**S4 Table. Summary statistics for each species**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Species | Number of | Proportion malea | Number of collectionsb | Mean number individuals per day in a collectionc |
|  | individuals | females | males |  |  | All | Present |
| *affinis* | 169 | 69 | 100 | 0.59 | 9 | 3.34 ± 5.63 | 7.80 ± 6.33 |
| *algonquin* | 778 | 329 | 449 | **0.58** | 7 | 18.53 ± 44.04 | 55.57 ± 63.74 |
| *busckii* | 31 | 20 | 11 | 0.35 | 9 | 0.73 ± 1.48 | 1.72 ± 1.89 |
| *hydei* | 205 | 137 | 68 | **0.33** | 15 | 3.95 ± 6.38 | 5.52 ± 6.98 |
| *melanica* | 26 | 17 | 9 | 0.35 | 5 | 0.61 ± 1.65 | 2.60 ± 2.68 |
| *suzukii* | 1184 | 668 | 516 | **0.44** | 15 | 27.46 ± 33.56 | 38.44 ± 34.01 |
| *tripunctata* | 47 | 14 | **33** | *0.70* | 9 | 1.12 ± 1.91 | 2.61 ± 2.18 |
| *melanogaster* and *simulans*d | 8198 | 4573 | 3625 | **0.44** | 21 | 186.02 ± 312.73 | 195.33 ± 317.86 |
| Total | 10584 | 5827 | 4811 | **0.45** | 21 | 241.77 ± 321.95 |  |
| *melanogaster* males | 939 |  |  |  | 19 | 17.80 ± 2.18 | 19.68 ± 22.53 |
| *simulans* males | 2686 |  |  |  | 12 | 63.02 ± 116.82 | 110.28 ± 138.30 |

aChi-squared test comparison to 1:1 sex ratio, ***P*<<0.001**, *P<0.01*, *P*<0.05.

bThe total number of collections are presented in which each species is found. The total reflects the total number of collections across the whole season: all had at least one fly present.

cCollections were made over either 2 or 7 days. The number of individuals collected was corrected for the number of days of the collection. Data presented are mean ± standard deviation*.* The data are presented for all collections and only those collections in which the species is found.

d*D. melanogaster* and *D. simulans* were grouped together because females for the two species were indistinguishable. Separate data for the males are presented below the totals for all species.