This is an electronic appendix to the paper by Krüger & Davies 2002 The evolution of cuckoo parasitism: a comparative analysis. *Proc. R. Soc. Lond.* B **269**, 375-381.

Electronic appendices are refereed with the text. However, no attempt has been made to impose a uniform editorial style on the electronic appendices.

Appendix A. Raw data for the 136 cuckoo species used in the analyses. Abbreviations are: BS = breeding strategy, BW = body weight, BZ = body size, ES = egg size, SD = sexual plumage dimorphism, PH = parasite-host mass ratio, HS = host specialisation degree, D = diet type, H = habitat, HP = habitat productivity, SL = breeding season length, MP = migration pattern, RS = breeding range size and PS = population status. Genera names follow Hughes (2000) and the species sequence Payne (1997).

Species	BS	BW	BZ	ES	SD	PH	HS	D	H	HP	SL	MP	RS	PS
Oxylophus jacobinus serratus	3.0	72.0	34.	27.	0	2.2	4	3.0	1.0	500	3.0	3.0	6.50	6
Oxylophus jacobinus	3.1	66.0	34.	24.	0	1.1	3	3.0	1.0	500	3.0	3.0	7.30	6
Oxylophus levaillantii	3.1	124.	39.	26.	0	1.6	4	3.0	2.0	550	6.0	3.0	7.50	6
Clamator coromandus	3.1	77.0	46.	27.	0	0.9	4	3.0	3.0	600	5.0	2.5	6.78	5
Clamator glandarius	3.2	124.	37.	33.	0	0.3	3	4.5	1.0	500	2.0	2.0	7.05	5
Pachycoccyx audeberti	3.3	115.	36.	24.	0	4.1	4	3.0	1.5	450	5.0	0.0	6.91	4
Cuculus crassirostris			34.		0			3.0	3.0	700		0.0	4.97	5
Cuculus sparverioides		150.	39.	27.	0	2.7	4	2.5	2.0	600	2.0	2.0	6.79	7
Cuculus varius	3.3	104.	33.	27.	0	1.4	4	3.6	2.0	550	4.0	0.0	6.60	6
Cuculus vagans		56.0	26.		0		4	3.0	2.5	700	3.0	0.0	6.19	5
Cuculus fugax	3.3	83.0	29.	24.	0	5.8	4	2.5	2.5	550	4.0	2.0	6.95	5
Cuculus pectoralis		80.0	28.		0			2.5	3.0	700		0.0	5.43	5
Cuculus solitarius	3.3	75.0	31.	22.	1	2.8	4	3.7	2.0	650	4.0	2.0	7.11	6
Cuculus clamosus	3.3	85.0	31.	25.	1	1.7	4	5.5	2.0	600	2.0	2.0	7.08	6
Cuculus micropterus	3.3	119.	32.	25.	2	2.7	3	2.5	2.0	550	5.0	1.0	7.01	7
Cuculus canorus	3.3	115.	32.	23.	2	7.1	1	3.0	2.0	175	2.0	4.0	7.69	6
Cuculus gularis	3.3	110.	32.	25.	3	1.5	4	3.0	1.0	600	4.0	3.0	7.06	7
Cuculus saturatus	3.3	90.6	29.	21.	2	11.	2	2.5	2.0	550	2.0	2.5	6.57	6
Cuculus horsfieldi	3.3	99.0	31.	22.	2	7.1	2	3.0	2.0	150	2.0	4.0	7.21	6
Cuculus poliocephalus		52.0	25.	21.	1	3.3	3	3.0	2.0	400	3.0	4.0	6.69	7
Cuculus rochii		64.0	26.	18.	0	7.8	4	3.0	2.0	450	7.0	3.0	5.76	6
Cuculus pallidus	3.3	82.0	31.	25.	0	3.4	1	3.0	1.0	200	4.0	2.0	6.88	6
Cercococcyx mechowi	3.3	55.0	32.	23.	0	5.7	4	2.6	3.0	700	3.0	0.0	6.33	5
Cercococcyx olivinus	3.3	65.0	33.	23.	0	6.5	4	3.0	3.0	700	3.0	0.0	6.17	5
