DAY 22nd MONTH JAN YEAR 2009 OBS-PC KJ TMF/40 SM TW BP JM RM HOW FOUND FT

	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	HH	LS	NP	EU	MM	ML	GRID	MNK	SP	PT
Estrus																	1		1		2			3			3		3			1		3			1						2					
5:45																																															
6:00																																															
6:15																																															
6:30																																															
6:45																																															
7:00	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X			FRS		FNA	RF
7:15	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
7:30	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
7:45	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
8:00	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
8:15	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
8:30	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
8:45	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
9:00	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
9:15	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
9:30	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
9:45	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
10:00	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
10:15	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
10:30	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
10:45	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
11:00	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
11:15	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
11:30	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
11:45	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
12:00	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
12:15	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
12:30	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
12:45	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			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	HH	LS	NP	EU	MM	ML	GRID	MNK	SP	PT
13:00	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
13:15	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
13:30	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
13:45	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
14:00	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
14:15	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
14:30	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
14:45	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
15:00	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
15:15	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
15:30	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
15:45	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
16:00	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
16:15	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
16:30	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
16:45	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
17:00	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
17:15	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
17:30	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
17:45	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
18:00	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
18:15	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X						
18:30	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X			X	X	X			JPS		CAF	YL
18:45																																														
19:00																																															
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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	HH	LS	NP	EU	MM	ML	GRID	MNK	SP	PT
Health	1	1	1	1	1	1	1	1	1	1	1	1	1				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1				

COMMENTS ST has swound on the second finger at nail tip and the nail is not there. (left hand).

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

NB: No monkeys encountered through out the day.

ML 2 AL 3 QT 1 **KPC Behavior** OU 1 OT 2 TG 3 UM 3 WA 3 BP

DAY 22 MONTH JAN YEAR 2009 OBSERVER KJSMTW 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
650	Obs arrived at the nest and found chimps out of their nest feeding in FNA at 1S/2E.									
700	MSKK BBST PGPB LKYB TUAJ ESTJ	TGQT UMWA OUAL MLMU	MX TTQV UNAT AZOG MN	NPEU WETS OTOM	1S/2E	✓	FNA	RF	Ø	
715	MSKK BBST PGPB LKYB TUAJ ESTJ	TGQT UMWA OUAL MLMU	MX TTQV UNAT AZOG MN	NPEU WEOT OMTS	"	✓	FNA	RF	Ø	
718	QT was chased by some one in the feeding tree and fled screaming. Others did not respond.									
722	ST was chased by some one and fled screaming others made waars.									
730	MSKK BBST PGPB LKYB TUAJ ESTJ	TGQT UMWA OUAL MLMU	MN TGQV UNAT AZOG MX	NPEU TSWE OTOM	1S/2E	✓	FNA	RF	Ø	
745	MSKK BBST PGPB LKYB TUAJ ESTJ	MU TGQT UMWA OUAL ML	MX TTQV ATAZ UNOG MN	NPEU TSWE OTOM	"	✓	FNA	RF	Ø	
751	ES chased NP in the feeding tree and she fled screaming others did not respond.									
800	MSKK BBST PGPB LKYB TUAJ ESTJ	TGQT UMWA OUAL MLMU	MX TTQV ATAZ UNOG MN	NPEU TSWE OTOM	1S/2E	✓	FNA	RF	Ø	
803	Cop with screams and no dart. 7 sec. AJ→TG CP approach M→F									
806	Cop with screams and no dart. 8 sec. BB→TG CP approach M→F.									

