

Table 3 Range of physicochemical parameters of rock pools supportive of anopheline mosquitoes breeding on inselbergs in Kaduna State, Nigeria

Species	Physicochemical parameters												
	Depth(cm)	Surface Area (m2)	Temperatur e (°C)	pH	TDS (ppm)	EC (µs/cm)	TSS (mg/l)	HARD (mg/l)	COD (mg/l)	PO ₄ ⁻³ (mg/l)	NO ⁻³ (mg/l)	ALKA (mg/l)	TURB (NTU)
<i>Anopheles gambiae s.l.</i>	2.0-65.0 (13.52 ±2.31) ^b	5.5-1970 (130.9 ±65.1) ^b	22.8-36.3	8.89-12.12 (10.71±0.17) ^a	4-272 (59.9±17.82) ^a	11-572 (123.2±37.2) ^a	10-150 (76.7±21.1) ^a	70-404 (212±1.96) ^a (45.02±28.04) ^a	80-430 (340±54.16) ^a	0.3-11.1 (5.31±1.91) ^a	2.9-109.4 (40.47±15.72) ^a	14-83 (44±9.28) ^a	2.3-178
<i>Anopheles longipalpis</i>	2.0 ^c	100 ^c	29.8	10.79 ^a	0 ^a	93 ^a	ND	ND	ND	ND	ND	ND	ND
<i>Anopheles pretoriensis</i>	4.2-6.2 (5.2 ±1.0) ^c	27.9-150 (88.95 ±61.1) ^c	28.1-28.5	11.45-11.71 (11.58 ±0.13) ^a	0 ^a	0 ^a	ND	ND	ND	ND	ND	ND	ND
<i>Anopheles rufipes</i>	6.2-15.0 (9.73 ±2.67) ^c	4-372 (175.3 ±107) ^c	27.4-30.3	9.65-11.45 (10.81 ±0.58) ^a	0 ^a	0 ^a	20 ^a	141.4 ^a	120 ^a	0.33 ^a	22.6 ^a	19 ^a	23.9 ^a

Note: Values in the table are mean ± standard error of the means. Means followed by the same superscript letter are not significantly different at $\alpha = 0.05$, ND means Not determined