

Table 2: Number of non-fed (U), blood-fed (B) and gravid (G) female sand flies, captured in the two sampling periods (June and October 2015) in both localities, El Borouj (ACL endemic) and Sidi Hajjaj (ACL free). *Phlebotomus chabaudi*, *Phlebotomus alexandri*, *Phlebotomus duboscqi*, *Sergentomyia antenata* and *Sergentomyia dreyfussi* were caught in low numbers in El Borouj and were absent in Sidi Hajjaj; *P. duboscqi* and *S. antenata* females have not been captured. Only two females of *P. langeroni* and 1 of *P. bergeroti* were captured in Sidi Hajjaj, and 11 of *P. bergeroti* in El Borouj. These species have not been included in the table but the number of specimens captured is included in the total of El Borouj. NF = number of captured females, D = density (No. of females / No. of CDC traps / night or No. of females / area in m² in case of adhesive traps), A = relative abundance (representative percentage of each species of the total captured specimens). J= June, O= October.

		El Borouj												Sidi Hajjaj											
		Capture intradomiciliary						Capture peridomiciliary						Capture intradomiciliary						Capture peridomiciliary					
		J			O			J			O			J			O			J			O		
Number of stations		7			46			35			44			4			9			10			18		
Number of traps		14 CDC			69 CDC			693.3 ST (85.9 m²)			381.6 ST (47.3m²)			8 CDC			11 CDC			133 ST (16.5 m²)			309.8 ST (38.4 m²)		
Species		U	B	G	U	B	G	U	B	G	U	B	G	U	B	G	U	B	G	U	B	G	U	B	G
<i>P. sergenti</i>	NF	71	25	67	44	24	55	50	18	24	13	18	11	34	9	15	0	1	2	0	1	3	2	5	12
	D	5.07	1.79	4.79	0.64	0.35	0.80	0.58	0.21	0.28	0.27	0.38	0.23	4.25	1.13	1.88	0.00	0.09	0.18	0.00	0.06	0.18	0.05	0.13	0.31
	A	20.70	7.29	19.53	21.57	11.76	26.96	9.28	3.34	4.45	1.68	2.33	1.42	47.89	12.68	21.13	0.00	10.00	20.00	0.00	9.09	27.27	0.76	1.90	4.56
<i>P. longicuspis</i>	NF	141	13	4	21	10	3	2	3	1	0	0	0	10	2	0	2	2	2	0	0	0	1	2	1
	D	10.07	0.93	0.29	0.30	0.14	0.04	0.02	0.03	0.01	0.00	0.00	0.00	1.25	0.25	0.00	0.18	0.18	0.18	0.00	0.00	0.00	0.03	0.05	0.03
	A	41.11	3.79	1.17	10.29	4.90	1.47	0.37	0.56	0.19	0.00	0.00	0.00	14.08	2.82	0.00	20.00	20.00	20.00	0.00	0.00	0.00	0.38	0.76	0.38
<i>P. perniciosus</i>	NF	7	3	2	2	1	1	4	1	1	5	2	4	0	1	0	0	0	0	0	0	0	3	4	3
	D	0.50	0.21	0.14	0.03	0.01	0.01	0.05	0.01	0.01	0.11	0.04	0.08	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.10	0.08	
	A	2.04	0.87	0.58	0.10	0.05	0.05	0.74	0.19	0.19	0.65	0.26	0.52	0.00	1.41	0.00	0.00	0.00	0.00	0.00	0.00	1.14	1.52	1.14	
<i>P. papatasi</i>	NF	0	2	5	9	5	2	18	6	5	17	13	8	0	0	0	0	0	0	0	0	0	2	0	5
	D	0	0.14	0.36	0.13	0.07	0.03	0.21	0.07	0.06	0.36	0.27	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.13	
	A	0	0.58	1.46	4.41	2.45	0.98	3.34	1.11	0.93	2.20	1.68	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	1.90	
<i>S. minuta</i>	NF	1	0	0	4	1	0	280	11	22	390	8	7	0	0	0	0	0	0	6	0	1	206	6	8
	D	0.07	0.00	0.00	0.06	0.01	0.00	3.26	0.13	0.26	8.25	0.17	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.06	5.37	0.16	0.21
	A	0.29	0.00	0.00	1.96	0.49	0.00	51.95	2.04	4.08	50.39	1.03	0.90	0.00	0.00	0.00	0.00	0.00	0.00	54.55	0.00	9.09	78.33	2.28	3.04
<i>S. fallax</i>	NF	1	0	0	11	1	0	86	1	5	262	4	8	0	0	0	0	0	0	0	0	0	1	0	0
	D	0.07	0.00	0.00	0.16	0.01	0.00	1.00	0.01	0.06	5.54	0.08	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0	0	
	A	0.29	0.00	0.00	5.39	0.49	0.00	15.96	0.19	0.93	33.85	0.52	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0	0	
Total U, B and G females	NF	222	43	78	98	43	63	440	40	59	691	45	38	44	12	15	3	3	4	6	1	4	216	18	29
	D	15.86	3.07	5.57	1.02	0.45	0.66	5.12	0.47	0.69	14.61	0.95	0.80	5.50	1.50	1.88	0.27	0.27	0.36	0.36	0.06	0.24	5.63	0.47	0.76
	A	64.72	12.54	22.74	48.04	21.08	30.88	81.63	7.42	10.95	89.28	5.81	4.91	61.97	16.90	21.13	30.00	30.00	40.00	54.55	9.09	36.36	82.13	6.84	11.03
Total females	NF	343			204			539			774			71			10			11			263		
	D	24.50			2.96			6.28			16.37			8.88			0.91			0.67			6.85		
	A	100			100			100			100			100			100			100			100		