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 22nd MONTH JAN YEAR 2009 OBSERVER KJSM TW BP 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
815	MSKK LKAJ BBST TUAJ PGPB ESTJ	OUAL UMWA QTTG MLMW	MX ATAZ TTQV UNOG MN	NPEW WETS OTOM	1S 2E	✓	FNA	RF	Ø	
815	LK grooming KK									
823	Cop Silent, and no dart. 9 see. approach				M→F.			LK→TG		CP
	LK groomed her after copulation.									
830	MSKK LKAJ BBST TUAJ PGPB ESTJ	OUAL UMWA QTTG MLMW	MX ATAZ TTQV UNOG MN	NPEW WETS OTOM	1S 2E	✓	FNA	RF	Ø	
845	MSKK LKAJ BBST TUAJ PGPB ESTJ	OUAL UMWA QTTG MLMW	MX ATAZ TTQV UNOG MN	NPEW WETS OTOM	11	✓	FNA	RF	Ø	
11	ES made non vocal displays and chased ML									
	and OG. ML fled silently OG screaming.									
900	MSKK LKAJ BBST TUAJ PGPB ESTJ	OUAL UMWA TGQT MLMW	MX ATAZ TTQV UNOG MN	NPEW WETS OTOM	1S 2E	✓	FNA	RF	Ø	
915	MSKK LKAJ BBST TUAJ PGPB ESTJ	OUAL UMWA TGQT MLMW	MX ATAZ TTQV UNOG MN	NPEW WETS OTOM	11	✓	FNA	RF	Ø	
920	KK grooming YB									
928	LK grooming AJ									
930	MSKK LKAJ BBST TUAJ PGPB ESTJ	OUAL UMWA TGQT MLMW	MX ATAZ TTQV UNOG MN	NPEW WETS OTOM	1S 2E	✓	FNA	RF	Ø	
945	MSKK LKAJ BBST TUAJ PGPB ESTJ	OUAL UMWA TGQT MLMW	MX ATAZ TTQV UNOG MN	NPEW WETS OTOM	11	✓	FNA	RF	Ø	
1000	MSKK LKAJ BBST TUAJ PGPB ESTJ	OUAL UMWA TGQT MLMW	MX ATAZ TTQV UNOG MN	NPEW WETS OTOM	11	✓	FNA	RF	Ø	
1008	Silent, cop and no dart. 7 see. appr.				M→F.			AJ→UM		CP
1015	MSKK LKAJ BBST TUAJ PGPB ESTJ	OUAL UMWA TGQT MLMW	MX ATAZ TTQV UNOG MN	NPEW WETS OTOM	1S 2E	✓	FNA	RF	Ø	
1018	Cop with screams but no dart. 7				See.		BB→	TG		P
	male approach.									

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

927 – YB grooming KK

KPC Behavior

DAY 22nd MONTH JAN YEAR 2009 OBSERVER KJSM TW JMem 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						
1122	Hand clasp	mutual	groom	ST ↔	BB ←		AJ			HCG
1123	ST grooming BB after hand clasp.									
1124	Both ST and MS	grooming	BB							
1126	MS grooming	BB.								
1127	PG charged then	KK approached	him	and	mounted					
	him too then KK groomed him.									
1128	Chain groom MS → BB → ST.									
1129	Both MS and BB are grooming				ST					
1130	MSKT BBAP TWLK HBST PGPD ESTS	OUTG ALOT WAUM MLMW	OGMT ATAT LINGW TTMW	STOM NPCA TSWE	1S 2E	✓	FNA	RF	Ø	
1131	Hand clasp	mutual	groom	KK ↔	PG					HCG
1132	KK grooming	PG after	hand clasp.							
11	BB grooming	AJ as	MS continues	grooming	ST					
1133	PG grooming	KK.								
1134	AJ grooming	BB.								
1135	KK grooming	PG.								
1137	ST has a wound on his	second	finger	of	the					
	left hand and it	fresh.								
1140	Hand clasp	mutual	groom	KK ↔	PG					HCG
1142	Mutual groom	after	hand	clasp	PG ↔	KK				

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 22nd MONTH JAN YEAR 2009 OBSERVER KJSMTW JMRM.BP 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
1142	LR Lo joined the party, PG made non vocal									
	displays LR made pant barks, others made pant hoots									
1144	KK grooming YB									
"	Hand clasp mutual groom PG ⇔ LR									HCG
1145	MSKK BBAJ TUST LKYB PGPB ESTJ	LROU ALTG QTUM WAML MU	MX OGLO ATAZ UNQV TTMN	OTOM NPEU TSWE	1S 2E	✓	FNA	RF	∅	
"	LR grooming PG after hand clasp									
1149	LR grooming MS as ST grooms him self.									
"	AJ grooming BB									
1150	Hand clasp mutual groom MS ⇔ LR ← PG									HCG
1152	There was a fight in the tree among the									
	females where by they made screams and									
	waars, AJ BB and PG made non vocal displays									
	on the ground. AJ made buttress bungs									
1155	Tu grooming MS									
1200	MSKK BBAJ STYB TULK PGPB ESTJ	LROU ALTG QTUM WAML MU	MX ATAZ OGLO UNQV TTMN	OTOM NPEU WETS	1S 2E	✓	FNA	RF	∅	
1204	PG making a ground nest.									
1206	MS grooming Tu									
1207	Both YB and MS are grooming Tu.									
1211	Hand clasp mutual groom MS ⇔ Tu									HCG
1212	MS grooming Tu									