Cercococcyx montanus	3.3	54.0	33.	21.	0	2.9	4	3.0	3.0	650	4.0	0.0	6.10	5
Penthoceryx sonneratii	3.3	37.0	22.	18.	0	3.6	4	3.0	2.5	650	6.0	0.0	6.84	7
Cacomantis merulinus	3.3	23.5	20.	18.	1	3.0	3	2.5	2.0	650	4.0	0.0	6.92	6
Cacomantis variolosus	3.3	34.0	24.	19.	0	2.7	1	3.5	3.0	650	4.5	0.0	6.65	6
Cacomantis heinrichi			23.		0			3.0	3.0	700		0.0	4.37	2
Cacomantis castaneiventris	3.3	34.0	24.	19.	0	3.9	4	3.0	3.0	700	4.0	0.0	6.02	4

Cacomantis flabelliformis	3.3	44.0	26.	21.	0	3.8	2	3.0	2.0	600	4.5	1.0	6.27	6
Misocalius osculans	3.3	30.0	20.	20.	0	2.3	4	2.0	1.0	225	5.0	1.0	6.82	7
Chalcites basalis	3.3	22.0	17.	18.	0	2.4	2	3.0	1.0	200	3.0	1.0	6.88	6
Chalcites minutillus	3.3	17.0	15.	20.	1	2.5	3	3.0	2.5	700	5.0	1.0	6.41	7
Chalcites lucidus	3.3	23.0	17.	18.	1	2.8	2	3.0	1.5	400	4.0	3.0	6.34	6
Chalcites ruficollis		23.5	16.		1			3.0	3.0	700			5.34	3
Chalcites meyeri		20.0	15.		2			3.0	2.5	700			5.82	2
Chalcites maculatus	3.3	24.0	17.	17.	3	2.6	4	3.0	3.0	400	4.0	1.0	6.47	4
Chalcites xanthorhynchus	3.3	21.0	16.		4	2.3	4	2.5	2.5	700		0.0	6.61	4
Chrysococcyx flavigularis		30.0	19.		3			2.5	3.0	700		0.0	6.35	5
Chrysococcyx klaas	3.3	26.0	18.	19.	3	2.6	2	3.0	2.0	600	5.5	2.0	7.18	6
Chrysococcyx cupreus	3.3	38.0	20.	20.	3	1.8	2	3.0	2.0	650	5.0	1.0	7.06	7
Chrysococcyx caprius	3.3	32.0	19.	21.	4	1.2	2	4.0	1.0	500	5.0	2.0	7.29	6
Rhamphomantis		31.0	18.		2			3.0	2.5	700			4.99	3
Surniculus lugubris	3.3	35.0	25.	20.	0	1.6	2	2.5	2.5	650	6.0	1.0	6.78	5
Surniculus velutinus		36.0	23.		0			3.0	3.0	700		0.0	5.47	7
Caliechthrus leucolophus		117.	33.		0			2.5	3.0	700			5.77	5
Microdynamis parva		43.0	20.		3			2.0	3.0	700		0.0	5.92	7
Eudynamys scolopacea	3.1	260.	44.	43.	4	0.6	2	2.0	2.0	500	5.0	1.0	6.70	6
Eudynamys sco. cyanocephala	3.3	234.	39.	34.	4	1.7	2	2.0	2.0	500	4.0	3.0	6.17	6
Urodynamys taitensis	3.3	120.	40.	23.	0	6.6	4	5.6	2.0	500	2.0	4.0	5.42	5
Scythrops novaehollandiae	3.1	613.	60.	44.	0	1.2	2	2.0	2.0	550	3.5	3.0	6.39	5
Ceuthmochares aereus	0.0	66.0	33.	30.	0			3.0	3.0	650	3.0	0.0	6.86	6
Rhopodytes diardi	0.0	57.0	38.	30.	0			3.0	3.0	700	2.0	0.0	6.15	6
Rhopodytes sumatranus	0.0	114.	40.	27.	0			3.0	3.0	700	2.0	0.0	6.15	7
Rhopodytes tristis	0.0	115.	50.	34.	0			4.5	3.0	650	4.0	0.0	6.65	7
Rhopodytes viridirostris	0.0	77.0	39.	29.	0			3.6	2.0	550	6.0	0.0	6.14	6
Phaenicophaeus leschenaultii	0.0	174.	43.	36.	0			3.6	2.0	500	3.0	0.0	6.53	3
Rhinorta chlorophaeus	0.0	52.5	32.	33.	3			3.0	2.5	700	4.0	0.0	6.15	6
Phaenicophaeus javanicus	0.0	98.0	42.	29.	0			3.0	2.0	700	3.0	0.0	6.19	5
Rhamphococcyx	0.0		53.	36.	0			3.0	2.0	700	2.0	0.0	5.27	6
