

Appendix A. Characteristics of 60 primate species taken from the literature. The presence or absence of copulatory plugs and penile spines/papillae are noted with "Yes" or "No". * indicates that testes mass calculations were converted from volumetric measurements.

Taxon	Dimorphism	Mating system	Copulatory plug	Mass of testes (g)	♂ body mass (kg)	Penile spines	♀ receptivity (days)
Haplorrhini							
Aotidae							
<i>Aotus trivirgatus</i>	0.92	Pair living				No	16
Atelidae							
<i>Alouatta caraya</i> *	1.48	Multi-♂/♀ groups	No	18.37	6.42		
<i>Ateles paniscus</i>	1.14	Multi-♂/♀ groups				No	9
<i>Ateles geoffroyi</i>	1.01	Multi-♂/♀ groups	Yes	64.23	9.80		
<i>Brachyteles arachnoides</i>	1.00	Multi-♂/♀ groups	Yes				2
Cebidae							
<i>Calithrix jacchus</i>	1.07	Pair living	No	1.30	0.32	No	16
<i>Cebuella pygmaea</i>	0.90	Pair living				Yes	
<i>Cebus appella</i>	1.36	Multi-♂/♀ groups	No	9.10	4.80	No	5.5
<i>Cercocebus atys</i>	1.85	Multi-♂/♀ groups	No	25.10	8.68		
<i>Leontopithecus rosalia</i>	1.02	Cooperative breeding	Yes	1.48	0.55	Yes	4
<i>Saimiri oerstedti</i>	1.20	Multi-♂/♀ groups	Yes				3
<i>Samiri boliviensis</i>	1.28	Multi-♂/♀ groups	Yes				
<i>Samiri sciurea</i>	1.29	Multi-♂/♀ groups	Yes	3.17	0.78	Yes	2
<i>Sanguinus fuscicollis</i>	0.96	Polyandrous		1.53	0.40	No	10
<i>Saguinus oedipus</i>	1.03	Polyandrous	No			No	23
Cercopithecidae							
<i>Cercopithecus aethiops</i>	1.33	Multi-♂/♀ groups	No	15.80	5.12	No	10
<i>Cercopithecus mitis</i>	1.73	Harem	No				4.5
<i>Erythrocebus patas</i>	1.79	Harem	No	7.20	13.00	No	12
<i>Macaca arctoides</i>	1.21	Multi-♂/♀ groups	Yes	48.20	10.51		29
<i>Macaca fuscata</i>	1.29	Multi-♂/♀ groups	No	72.30	15.40		11
<i>Macaca mulatta</i>	1.37	Multi-♂/♀ groups	No	61.10	9.81		9
<i>Macaca nigra</i>	1.70	Multi-♂/♀ groups	Yes				
<i>Macaca nemestrina</i>	1.33	Multi-♂/♀ groups	Yes	66.70	9.98		

Appendix A (continued)