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

1213 Tu grooming ST

KPC Behavior

DAY 22nd MONTH JAN YEAR 2009 OBSERVER KJSM 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
1214	chain groom ms → Tu → BB									
1215	MSKK BBAJ TUST YBLK PGPB ESTJ	OUAL TGQT UMMU MLWA LR	ATAZ OGLO UNMX QVMN TT	OTOM NPEU WETS	1S 2E	✓	FNA	RF	Ø	
1216	Cop with screams and no dart 8 sec. ms → um									CP
	male approach, ms groomed her.									
1219	Hand clasp mutual groom Tu ⇄ BB									HCG
1220	mutual groom BB ⇄ Tu									
1221	Hand clasp mutual groom BB ⇄ Tu									HCG
1222	mutual groom for BB ⇄ Tu									
1223	BB grooming Tu									
1224	ST grooming mu.									
1225	UN grooming um									
1227	mu grooming ST									
1228	Both mx and mu are grooming ST.									
"	QT grooming PB									
1229	chain groom mu → mx → ST									
1230	MSKK BBAJ TUST LKYB PGPB ESTJ	OUAL TGQT UMWE LRMU ML	MX ATAZ OGTT UNLO QVMN	OTOM NPEU WETS	1S 2E	✓	FNA	RF	Ø	
"	mu grooming mx									
1231	ST self groom.									
1233	Hand clasp mutual groom BB ⇄ Tu									HCG
1234	Tu grooming BB after hand clasp.									

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 22nd MONTH JAN YEAR 2009 OBSERVER KJSMIW JM RM 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
1235	Tu grooming MS.									
1237	PB grooming AJ									
1245	MSKKBBPGPJCS13	AJAQ16LRUMML	AJAQ8GNMQTMN11	OMOTNPQW1SWE	1S 2E	V	FNA	RF	Ø	
11	Silent COP and no dart @see.				AJ → UM					CP
	Male approach. AJ groomed her after copulation									
1249	QT made attack one on MX by aslap, MX									
	retaliated screaming and they exchanged									
	slaps, QT also made screams then they									
	avoided casually each other and made									
	branch shake to one another, MU made									
	waars.									
1250	AJ grooming MU.									
1300	MSKKBBPGPJCS13	AJAQ16LRUMML	AJAQ8GNMQTMN11	OMOTNPQW1SWE	1S 2E	V	FNA	RF	Ø	
11	PG made non vocal displays QT and some									
	Juds Jled Pant barking.									
1308	PG made non vocal displays KK and AJ									
	joined him too. PB and UM Jled Pant									
	barking.									
1311	KK and AJ made vocal displays. Others made									
	Pant barks.									

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 22nd MONTH JAN YEAR 2009 OBSERVER KJSM TW RM JM BP 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
1312	Silent cop and no dart 9 sec. PB → UM									CP
	Female approach.									
1315	MSKK BBAJ TUST YBLK PGPB ESTJ	OUTG ALWA LRQT UMML MU	ATAZ OGLO UNMX MNTT QV	NPEU OTOM TSWE	1S 2E	✓	FNA THV	RF THV	Ø	
1317	All chimps coming down from FNA.									
1322	AT grooming KK									
1324	Eu playing with AZ by swinging and touching one another.									
1330	MSKK BBAJ TULK PGPB YBST ESTJ	OUQT ALTG WAUM MUML LR	QV ATAZ OGLO UNMX MNTT	NPEU OTOM TSWE	2S 2E	✓	THV	THV	Ø	
1334	Chain groom Tu → KK → ST									
1336	KK grooming ST									
1343	KK grooming ST									
1345	MSKK BBAJ TULK PGPB YBST ESTJ	OUQT ALTG WAUM MUML LR	ATAZ OGLO UNMX MNTT QV	NPEU OTOM TSWE	2S 2E	✓	THV	THV	Ø	
1346	LR grooming LK.									
1350	LK grooming LR									
1356	LR grooming LK									
1400	MSKK BBAJ TULK PGPB YBST ESTJ	OUQT ALTG WAUM MUML LR	ATAZ OGLO UNMX MNTT QV	NPEU OTOM TSWE	2S 2E	✓	THV	THV	Ø	
"	TS grooming TT									
1407	TG moved towards ms pant barking ms Ignored her.									

