**Table S1: Mosquito species collected during the surveys**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | Survey 1 | Survey 2 | Survey 3 | Survey 4 | Total |
| Gbada | Bonou | Houeda | Kode | Gbada | Bonou | Houeda | Kode | Gbada | Bonou | Houeda | Kode | Gbada | Bonou | Houeda | Kode |
| *Anopheles gambiae* | 0 | 9 | 14 | 8 | 0 | 2 | 3 | 1 | 0 | 4 | 1 | 2 | 0 | 1 | 0 | 2 | 47 |
| *Anopheles ziemanni* | 0 | 4 | 5 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 2 | 1 | 19 |
| *Anopheles pharoensis* | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| *Aedes luteocephalus* | 1 | 0 | 0 | 1 | 8 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 22 |
| *Aedes vittatus* | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| *Culex decens* | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4 |
| *Culex fatigans* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 |
| *Culex nebulosus* | 136 | 62 | 44 | 82 | 1 | 15 | 22 | 65 | 115 | 29 | 122 | 119 | 9 | 8 | 30 | 264 | 1123 |
| *Culex quinquefasciatus* | 32 | 213 | 110 | 230 | 28 | 8 | 86 | 18 | 24 | 23 | 12 | 84 | 20 | 11 | 10 | 31 | 940 |
| *Mansonia africana* | 16 | 87 | 175 | 212 | 10 | 17 | 160 | 94 | 277 | 93 | 373 | 145 | 174 | 194 | 20 | 112 | 2159 |
| Total | 186 | 378 | 352 | 534 | 47 | 47 | 273 | 183 | 419 | 149 | 511 | 352 | 205 | 214 | 62 | 410 | 4322 |