

Table 3 Mean, standard error and sample size of 14 morphometric fore leg, mid leg and hind leg characters of females *An. arabiensis* and *An. gambiae*

Character	Fore leg			Mid Leg			Hind Leg		
	<i>An. arabiensis</i>	<i>An. gambiae</i>	P-value	<i>An. arabiensis</i>	<i>An. gambiae</i>	P-value	<i>An. arabiensis</i>	<i>An. gambiae</i>	P-value
Coxa	0.29 ±0.004 (42)	0.30 ±0.003 (31)	P>0.05	0.18 ±0.003 (42)	0.18 ±0.003 (35)	P>0.05	0.28 ±0.003 (43)	0.27 ±0.005 (31)	P>0.05
Trochanter	0.18 ±0.03 (43)	0.17 ±0.004 (32)	P>0.05	0.12 ±0.002 (43)	0.11 ±0.002 (35)	P>0.05	0.12 ±0.002 (43)	0.11 ±0.002 (31)	P>0.05
Femur	1.60 ±0.016 (44)	1.59 ±0.012 (35)	P>0.05	1.93 ±0.020 (45)	1.94 ±0.019 (32)	P>0.05	2.00 ±0.020 (44)	2.01 ±0.019 (33)	P>0.05
Tibia	1.93 ±0.019 (44)	1.94 ±0.020 (35)	P>0.05	2.12 ±0.022 (45)	2.14 ±0.021 (32)	P>0.05	2.20 ±0.023 (43)	2.20 ±0.019 (33)	P>0.05
Tarsus	2.72 ±0.029 (44)	2.80 ±0.022* (33)	P<0.05	3.25 ±0.035 (42)	3.30 ±0.027 (31)	P>0.05	5.12 ±0.059 (40)	5.15 ±0.054 (28)	P>0.05
Leg Length	6.73 ±0.068 (41)	6.77 ±0.062 (29)	P>0.05	7.61 ±0.083 (39)	7.65 ±0.062 (31)	P>0.05	9.73 ±0.108 (37)	9.75 ±0.099 (26)	P>0.05
t1	1.42 ±0.015 (44)	1.46 ±0.014* (34)	P<0.05	1.55 ±0.018 (42)	1.58 ±0.012 (32)	P>0.05	2.51 ±0.033 (42)	2.53 ±0.025 (32)	P>0.05
t2	0.54 ±0.007 (44)	0.55 ±0.005 (34)	P>0.05	0.69 ±0.009 (45)	0.71 ±0.008 (32)	P>0.05	1.03 ±0.012 (43)	1.05 ±0.012 (31)	P>0.05
t3	0.37 ±0.005 (44)	0.38 ±0.004 (34)	P>0.05	0.51 ±0.006 (45)	0.51 ±0.006 (32)	P>.05	0.80 ±0.010 (43)	0.80 ±0.010 (29)	P>0.05
t4	0.22 ±0.003 (44)	0.23 ±0.002* (33)	P<0.05	0.31 ±0.004 (45)	0.32 ±0.003 (32)	P>0.05	0.52 ±0.007 (41)	0.53 ±0.007 (28)	P>0.05
t5	0.17 ±0.002 (44)	0.18 ±0.002 (33)	P>0.05	0.18 ±0.002 (45)	0.18 ±0.003 (31)	P>0.05	0.24 ±0.003* (41)	0.25 ±0.002 (28)	P<0.05
t1-t2	0.19 ±0.003 (44)	0.18 ±0.005 (33)	P>0.05	0.09 ±0.003 (42)	0.09 ±0.004 (26)	P>0.05	0.09 ±0.003 (42)	0.08 ±0.004 (29)	P>0.05
t2-t3	0.17 ±0.002 (43)	0.17 ±0.005 (33)	P>0.05	0.09 ±0.002* (41)	0.07 ±0.004 (26)	P<0.05	0.08 ±0.002* (41)	0.07 ±0.003 (28)	P<0.05
t3-t4	0.04 ±0.001 (42)	0.04 ±0.001 (31)	P>0.05	0.09 ±0.022 (38)	0.06 ±0.003 (24)	P>0.05	0.07 ±0.002 (42)	0.07 ±0.003 (28)	P>0.05

Note: Measurements are in (mm). Numbers between parentheses are sample sizes. P-values are based on t-test. t1-t5= Tarsomere 1-5. t1-t2= Pale band at the joint of tarsomeres 1 and 2. t2-t3= Pale band at the joint of tarsomeres 2 and 3. t3-t4= Pale band at the joint of tarsomeres 3 and 4 *Significantly larger character