

Table 1 Monthly number of mosquito immature stages collected from six representative larval habitats from Kassala town, eastern Sudan during the short rainy season 2016

| Month     | <i>Anopheles</i> |       | <i>Culex</i>    |        |       | Total No. of mosquitoes |       |
|-----------|------------------|-------|-----------------|--------|-------|-------------------------|-------|
|           | Larvae           | Pupae | Total           | Larvae | Pupae |                         | Total |
| September | 1250<br>(6.94)   | 127   | 1377<br>(7.65)  | 36     | 0     | 36<br>(0.20)            |       |
| October   | 1694<br>(9.41)   | 57    | 1751<br>(9.73)  | 1      | 0     | 1<br>(0.01)             |       |
| November  | 1782<br>(11.88)  | 73    | 1855<br>(12.37) | 0      | 0     | 0<br>(0.00)             |       |
| Total     | 4726             | 257   | 4983            | 37     | 0     | 37                      | 5020  |
| Total%    |                  |       | 99.26%          |        |       | 0.74%                   | 100%  |
| P. value  |                  |       | 0.050           |        |       | 0.003                   |       |

Note: P. value based on ANOVA-one way test; Number between brackets represents the density of aquatic stages per dip