Rhamphococcyx curvirostris	0.0	122.	45.	39.	0			6.5	3.0	700	3.0	0.0	6.19	7
Phaenicophaeus	0.0		46.	36.	0			2.0	3.0	600	5.0	0.0	4.81	2
Dasylophus superciliosus	0.0	117.	38.	30.	0			4.5	2.5	700	2.0	0.0	5.00	7
Lepidogrammus cumingi	0.0	173.	42.	34.	0			4.5	3.0	700	3.0	0.0	5.07	6
Carpococcyx viridis	0.0		55.		0			3.0	3.0	700		0.0	4.67	2
Carpococcyx radiatus	0.0		60.	47.	0			2.5	3.0	700		0.0	5.87	2
Carpococcyx renauldi	0.0	400.	65.	44.	0			6.5	3.0	700	3.0	0.0	5.88	4
Coua delalandei	0.0		56.		0			4.0	3.0	300		0.0	0.00	0
Coua gigas	0.0	415.	60.	43.	0			3.0	2.0	500		0.0	5.30	5
Coua coquereli	0.0	135.	42.	33.	0			2.5	2.0	400		0.0	5.27	7
Coua serriana	0.0	298.	42.		0			2.0	3.0	500		0.0	5.07	7
Coua reynaudii	0.0	145.	39.	36.	0			3.0	3.0	500	6.0	0.0	5.16	7
Coua cursor	0.0	118.	37.	34.	0			3.0	1.0	500	3.0	0.0	4.81	5
Coua ruficeps	0.0	190.	42.	35.	0			2.5	2.0	500	2.0	0.0	5.29	6
Coua cristata	0.0	136.	42.	35.	0			3.2	1.5	450		0.0	5.54	6
Coua verreauxi	0.0		36.		0			2.5	1.0	400	2.0	0.0	4.37	3
Coua caerulea	0.0	235.	49.	37.	0			4.0	2.5	500	6.0	0.0	5.29	6
Centropus celebensis	0.0		47.		0			3.0	3.0	700		0.0	5.27	6
Centropus unirufus	0.0	184.	40.		0				2.5	700		0.0	5.04	4
Centropus melanops	0.0	213.	45.	37.	0				3.0	700		0.0	5.07	6
Centropus nigrorufus	0.0		46.	39.	0			4.0	2.0	700		0.0	5.12	2
Centropus milo	0.0		64.		0			3.0	3.0	700		0.0	3.90	6
Centropus goliath	0.0		66.		0				2.5	700		0.0	4.60	6

Centropus violaceus	0.0	500.	64.	42.	0			4.0	3.0	700		0.0	4.66	4
Centropus menbeki	0.0	517.	63.	37.	0			6.0	3.0	700	4.0	0.0	5.94	5
Centropus ateralbus	0.0	336.	46.	41.	0			6.0	3.0	700		0.0	4.66	5
Centropus phasianinus	0.0	340.	66.	38.	1			6.7	2.5	650	6.0	0.0	6.33	5
Centropus spilopterus	0.0		60.	36.	0					700		0.0	3.15	2
Centropus bernsteini	0.0	160.	49.	32.	0				2.0	700		0.0	5.77	5
Centropus chalybeus	0.0		45.		0				3.0	700		0.0	3.69	2
Centropus rectunguis	0.0	163.	43.	37.	0			3.0	3.0	700		0.0	6.13	2
Centropus steerii	0.0		46.		0				3.0	700		0.0	3.98	1
Centropus sinensis	0.0	252.	49.	36.	0			6.3	1.5	600	6.0	0.0	6.90	6
Centropus andamanensis	0.0	234.	46.	35.	0			3.0	2.0	700	6.0	0.0	3.92	6
Centropus viridis	0.0	165.	42.	27.	0			3.0	1.5	700	4.0	0.0	5.47	6
Centropus toulou	0.0	150.	43.	33.	0			6.7	3.0	450	7.0	0.0	5.76	7
Centropus grillii	0.0	125.	32.	31.	0			3.6	0.5	650	3.5	0.0	7.04	4
Centropus bengalensis	0.0	120.	34.	28.	0			4.5	2.0	650	6.5	0.0	6.86	6
Centropus chlororhynchus	0.0		44.	35.	0			5.0	3.0	650	3.0	0.0	4.64	1
Centropus leucogaster	0.0	315.	52.	38.	0			4.0	3.0	700	5.0	0.0	6.27	6
