

Appendix C. DNASP analyses of cytochrome b sequences

Species	Populations	sequences n	segregating sites S	haplotypes h	Haplotype diversity Hd	Nucleotide diversity Pi	K2P distances			Average number of differences K
							Min	Mean	Max	
<i>Eidolon helvum</i>	West Africa	11	120	10	0.98182	0.00766	0	0.77	1.24	8.73
	Central + SE Africa	77	35	66	0.99487	0.00784	0	0.79	2.15	8.94
	TOTAL	88	128	75	0.99556	0.0078	0	0.79	2.15	8.89
<i>Epomophorus gambianus</i>	West Africa	11	13	7	0.90909	0.00338	0	0.34	0.53	3.85
	Central Africa	24	48	14	0.93841	0.0098	0	0.99	1.96	11.18
	TOTAL	35	55	21	0.96303	0.00944	0	0.95	1.96	10.76
<i>Epomops buettikoferi</i>	West Africa	59	47	35	0.92285	0.00268	0	0.27	0.97	3.06
<i>Epomops franqueti</i>	West Africa	8	11	8	1	0.00273	0.09	0.27	0.44x	3.11
	Central Africa	140	119	83	0.98726	0.00652	0	0.66	1.69	7.43
	TOTAL	148	141	91	0.9886	0.00876	0	0.89	3.44	9.99
<i>Hypsognathus monstrosus</i>	West Africa	14	33	11	0.96703	0.00583	0	0.59	1.06	6.65
	Central Africa	62	87	45	0.97462	0.00443	0	0.45	1.42	5.05
	TOTAL	76	102	55	0.9814	0.00474	0	0.48	1.42	5.40
<i>Micropteropus pusillus</i>	West Africa	4	9	4	1	0.00453	0.09	0.46	0.71	5.17
	Central Africa	173	183	91	0.97869	0.01722	0	1.78	6.04	19.63
	TOTAL	177	185	94	0.97958	0.01706	0	1.76	6.04	19.44
<i>Nanonycteris veldkampii</i>	West Africa	25	45	17	0.92333	0.00449	0	0.45	1.69	5.12
	Central Africa	2	0	1	0	0.0000	0	0.00	0.00	0.00
	TOTAL	27	45	17	0.89174	0.00417	0	0.42	1.69	4.75
<i>Rousettus aegyptiacus</i>	West Africa	26	63	25	0.99692	0.00777	0	0.78	1.88	8.86
	Central Africa	15	60	15	1	0.00971	0.26	0.98	1.78	11.07
	Southeastern Africa	5	39	5	1	0.01789	0.35	1.83	2.80	20.40
	Mediterranean Region	5	4	4	0.9	0.00158	0	0.16	0.26	1.80
	TOTAL	51	126	48	0.99765	0.01194	0	1.21	3.17	13.62

Gene flow estimates

Species	Population 1	Population 2	Fst	GammaSt
<i>Eidolon helvum</i>	Central Africa	West Africa	0	0.0095
<i>Hypsognathus monstrosus</i>	Central Africa	West Africa	0.03017	0.02594
<i>Rousettus aegyptiacus</i>	Central Africa	West Africa	0	0.02377
	Central Africa	southeastern Africa	0.28398	0.21522
	Central Africa	Mediterranean Region	0.68361	0.40062
	West Africa	southeastern Africa	0.30718	0.19399
	West Africa	Mediterranean Region	0.73768	0.36001
Central Africa	southeastern Africa	Mediterranean Region	0.58889	0.50502
<i>Nanonycteris veldkampii</i>	Central Africa	West Africa	0.02967	0.00542
<i>Epomops in West Africa</i>	West Africa	Central Africa	0.83816	0.65113
	<i>E. buettikoferi</i>	<i>E. franqueti</i>	0	0.00807
<i>Epomops franqueti</i>	Central Africa	West Africa	0.83714	0.28151
<i>Epomophorus gambianus</i>	Central Africa	West Africa	0.36137	0.19214
<i>Micropteropus pusillus</i>	Central Africa	West Africa	0.20841	0.00906