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 22nd MONTH JAN YEAR 2009 OBSERVER KJSMTW JM RM 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
1408	Cop. with screams and no dart. 6 sec. ST→TG									CP
	male approach.									
1415	MSKK BBAJ STYB TULK PGPB ESTJ	OUAL TGQT LRMU MLWA UM	ATAZ OGLO QVTT UNMX MN	OTOM NPEU WETS	2E 2S	✓	THV	THV	∅	
1428	Hand clasp mutual groom BB←→AJ									HCG
1429	BB grooming AJ After hand clasp.									
"	chain groom MS→BB→AJ.									
1430	MSKK BBAJ STYB TULK PGPB ESTJ	OUAL TGQT LRMU MLWA UM	ATAZ OGLO QVTT UNMX MN	OTOM NPEU WETS	2E 3S	✓	THV	THV	∅	
1431	AJ grooming LK									
1432	LR approached LK and AJ pant grunting and they									
	ignored him.									
1433	LR grooming AJ.									
1445	MSKK LKAJ BBST TUYB PGPB ESTJ	OUAL TGQT LRMU MLUM WA	ATAZ OGLO QVTT UNMX MN	OTOM NPEU WETS	2E 3S	✓	THV	THV	∅	
1459	chain grooming TJ→LK→AJ									
1500	MSBB STKK LKAJ TUYB PGPB ESTJ	OUAL TGQT LRMU MLUM WA	ATAZ OGLO QVTT UNMX MN	OTOM NPEU WETS	2E 3S	✓	THV	THV	∅	
1502	UM feeding on TRI YL									
"	LK grooming MS									
1504	PG grooming BB									
1506	BB feeding on TRI YL.									
1509	UM dropped some leaves of TRI MS picked them									
	and started feeding.									

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 22 MONTH JAN YEAR 2009 OBSERVER KJSM TW 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
1511	Silent cop and no dart 4 see.				AJ → um					CP
	1 female approach. AJ groomed her after.									
1514	Hand clasp mutual groom MS ↔ ST									HCG
1515	MS KK BB AJ PG PP LK LB ES TS	SUE AG LF MU UM NW ML	AA TO GG LT SU UM MN	OL GM NP CW WE TS	2G/3S	V	THV	THV	Ø	
1516	MS grooming ST after hand clasp.									
11	LK grooming PG									
1517	Silent cop and no dart 6 see.				LK → um					CP
	female approach LK groomed her									
1518	Some one was chased in a poor view and									
	fled screaming others made waars.									
1519	Chimps climbed into PHy.									
1523	A fight brock among the males and they									
	made alot of screams vocal displays and									
	waars then BB and LK were seen exchanging									
	kicks and slaps then BB chased LK waa									
	backing. LK fled screaming others made waars									
1530	MS KK BB AJ PP LK LB ES TS	SUE AG LF MU UM NW ML	AA TO GG LT SU UM MN	OL GM NP CW WE TS	3S/1I	V	PHY ERH	RF RF	Ø	
1531	Silent cop and no dart. 8 see				KK → um					CP
	male approach.									

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

1518 - QT feeding on NGO wood.

1519 - QT inspecting um by smelling on the estrous.

KPC Behavior

DAY 22nd MONTH JAN YEAR_____ OBSERVER_____ 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
1538	ms made non vocal displays and chased um who fled out of the feeding tree (PHY) to the ground, ms slapped the ground.									
1541	chimps coming down from PHY and entered into THV									
1545	MSKK BBAJ TUST LKYB PGPB ESTJ	OUAL TGQT UMML MULR WA	ATAZ OGLO UNMX QTMN TT	OTOM NPEU TSWE	1E / 3S	✓	THV	THV	∅	
1550	It started rainning									RN
1556	YB and some Jds made non vocal rain displays									
1558	BB approached AJ and mounted him both making soft screams									
1559	BB YB AJ and some Jd's climbed into CAF/FEX									
1600	MSKK BBAJ TUST LKYB PGPB ESTJ	OUAL TGQT UMML MULR WA	ATAZ OGLO UNMX QVTT MN	OTOM NPEU TSWE	3S / SB	✓	FEX CAF	YL	∅	
1612	YB came down from CAF screaming then PG approached him while charged and mounted him, YB stoped screaming.									
1615	MSKK BBAJ TUST LKYB PGPB ESTJ	OUAL TGQT UMML MULR WA	ATAZ OGLO UNMX QVMN TT	OTOM NPEU TSWE	3S / SB	✓	FEX CAF	YL	∅	
1623	The rain stoped.									
1630	MSKK BBAJ TUST LKYB PGPB ESTJ	OUAL TGQT UMML MLLR WA	ATAZ OGLO UNMX QVMN TT	OTOM NPEU TSWE	3S / SB	✓	FEX CAF	YL YL	∅	

