonehong)	VTP37	69	Rice field	10/12/2010
Rice field (North Napho)	VTP38	70	Rice field	09/12/2010
Phonexay bridge	VTP41	71	Pond	10/12/2010
South Napho	VTP43	72	River	09/12/2010
Nam Cheng (Napho)	VTP44	73	River	09/12/2010
Nam Cheng (Nam Cheng village)	VTP46	74	River	10/12/2010
Hongkang (North Napho)	VTP47	75	Pond	19/11/2010
Hongkang (Soth Napho)	VTP48	76	Pond	19/11/2010
Samples of 1999				
Vientiane municipality				
Ban Phang Hang	VM1.1	77	Fish pond	15/08/1999
Ban Phang Hang	VM1.2	78	Rice field	15/08/1999
Ban Nakha	VM2	79	Fish pond	15/08/1999
Phon Hong district, Vientiane province				
Ban Sansa-art	VP3.1	80	Fish pond	15/08/1999
Ban Sansa-art	VP3.2	81	Rice field	15/08/1999
Nam Ngum	VP4	82	Lake (18°31'45"N; 102°32'51"E)	15/08/1999
Ban Hin Khum Mark	VP5	83	Concrete pond (18°51'58"N; 102°10'37"E)	15/08/1999
Kasi district, Vientiane province				
Ban Phon Sida	VP6	84	Rice field	16/08/1999
Ban Pha Hom	VP7	85	Fish pond	16/08/1999
Samples of 2004				
Vientiane municipality				
Nong Suem	LV01	86	Artificial pond	21/06/2004
Nong Suem	LV02	87	Swamp 1	21/06/2004
Nong Suem	LV03	88	Lotus pond	21/06/2004
Nong Suem	LV04	89	Swamp 2	21/06/2004
Nong Suem	LV05	90	Rice field	21/06/2004
Ban Hui Sawn	LV06	91	Rice field (18°05'01"N; 102°30'60"E)	21/06/2004
Ban Hua Chang	LV07	92	Rice field	21/06/2004
Ban Nonsa-art	LV08	93	Rice field (18°05'18"N; 102°31'07"E)	21/06/2004

Ban Hua Chang	LV09	94	Roadside canal	21/06/2004
Hui Sawn	LV10	95	Swamp 1	21/06/2004
Hui Sawn	LV11	96	Swamp 2	21/06/2004
Tad Sawn Sawn	LV12	97	Pond under waterfall	21/06/2004

N, North; E, East.

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Supplementary Tab. 2. Taxonomical account of taxa during dry season 2010.

Family	Taxon	Dry season 2010																																																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39													
		V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V			
		TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP		
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48				
1	Chydoridae <i>Acroperus harpae</i> (Baird, 1834)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2	Chydoridae <i>Alona</i> cf. <i>affinis</i> Leydig, 1860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Chydoridae <i>Alona cambouei</i> Guerne & Richard, 1893	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4	Chydoridae <i>Alona</i> cf. <i>costata</i> Sars, 1862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Chydoridae <i>Alona</i> cf. <i>guttata</i> Sars, 1862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	Chydoridae <i>Alona kotovi</i> Sinev, 2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Chydoridae <i>Alona sarasinorum</i> Stingelin, 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	Chydoridae <i>Alona siamensis</i> Sinev & Sanoamuan g, 2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Chydoridae <i>Alonella excisa</i> (Fischer, 1854)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	Chydoridae <i>Antalona harti</i> Van Damme, Sinev & Dumont, 2011	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	1	0	0	1	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

