DAY 10th MONTH July YEAR 09 OBS-PC SM TMF/40 JM RM ASSJ HOW FOUND N

	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	TT	GRID	MNK	SP	PT
5:45																																															
6:00																																															
6:15																																															
6:30																																															
6:45							X	X			X																														X		M/26	None	—	—
7:00							X	X			X																														X				CAF	YL
7:15							X	X			X																														X				—	—
7:30								X																																	X		M/26	None	—	—
7:45								X																																	X		M/25	RDC	—	—
8:00								X				X																			X	X					X	X						FDA	RF
8:15								X				X																			X	X					X	X							
8:30								X				X																			X	X					X	X							
8:45								X				X																			X	X					X	X						M/25	RDC	FDA	RF
9:00								X																							X	X					X	X						L/25	None	THV	
9:15								X																							X	X					X	X						"		—	—
9:30								X																							X	X					X	X						L/24		FDT	RF
9:45								X																							X	X					X	X								"	"
10:00								X																							X	X					X	X								—	—
10:15								X																							X	X					X	X								—	—
10:30								X																							X	X					X	X								THV	
10:45								X																							X	X					X	X								CHT	YL
11:00								X																							X	X					X	X								THV	
11:15								X																							X	X					X	X									
11:30								X				X											X	X	X						X	X					X	X									
11:45								X				X											X	X	X						X	X					X	X									
12:00								X																							X	X					X	X									
12:15								X																							X	X					X	X									
12:30								X																							X	X					X	X						L/24			
12:45								X																							X	X					X	X						M/24	None	THV	
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	TT				
13:00								X																							X	X					X	X						M/24	None	—	—
13:15								X																							X	X					X	X							"	FRR	UF
13:30								X																							X	X					X	X							BWC	—	—
13:45								X																							X	X					X	X								—	—
14:00								X																							X	X					X	X								—	—
14:15								X																							X	X					X	X								—	—
14:30								X																							X	X					X	X								—	—
14:45								X																							X	X					X	X								—	—
15:00								X																							X	X					X	X						M/24	BWC	—	—
15:15								X																							X	X					X	X						M/25	None	—	—
15:30								X																							X	X					X	X						"	*	—	—
15:45								X																							X	X					X	X						"	*	—	—
16:00								X																							X	X					X	X						N/26	None	—	—
16:15								X																							X	X					X	X								CAF	YL
16:30								X																							X	X					X	X									
16:45								X																							X	X			X	X	X	X									
17:00								X																							X	X			X	X	X	X									
17:15								X																							X	X			X	X	X	X									
17:30								X																							X	X			X	X	X	X									
17:45								X																							X	X			X	X	X	X									
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	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	TT	GRID	MNK	SP	PT
Health							1	2																							2																

COMMENTS KK was heard SNeezing and LO have dry cough, RDT and RDC from 1530 – 1545

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

LR ① QT ①

KPC Behavior

DAY 10th MONTH July YEAR 09 OBSERVER SJ JM SMRMAS 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
639	OBS arrived at the nest site									
644	TJ leaving aright nest									
645	LK KK TJ			NP	F/27				Ø	
650	TJ feeding on CAF young leaves									
659	KK leaving aright nest Making vocal displays									
	and ground Slapping LK made pant hoots									
700	LK KK TJ			NP	F/27	✓	CAF	YL	Ø	
710	LK made pant hoots and KK made vocal displays									
711	LK leaving aright nest									
715	LK KK TJ			NP	F/27				Ø	
715	Chimps started moving									
728	KK and NP Moved leaving LK and TJ behind									
730	KK			NP	B2/GLT				Ø	
740	KK feeding on FCP ripe fruits									
744	Heard distant calls from west of K 14 KK									
	and NP didn't respond									
745	KK			NP	U/23				RDC	
746	RDC's made alarm calls against KK he made									
	non vocal displays and NP ran after him									
748	KK and NP joined TJ and LR LO QT QV in FDA tree KK made non vocal displays and buttress bungs LR QT made V pant barks and pant hoots									

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 10th MONTH July YEAR 09 OBSERVER JM AS SM SJ JW 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
800	KK TJ	LR OT	LO OV	NP	T/23	✓	FBA	RF	RBC	
815	KK TJ	LR OT	LO OV	NP	"	✓	"	"	"	
830	KK TJ	LR OT	LO OV	NP	"	✓	"	"	"	
834	LO was heard coughing (dry cough).									
845	KK TJ	LR OT	LO OV	NP	T/23	✓	FBA	RF	RBC	
847	Chimps leaving the feeding tree and moving									TJ remained behind JM
848	LR feeding on Black soil from roots of a fallen tree									
855	OT approach pant grunting to KK and presented									PTG
	to him he inspected her by touch on estrous									
858	Chimps started feeding on THV in adense vegetation									
900	KK	LR OT	LO OV	NP	O/23	✓	THV		Ø	
912	NP grooming herself									
915	KK	LR OT	LO OV	NP	O/23				Ø	
920	NP drinking water from elephant foot prints									DR
923	KK made vocal displays and buttress bangs									
	LR and NP made hoo's									
926	Chimps climbed into FOT tree and started feeding									
	on ripe fruits									