Centropus anselli	0.0	230.	52.		0			5.0	3.0	700	3.0	0.0	6.14	6
Centropus monachus	0.0	204.	48.	34.	0			6.7	2.0	650	5.0	0.0	6.69	6
Centropus cupreicaudus	0.0	285.	46.	38.	0			6.7	2.0	500	5.0	0.0	6.32	5
Centropus senegalensis	0.0	170.	39.	34.	0			6.7	2.5	550	6.0	0.0	6.97	6
Centropus superciliosus	0.0	170.	39.	34.	0			6.7	2.5	500	6.0	0.0	6.92	6
Coccyzus pumilus	1.0	36.0	21.	25.	0	1.0		3.0	2.5	800	12.	0.0	6.31	7
Coccyzus cinereus	0.0	45.0	25.	25.	0			3.0	2.0	700		0.0	6.72	5
Coccyzus erythropthalmus	2.0	50.5	30.	27.	0	1.0	3	4.2	2.0	250	4.0	4.0	6.78	6
Coccyzus americanus	2.0	63.0	30.	30.	0	1.0	3	5.0	2.0	275	5.0	4.0	6.97	6
Coccyzus euleri	0.0	61.0	28.		0			3.0	3.0	800		0.0	6.98	3
Coccyzus minor	0.0	64.0	34.	31.	0			3.6	2.0	750	4.0	0.0	6.31	6
Coccyzus ferrugineus	0.0	70.0	32.		0			4.5	3.0	800		0.0	1.67	2
Coccyzus melacoryphus	0.0	50.0	27.	30.	0			3.0	2.5	750	3.0	0.0	7.13	7
Coccyzus lansbergi	0.0	47.0	26.	26.	0			3.0	2.0	800		3.0	5.69	3
Saurothera merlini	0.0	154.	54.	40.	0			4.5	3.0	500		0.0	5.08	6
Saurothera vieilloti	0.0	80.0	42.	34.	0			4.5	2.5	500	5.0	0.0	3.95	6
Saurothera longirostris	0.0	104.	42.	37.	0			5.3	2.5	500	4.0	0.0	4.89	6
Saurothera vetula	0.0	95.0	40.	32.	0			5.6	3.0	500		0.0	4.04	5
Hyetornis pluvialis	0.0	130.	50.	37.	0			6.7	2.5	500	2.0	0.0	4.04	5
Hyetornis rufigularis	0.0	128.	48.		0			6.7	2.5	500	2.0	0.0	4.88	2
Piaya cayana	0.0	98.0	46.	35.	0			3.0	3.0	800	6.0	0.0	7.17	7
Piaya melanogaster	0.0	102.	38.	30.	0			3.0	2.5	800		0.0	6.65	5
Coccycua minuta	0.0	40.0	25.	24.	0			3.0	3.0	800	4.0	0.0	6.81	5
Crotophaga major	1.0	153.	46.	45.	0	1.0		3.6	3.0	800	7.0	0.0	7.10	7
Crotophaga ani	1.0	105.	35.	35.	0	1.0		5.0	2.0	750	8.0	0.0	7.18	6
Crotophaga sulcirostris	1.0	75.0	32.	31.	0	1.0		3.6	2.0	700	5.0	0.0	6.55	8
Guira guira	2.0	141.	36.	28.	0	1.2	4	5.3	1.0	750	3.0	0.0	6.89	6
Tapera naevia	3.3	52.0	27.	22.	0	3.7	2	3.0	1.5	750	9.0	0.0	7.19	6
Dromococcyx phasianellus	3.3	80.0	36.	24.	0	5.3	3	4.5	3.0	800	3.0	0.0	7.07	4
Dromococcyx pavonicus	3.3	48.0	28.	21.	0	3.2	3	3.0	3.0	800		0.0	6.94	4
Morococcyx erythropygus	0.0	62.0	25.	27.	0			3.0	1.5	650	3.0	0.0	5.74	7
Geococcyx californianus	0.0	305.	56.	39.	1			6.7	0.5	150	4.5	0.0	6.43	6
Geococcyx velox	0.0	178.	48.	35.	0			3.0	0.0	500	2.5	0.0	5.85	7
Neomorphus geoffroyi	0.0	345.	50.	40.	0			3.6	3.0	800	4.0	0.0	6.45	3
Neomorphus radiolosus	0.0		50.		0				3.0	800		0.0	5.54	1
Neomorphus rufipennis	0.0		50.	40.	1				3.0	800		0.0	5.87	3
Neomorphus pucheranii	0.0		50.		0			3.0	3.0	800		0.0	6.03	3

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