37	Chydoridae	<i>Ephemeropus barroisi</i> (Richard, 1894)	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1					
38	Chydoridae	<i>Euryalona orientalis</i> (Daday, 1898)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
39	Macrothricidae	<i>Grimaldina brazzai</i> Richard, 1892	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0			
40	Ilyocryptidae	<i>Ilyocryptus spinifer</i> Herrick, 1882	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	1	0	0	0	0	0		
41	Ilyocryptidae	<i>Ilyocryptus thailandensis</i> Kotov & Sanoamuan g, 2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
42	Chydoridae	<i>Karualona cf. iberica</i> (Alonso & Pretus, 1989)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
43	Chydoridae	<i>Karualona cf. karua</i> (King, 1853)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
44	Chydoridae	<i>Karualona cf. kwangsiensis</i> Jiang, 1963	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Chydoridae	<i>Karualona sp. 2</i> (sp. nov.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
46	Chydoridae	<i>Kurzia brevilabris</i> Rajapaksa & Fernando, 1986	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	Chydoridae	<i>Kurzia longirostris</i> (Daday, 1898)	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	Sididae	<i>Latonopsis australis</i> Sars, 1888	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Supplementary Tab. 3. Taxonomical account of taxa during rainy season 2011.

			Rainy season 2011																																					
Family	Taxon																																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37		
		V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
		TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP		
		01	02	03	04	05	06	09	12	13	15	16	18	19	20	21	22	23	25	26	27	28	29	30	31	32	33	34	35	36	37	38	41	43	44	46	47	48		
1	Chydoridae <i>Acroperus harpae</i> (Baird, 1834)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2	Chydoridae <i>Alona</i> cf. <i>affinis</i> Leydig, 1860	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
3	Chydoridae <i>Alona cambouei</i> Guerne & Richard, 1893	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0		
4	Chydoridae <i>Alona</i> cf. <i>costata</i> Sars, 1862	0	1	0	0	1	1	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
5	Chydoridae <i>Alona</i> cf. <i>guttata</i> Sars, 1862	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	Chydoridae <i>Alona kotovi</i> Sinev, 2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Chydoridae <i>Alona sarasinorum</i> Stingelin, 1900	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
8	Chydoridae <i>Alona siamensis</i> Sinev & Sanoamuang, 2007	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Chydoridae <i>Alonella excisa</i> (Fischer, 1854)	0	1	1	1	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0		
10	Chydoridae <i>Antalona harti</i> Van Damme, Sinev & Dumont, 2011	1	1	0	0	1	1	1	0	0	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	
11	Chydoridae <i>Antalona sanoamuanga</i> e Sinev & Kotov, 2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

12	Bosminidae	<i>Bosmina meridionalis</i> Sars, 1904	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
13	Bosminidae	<i>Bosminopsis deitersi</i> Richard, 1895	1	1	0	0	0	0	1	1	1	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	
14	Chydoridae	<i>Camptocercus vietnamensis</i> Thang, 1980	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
15	Chydoridae	<i>Celsinotum macronyx</i> (Daday, 1898)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0		
16	Daphniidae	<i>Ceriodaphnia cornuta</i> Sars, 1888	0	1	1	1	0	1	1	1	1	0	0	1	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1	1	1		
17	Daphniidae	<i>Ceriodaphnia</i> cf. <i>laticaudata</i> P. E. Müller, 1867	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
18	Daphniidae	<i>Ceriodaphnia reticulata</i> (Jurine, 1820)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
19	Chydoridae	<i>Chydorus eurynotus</i> Sars, 1901	0	1	1	1	0	1	0	0	1	1	1	1	1	1	0	1	0	1	1	1	1	1	0	0	0	0	1	0	1	1	1	0	1	1	1	
20	Chydoridae	<i>Chydorus obscurirostris tasekberae</i> Frey, 1987	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
21	Chydoridae	<i>Chydorus parvus</i> Daday, 1898	0	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
22	Chydoridae	<i>Chydorus</i> cf. <i>pubescens</i> Sars, 1901	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	Chydoridae	<i>Chydorus reticulatus</i> Daday, 1898	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	1	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	
24	Chydoridae	<i>Chydorus ventricosus</i> Daday, 1898	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0
25	Chydoridae	<i>Coronatella</i> cf. <i>monacantha</i> (Sars, 1901)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
26	Chydoridae	<i>Coronatella</i> cf. <i>rectangula</i> Sars, 1862	0	1	0	0	1	0	0	1	0	1	0	0	1	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0
27	Chydoridae	<i>Coronatella</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

