

# 1 Number of produced eggs per Anopheles female

Data with regard to the number of produced eggs per *Anopheles* female.

Columns: country: country where the study was undertaken; place: location of the study site; long: longitude of the study site (-999.00: position is either unknown or was not sought out); lat: latitude of the study site (-99.00: position is either unknown or was not sought out); M1: month, when the study started; YYYY1: year of the start of the study; M2: month, when the study ended; YYYY2: year of the end of the study;  $\#E_{p,ave}$ : average number of produced eggs per female mosquito;  $\#E_{p,min}$ : minimum observed number of produced eggs;  $\#E_{p,max}$ : as  $\#E_{p,min}$ , but for the maximum; species: involved mosquito species; notes: notes; ref: reference. The '#' stands for 'number'.  $y$  denotes the number of produced eggs and  $x$  stands for the wing length (in mm). Minimum and maximum values refer to individual analysed mosquito females. The '-8' denotes data that were not available in the literature and that could not be checked due to limited access, respectively. Indices: <sup>†</sup>: the position of the study site was found in the reference.

| country     | place                   | long<br>[°E] | lat [°N]          | M1 | YYYY1 | M2 | YYYY2 | $\#E_{p,ave}$ | $\#E_{p,min}$ | $\#E_{p,max}$ | species                 | notes                                                                                                                                                                                                              | ref |
|-------------|-------------------------|--------------|-------------------|----|-------|----|-------|---------------|---------------|---------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Egypt       | Faiyum                  | -999.00      | -99.00            | 10 | 1983  | -8 | -8    | -8.0          | 11.0          | 141.0         | <i>An. sergentii</i>    | laboratory                                                                                                                                                                                                         | [1] |
| Egypt       | Tersa                   | -999.00      | -99.00            | 10 | 1990  | 11 | 1990  | 73.3          | -8.0          | -8.0          | <i>An. pharoensis</i>   | laboratory; # of eggs per female; constant temperatures (25 ± 2°C);<br>$y = 73.3 \pm 16.9$                                                                                                                         | [2] |
| Egypt       | Tersa                   | -999.00      | -99.00            | 10 | 1990  | 11 | 1990  | 209.2         | -8.0          | -8.0          | <i>An. pharoensis</i>   | laboratory; # of eggs per female; cycling temperatures;<br>$y = 209.2 \pm 36.8$                                                                                                                                    | [2] |
| Egypt       | Tersa                   | -999.00      | -99.00            | 10 | 1990  | 11 | 1990  | 75.0          | -8.0          | -8.0          | <i>An. multicolor</i>   | laboratory; # of eggs per female; constant temperatures (25 ± 2°C);<br>$y = 75.0 \pm 15.8$                                                                                                                         | [2] |
| Egypt       | Tersa                   | -999.00      | -99.00            | 10 | 1990  | 11 | 1990  | 164.8         | -8.0          | -8.0          | <i>An. multicolor</i>   | laboratory; # of eggs per female; cycling temperatures;<br>$y = 164.8 \pm 61.5$                                                                                                                                    | [2] |
| El Salvador | around Lake Apastepeque | -999.00      | -99.00            | 06 | 1971  | 09 | 1972  | 120.0         | -8.0          | -8.0          | <i>An. albimanus</i>    | -                                                                                                                                                                                                                  | [3] |
| Gambia, The | Kaba Kamma              | -999.00      | -99.00            | 07 | 1993  | 08 | 1993  | -8            | 20.0          | 180.0         | <i>An. gambiae.s.s.</i> | laboratory; # of laid and retained eggs; indoor resting females;<br>$y = 46.67x - 56.7$ , $x$ range: 2.5-3.3 mm                                                                                                    | [4] |
| Gambia, The | Kaba Kamma              | -999.00      | -99.00            | 07 | 1993  | 08 | 1993  | -8            | 5.0           | 160.0         | <i>An. arabiensis</i>   | laboratory; # of laid and retained eggs; indoor resting females;<br>$y = 66.72x - 125.68$ ; $x$ range: 2.7-3.3 mm                                                                                                  | [4] |
| Tanzania    | Kilimanjaro region      | -999.00      | -99.00            | -8 | -8    | -8 | -8    | 12.6          | -8.0          | -8.0          | <i>An. gambiae.s.s.</i> | laboratory; # of mature oocytes; small females; blood meal size: 1.0 µl                                                                                                                                            | [5] |
| Tanzania    | Kilimanjaro region      | -999.00      | -99.00            | -8 | -8    | -8 | -8    | 108.6         | -8.0          | -8.0          | <i>An. gambiae.s.s.</i> | laboratory; # of mature oocytes; large females; blood meal: rat once                                                                                                                                               | [5] |
| Tanzania    | Michenga                | 36.63        | 8.17 <sup>†</sup> | -8 | 1991  | -8 | 1991  | 150.0         | 66.0          | 290.0         | <i>An. gambiae.s.l.</i> | laboratory; # of laid and retained eggs; indoor resting females;<br>$y = 133.93x - 187.00$ (note: the value of the y-intercept disagrees with the inserted line in Fig. 3 in the reference); $x$ range: 2.5-3.3 mm | [6] |
| Tanzania    | Michenga                | 36.63        | 8.17 <sup>†</sup> | -8 | 1991  | -8 | 1991  | 111.0         | 48.0          | 178.0         | <i>An. gambiae.s.l.</i> | laboratory; # of laid and retained eggs; newly emerged females;<br>$y = 89.13x - 152.96$                                                                                                                           | [6] |

## References

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