

Diversity of Monogononta rotifer species among standing waterbodies in northern Cambodia

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Supplementary Tab. 1. Rotifer species incidence^o recorded from this study

| No. | Species | Dry season (April 2010) | | Wet season (November 2010) | | Known occurrence ^s |
|-----|--|----------------------------|-----------|-------------------------------|-----------|-------------------------------|
| | | Lake | Reservoir | Lake | Reservoir | |
| 1 | <i>Anuraeopsis coelata</i> de Beauchamp, 1932 | 5 | 3 | 3 | 2 | Cosmopolitan |
| 2 | <i>Anuraeopsis fissa</i> Gosse, 1851 | 5 | 3 | 5 | 5 | Cosmopolitan |
| 3 | <i>Ascomorpha ecaudis</i> Perty, 1850 | 1 | 0 | 0 | 1 | Cosmopolitan |
| 4 | <i>Ascomorpha ovalis</i> (Bergendal, 1892) | 1 | 0 | 1 | 0 | Cosmopolitan |
| 5 | <i>Asplanchna sieboldii</i> (Leydig, 1854) | 0 | 1 | 1 | 1 | Cosmopolitan |
| 6* | <i>Asplanchna tropica</i> Koste & Tobias, 1989 | 0 | 1 | 1 | 1 | AFR, ORI |
| 7 | <i>Brachionus angularis</i> Gosse, 1851 | 1 | 2 | 0 | 1 | Cosmopolitan |
| 8 | <i>Brachionus caudatus</i> Barrois & Daday, 1894 | 2 | 1 | 1 | 1 | Cosmopolitan |
| 9 | <i>Brachionus dichotomus</i> Shephard, 1911 | 2 | 0 | 2 | 1 | AUS |
| 10 | <i>Brachionus donneri</i> Brehm, 1951 | 2 | 1 | 2 | 1 | ORI |
| 11 | <i>Brachionus falcatus</i> Zacharias, 1898 | 1 | 2 | 1 | 2 | Cosmopolitan |
| 12 | <i>Brachionus forficula</i> Wierzejski, 1891 | 1 | 1 | 0 | 1 | AFR, AUS, ORI, PAL |
| 13 | <i>Brachionus quadridentatus</i> Hermann, 1783 | 0 | 1 | 1 | 2 | Cosmopolitan |
| 14* | <i>Brachionus sessilis</i> Varga, 1951 | 0 | 1 | 0 | 0 | Cosmopolitan |
| 15 | <i>Cephalodella gibba</i> (Ehrenberg, 1830) | 1 | 0 | 0 | 1 | Cosmopolitan |
| 16* | <i>Cephalodella hollowdayi</i> Koste, 1986 | 0 | 1 | 0 | 0 | NEO |
| 17* | <i>Cephalodella intuta</i> Myers, 1924 | 2 | 1 | 0 | 0 | Cosmopolitan |
| 18* | <i>Cephalodella songkhlaensis</i> Segers & Pholpunthin, 1997 | 0 | 0 | 0 | 2 | ORI |
| 19 | <i>Colurella obtusa</i> (Gosse, 1886) | 1 | 0 | 0 | 1 | Cosmopolitan |
| 20* | <i>Colurella sulcata</i> (Stenroos, 1898) | 0 | 0 | 2 | 0 | Cosmopolitan |
| 21 | <i>Colurella uncinata</i> (Müller, 1773) | 0 | 2 | 0 | 1 | Cosmopolitan |
| 22 | <i>Colurella</i> sp. | 1 | 0 | 0 | 0 | n.a. |
| 23* | <i>Conochilus coenobasis</i> (Skorikov, 1914) | 3 | 3 | 3 | 3 | Cosmopolitan |
| 24 | <i>Conochilus</i> sp. | 0 | 1 | 3 | 4 | n.a. |
| 25 | <i>Dicranophorus epicharis</i> Haring & Myers, 1928 | 0 | 1 | 2 | 0 | Cosmopolitan |
| 26 | <i>Dipleuchlanis propatula</i> (Gosse, 1886) | 1 | 0 | 0 | 0 | Cosmopolitan |
| 27 | <i>Encentrum felis</i> (Müller, 1773) | 1 | 0 | 0 | 0 | AUS, NEA, NEO, PAL |
| 28 | <i>Euchlanis dilatata</i> Ehrenberg, 1832 | 0 | 0 | 0 | 3 | Cosmopolitan |
| 29 | <i>Euchlanis incisa</i> Carlin, 1939 | 0 | 2 | 0 | 2 | Cosmopolitan |
| 30 | <i>Filinia camasecla</i> Myers, 1938 | 0 | 1 | 0 | 2 | ORI |