28	Chydoridae	<i>Dadaya macrops</i> (Daday, 1898)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0														
29	Sididae	<i>Diaphanosoma dubium</i> Manuilova, 1946	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0														
30	Sididae	<i>Diaphanosoma excisum</i> Sars, 1885	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1														
31	Sididae	<i>Diaphanosoma sarsi</i> Richard, 1895	0	1	0	0	0	0	0	1	0	1	0	1	1	1	1	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0													
32	Sididae	<i>Diaphanosoma</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
33	Daphniidae	<i>Daphnia lumholzi</i> Sars, 1885	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
34	Chydoridae	<i>Disparalona hamata</i> (Birge, 1879)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
35	Chydoridae	<i>Dunhevedia crassa</i> King, 1853	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0												
36	Chydoridae	<i>Dunhevedia serrata</i> Daday, 1898	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
37	Chydoridae	<i>Ephemeropus barroisi</i> (Richard, 1894)	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1													
38	Chydoridae	<i>Euryalona orientalis</i> (Daday, 1898)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0											
39	Macrothricidae	<i>Grimaldina brazzai</i> Richard, 1892	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
40	Ilyocryptidae	<i>Ilyocryptus spinifer</i> Herrick, 1882	1	0	0	0	1	1	0	1	1	1	1	1	0	1	1	1	0	0	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	0	1	0	1	0	0												
41	Ilyocryptidae	<i>Ilyocryptus thailandensis</i> Kotov & Sanoamuang, 2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0						
42	Chydoridae	<i>Karualona</i> cf. <i>iberica</i> (Alonso & Pretus, 1989)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
43	Chydoridae	<i>Karualona</i> cf. <i>karua</i> (King, 1853)	1	1	0	0	1	0	0	1	0	1	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0	1	0	0

44	Chydoridae	<i>Karualona cf. kwangsiensis</i> Jiang, 1963	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0						
45	Chydoridae	<i>Karualona</i> sp. 2 (sp. nov.)	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
46	Chydoridae	<i>Kurzia brevilabris</i> Rajapaksa & Fernando, 1986	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0						
47	Chydoridae	<i>Kurzia longirostris</i> (Daday, 1898)	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0							
48	Sididae	<i>Latonopsis australis</i> Sars, 1888	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0							
49	Chydoridae	<i>Leberis diaphanus</i> (King, 1853)	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0							
50	Chydoridae	<i>Leberis</i> sp.	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	1	1	1	0	1	0	0	0							
51	Chydoridae	<i>Leydigia ciliata</i> Gauthier, 1939	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0					
52	Chydoridae	<i>Leydigopsis</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1					
53	Macrothricidae	<i>Macrothrix odiosa</i> Gurney, 1916	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0		
54	Macrothricidae	<i>Macrothrix vietnamensis</i> Silva-Briano, Dieu & Dumont, 1999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0		
55	Macrothricidae	<i>Macrothrix spinosa</i> King, 1852	0	1	0	0	0	1	0	1	0	1	1	1	0	0	1	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1				
56	Macrothricidae	<i>Macrothrix triserialis</i> Brady, 1886	1	1	0	0	1	1	0	1	0	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	0	0	0	0	1	0	0	0	0	0					
57	Chydoridae	<i>Matralona freyi</i> Idris & Fernando, 1980	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		
58	Moinidae	<i>Moina micrura</i> Kurz, 1874	0	1	0	1	0	1	1	1	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
59	Moinidae	<i>Moina brachiata</i> (Jurine, 1820)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

