

Table 1 Efficacy of different extracts and fractions of species of plants against larvae of *Aedes aegypti* and *Culex quinquefasciatus*

Species	Extracts and fractions	<i>Aedes aegypti</i>		<i>Culex quinquefasciatus</i>	
		LC ₅₀ ± SE (fiducial limits)		LC ₅₀ ± SE (fiducial limits)	
		µg.mL ⁻¹		µg.mL ⁻¹	
		24 h	48 h	24 h	48 h
<i>Astrocaryum aculleatum</i>	Metanol extract of pulp	500.0 ± 4.3 (430.1 – 651.8)	341.5 ± 4.7 (304.5 – 387.1)	484.1 ± 1.3 (450.4 – 517.7)	37.8 ± 0.7 (12.8 – 62.1)
<i>Oenocarpus bacaba</i>	Methanol extract of seed	408.5 ± 9.8 (346.3 – 460.6)	309.3 ± 2.9 (159.7 – 458.9)	> 500	41.6 ± 0.9 (21.4 – 63.3)
	Metanol extract of pulp	> 500	> 500	> 500	36.5 ± 1.4 (30.5 – 42.9)
	EtOAc fraction of pulp	> 500	297.1 ± 1.6 (147.5 – 446.7)	> 500	31.9 ± 1.4 (18.9 – 43.4)
	Hydroalcoholic fraction of pulp	> 500	263.1 ± 2.7 (181.7 – 370.1)	> 500	32.5 ± 2.6 (28.9 – 36.9)
	Chloroform fraction of pulp	>500	402.0 ± 4.5 (352.8 – 452.3)	277.9 ± 1.6 (245.9 – 310.1)	38.5 ± 1.4 (23.3 – 55.4)
<i>Leopoldinia piassaba</i>	Metanol extract of pulp	>500	288.7 ± 2.8 (141.1 – 438.3)	> 500	45.1 ± 1.4 (1.8 – 92.2)
	Chloroform fraction of pulp	357.9 ± 1.0 (274.4 – 523.4)	198.9 ± 1.3 (108.6 – 388.5)	316.7 ± 0.8 (169.3 – 463.7)	29.7 ± 1.5 (17.3 – 73.7)
	Hydroalcoholic fraction of pulp	> 500	366.0 ± 4.8 (332.9 – 410.5)	> 500	70.9 ± 0.6 (53.3 – 91.8)
	Methanol extract of seed	> 500	393.6 ± 4.5 (345.7 – 441.5)	> 500	48.2 ± 0.6 (13.4 – 89.2)
	Aqueous fraction (wine) pulp	> 500	410.6 ± 4.4 (360.1 – 463.9)	> 500	157.2 ± 0.5 (99.8 – 211.6)
<i>Oenocarpus bataua</i>	Metanol extract of pulp	> 500	353.5 ± 4.2 (313.8 – 398.3)	428.8 ± 0.6 (264.2 – 1074.7)	47.1 ± 0.5 (22.1 – 71.9)
	EtOAc fraction of pulp	> 500	291.3 ± 2.1 (144.1 – 439.1)	> 500	61.2 ± 0.6 (23.5 – 116.3)
	Hydroalcoholic fraction of pulp	> 500	312.5 ± 1.7 (163.5 – 462.2)	172.7 ± 0.5 (150.6 – 219.7)	40.9 ± 0.5 (23.1 – 72.8)
	Methanol extract of seed	> 500	375.9 ± 4.7 (331.1 – 420.9)	> 500	99.8 ± 0.6 (52.8 – 190.8)
<i>Endopleura uchi</i>	Methanol extract of pulp	> 500	365.9 ± 4.8 (322.9 – 410.5)	> 500	139.3 ± 0.6 (47.0 – 231.6)
Control	DMSO/H ₂ O	0	0	0	0