|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table S2. Number and percentage of mosquito blood meals by vertebrate host class and selected orders based on 39 combined mosquito feeding studies. | | | | | | | | | | | |
|  | Class | |  | Order | | | | | | |  |
| Taxon | Aves (%) | Mammalia (%) |  | Artiodactyla (%) | Carnivora (%) | Lagomorpha (%) | Perissodactyla (%) | Primates (%) | Rodentia (%) | Total | Citations |
| *Aedes aegypti* | 3(<1) | 439(99) |  | 0 | 81(18) | 0 | 1(<1) | 356 (80) | 0 | 442 | [1] |
| *Aedes* |  |  |  |  |  |  |  |  |  |  |  |
| *albopictus* | 1(<1) | 936(>99) |  | 26(3) | 381(41) | 92(10) | 45(5) | 223(24) | 106(11) | 937 | [2,3] |
| *Aedes atlanticus* | 1(1) | 123(92) |  | 34(26) | 6(5) | 41(31) | 1(1) | 1(1) | 1(1) | 133 | [4-6] |
| *Aedes* |  |  |  |  |  |  |  |  |  |  |  |
| *canadensis* | 2(1) | 242(73) |  | 202(61) | 3(<1) | 12(4) | 4(1) | 9(3) | 0 | 331 | [5,7,8] |
| *Aedes cantator* | 1(2) | 56(97) |  | 49(84) | 3(5) | 0 | 0 | 4(7) | 0 | 58 | [8] |
| *Aedes cinereus* | 5(5) | 105(95) |  | 80(73) | 6(5) | 2(2) | 1(<1) | 7(6) | 6(5) | 110 | [8] |
| *Aedes dorsalis* | 5(7) | 63(93) |  | 53(78) | 0 | 3(4) | 7(10) | 0 | 0 | 68 | [9,10] |
| *Aedes* |  |  |  |  |  |  |  |  |  |  |  |
| *f. pallens* | 2(5) | 39(95) |  | 4(10) | 7(17) | 6(15) | 0 | 0 | 1(2) | 41 | [4,5] |
| *Aedes infirmatus* | 29(3) | 828(97) |  | 103(12) | 14(2) | 340(40) | 0 | 0 | 1(<1) | 857 | [4,5] |
| *Aedes* |  |  |  |  |  |  |  |  |  |  |  |
| *j. japonicus* | 0 | 90(100) |  | 72(80) | 0 | 0 | 2(2) | 14(16) | 1(1) | 90 | [11,12] |
| *Aedes* |  |  |  |  |  |  |  |  |  |  |  |
| *nigromaculis* | 1(<1) | 297(<99) |  | 243(82) | 0 | 35(12) | 5(2) | 9(3) | 5(2) | 298 | [10] |
| *Aedes sollicitans* | 6(3) | 210(97) |  | 78(36) | 7(3) | 115(53) | 3(1) | 2(<1) | 2(<1) | 216 | [3,4,8,10,12,13] |
| *Aedes sticticus* | 0 | 79(100) |  | 74(94) | 1(1) | 2(3) | 1(1) | 1(1) | 0 | 79 | [8,9] |
| *Aedes* |  |  |  |  |  |  |  |  |  |  |  |
| *taeniorhynchus* | 17(3) | 644(97) |  | 265(40) | 30(5) | 285(43) | 2(<1) | 1(<1) | 3(<1) | 661 | [4,8,12] |
| *Aedes thibaulti* | 0 | 59(100) |  | 52(88) | 4(7) | 0 | 1(2) | 2(4) | 0 | 59 | [8] |
| *Aedes triseriatus* | 3(<1) | 484(89) |  | 53(10) | 92(17) | 57(10) | 14(3) | 31(6) | 223(41) | 543 | [4-6,8,12-14] |
| *Aedes trivittatus* | 8(3) | 253(97) |  | 119(46) | 76(29) | 30(11) | 11(4) | 15(6) | 0 | 261 | [8,10,12,14,15] |
| *Aedes vexans* | 47(<1) | 5351(99) |  | 3646(68) | 136(3) | 409(8) | 719(13) | 266(5) | 41(<1) | 5400 | [3,5,6,10,12-16] |
| *Anopheles* |  |  |  |  |  |  |  |  |  |  |  |
| *bradleyi* | 0 | 38(100) |  | 32(84) | 4(11) | 0 | 1(3) | 1(3) | 0 | 38 | [12] |
| *Anopheles* |  |  |  |  |  |  |  |  |  |  |  |
| *crucians* | 14(3) | 534(97) |  | 133(24) | 12(2) | 291(53) | 3(<1) | 1(<1) | 3(<1) | 548 | [4,5,12] |
| *Anopheles* |  |  |  |  |  |  |  |  |  |  |  |
| *punctipennis* | 3(3) | 85(97) |  | 52(59) | 4(5) | 1(1) | 25(32) | 3(3) | 0 | 88 | [5,7,8,10,12,17,18] |
| *Anopheles quad-* |  |  |  |  |  |  |  |  |  |  |  |
