

Sites	Number of collected mosquitoes (n=229)		Number of blood-fed mosquitoes (n=193)		Number of mosquitoes tested for blood meal origin (n=170)		Blood meal source in <i>An. gambiae</i> sister taxa (n=149)			Blood meal source in <i>An. funestus</i> (n=21)			
	<i>An. gambiae</i> sister taxa	<i>An. funestus</i>	<i>An. gambiae</i> sister taxa	<i>An. funestus</i>	<i>An. gambiae</i> sister taxa	<i>An. funestus</i>	Human	Animal	Mixture	Human	Animal	Mixture	
Cite Jean XXIII	12	0	11	0	10	0	7	3	0	0	0	0	
Dedengue	14	2	12	1	10	1	7	2	1	0	1	0	
Galabadja	13	2	11	1	10	1	9	0	1	0	1	0	
Gbanikola	15	6	12	4	10	4	10	0	0	3	1	0	
Gbaya-dombia	12	3	11	2	10	2	7	3	0	1	1	0	
Gobongo	13	2	11	1	10	1	9	1	0	0	1	0	
Greboutou	13	3	12	2	10	2	8	1	1	2	0	0	
Ile de singe	13	4	12	2	10	2	9	1	0	1	1	0	
Lakouanga	13	1	11	0	10	0	7	2	1	0	0	0	
Malimaka	12	2	11	1	10	1	10	0	0	1	0	0	
PK 10	14	4	12	3	10	3	8	2	0	1	2	0	
Saïdou	12	2	12	1	10	1	9	1	0	0	1	0	
Taoka St Paul	14	4	12	2	10	2	9	1	0	2	0	0	
Yakite	11	1	11	1	10	1	7	2	1	0	1	0	
Yamangala	10	2	9	2	9	0	6	2	1	0	0	0	
Total	191	38	170	23	149	21	122	21	6	11	10	0	
Human blood index (%)							81.8%				52.3%		

Additional File 3: Anophelines collected by Pyrethrum Spray Catch (PSC) in 15 districts of Bangui (September-November 2013). Blood-fed females were identified and blood meal origin was determined by enzyme-linked immunosorbent assay (ELISA).