SUPPLEMENTERY MATERIAL

Table 1 - supplementary. Coordinates of the sampling units.

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| UA | Streams | Coordinate X | Coordinate Y |
| ua1 | Lamego | 683735.893 | 9467270.185 |
| ua2 | Inhamum | 674452.224 | 9458998.670 |
| ua3 | Soledade | 675260.709 | 9459199.577 |
| ua4 | Sumidouro do Padre | 674628.398 | 9459490.118 |
| ua5 | Cocos | 679960.400 | 9470973.048 |
| ua6 | Areia Branca | 673254.371 | 9459006.553 |
| ua7 | Sanharó | 678645.104 | 9461758.701 |
| ua8 | Itapecuruzinho | 682996.390 | 9458478.988 |
| ua9 | São José | 684138.285 | 9463158.000 |
| ua10 | Riachão | 682139.756 | 9454229.690 |

Table 2 - supplementary. Genera sampled for the period of lowest rainfall.

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| Genus | Number of individuals | Sample |
| *Perithemis* | 44 | ua1; ua2; ua3; ua4; ua5; ua6; ua8; ua9 |
| *Argia* | 19 | ua8; ua10 |
| *Tramea*  | 17 | ua2; ua3; ua4; ua6; ua7; ua9 |
| *Orthemis* | 17 | ua1; ua2; ua3; ua6; ua7; ua9 |
| *Epipleoneura*  | 16 | ua3; ua6; ua7; ua8; ua9 |
| *Hetaerina*  | 13 | ua3; ua8; ua9 |
| *Acanthagrion*  | 9 | ua1; ua3; ua5; ua7; ua8; ua9 |
| *Erythrodiplax*  | 8 | ua7; ua9 |
| *Dythemis* | 6 | ua2; ua5; ua8 |
| *Aphyla*  | 5 | ua8 |
| *Tauriphila* | 2 | ua1; ua3 |
| *Phyllocycla* | 2 | ua9 |
| *Erythemis* | 1 | ua3 |
| *Libellula* | 1 | ua2 |

Table 3 - supplementary. Genera sampled for the period of greatest rainfall.

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| Genus | Number of individuals | Sample |
| *Perithemis* | 43 | ua1; ua2; ua3; ua4; ua5; ua6; ua7; ua8; ua9; ua10 |
| *Hetaerina* | 33 | ua5; ua8; ua9; ua10 |
| *Argia* | 30 | ua3; ua4; ua5; ua7; ua8; ua10 |
| *Acanthagrion* | 22 | ua5; ua6; ua7; ua9 |
| *Tramea* | 19 | ua3; ua4; ua6; ua7 |
| *Orthemis* | 18 | ua1; ua2; ua3; ua5; ua6; ua7; ua9 |
| *Phyllocycla* | 15 | ua5; ua10 |
| *Epipleoneura* | 15 | ua1; ua3; ua4; ua5; ua6 |
| *Tauriphila* | 7 | ua2; ua4; ua6 |
| *Progomphus* | 7 | ua8; ua10 |
| *Zonophora* | 3 | ua2; ua6 |
| *Perilestes* | 3 | ua5; ua7 |
| *Libellula* | 3 | ua8 |
| *Erythrodiplax* | 2 | ua6; ua7 |
| *Aphyla* | 2 | ua8; ua10 |
| *Epigomphus* | 2 | ua1; ua3 |
| *Erythemis* | 1 | ua6 |
| *Agriogomphus* | 1 | ua10 |