DAY 23rd MONTH July YEAR 2009 OBS-PC KJ TMF/40 SM AG HOW FOUND C

	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				GRID	MNK	SP	PT
Estrus																																	1																
5:45																																																	
6:00																																																	
6:15																																																	
6:30																																																	
6:45																																																	
7:00																																																	
7:15																																																	
7:30																																																	
7:45																																																	
8:00																																																	
8:15																																																	
8:30																																																	
8:45	X	X	X	X		X						X																					X	X												G/25		—	—
9:00	X	X	X	X		X						X																					X	X														FBR	RF
9:15	X	X	X	X		X				X		X																					X	X												↓		FBR	RF
9:30	X	X	X	X		X				X		X																					X	X												G/25		—	—
9:45	X	X	X	X		X				X		X																					X	X												H/26		—	—
10:00	X	X	X	X		X				X		X																					X	X												H/26		—	—
10:15	X	X	X	X		X				X		X																					X	X												I/26		—	—
10:30	X	X	X	X		X				X		X																					X	X												I/26		THV	THV
10:45	X	X	X	X		X				X		X																					X	X												I/27		—	—
11:00	X	X	X	X		X				X		X																					X	X												I/27		—	—
11:15	X	X	X	X		X				X		X																					X	X												H/28		—	—
11:30	X	X	X	X		X				X		X																					X	X														—	—
11:45	X	X	X	X		X				X		X																					X	X													Bwc	—	—
12:00	X	X	X	X		X				X		X																					X	X													"	—	—
12:15	X	X	X	X		X				X		X																					X	X													"	—	—
12:30	X	X	X	X		X				X		X																					X	X													"	—	—
12:45	X	X	X	X		X				X		X																					X	X													"	—	—
	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							
13:00	X	X	X	X		X				X		X																					X	X													Bwc	—	—
13:15	X	X	X	X		X				X		X																					X	X													"	—	—
13:30	X	X	X	X		X				X		X																					X	X													"	—	—
13:45	X	X	X	X		X				X		X																					X	X													"	—	—
14:00	X	X	X	X		X				X		X																					X	X														FOT	RF
14:15	X	X	X	X		X				X		X																					X	X														THV	THV
14:30	X	X	X	X		X				X		X																					X	X												↓		—	—
14:45	X	X	X	X		X				X		X																					X	X												H/28		—	—
15:00	X	X	X	X		X				X		X																					X	X												H/29		THV	THV
15:15	X	X	X	X		X				X		X																					X	X												H/29		—	—
15:30	X	X	X	X		X				X		X																					X	X												G/29		THV	THV
15:45	X	X	X	X		X				X		X																					X	X												G/29		unknown	Fig
16:00	X	X	X	X		X				X		X																					X	X												G/29		unknown	FiG
16:15	X	X	X	X		X				X		X																					X	X												F/29		—	—
16:30	X	X	X	X		X				X		X																					X	X												E/28		THV	THV
16:45	X	X	X	X		X				X		X																					X	X												E/28		THV	THV
17:00	X	X	X	X		X				X		X																					X	X												E/28			
17:15	X	X	X	X		X				X		X																					X	X												E/28			
17:30	X	X	X	X		X				X		X																					X	X												F/27		↓	↓
17:45	X	X	X	X		X				X		X																					X	X												E/27		THV	THV
18:00	X	X	X	X		X				X		X																					X	X												E/27		—	—
18:15	X	X	X	X		X				X		X																					X	X												E/26		—	—
18:30																																																	
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	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				GRID	MNK	SP	PT
Health	1	1	1	1		1				5		1																					1	2															