Taxon	Dimorphism	Mating system	Copulatory plug	Mass of testes (g)	♂ body mass (kg)	Penile spines	♀ receptivity (days)
<i>Macaca silenus</i>	1.36	Multi-♂/♀ groups	No	42.00	5.90		18
<i>Mandrillus leucophaeus</i>	1.70	Harem	No	41.05	20.00		
<i>Mandrillus sphinx</i>	3.40	Harem	No	63.43	23.45	No	
<i>Miopithecus talapoin</i>	1.40	Multi-♂/♀ groups	No	5.2	1.35	No	11
<i>Papio anubis</i>	1.75	Multi-♂/♀ groups	No	78.42	26.40		17.5
<i>Papio cynocephalus</i>	1.77	Multi-♂/♀ groups	No	52.00	24.32		
<i>Papio hamadryas</i>	1.75	Multi-♂/♀ groups	No	49.70	22.19	No	22
<i>Papio ursinus</i>	1.97	Multi-♂/♀ groups	No	67.52	20.40		
<i>Procolobus verus</i>	1.12	Multi-♂/♀ groups	Yes			Yes	
<i>Theropithecus gelada</i>	1.51	Multi-♂/♀ groups	No	21.5	20.40	No	9
Hominidae							
<i>Gorilla gorilla</i>	1.95	Harem	No	29.60	169.00	No	
<i>Pan paniscus</i>	1.36	Multi-♂/♀ groups	Yes	135.20	39.10		15
<i>Pan troglodytes</i>	1.34	Multi-♂/♀ groups	Yes	118.80	44.34	Yes	14
<i>Pongo pygmaeus</i>	1.89	Resource defense polygyny	No	35.30	74.64	No	31
Hylobatidae							
<i>Hylobates lar</i>	1.08	Pair living	No	5.50	5.50	Yes	4
Tarsiidae							
<i>Tarsius bancanus</i> *	1.09	Dispersed / polygyny		0.71	0.12	Yes	1
<i>Tarsius syrichta</i> *	1.00	Dispersed / polygyny	Yes	0.72	0.14		
Strepsirrhini							
Galagidae							
<i>Galago alleni</i>	0.81	Dispersed / polygyny	Yes	1.60	0.31	Yes	
<i>Galago senegalensis</i>	1.14	Dispersed / polygyny	Yes	1.66	0.22	Yes	2
<i>Otolemur crassicaudatus</i>	1.13	Dispersed / polygyny	Yes	13.32	1.55	Yes	6
Lorisidae							
<i>Arctocebus calabarensis</i>	1.03	Dispersed / polygyny	Yes			Yes	1
<i>Loris tardigradus</i>	1.12	Dispersed / polygyny	Yes	1.92	0.28	Yes	2
<i>Nycticebus coucang</i>	1.08	Dispersed / polygyny	Yes	3.13	1.24	Yes	2
<i>Nycticebus pygmaeus</i>	1.08	Dispersed / polygyny	Yes	4.25	0.45		
<i>Perodicticus potto</i>	0.94	Dispersed / polygyny	Yes	6.61		Yes	2

Appendix A (continued)

Taxon	Dimorphism	Mating system	Copulatory plug	Mass of testes (g)	♂ body mass (kg)	Penile spines	♀ receptivity (days)
Cheirogaleidae							
<i>Cheirogaleus major</i>	1.00	Dispersed / polygyny	Yes	2.30	0.34	Yes	3
<i>Cheirogaleus medius</i> *	1.00	Dispersed / polygyny	Yes	1.12	0.22	Yes	1
<i>Microcebus murinus</i>	1.02	Dispersed / polygyny	Yes	2.49	0.08	Yes	1
<i>Microcebus rufus</i> *	1.02	Dispersed / polygyny	Yes	2.90	0.04		1
<i>Mirza coquereli</i> *	1.00	Dispersed / polygyny	Yes	7.19	0.31		1
Daubentoniidae							
<i>Daubentonia madagascariensis</i>	1.00	Dispersed / polygyny	Yes			Yes	3
Indriidae							
<i>Propithecus coquerelli</i>	1.00	Multi-♂/♀ groups	Yes			Yes	1
<i>Propithecus edwardsi</i> *	1.00	Multi-♂/♀ groups	Yes (1 observation)	8.21	5.47	Yes	1
<i>Propithecus verreauxi</i> *	1.06	Multi-♂/♀ groups	Yes	3.24	5.78	Yes	1
Lemuridae							
<i>Eulemur fulvus</i>	1.04	Multi-♂/♀ groups	Yes	7.78	2.50	Yes	2
<i>Eulemur macaco</i>	1.01	Multi-♂/♀ groups				Yes	
<i>Haplemur griseus</i>	1.00	Pair living				Yes	
<i>Lemur catta</i> *	1.00	Multi-♂/♀ groups	Yes	17.80	2.70	Yes	1
<i>Varecia variegata</i> *	0.96	Multi-♂/♀ groups	Yes	22.00	4.11	No	1