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|-----|---|----------------------------|-----------|-------------------------------|-----------|-------------------------------|
| | | Lake | Reservoir | Lake | Reservoir | |
| 31 | <i>Filinia longiseta</i> (Ehrenberg, 1834) | 0 | 1 | 4 | 1 | Cosmopolitan |
| 32 | <i>Filinia opoliensis</i> (Zacharias, 1898) | 1 | 3 | 5 | 1 | Cosmopolitan |
| 33* | <i>Gastropus hyptopus</i> (Ehrenberg, 1838) | 0 | 0 | 0 | 1 | Cosmopolitan |
| 34 | <i>Hexarthra intermedia</i> (Wiszniewski, 1929) | 4 | 2 | 5 | 4 | Cosmopolitan |
| 35 | <i>Keratella cochlearis</i> (Gosse, 1851) | 4 | 1 | 3 | 0 | Cosmopolitan |
| 36 | <i>Keratella edmondsoni</i> Ahlstrom, 1943 | 1 | 1 | 1 | 2 | ORI |
| 37 | <i>Keratella lenzi</i> Hauer, 1953 | 1 | 0 | 1 | 1 | AFR, NEA, NEO, ORI |
| 38 | <i>Keratella tropica</i> (Apstein, 1907) | 3 | 3 | 4 | 2 | Cosmopolitan |
| 39 | <i>Lecane arcula</i> Harring, 1914 | 2 | 1 | 1 | 1 | Cosmopolitan |
| 40 | <i>Lecane batillifer</i> (Murray, 1913) | 1 | 0 | 1 | 0 | AUS, ORI |
| 41* | <i>Lecane braumi</i> Koste, 1988 | 0 | 0 | 0 | 1 | AFR, AUS, ORI |
| 42 | <i>Lecane bulla</i> (Gosse, 1851) | 3 | 3 | 4 | 4 | Cosmopolitan |
| 43 | <i>Lecane closteroerca</i> (Schmarda, 1859) | 0 | 0 | 2 | 1 | Cosmopolitan |
| 44 | <i>Lecane crepida</i> Harring, 1914 | 0 | 2 | 3 | 2 | Cosmopolitan |
| 45 | <i>Lecane curvicornis</i> (Murray, 1913) | 0 | 2 | 1 | 2 | Cosmopolitan |
| 46 | <i>Lecane elegans</i> Harring, 1914 | 0 | 0 | 0 | 1 | Cosmopolitan |
| 47 | <i>Lecane hamata</i> (Stokes, 1896) | 4 | 4 | 2 | 4 | Cosmopolitan |
| 48 | <i>Lecane hastata</i> (Murray, 1913) | 1 | 1 | 0 | 0 | Cosmopolitan |
| 49 | <i>Lecane hornemanni</i> (Ehrenberg, 1834) | 3 | 2 | 1 | 2 | Cosmopolitan |
| 50* | <i>Lecane inermis</i> (Bryce, 1892) | 0 | 1 | 0 | 1 | Cosmopolitan |
| 51 | <i>Lecane inopinata</i> Harring & Myers, 1926 | 0 | 2 | 1 | 3 | Cosmopolitan |
| 52 | <i>Lecane leontina</i> (Turner, 1892) | 0 | 2 | 1 | 3 | Cosmopolitan |
| 53 | <i>Lecane ludwigii</i> (Eckstein, 1883) | 0 | 1 | 0 | 3 | Cosmopolitan |
| 54 | <i>Lecane luna</i> (Müller, 1776) | 1 | 3 | 1 | 0 | Cosmopolitan |
| 55 | <i>Lecane lunaris</i> (Ehrenberg, 1832) | 1 | 3 | 3 | 3 | Cosmopolitan |
| 56* | <i>Lecane nelsoni</i> Segers, 1994 | 0 | 0 | 0 | 1 | AFR, NEO, ORI |
| 57* | <i>Lecane nitida</i> (Murray, 1913) | 0 | 1 | 0 | 2 | AFR, AUS, NEO, ORI |
| 58 | <i>Lecane papuana</i> (Murray, 1913) | 2 | 2 | 0 | 0 | Cosmopolitan |
| 59 | <i>Lecane pertica</i> Harring & Myers, 1926 | 0 | 0 | 0 | 1 | Cosmopolitan |
| 60* | <i>Lecane pyriformis</i> (Daday, 1905) | 0 | 0 | 1 | 2 | Cosmopolitan |
| 61 | <i>Lecane quadridentata</i> (Ehrenberg, 1830) | 0 | 0 | 1 | 1 | Cosmopolitan |
| 62 | <i>Lecane rhenana</i> Hauer, 1929 | 2 | 2 | 2 | 0 | AFR, NEO, ORI, PAL |

