

Supplementary Table 2: Distribution of Phlebotomine sand fly collected in each collection methods by sex

| Species                 | CDC       |           |           | ST          |            |             | Over-all    |            |             |
|-------------------------|-----------|-----------|-----------|-------------|------------|-------------|-------------|------------|-------------|
|                         | M         | F         | Total     | M           | F          | Total       | M           | F          | Total       |
| <i>Ph. rodhaini</i>     | 1 (50.0)  | 1 (50.0)  | 2 (2.3)   | 26 (72.2)   | 10 (27.8)  | 36 (1.7)    | 27 (71.1)   | 11 (28.9)  | 38 (1.7)    |
| <i>S. adleri</i>        | 0 (0.0)   | 0 (0.0)   | 0 (0.0)   | 1 (100.0)   | 0 (0.0)    | 1 (0.1)     | 1 (100.0)   | 0 (0.0)    | 1 (0.1)     |
| <i>S. africanus</i>     | 12 (48.0) | 13 (52.0) | 25 (28.7) | 138 (43.1)  | 182 (56.9) | 320 (15.2)  | 150 (43.5)  | 195 (56.5) | 345 (15.7)  |
| <i>S. antennatus</i>    | 21 (63.6) | 12 (36.7) | 33 (37.9) | 867 (80.1)  | 216 (19.9) | 1083 (51.4) | 888 (79.6)  | 228 (20.4) | 1116 (50.8) |
| <i>S. bedfordi</i>      | 4 (44.4)  | 5 (55.6)  | 9 (10.3)  | 188 (81.7)  | 42 (18.3)  | 230 (10.9)  | 192 (80.3)  | 47 (19.7)  | 239 (10.9)  |
| <i>S. clydei</i>        | 2 (66.7)  | 1 (33.3)  | 3 (3.4)   | 56 (50.0)   | 56 (50.0)  | 112 (5.3)   | 58 (50.4)   | 57 (49.6)  | 115 (5.2)   |
| <i>S. schwetzi</i>      | 5 (45.5)  | 6 (54.5)  | 11 (12.6) | 205 (67.4)  | 99 (32.6)  | 304 (14.4)  | 210 (66.7)  | 105 (33.3) | 315 (14.3)  |
| <i>S. squamipleuris</i> | 1 (25.0)  | 3 (75.0)  | 4 (4.6)   | 15 (65.2)   | 8 (34.8)   | 23 (1.1)    | 16 (59.3)   | 11 (40.7)  | 27 (1.2)    |
| Grand Total             | 46 (52.9) | 41 (47.1) | 87(4.0)   | 1496 (70.9) | 613 (29.1) | 2109 (96.0) | 1541 (70.2) | 654 (29.8) | 2196        |