60	Moinidae	<i>Moinodaphnia macleyi</i> (King, 1853)	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	1	0	0				
61	Chydoridae	<i>Nicsmirnovius eximius</i> (Kiser, 1948)	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0				
62	Chydoridae	<i>Notoalona globulosa globulosa</i> (Daday, 1898)	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0			
63	Chydoridae	<i>Oxyurella singalensis</i> (Daday, 1898)	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0		
64	Chydoridae	<i>Picripleuroxus denticulatus</i> (Birge, 1879)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
65	Chydoridae	<i>Picripleuroxus laevis</i> Sars, 1862	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
66	Sididae	<i>Pseudosida szalayi</i> (Daday, 1898)	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0		
67	Daphniidae	<i>Scapholeberis kingi</i> Sars, 1903	1	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	1	1	0	
68	Daphniidae	<i>Simocephalus congener</i> (Koch, 1841)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
69	Daphniidae	<i>Simocephalus heilonjangensis</i> Shi & Shi, 1994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
70	Daphniidae	<i>Simocephalus serrulatus</i> (Koch, 1841)	0	1	0	1	0	1	0	0	1	1	0	0	0	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0

Supplementary Tab. 4. Taxonomical account of taxa from 1999 to 2004.

			Samples from 1999 to 2004																				
Family	Taxon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
		VM1.1	VM1.2	VM2	VP3.1	VP3.2	VP4	VP5	VP6	VP7	LV01	LV02	LV03	LV04	LV05	LV06	LV07	LV08	LV09	LV10	LV11	LV12	
1	Chydoridae <i>Acroperus harpae</i> (Baird, 1834)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Chydoridae <i>Alona cf. affinis</i> Leydig, 1860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Chydoridae <i>Alona cambouei</i> Guerne & Richard, 1893	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	Chydoridae <i>Alona cf. costata</i> Sars, 1862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Chydoridae <i>Alona cf. guttata</i> Sars, 1862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	Chydoridae <i>Alona kotovi</i> Sinev, 2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Chydoridae <i>Alona sarasinorum</i> Stingelin, 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	Chydoridae <i>Alona siamensis</i> Sinev & Sanoamuang, 2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Chydoridae <i>Alonella excisa</i> (Fischer, 1854)	1	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	
10	Chydoridae <i>Antalona harti</i> Van Damme, Sinev & Dumont, 2011	1	1	0	1	0	0	0	0	0	0	0	1	1	1	0	0	1	0	1	0	1	
11	Chydoridae <i>Antalona sanoamuangae</i> Sinev & Kotov, 2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	Bosminidae <i>Bosmina meridionalis</i> Sars, 1904	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	
13	Bosminidae <i>Bosminopsis deitersi</i> Richard, 1895	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	
14	Chydoridae <i>Camptocercus vietnamensis</i> Thang, 1980	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	Chydoridae <i>Celsinotum macronyx</i> (Daday, 1898)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	Daphniidae <i>Ceriodaphnia cornuta</i> Sars, 1888	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	1	0	1	0	
17	Daphniidae <i>Ceriodaphnia cf. laticaudata</i> P. E. Müller, 1867	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	Daphniidae <i>Ceriodaphnia reticulata</i> (Jurine, 1820)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	Chydoridae <i>Chydorus eurynotus</i> Sars, 1901	1	1	1	1	0	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	1	
20	Chydoridae <i>Chydorus obscurirostris tasekberae</i> Frey, 1987	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	Chydoridae <i>Chydorus parvus</i> Daday, 1898	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