COMMENTS ES still has awire in his left hand. WE was heard sneezing

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

GPS B — WA 1

DAY 23rd MONTH July YEAR 2009 OBSERVER KJSM AG 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
828	Obs heard vocal displays and waers									
	at JR1/KD and followed them									
838	Obs found chimps moving and the									
	individuals found are MS BB YB TJ									
	WA WE ST and TU at JR1/CRD									
840	some Id's made vocal displays others									
	made pant hoots.									
845	MS BB ST YB TU TJ	WA		WE	JR2/CRD				Ø	
848	chimps made vocal displays in a poor									
	view as they climbed into FBR.									
856	TJ grooming WA.									
859	Heard distant calls from the South									
	west of the location (JR1/CRD) some									
	Id's made food grunts and waers.									
900	MS BB TJ YB TU ST				JR2/CRD	V	FBR	RF	Ø	
905	Es only joined the party WA made									
	pant barks as Es climbs the feeding									
	tree.									
906	TJ approached WA who made screams									
	and presented to him, TJ inspected her by									

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

touching and smelling on the fingers.

KPC Behavior

DAY 23rd MONTH July YEAR 2009 OBSERVER KJ SM AG 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
910	ES was seen still with a snare on his									
	left hand.									
915	MS BB TJ ES UB ST TU	WA		WE	IR2 CRd	V	FBR	RF	Ø	
919	TU grooming BB.									
920	Hand clasp mutual groom				BB ↔ TU					HCG
926	WA (WE) coming down									
928	All chimps left the feeding tree.									
929	TJ approached WA who made pant[c] before									
	him and presented, TJ inspected her by									
	touching and smelling on the fingers.									
930	MS TU ST UB ES TJ BB	WA		WE	IR2 CRd				Ø	
945	MS TU ST UB TJ ES BB	WA		WE	IR2 ST				Ø	
1000	MS TU ST UB TJ ES BB	WA		WE	EST 9S				Ø	
1013	MS grooming BB.									
1015	UB MS ST ES TU TJ BB	WA		WE	9S 9E				Ø	
1020	ST grooming him self.									
〃	WA UB ES and TJ are feeding on THV.									
1030	MS BB TU ST UB TJ ES	WA		WE	9E 9S	V	THV	THV	Ø	
〃	UB grooming MS.									

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 23rd MONTH July YEAR 2009 OBSERVER KJSM AG Found: (C) FT FFT N Other ML (1)

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1042	YB and BB drinking water from the stream by the mouth.									
1045	MS BB	WA		WE	Adam 1 EST				∅	
1047	BB sneezing on the ground.									
1049	WE was heard sneezing.									
1054	Hand clasp mutual groom				TU ↔ ST					HCG
1056	TU grooming YB.									
11	WA approached TU and presented to him TU inspected her by touching on the estrous.									
1057	ST inspecting WA by touching on the estrous.									
1058	YB self groom.									
1100	MS BB TU ST TJ YB	WA		WE	Adam 1 Adam 2				∅	
1107	ML found the party, no any calls made.									
1115	MS BB TU ST TJ YB	WA ML		WE	Adam 1 Adam 2	L	THV	THV	∅	
1117	BB climbed for bees and put his hand into the hole but bees chased him away BB fled down stamping the tree.									
1121	MS made non vocal and chased TJ and BB who fled screaming climbing trees then BB mounted MS making soft screams.									

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

Others fled silently.

KPC Behavior

DAY 23rd MONTH July YEAR 2009 OBSERVER KJSMAG 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
1128	ES inspecting WA by touching on the									
	estrus.									
1130	MS BB TUST UB ES TJ	WA ML		WE	Adam 1 Adam 2				∅	
1145	MS BB TUST UB ES TJ	WA ML		WE	"				BAC	
1200	MS BB TUST UB ES TJ	WA ML		WE	"				"	
1215	MS BB TUST UB ES TJ	WA ML		WE	"				"	
1230	MS BB TUST UB ES TJ	WA ML		WE	"				"	
1245	MS BB TUST UB ES TJ	WA ML		WE	"				"	
1250	UB grooming him self.									
1257	ST grooming UB.									
1258	UB grooming ST									
1259	ST grooming TU									
"	Hand clasp mutual groom				TU ⟷ ST					HCG
"	UB grooming him self.									
1300	MS BB TUST UB ES TJ	WA ML		WE	Adam 1 Adam 2				BAC	
1301	Tu grooming ST after hand clasp.									
1305	Hand clasp mutual groom				BB ⟷ MS					HCG
1306	MS grooming BB after hand clasp.									
1307	MS moved toward WA who made faint grunts									PTG
	before him. MS ignored.									