| *rimaculatus* | 23(2) | 940(98) |  | 476(49) | 271(28) | 23(2) | 125(13) | 17(2) | 1(<1) | 963 | [3-5,7,8,12,14,17,18] |
| *Coquillettidia* |  |  |  |  |  |  |  |  |  |  |  |
| *perturbans* | 75(9) | 747(91) |  | 348(42) | 50(6) | 100(12) | 35(4) | 4(<1) | 3(<1) | 823 | [3-5,7,8,12-14,16] |
| *Culex cedecei* | 6(3) | 156(89) |  | 13(7) | 7(4) | 47(27) | 0 | 0 | 37(21) | 176 | [19] |
| *Culex erraticus* | 740(55) | 582(43) |  | 77(6) | 354(26) | 89(7) | 13(1) | 4(<1) | 6(<1) | 1350 | [5,10,12,16-21] |
| *Culex* |  |  |  |  |  |  |  |  |  |  |  |
| *erythrothorax* | 41 (13) | 275(87) |  | 6(2) | 17(5) | 55(17) | 5(2) | 0 | 0 | 316 | [22] |
| *Culex nigripalpus* | 48 (36) | 83(62) |  | 23(17) | 46() | 0 | 11(8) | 4(3) | 1(<1) | 134 | [18,23] |
| *Culex peccator* | 10(5) | 1(<1) |  | 0 | 0 | 0 | 0 | 0 | 0 | 181 | [5,19-21] |
| *Culex pilosus* | 1(<1) | 29(23) |  | 3(2) | 6(5) | 6(5) | 0 | 0 | 0 | 125 | [19] |
| *Culex pipiens* | 1941(85) | 348(15) |  | 48 (2) | 80(4) | 7(<1) | 18(1) | 159(7) | 14(1) | 2291 | [3,6,7,9,10,12-14,17,24-27] |
| *Culex quinque-* |  |  |  |  |  |  |  |  |  |  |  |
| *fasciatus* | 846 (57) | 641(43) |  | 30(2) | 453(30) | 100(7) | 12(1) | 12(1) | 5(3) | 1489 | [2,5,17,22,23,28,29] |
| *Culex restuans* | 660(79) | 173 (21) |  | 8 (1) | 74(9) | 8 (1) | 39 (5) | 36(4) | 2(<1) | 833 | [3,5-7,10,13,14,17,24,26,30] |
| *Culex salinarius* | 89(29) | 213(70) |  | 117(38) | 54(18) | 21(7) | 6(2) | 5(2) | 3(1) | 304 | [3,5,10,12,13,26] |
| *Culex* |  |  |  |  |  |  |  |  |  |  |  |
| *stigmatosoma* | 47(84) | 9(16) |  | 1(2) | 0 | 8(14) | 0 | 0 | 0 | 56 | [22] |
| *Culex*  *tarsalis* | 10527 (86) | 1661 (14) |  | 1217 (10) | 62(<1) | 110 (1) | 158 (1) | 33 (<1) | 17 (<1) | 12188 | [10,22,31-36] |
| *Culex territans* | 13(5) | 7(3) |  | 2(<1) | 2(<1) | 1(<1) | 2(1) | 0 | 0 | 263 | [5,7,8,10,12,17,20] |
| *Culiseta inornata* | 68(4) | 1566(96) |  | 1311(80) | 4(<1) | 35(2) | 188(11) | 4(<1) | 1(<1) | 1635 | [9,10,14,37] |
| *Culiseta*  *melanura* | 1929(96) | 41(2) |  | 22(1) | 2(<1) | 1(<1) | 9(<1) | 2(<1) | 1(<1) | 1977 | [5,7,12,20,26,37] |
| *Culiseta* |  |  |  |  |  |  |  |  |  |  |  |
| *moristans* | 173(92) | 16(9) |  | 10(5) | 0 | 0 | 5(3) | 0 | 0 | 189 | [7,26] |
| *Deinocerites* |  |  |  |  |  |  |  |  |  |  |  |
| *cancer* | 448(75) | 138(23) |  | 0 | 9(2) | 116(20) | 0 | 0 | 0 | 594 | [38] |
| *Mansonia titillans* | 3(7) | 38(93) |  | 21(51) | 7(17) | 1(2) | 0 | 0 | 0 | 41 | [4,10] |
| *Psorophora* |  |  |  |  |  |  |  |  |  |  |  |
| *confinnis* | 5(3) | 175(97) |  | 108(60) | 20(11) | 15(8) | 7(4) | 13(7) | 12(7) | 180 | [4,10] |
| *Psorophora* |  |  |  |  |  |  |  |  |  |  |  |
| *discolor* | 8(10) | 72(90) |  | 48(60) | 10(13) | 5(6) | 2(3) | 7(9) | 0 | 80 | [10] |
| *Psorophora ferox* | 9(2) | 446(98) |  | 159(35) | 46(10) | 150(33) | 1(<1) | 8(2) | 2(<1) | 456 | [4-6,8] |
| *Wyeomyia* |  |  |  |  |  |  |  |  |  |  |  |
| *mitchellii* | 0 | 46(100) |  | 4(9) | 0 | 38(83) | 0 | 0 | 0 | 46 | [39] |

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