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 10th MONTH July YEAR 09 OBSERVER AS SMS JTW 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
930	KK	LR QT	LO QV	NP	WST Crd	✓	FOT	RF	Ø	
945	KK	LR QT	LO QV	NP	"	✓	"	"	Ø	
949	LR made waar barks and chassed				NP			Who fled		
	Silent in afeeding tree									
952	Chimps leaving the feeding tree and moving									
955	QT grooming her self									
1000	KK	LR QT	LO QV	NP	WST Crd				Ø	
1000	NP grooming her self									
1005	LR grooming LO									
1006	LO playing with QV by touching and make									
	soft bites each other									
1014	QT grooming QV									
1015	KK	LR QT	LO QV	NP	WST Crd				Ø	
1023	KK carried LO less a minute in 1 metre							LR		CY PTG
	followed him pant grunting then LR groomed KK									
1026	KK approach QT who pant grunted and groomed him									PTG
1027	LR playing with LO where by LR patting and make									AP
	Soft bites on LO									
1030	KK	LR QT	LO QV	NP	WST Crd	✓	THV		Ø	
1037	KK grooming him self									

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

TQ① KPC Behavior

DAY 10th MONTH July YEAR 09 OBSERVER AS SMSJTW 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
1041	LR approach pant grunting to				KK	and	they			PTG HCG made
	Hand clasp mutual groom KK ⟷ LR									
1043	LR groomed KK after hand clasp									
1045	KK feeding on CHT young leaves									
1045	KK	LR ET	LO GV	NP	WST Crd	✓	CHT THV	YL	Ø	
1100	KK	LR ET	LO GV	NP	"		THV		Ø	
1111	KK feeding on TRI young leaves									
1115	KK	LR ET	LO GV	NP	D/800	✓	THV		Ø	
1119	TQ and her family joined the party and									PTG IT
	approach pant grunting to				KK	he	ignored			TQ made pant barks
1120	NP approach TJ and presented to him TJ inspected									
	NP by touching on her genitals at same time									
	TJ groomed NP									
1120	TQ approach pant grunting to				KK	he	ignored			PTG
1130	KK TJ	TQ LR ET	LO TT GV	TD TS NP	D/800	✓	THV		Ø	
1145	KK TJ	TQ LR ET	LO TT GV	NP TS TD	"	✓	"		Ø	
1154	KK feeding on red soil from roots of a fallen tree									
1155	KK feeding on TRI young leaves									
1158	KK and NP separated from others and we followed									
	them TW AS remained with other IM's in							THV		

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 10th MONTH July YEAR 09 OBSERVER SM SJ 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
1200	KK			NP	D/700	✓	THU		Ø	
1215	KK			NP	"	✓	"		Ø	
1230	KK			NP	"	✓	"		Ø	
1245	KK			NP	16/Crd	✓	"		Ø	
1300	KK			NP	P/16					
1304	KK and NP feeding on FBR unripe fruits picking									
	from the bathess of a tree									
1315	KK			NP	P/16	✓	FBR	UF	Ø	
1316	Chimps started moving									
1330	KK			NP	R/16				Bwe	
1345	KK			NP	"				"	
1400	KK			NP	"				"	
1415	KK			NP	"				"	
1430	KK			NP	"				"	
1440	Chimps started moving									
1443	KK feeding on ANT young leaves									
1445	KK			NP	R/16				Bwe	
1500	KK			NP	"				"	
1515	KK			NP	U/17				Ø	
1530	KK			NP	A/17				RDC RDT	

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

1234 KK was heard sneezing

WL (1)

KPC Behavior

DAY 10th MONTH July YEAR 09 OBSERVER SMSJ 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						
1536	KK and NP both feeding on TRI young leaves									
1545	KK			NP	B/17				RDT RDC	
1546	KK and NP both feeding on Brown soil from roots of a fallen tree									
1548	KK feeding on TRI young leaves									
1600	KK			NP	H/17				Ø	
1615	KK			NP	21/BFP	✓	CAF	JL	Ø	
1630	KK			NP	"	✓	"	"	Ø	
1637	WL (we) joined making pant barks but KK and NP did n't respond									
1645	KK	WL	WC	NP	21/BFP	✓	CAF	JL	Ø	
1650	WL (we) approach bent grunting to KK and she made soft bites on KK's hand he ignored									PTG
1651	WL grooming KK									
1700	KK	WL	WC	NP	21/BFP	✓	CAF	JL	Ø	
1715	KK	WL	WC	NP	"	✓	"	"	Ø	
1729	KK and NP feeding on red soil from roots of a fallen tree									
1730	KK	WL	WC	NP	21/BFP	✓	Soil THV	SL	Ø	
1731	WL (we) made nest grunts and entered into old then Improving it and rest, Tree = ALbizia								HT = 13M nest DBH = 18CM	

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 10th MONTH July YEAR 09 OBSERVER SMST 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						
1745	KK	WL	WC	NP	21/BFP	✓	CAT CAF	YL YL	Ø	
1755	KK build a night nest and rest, tree = CAF							HT	=14	m
	DBH = 20cm									
1800	KK	WL	WC	NP	21/BFP	✓	CAF	YL	Ø	
1810	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