22	Chydoridae	<i>Chydorus cf. pubescens</i> Sars, 1901	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Chydoridae	<i>Chydorus reticulatus</i> Daday, 1898	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Chydoridae	<i>Chydorus ventricosus</i> Daday, 1898	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
25	Chydoridae	<i>Coronatella cf.</i> <i>monacantha</i> (Sars, 1901)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Chydoridae	<i>Coronatella cf.</i> <i>rectangula</i> Sars, 1862	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0
27	Chydoridae	<i>Coronatella sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
28	Chydoridae	<i>Dadaya macrops</i> (Daday, 1898)	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
29	Sididae	<i>Diaphanosoma dubium</i> Manuilova, 1946	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Sididae	<i>Diaphanosoma excisum</i> Sars, 1885	1	1	1	0	0	0	0	0	1	1	1	0	1	0	0	0	1	1	0	0
31	Sididae	<i>Diaphanosoma sarsi</i> Richard, 1895	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Sididae	<i>Diaphanosoma sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Daphniidae	<i>Daphnia lumholzi</i> Sars, 1885	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
34	Chydoridae	<i>Disparalona hamata</i> (Birge, 1879)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
35	Chydoridae	<i>Dunhevedia crassa</i> King, 1853	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
36	Chydoridae	<i>Dunhevedia serrata</i> Daday, 1898	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Chydoridae	<i>Ephemeroporus barroisi</i> (Richard, 1894)	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	1
38	Chydoridae	<i>Euryalona orientalis</i> (Daday, 1898)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
39	Macrothricid ae	<i>Grimaldina brazzai</i> Richard, 1892	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Ilyocryptidae	<i>Ilyocryptus spinifer</i> Herrick, 1882	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1
41	Ilyocryptidae	<i>Ilyocryptus thailandensis</i> Kotov & Sanoamuang, 2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Chydoridae	<i>Karualona cf. iberica</i> (Alonso & Pretus, 1989)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Chydoridae	<i>Karualona cf. karua</i> (King, 1853)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0
44	Chydoridae	<i>Karualona cf.</i> <i>kwangsiensis</i> Jiang, 1963	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Chydoridae	<i>Karualona sp. 2</i> (sp. nov.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	Chydoridae	<i>Kurzia brevilabris</i> Rajapaksa & Fernando, 1986	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

47	Chydoridae	<i>Kurzia longirostris</i> (Daday, 1898)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	Sididae	<i>Latonopsis australis</i> Sars, 1888	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	Chydoridae	<i>Leberis diaphanus</i> (King, 1853)	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
50	Chydoridae	<i>Leberis</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Chydoridae	<i>Leydigia ciliata</i> Gauthier, 1939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	Chydoridae	<i>Leydigiopsis</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	Macrothricid ae	<i>Macrothrix odiosa</i> Gurney, 1916	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
54	Macrothricid ae	<i>Macrothrix vietnamensis</i> Silva-Briano, Dieu & Dumont, 1999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Macrothricid ae	<i>Macrothrix spinosa</i> King, 1852	1	1	0	1	0	0	0	0	0	1	0	0	1	0	0	1	1	1	1	1
56	Macrothricid ae	<i>Macrothrix triserialis</i> Brady, 1886	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
57	Chydoridae	<i>Matralona freyi</i> Idris & Fernando, 1980	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Moinidae	<i>Moina micrura</i> Kurz, 1874	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0
59	Moinidae	<i>Moina brachiata</i> (Jurine, 1820)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Moinidae	<i>Moinodaphnia macleyi</i> (King, 1853)	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
61	Chydoridae	<i>Nicsmirnovius eximius</i> (Kiser, 1948)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
62	Chydoridae	<i>Notoalona globulosa</i> <i>globulosa</i> (Daday, 1898)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	Chydoridae	<i>Oxyurella singalensis</i> (Daday, 1898)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	Chydoridae	<i>Picripleuroxus</i> <i>denticulatus</i> (Birge, 1879)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
65	Chydoridae	<i>Picripleuroxus laevis</i> Sars, 1862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Sididae	<i>Pseudosida szalayii</i> (Daday, 1898)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
67	Daphniidae	<i>Scapholeberis kingi</i> Sars, 1903	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
68	Daphniidae	<i>Simocephalus congener</i> (Koch, 1841)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	Daphniidae	<i>Simocephalus</i> <i>heilonjangensis</i> Shi & Shi, 1994	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
70	Daphniidae	<i>Simocephalus serrulatus</i> (Koch, 1841)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0