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|-----|---|----------------------------|-----------|-------------------------------|-----------|-------------------------------|
| | | Lake | Reservoir | Lake | Reservoir | |
| 63 | <i>Lecane signifera</i> (Jennings, 1896) | 1 | 2 | 2 | 3 | Cosmopolitan |
| 64* | <i>Lecane superaculeata</i> Sanoamuang & Segers, 1997 | 0 | 0 | 0 | 1 | ORI |
| 65 | <i>Lecane unguitata</i> (Fadeev, 1925) | 0 | 1 | 1 | 3 | AFR, AUS, ORI, PAL |
| 66 | <i>Lepadella acuminata</i> (Ehrenberg, 1834) | 1 | 0 | 1 | 1 | Cosmopolitan |
| 67* | <i>Lepadella ehrenbergii</i> (Perty, 1850) | 0 | 1 | 2 | 0 | Cosmopolitan |
| 68 | <i>Lepadella heterostyla</i> (Murray, 1913) | 0 | 0 | 0 | 1 | Cosmopolitan |
| 69 | <i>Lepadella patella</i> (Müller, 1773) | 1 | 1 | 2 | 1 | Cosmopolitan |
| 70 | <i>Lepadella rhomboides</i> (Gosse, 1886) | 3 | 1 | 0 | 1 | Cosmopolitan |
| 71* | <i>Lepadella triptera</i> (Ehrenberg, 1832) | 0 | 1 | 0 | 0 | Cosmopolitan |
| 72 | <i>Lepadella</i> sp. | 0 | 1 | 0 | 0 | n.a. |
| 73 | <i>Lophocharis salpina</i> (Ehrenberg, 1834) | 1 | 0 | 2 | 1 | Cosmopolitan |
| 74 | <i>Macrochaetus longipes</i> Myers, 1934 | 0 | 1 | 1 | 2 | Cosmopolitan |
| 75 | <i>Macrochaetus sericus</i> (Thorpe, 1893) | 0 | 1 | 1 | 0 | Cosmopolitan |
| 76* | <i>Monommata actices</i> Myers, 1930 | 0 | 0 | 0 | 1 | Cosmopolitan |
| 77* | <i>Monommata longiseta</i> (Müller, 1786) | 0 | 0 | 4 | 2 | Cosmopolitan |
| 78 | <i>Mytilina ventralis</i> (Ehrenberg, 1830) | 0 | 0 | 0 | 3 | Cosmopolitan |
| 79* | <i>Notommata collaris</i> Ehrenberg, 1832 | 0 | 1 | 0 | 0 | Cosmopolitan |
| 80* | <i>Notommata tripus</i> Ehrenberg, 1838 | 0 | 1 | 0 | 0 | Cosmopolitan |
| 81 | <i>Plationus patulus</i> (Müller, 1786) | 1 | 3 | 0 | 2 | Cosmopolitan |
| 82 | <i>Platylas quadricornis</i> (Ehrenberg, 1832) | 1 | 2 | 0 | 0 | Cosmopolitan |
| 83 | <i>Ploesoma lenticulare</i> Herrick, 1885 | 0 | 0 | 1 | 0 | Cosmopolitan |
| 84 | <i>Polyarthra</i> spp. Carlin, 1943 | 3 | 4 | 5 | 5 | n.a. |
| 85 | <i>Pompholyx sulcata</i> Hudson, 1885 | 0 | 1 | 0 | 0 | Cosmopolitan |
| 86 | <i>Ptygura</i> sp. | 0 | 0 | 0 | 1 | n.a. |
| 87* | <i>Scaridium bostjani</i> Daems & Dumont, 1974 | 0 | 1 | 2 | 4 | Cosmopolitan |
| 88 | <i>Scaridium</i> sp. | 0 | 0 | 1 | 0 | n.a. |
| 89* | <i>Squatinella lamellaris</i> (Müller, 1786) | 0 | 0 | 1 | 0 | Cosmopolitan |
| 90* | <i>Squatinella leydigii</i> (Zacharias, 1886) | 0 | 0 | 0 | 1 | AUS, NEA, NEO, PAL |
| 91 | <i>Testudinella patina</i> (Hermann, 1783) | 2 | 2 | 5 | 5 | Cosmopolitan |
| 92 | <i>Testudinella tridentata</i> Smirnov, 1931 | 0 | 1 | 1 | 0 | Cosmopolitan |
| 93 | <i>Trichocerca bicristata</i> (Gosse, 1887) | 1 | 1 | 1 | 3 | Cosmopolitan |

