DAY 07 MONTH 01 YEAR 09 OBS-PC SJ TMF/40 FmSmTwIc MK HOW FOUND NEST

	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	JK	HH	LS	NP	EU	XV	GRID	MNK	SP	PT
Estrus																																1				1												
5:45																																															
6:00																																														
6:15																																														
6:30																																														
6:45																																														
7:00				X			X					X																										X					M/23	None	—	—
7:15				X			X					X																										X					"		—	—
7:30				X			X					X																										X					"		—	—
7:45				X			X					X																										X					"		ANE	LL
8:00				X			X					X																										X					"		"	"
8:15				X			X					X																										X					"		"	"
8:30				X			X					X																										X					M/24		—	—
8:45				X			X					X																										X					C/25		—	—
9:00							X		X																							X	X				X				X	M/25		FNA	RF
9:15							X		X																							X	X				X				X	"		"	"
9:30							X		X																							X	X				X				X	"		"	"
9:45							X		X																							X	X				X				X	L/24	None	—	—
10:00							X		X																							X	X				X				X	"	RDT	—	—
10:30							X		X																							X	X				X				X	"	None	—	—
10:45							X		X																							X	X				X				X	K/24		NEO	BK
11:00							X																									X	X				X				X	"		—	—
11:15							X																									X	X				X				X	K/23		—	—
11:30							X																									X	X				X				X	"		—	—
11:45							X																									X	X				X				X	"		—	—
12:00							X																									X	X				X				X	"		TITV	TITV
12:15								X																													X				X	L/23	None	—	—
12:30								X																													X				X	"	BWC	FBR	RF
12:45								X																													X				X	"	"	"	"
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	JK	HH	LS	NP	EU	XV				
13:00								X																													X				X	L/23	BWC	FBR	RF
13:15								X																													X				X	"	"	—	—
13:30								X																													X				X	"	None	—	—
13:45								X																													X				X	"		—	—
14:00								X																													X				X	"		—	—
14:15								X																													X				X	"		TITV	TITV
14:30								X																													X				X	"		NEO	WD
14:45																																					X				X	"		—	—
15:00																																					X				X	L/24		NEO	WD
15:15																																					X				X	"		"	"
15:30																																					X				X	"		"	"
15:45																																					X				X	"		"	"
16:00																																					X				X	"		"	"
16:15																																					X				X	"		"	"
16:30																																					X				X	N/25	None	—	—
16:45			X																																		X				X	N/25	MGB	FBR	RF
17:00			X																																		X				X	"	"	"	"
17:15																																					X				X	"	RDT	FNA	RF
17:30																																					X				X	"	"	"	"
17:45																																					X				X	N/24	None	CAF	YL
18:00																																					X				X	"		FNA	RF
18:15																																					X				X	"	None	—	—
18:30																																					X				X	"	BLU	—	—
18:45																																														
19:00																																														
19:15																																														
19:30																																														
19:45																																														
20:00																																														
20:15																																														
20:30																																														
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	JK	HH	LS	NP	EU	XV	GRID	MNK	SP	PT
Health																																														

COMMENTS

FOUND: C=calls, FT=checking fruit trees, FFT: waiting at fruit tree, N=nest **PARTY COMPOSITION**: X: present at that time; O = thought to be around
OTHERS: Write IDs in blank columns: HH, PE, UM-UH-UN, GD-GS-GG, MU-MX, AFF, AMM, JFF, JMM, IMM, IFF
PT: RF = ripe fruit, UF = unripe fruit, SD = seed, YL = young leaf, ML = mature leaf, FL = flower, WD = wood, RT = root, SL = soil, MT = meat
MNK: RDC= Red colobus, BWC= Black and white colobus, RDT= Red-tail monkey, BLU= Blue Monkey, MGB= Mangabey, BAB= Baboon
HEALTH: 1 = Healthy, 2 = Cold/cough, 3 = Diarrhoea, 4 = Wound (describe). **ESTRUS**: 1 = None, 2 = Partial, 3 = Full

