**Table S1.** Mean (+ 1 sd) perch heights for males and females of libellulid species observed perching at the Cantarrana Wetland, La Selva Biological Station, Heredia, Costa Rica, in Jan-Feb 2016, and body sizes reported in Esquivel (2006; midpoints of range used, = ‘Esq’), Haber (2011; midpoints of range used, = ‘Hbr’), and Paulson (2014; length of displayed specimen used, = ‘Pln’). ‘N’ = number of perch events recorded; ‘Abun’ = qualitative estimate of total individual abundances: ‘+’ = 1-10 individuals, ‘++’ = 10-30 individuals, ‘+++’ > 30 individuals.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Perch Height (cm) | |  | Body Size | | |  |
| Species | Sex | Abun | N | Mean + 1 sd |  | Esq | Hbr | Pln | Mean |
| *Anatya guttata* | male | + | 6 | 92.85 + 30.14 |  |  | 33.0 | 33.5 | 33.25 |
| *Cannaphila insularis* | female | +++ | 109 | 225.02 + 85.99 |  | 39.0 | 39.0 |  | 39.00 |
|  | male | +++ | 155 | 283.86 + 80.42 |  | 39.0 | 39.0 |  | 39.00 |
| *Erythemis attala* | female | + | 1 | 173.02 |  |  | 42.0 | 39.0 | 40.50 |
| *Erythrodiplax fervida* | female | +++ | 75 | 85.62 + 22.41 |  | 33.5 | 31.0 | 30.5 | 31.67 |
|  | male | +++ | 113 | 90.93 + 25.73 |  | 33.5 | 31.0 | 30.5 | 31.67 |
| *Erythrodiplax kimminsi* | female | + | 1 | 84.15 |  |  | 33.5 | 34.0 | 33.75 |
|  | male | + | 6 | 94.30 + 6.97 |  |  | 33.5 | 34.0 | 33.75 |
| *Erythrodiplax umbrata* | female | + | 3 | 30.30 + 2.73 |  | 41.0 | 44.0 | 44.0 | 43.00 |
|  | male | + | 20 | 81.96 + 21.50 |  | 41.0 | 44.0 | 44.0 | 43.00 |
| *Libellula hurculea* | female | + | 5 | 136.64 + 28.58 |  | 51.0 | 52.5 |  | 51.75 |
|  | male | + | 214 | 198.92 + 89.17 |  | 51.0 | 52.5 |  | 51.75 |
| *Micrathyria atra* | female | + | 16 | 135.62 + 56.11 |  |  | 41.5 | 39.0 | 40.25 |
|  | male | ++ | 470 | 130.15 + 45.68 |  |  | 41.5 | 39.0 | 40.25 |
| *Micrathyria laevigata* | male | + | 3 | 157.87 + 0.00 |  |  | 36.5 | 34.0 | 35.25 |
| *Orthemis cultriformes* | female | + | 8 | 188.98 + 48.79 |  |  | 48.0 | 44.0 | 46.00 |
|  | male | + | 111 | 148.14 + 93.49 |  |  | 48.0 | 44.0 | 46.00 |
| *Orthemis discolor* | female | + | 13 | 219.09 + 66.02 |  |  | 52.0 | 50.0 | 51.00 |
|  | male | + | 114 | 197.51 + 73.69 |  |  | 52.0 | 50.0 | 51.00 |
| *Orthemis schmidti* | male | + | 7 | 179.87 + 3.87 |  |  |  | 51.0 | 51.00 |
| *Uracis imbuta* | female | + | 25 | 72.55 + 39.73 |  | 32.5 | 34.5 | 35.0 | 34.00 |
|  | male | + | 16 | 68.31 + 36.20 |  | 32.5 | 34.5 | 35.0 | 34.00 |