| No. | Species | Dry season (April 2010) | | Wet season (November 2010) | | Known occurrence [§] |
|------|--|----------------------------|-----------|-------------------------------|-----------|-------------------------------|
| | | Lake | Reservoir | Lake | Reservoir | |
| 94* | <i>Trichocerca bidens</i> (Lucks, 1912) | 1 | 0 | 1 | 2 | Cosmopolitan |
| 95 | <i>Trichocerca capucina</i> (Wierzejski & Zacharias, 1893) | 3 | 1 | 3 | 2 | Cosmopolitan |
| 96 | <i>Trichocerca cylindrica</i> (Imhof, 1891) | 4 | 2 | 3 | 4 | Cosmopolitan |
| 97 | <i>Trichocerca flagellata</i> Hauer, 1937 | 0 | 0 | 0 | 3 | Cosmopolitan |
| 98 | <i>Trichocerca insignis</i> (Herrick, 1885) | 2 | 2 | 2 | 5 | Cosmopolitan |
| 99 | <i>Trichocerca myersi</i> (Hauer, 1931) | 0 | 0 | 0 | 1 | Cosmopolitan |
| 100 | <i>Trichocerca pusilla</i> (Jennings, 1903) | 2 | 1 | 3 | 1 | Cosmopolitan |
| 101 | <i>Trichocerca similis</i> (Wierzejski, 1893) | 5 | 4 | 5 | 5 | Cosmopolitan |
| 102 | <i>Trichocerca stylata</i> (Gosse, 1851) | 0 | 0 | 1 | 2 | Cosmopolitan |
| 103* | <i>Trichocerca tenuior</i> (Gosse, 1886) | 1 | 0 | 0 | 0 | Cosmopolitan |
| 104 | <i>Trichocerca tigris</i> (Müller, 1786) | 0 | 0 | 0 | 1 | Cosmopolitan |
| 105 | <i>Trichocerca</i> sp1 | 0 | 0 | 1 | 0 | n.a. |
| 106 | <i>Trichocerca</i> sp2 | 0 | 0 | 1 | 0 | n.a. |
| 107 | <i>Trichotria tetractis</i> (Ehrenberg, 1830) | 1 | 1 | 2 | 3 | Cosmopolitan |

[°]Incidence frequency in incidence samples; *new species record from this study; [§]known occurrence according to Segers (2007); Cosmopolitan, at least 5 of these 8 biogeographic regions of the world; AFR, Afrotropical; ANT, Antarctic; AUS, Australian; NEA, Nearctic; NEO, Neotropical; ORI, Oriental; PAC, Pacific; PAL, Palearctic; n.a., not available.