KPC Behavior

DAY 07 MONTH 01 YEAR 09 OBSERVER SJ Fmsm TW IC MK. Found: C FT FFT (N) Other

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
651	OBS arrive at the nest									
700	LK YB TJ			NP	F/400				Ø	
701	TJ left the ~~day~~ night nest									
714	LK left the night nest He made vocal									
	displays and TJ made pant-hoots									
715	LK YB TJ			NP	F/400				Ø	
716	YB left his ~~do~~ night nest									—
722	LK Made non-displays and buttress									
	bungs YB and TJ joined him with Vocal									
	displays									
727	LK feeding on TRI YL									
730	LK YB TJ			NP	D/450				Ø	
732	Chimps moved into THV for feeding making									
	food barks									
745	LK YB TJ			NP	D/450	✓	ANE	LL	Ø	
800	LK YB TJ			NP,	"	✓	ANE	LL	Ø	
815	LK YB TJ			NP	"	✓	ANE	LL	Ø	
822	Chimps Comes out of THV and started									
	travelling									
826	LK ~~[illegible]~~ feeding on JAS					LL				

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

QT → ① LR → ①

KPC Behavior

DAY 07 MONTH 01 YEAR 09 OBSERVER ST FM SM TW IC ~~LK~~ MK

Found: C FT FFT (N) Other _____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
827	LK made Vocal displays, and some IDs									
	from the distant Made pant-hoots North of MK									
830	LK YB TJ			NP	450 CED				∅	
840	someone made Vocal displays LK also									
	made Vocal displays NP made pant-hoots									
	and some individual from the Distant Made									
	pant-hoots, from East of K—14.									
845	LK YB TJ			NP	0/33				∅	
848	NP feeding on NEO IDs.									
849	chimps Joined Others feeding				tr		FNA,		QT	
	made Pant-bouts.									
851	QT Pant-grunts to LK and he ignored									
900	LK PG	LR QT	LO QV	NP	R/24	✓	FNA	RF	∅	
915	LK PG	LR QT	LO QV	NP	R/24	✓	FNA	RF	∅	
930	LK PG	LR QT	LO QV	NP	11	✓	11	11	∅	
932	LK climbed down from FNA followed LO LR									
	(LO) QT (QV)									
937	LK and PG made Pant				Vocal displays					
	and LR made pant-hoots									
942	LK made Vocal displays				PG		Joined him-			

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup Interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

With Vocal displays Others made pant-hoots

849 - YB and TJ out of the party

KPC Behavior

DAY 07 MONTH 01 YEAR 09 OBSERVER STFmSmemJW IC MK Found: C FT FFT (N) Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
945	LK Pg	LR QT	Lo Qv	NP	WST/CEN				∅	
946	LK Inspected	QT by	touching	her	estrous					
948	Distant calls	heard	from	West	of	MKn	and			
	the focal IDs did not Respond.									
948	LR grooming Pg									
949	NP grooming herself.									
951	Pg grooming himself.									
959	Distant calls	heard	from	West	of	MKn				
	and Others responded	With	Pant-hoots.							
1000	LK Pg	LR QT	Lo Qv	NP	WST/CEN				RDT	
1003	LK joined	the Party	making	non-Vocal displays						
	LK LR and QT fled	climbing	trees	QT	and					
	LR made	Pant-barks								
1006	Hand clasp	Mutual	groom	LK	⟷	KK	⟵	LR		HCG
1006	LR and	LK both	grooming	LK	after	handclasp				
1008	Chain groom	LR →	KK →	LK						
1009	LR and	LK both	groom	KK.						
1010	Handclasp	Mutual	groom	LR	⟷	KK				
1013	KK groom	LK								
1014	KK grooming	himself.								

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup Interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

KPC Behavior

DAY 07 MONTH 01 YEAR 09 OBSERVER ST Fm Sm Rm TW IC MK Found: C FT FFT (N) Other

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1015	LK KK Pg	LR QT	Lo Qv	NP	WST/CRD				Ø	
1016	KK grooming LK									
1018	LK approached QT and she pant-grunt									
	ted to him and then groomed him									
1019	KK grooming QT									
1021	NP drinking water from the stream									DR
1026	QT feeding on NEO bark									
1030	KK LK Pg	LR QT	Lo Qv	NP	1200/WST	✓	NEO	BK	Ø	
1032	someone made vocal displays and others									
	made pant-hoots									
1033	KK climbed into FST for feeding # 008									
1039	QT arm waved to NP and NP made soft									
	screams									
1040	chimps climbed up for feeding URH									
1044	chimps climbed down from URH									
1045	KK LK Pg	LR QT	Lo Qv	NP	1200/WST				Ø	
1048	NP pick a fruit of Kigeria and carried it for									
	about 10m which was 35cm long and 16cm DEH									
1052	LK grooming himself									
1053	KK grooming LK									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