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 22nd MONTH JAN YEAR 2009 OBSERVER KTSMTW 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
1645	MSKK BBKB LKAJ PGPB TUST ESTJ	OUAL TGLR UMQT MLMU WA	ATAZ OGLO QUTT UNMX MN	OTOM NPEU WETS	3S/SB	✓	FEX CAF	4L	Ø	
1646	Cop. with screams but no dart 7sec. MS→TG male approach.									
1655	MS approached WA who made pant barks before him while avoiding casuall, then MS made attack (3) on her with kicks, slaps and dragging her on the ground, WA tried to retaliated by slaps but in vein, MS left her and made non vocal displays slaping the ground, WA followed him waar barking, PB made non vocal displays and slapping the ground.									
1658	chimps climbed back into FNA 020 at 1S/2E making food barks.									
1700	MSKK BBAJT TUST LKUB PGPB ESTJ	OUAL TGLR QTUM MUML WA	ATAZ OGLO UNMX TTQU MN	OTOM NPEU TSWE	1S/2E	✓	FNA RF		Ø	
1701	KK made non vocal displays on the ground MS fled screaming.									
1702	KK made non vocal displays and buttress bungs others did not respond.									

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 22nd MONTH JAN YEAR 2009 OBSERVER KJSMTW 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
1715	MSKK BBAJ TUST LKYB PGPB ESTJ	OUTG LRQT UMMU MLWA AL	ATAZ OGLO UNMX MNQU TT	OTOM NPEU TSWE	1S 2E	✓	FNA	RF	Ø	
1719	Cop. with screams but no dart 8sec. AJ → TG approach M → F.									CP
1730	MSKK BBAJ TUST LKYB PGPB ESTJ	OUTG ALQT LRUM MUWA ML	ATAZ OGLO UNMX QTTT MN	OTOM NPEU TSWE	1S 2E	✓	FNA	RF	Ø	
"	The rain started again chimps continued feeding									RN
1745	MSKK BBAJ TUST LKYB PGPB ESTJ	OUTG ALQT LRUM MUWA ML	ATAZ OGLO UNMX QTTT MN	OTOM NPEU TSWE	1S 2E	✓	FNA	RF	Ø	
1751	TJ was chased by some one and fled screaming out of the feeding tree, others did not respond.									
1759	on coming out of the feeding tree being followed by OT LK om and many more.									
1800	MSKK BBAJ TUST LKYB PGPB ESTJ	OUTG ALQT LRUM MUWA ML	ATAZ OGLO UNMX QTTT MN	OTOM NPEU TSWE	1S 2E	✓	FNA	RF	Ø	
1803	LK entered into an old nest in a zymalos monospora of about 18 cm dbh at 6metres high and improved.									
1803	PG made non vocal displays and buttress bungs others did not respond.									
1804	TU entered into an old nest in a UVA of about cm dbh at 9metres high and improved it									

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 22nd MONTH JAN YEAR 2009 OBSERVER KJ SM TW 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
1809	mu entered into an old nest in a UVA of about 18 cm dbh at 9 metres hig and improved.									
1811	KK entered into an old nest in a UVA of about 12 cm dbh at 6 metres high and improved it by adding on more leaves.									
1815	MSKK TUST BBAJ LKYB PGPB ESTJ	QUAL TGQT LRWA MUML UM	ATAZ UNMX OGLO QVTT MN	OTOM NPEU TSWE	2E WB	✓	CAF	YL	Ø	
1830	MSKK TUST BBAJ LKYB PGPB ESTJ	QUAL TGQT LRWA MUML UM	ATAZ UNMX OGLO QVTT MN	OTOM NPEU TSWE	"				Ø	
1835	Obs leaving the nests and it was still raining.									

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