

Table 1 Mean, standard error and sample size of 2 antenna and 11 palp morphometric characters of females *An. arabiensis* and *An. Gambiae*

Mosquito body part	Character	<i>An. arabiensis</i>	<i>An. gambiae</i>	P-value
Antenna	Flagellum	1.35±0.011 (37)	1.34±0.010 (21)	P>0.05
	No. co	26±0.000 (21)	26±0.000 (19)	P>0.05
Palp	Segment I	0.11 ±0.006 (17)	0.10 ±0.005 (12)	P>0.05
	Segment II	0.70±0.010 (19)	0.69±0.009 (13)	P>0.05
	Segment III	0.73±0.007* (51)	0.71±0.006 (31)	P<0.05
	Segment IV	0.34±0.004* (52)	0.32±0.004 (31)	P<0.05
	Segment V	0.21 ±0.003 (51)	0.20 ±0.003 (31)	P>0.05
	Palp length	2.06±0.029 (17)	2.02±0.028 (12)	P>0.05
	Palpal index	0.75±0.004 (50)	0.74±0.007 (31)	P>0.05
	Apical pale spot	0.25±0.004 (50)	0.26±0.003 (30)	P>0.05
	Median pale spot	0.07±0.002 (47)	0.06±0.002 (29)	P>0.05
	Basal pale spot	0.07±0.002* (48)	0.06±0.003 (31)	P<0.05
	No. of pale spots	3±0.000 (47)	3±0.000 (29)	P>0.05

Note: Measurements are in (mm) except for number of coeloconic sensillae on antennal segment (No. co), palpal index and number of pale spots on palpus. Numbers between parentheses are sample sizes. P-values are based on t-test. *Significantly larger character