1050 Pg out of the party

KPC Behavior

DAY 07 MONTH 01 YEAR 08 OBSERVER ST FM RM TWIC MK Found: C FT FFT (N) Other_____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1057	LK grooming LR									
1059	Chain groom QT → LK →				LK					
1100	KK LK	QT LR	LO QV	NP	H/1200				∅	
1111	LR grooming herself.									
1113	QT approach Pant-grunt and groom								LK	PTG
1115	KK LK	QT LR	LO QV	NP	K/1202				∅	
1130	KK LK	QT LR	LO QV	NP					∅	
1137	KK grooming LK									
1142	LK grooming KK.									
1145	KK LK	QT LR	LO QV	NP	K/1200				∅	
1150	Chimps moved into THV for feeding									
1200	KK LK	LR QT	LO QV	NP	K/Cal ✓		THV	THV	∅	
1211	Chimps coming out of THV and separated.									
1215	KK	QT	QV	NP	F/800				∅	
1216	KK makes Vocal displays and buttress bangs									
	NP responded with hoos.									
1227	KK, NP climbed into FBR #				40		for	feeding		
1230	KK	QT	QV	NP	F/800	✓	FBR	RF	BWC	
1245	KK	QT	QV	NP	〃	✓	〃	〃	BWC	
1300	KK	QT	QV	NP	〃	✓	〃	〃	BWC	

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

KPC Behavior

DAY 07 MONTH 01 YEAR 09 OBSERVER SJ FM JW LC MK Found: C FT FFT (N) Other_____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1310	QT (QV) climbed	down	from	FBR						
1312	KK climbed down	from	FBR							
1315	KK	QT	QV	NP	J/TTO				BWC	
1315	QT grooming	KK								
1317	NP grooming herself									
1320	QT feeding	TRI	YL							
1324	KK feeding on	TRI	YL							
1330	KK	QT	QV	NP	J/600				Ø	
1331	QT grooming	KK								
1345	KK	QT	QV	NP	J/600				Ø	
1400	KK	QT	QV	NP	"				Ø	
1411	KK arm threatened	NP	and	she		did not			response	
	remained	stationary								
1411	Chimps feeding in	THU								
1415	KK	QT	QV	NP	J/525	✓	THU	THU	Ø	
1430	KK	QT	QV	NP	J/500	✓	NEO	WD	Ø	
1431	NP feeding	NEO	WD.							
1432	NP feeding on	Clay	soils	from	the	tree	roots			
1440	Chimps coming	out	of	THU	KK	separated				
1445		QT	QV	NP	J/525				Ø	

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

KPC Behavior

DAY 07 MONTH 01 YEAR 09 OBSERVER SJ FM TWIC MK Found: C FT FFT (N) Other_____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1455	QT feeding	NEO	WD							
1500		QT	QV	NP	M/21	✓	NEO	WD	∅	
1515		QT	QV	NP	〃	✓	NEO AFR	WD PTR	∅	
1530		QT	QV	NP	〃	✓	NEO	WD	∅	
1545		QT	QV	NP	〃	✓	NEO	WD	∅	
1600		QT	QV	NP	〃	✓	NEO	WD	∅	
1615					〃	✓	〃	〃	∅	
1622	NP feed on		NEO	WD						
1630		QT	QV	NP	R/19				∅	
1632	QT feeding on	TRI	YL							
1639	chimps climbed	into	FEX	leaving BB and						
	they didn't Make any Calls									
1645	BB	QT	QV	NP	B/16	✓	FEX	RF	MGB	
1648	BB climbed	down	from	FEX.						
1700	BB	QT	QV	NP	B/16	✓	FEX	RF	MGB	
〃	QT (QV) leaving	the	feeding	tree						
1701	NP climbing	down	from	FEX						
1706	QT (QV) and NP	climbed	~~into~~	FNA #020						
1715		QT	QV	NP	F/17	✓	FNA	RF	RDT	
1717	QT grooming QV									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

1702 BB left the party

KPC Behavior

DAY 07 MONTH 01 YEAR 09 OBSERVER SJ FM TW IC MK Found: C FT FFT (N) Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1730		QT	QV	NP	F/17	V	FNA	RF	RST	
1743	QT feeding CAF YL.									
1745		QT	QV	NP	H/17	V	CAF	YL	Ø	
1759	QT makes a night nest, Tree of nest									
	mms, Height 18m. DBH = 14cm									
1802		QT	QV	NP	H/17	V	FNA	RF	Ø	
1811	NP makes a night nest. Tree of nest									Obs
	Height 35m. DBH 35cm									
1815		QT	QV	NP	H/17				Ø	
1830		QT	QV	NP	H/17				BLU	
1840	OBS leaving the nest site.									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events