

Appendix

Appendix 1. Abundance and composition of Ephemeroptera species and morphospecies collected in streams, rivers and wetlands in the eastern region of Mato Grosso State, Brazil, 2005/2008. COB: Corrente river sub-basin; PIB: Pindaíba river sub-basin; SMB: Suiá-Miçu river sub-basin.

| Species/morphospecies | COB | PIB | SMB | Total |
|---|-----|------|-----|-------|
| <i>Amanahyphes saguassu</i> Salles and Molineri, 2006 | 3 | 0 | 29 | 32 |
| <i>Americabaetis alphus</i> Lugo-Ortiz and McCafferty, 1995 | 125 | 46 | 12 | 183 |
| <i>Apobaetis fuzai</i> Salles and Lugo-Ortiz, 2002 | 8 | 17 | 1 | 26 |
| <i>Askola</i> sp. | 20 | 23 | 9 | 52 |
| <i>Asthenopus curtus</i> (Hagen, 1861) | 0 | 11 | 67 | 78 |
| <i>Aturbina</i> aff. <i>maculata</i> Salles, Boldrini and Shimano, 2011 | 9 | 5 | 0 | 14 |
| <i>Aturbina georgei</i> Lugo-Ortiz and McCafferty, 1996 | 50 | 115 | 20 | 185 |
| <i>Aturbina nigra</i> Salles, Boldrini and Shimano, 2011 | 12 | 32 | 19 | 63 |
| <i>Baetodes</i> sp. | 14 | 5 | 0 | 19 |
| <i>Brasilocaenis irmeli</i> Puthz, 1975 | 0 | 0 | 5 | 5 |
| <i>Brasilocaenis</i> sp.1 | 10 | 0 | 0 | 10 |
| <i>Brasilocaenis</i> sp.2 | 29 | 20 | 25 | 74 |
| <i>Caenis cumiana</i> Froehlich, 1969 | 0 | 5 | 155 | 160 |
| <i>Caenis fittkai</i> Malzacher, 1986 | 0 | 0 | 31 | 31 |
| <i>Caenis pflugfelderi</i> Malzacher, 1990 | 23 | 18 | 15 | 56 |
| <i>Callibaetis</i> sp.1 | 24 | 17 | 34 | 75 |
| <i>Callibaetis</i> sp.2 | 0 | 13 | 103 | 116 |
| <i>Callibaetis</i> sp.3 | 5 | 3 | 0 | 8 |
| <i>Camelobaetidius</i> aff. <i>Janae</i> | 12 | 7 | 0 | 19 |
| <i>Campsurus</i> sp.1 | 0 | 0 | 12 | 12 |
| <i>Campsurus</i> sp.2 | 0 | 31 | 31 | 62 |
| <i>Campsurus</i> sp.3 | 0 | 0 | 2 | 2 |
| <i>Campsurus</i> sp.4 | 0 | 0 | 22 | 22 |
| <i>Campsurus</i> sp.5 | 4 | 1 | 1 | 6 |
| <i>Campsurus</i> sp.6 | 0 | 0 | 29 | 29 |
| <i>Campsurus</i> sp.7 | 0 | 0 | 7 | 7 |
| <i>Campsurus</i> sp.8 | 0 | 0 | 12 | 12 |
| <i>Campsurus</i> sp.9 | 0 | 175 | 0 | 175 |
| <i>Campylocia</i> sp. | 39 | 54 | 16 | 109 |
| <i>Cloeodes auwe</i> Salles and Batista, 2004 | 1 | 25 | 11 | 37 |
| <i>Cloeodes hydation</i> McCafferty and Lugo-Ortiz, 1995 | 26 | 3 | 0 | 29 |
| <i>Cloeodes redactus</i> Waltz and McCafferty, 1987 | 91 | 28 | 1 | 120 |
| <i>Coryphorus aquilus</i> Peters, 1981 | 3 | 1 | 14 | 18 |
| <i>Cryptonympha copiosa</i> Lugo-Ortiz and McCafferty, 1998 | 3 | 11 | 45 | 59 |
| <i>Farrodes</i> spp. | 503 | 583 | 28 | 1114 |
| <i>Fittkaulus cururuensis</i> Savage, 1986 | 82 | 123 | 107 | 312 |
| Leptophlebiidae; gênero 1 sp.1 | 65 | 8 | 0 | 73 |
| <i>Hagenulopsis</i> sp.1 | 75 | 103 | 2 | 180 |
| <i>Harpagobaetis gulosus</i> Mol, 1986 | 0 | 0 | 1 | 1 |
| <i>Hydrosmastodon sallesi</i> Polegatto and Batista, 2007 | 0 | 2 | 0 | 2 |
| <i>Hydrosmilodon gilliesae</i> Thomas and Peru, 1983 | 0 | 26 | 15 | 41 |
| <i>Lachlania</i> sp.1 | 11 | 14 | 0 | 25 |
| <i>Leptohyphes</i> sp.1 | 166 | 12 | 0 | 178 |
| <i>Microphlebia</i> sp. 1 | 0 | 0 | 12 | 12 |
| <i>Microphlebia surinamenses</i> Savage and Peters, 1983 | 0 | 3 | 64 | 67 |
| <i>Miroculis</i> spp. | 867 | 1287 | 94 | 2248 |
| <i>Oligoneuria amazônica</i> (Demoulin, 1955) | 3 | 3 | 0 | 6 |
| <i>Paracloeodes binodulus</i> Lugo-Ortiz and McCafferty, 1996 | 15 | 4 | 2 | 21 |
| <i>Paracloeodes</i> sp.1 | 0 | 3 | 0 | 3 |
| <i>Paracloeodes</i> sp.2 | 83 | 21 | 0 | 104 |
| <i>Paramaka convexa</i> (Spieth, 1943) | 20 | 47 | 1 | 68 |
| <i>Simothraulopsis</i> sp. | 14 | 27 | 105 | 146 |
| <i>Terpides sooretamae</i> Boldrini and Salles, 2009 | 617 | 248 | 0 | 865 |
| <i>Thraulodes</i> sp. | 25 | 0 | 6 | 31 |
| <i>Tikuna bilineata</i> (Needham and Murphy, 1924) | 0 | 1 | 0 | 1 |
| <i>Tortopsis</i> sp. | 0 | 1 | 0 | 1 |

