

Table 2 Diversity indices of Mosquitoes collected from Theni district during July 2015 – December 2015

S. No	Name of the genera	$f_i$	$f_i \log f_i$	Pi	Pi log Pi	Shannon-Weiner diversity index $H = (N \log N - \sum f_i \log f_i/N)$ (or) $-\sum (P_i \log P_i)$	Simpson's dominance index $C = (n_i/N)^2$
1	<i>Aedes</i>	362	926.25	0.2952	-0.1564	0.1564	0.0871
2	<i>Anopheles</i>	336	848.84	0.2740	-0.1540	0.1540	0.0751
3	<i>Culex</i>	437	1153.89	0.3564	-0.1596	0.1596	0.1270
4	<i>Uranotaenia</i>	42	68.17	0.0342	-0.0501	0.0501	0.0011
5	<i>Armigeres</i>	35	54.04	0.0285	-0.0440	0.0440	0.0008
6	<i>Ochlerotatus</i>	7	5.91	0.0057	-0.0127	0.0127	0.0000
7	<i>Orthopodomyia</i>	7	5.91	0.0057	-0.0127	0.0127	0.0000
<b>Total</b>		<b>1226</b>	<b>3063.01</b>	<b>0.9997</b>	<b>-0.5895</b>	<b>0.5895</b>	<b>0.2911</b>