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 23rd MONTH July YEAR 2009 OBSERVER KJSMAG 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
1315	MS BB STYB TUES TJ	WA ML		WE	Adam 1 / Adam 2				BWC	
1330	MS BB STYB TUES TJ	WA ML		WE	"				"	
1345	MS BB STYB TUES TJ	WA ML		WE	"				"	
1358	ES and WA (WE) climbed into FOT as others feeds in THV									
1400	MS BB STYB TUES TJ	WA ML		WE	Adam 2 / Adam 1		FOT THV	RF THV	Ø	
1414	ES and WA (WE) coming down from FOT.									
1415	MS BB STYB TUES TJ	WA ML		WE	Adam 1 / Adam 2		THV	THV	Ø	
1430	MS BB STYB TUES TJ	WA ML		WE	"				Ø	
1443	WA YB and TJ sneething the ground as they were moving.									
1445	MS BB STYB TUES TJ	WA		WE	Adam 1 / OFT				Ø	
1449	ML. went missing and she's out of the party.									
1456	WA presented to TJ and he inspected her by touching on the estrous and smelling on the fingers									
1500	MS BB STYB TUES TJ	WA		WE	Adam 1 / Nkugutu		THV	THV	Ø	
1515	MS BB STYB TUES TJ	WA		WE	"				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 23rd MONTH July YEAR 2009 OBSERVER KJSM AG 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
1527	Tu and YB sneezing on the ground as they									
	move on feeding on THV.									
1530	MS BB ST ES TU TJ	WA		EU	Adam / NJUGUTA	✓	THV	THV	Ø	
1531	WA grooming WE.									
1536	Tu ST eating sand soil from the roots of									
	a fallen tree.									
1540	ST feeding on papyrus pith.									
1542	BB ES TJ MS & WA feeding on Unknown Fig.									
1545	MS BB ST ES TU TJ	WA		WE	Adam / NJUGUTA	✓	Unknown FIG	RF	Ø	
1551	MS and BB coming down from the feeding									
	tree.									
1600	MS BB ST ES TU TJ	WA		WE	Adam / NJUGUTA	✓	Unknown FIG	RF	Ø	
1604	ES and TJ coming down last.									
1615	MS BB ST ES TU TJ	WA		WE	Adam / CRD				Ø	
1621	Tu YB and TJ sneezing on some dung									
	of chimps.									
1630	MS BB ST ES TU TJ	WA		WE	JRH / NJUGUTA	✓	THV	THV	Ø	
1634	BB eating TRI YL.									
1645	MS BB ST ES TU TJ	WA		WE	JRH / NJUGUTA	✓	THV	THV	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 23rd MONTH July YEAR 2009 OBSERVER KJSM06 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
1650	As chimps were moving and feeding they came across a wire snare trap caught a pangoline and they made hoos looking at it. Tu came close and tried to break the climbs which the pangoline was entangled in and releasing the trap but in vain. They stayed watching for some minutes until we (Obs) released it that's when the chimps moved away.									
1700	MS BB TU ES JB TJ ST	WA		WE	JRH NTugwa	✓	THW	THW	Ø	
1715	MS BB TU ES JB TJ ST	WA		WE	"	✓	THW	THW	Ø	
1730	MS BB TU ES JB TJ ST	WA		WE	"	✓	THW	THW	Ø	
1745	MS BB TU ES JB TJ ST	WA		WE	"	✓	THW	THW	Ø	
1747	MS BB and ST feeding on un known fig the same as before.									
1800	MS BB TU ES JB TJ ST	WA		WE	JRH NTugwa				Ø	
1815	MS BB TU ES JB TJ ST	WA		WE	JRH mid trail				Ø	
1824	Obs stoped following chimps because it was coming late. The chimps were moving toward the village.									

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