Table A1. (Contd)

| Species/morphospecies | COB | PIB | SMB | Total |
|---|-------------|-------------|-------------|-------------|
| <i>Traverella</i> sp. | 17 | 0 | 0 | 17 |
| <i>Traverhyphes</i> spp. | 462 | 227 | 9 | 698 |
| <i>Tricorythodes hiemalis</i> Molineri, 2001 | 84 | 107 | 41 | 232 |
| <i>Tricorythodes rondoniensis</i> Dias, Vilela and Ferreira, 2009 | 0 | 3 | 6 | 9 |
| <i>Tricorythodes sallesi</i> Dias, Cabette and Souza, 2009 | 8 | 14 | 0 | 22 |
| <i>Tricorythodes santarita</i> Traver, 1959 | 26 | 2 | 0 | 28 |
| <i>Tricorythodes yura</i> Molineri, 2002 | 13 | 8 | 0 | 21 |
| <i>Tricorythopsis bahiensis</i> Dias, Salles and Ferreira, 2008 | 1 | 0 | 0 | 1 |
| <i>Tricorythopsis</i> cf. <i>baptistai</i> Dias and Salles, 2005 | 0 | 1 | 0 | 1 |
| <i>Tricorythopsis chiriguano</i> Molineri, 2001 | 9 | 1 | 0 | 10 |
| <i>Tricorythopsis</i> sp. | 0 | 0 | 2 | 2 |
| <i>Ulmeritoides</i> sp.1 | 75 | 62 | 80 | 217 |
| <i>Ulmeritoides</i> sp.2 | 71 | 50 | 0 | 121 |
| <i>Waltzoyphius fasciatus</i> McCafferty and Lugo-Ortiz, 1995 | 27 | 24 | 0 | 51 |
| <i>Waltzoyphius roberti</i> Thomas and Peru, 1998 | 68 | 31 | 21 | 120 |
| <i>Zelus principalis</i> Lugo-Ortiz and McCafferty, 1998 | 334 | 133 | 29 | 496 |
| Total | 4252 | 3845 | 1353 | 9450 |
| Total of taxa | 46 | 56 | 46 | 72 |