DAY 13th MONTH JAN YEAR 2009 OBS-PC KJ TMF/40 FM TW HOW FOUND C

Time	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	ML	GRID	MNK	SP	PT
Estrus																	1																										2				
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																																															
9:00		X	X	X	X	X	X		X	X	X	X					X	X						X	X	X	X	X						X	X						X	X	X	I/27	BWC	URH	RF
9:15		X	X	X	X	X	X		X	X	X	X					X	X						X	X	X	X	X						X	X						X	X	X	I/27	"	URH	RF
9:30		X	X	X	X	X	X		X	X	X	X					X	X						X	X	X	X	X						X	X						X	X	X	I/27		PHY	RF
9:45		X	X	X	X	X	X		X	X	X	X					X	X						X	X	X	X	X						X	X						X	X	X	I/26		PHY	RF
10:00		X	X	X	X	X	X		X	X	X	X					X	X						X	X	X	X	X						X	X						X	X	X	↓		PHY	RF
10:15		X	X	X	X	X	X		X	X	X	X					X	X						X	X	X	X	X						X	X						X	X	X	↓		URH	RF
10:30		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	↓		↓	↓
11:00		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	↓		↓	↓
11:30		X	X	X	X	X	X		X	X	X	X					X	X						X	X	X	X	X						X	X						X	X	X	↓		URH	RF
11:45		X	X	X	X	X	X		X	X	X	X					X	X						X	X	X	X	X						X	X						X	X	X	↓		THV	THV
12:00		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	↓		↓	↓
12:30		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		↓		↓	↓
	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	ML				
13:00		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		↓		THV	THV
13:30		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		↓		—	—
14:00		X	X	X	X	X	X		X	X	X													X	X	X																X		↓		URH	RF
14:15		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		↓		—	—
14:45		X	X	X	X	X	X		X	X	X													X	X	X																X		↓		THV	THV
15:00		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		↓		FOT	RF
15:30		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		↓		↓	↓
16:00		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		↓		FOT	RF
16:30		X	X	X	X	X	X		X	X	X	X												X	X	X	X	X						X	X						X	X		I/26		URH	RF
16:45		X	X	X	X	X	X		X	X	X	X												X	X	X	X	X						X	X						X	X		H/26		↓	↓
17:00		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		↓		↓	↓
17:30		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		↓		URH	RF
18:00		X	X	X	X	X	X		X	X	X	X												X	X	X	X	X						X	X						X	X		↓		THV	THV
18:15		X	X	X	X	X	X		X	X	X	X												X	X	X	X	X						X	X						X	X		H/26		THV	THV
18:30																																															
18:45											X																																	H/26		TTO	YL
19:00											X																																	I/25		TTO	YL
19:15											X																																	I/25		TTO	YL
19:30											X																																	I/26		—	—
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	ML	GRID	MNK	SP	PT
Health		1	1	1	1	1	4		1	1	1	1					1	1						1	1	1	1	1						1	1						1	1	1				

COMMENTS LK sastained injuries one on the face another on the anus after being attacked by someone.

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

UM 2 TG 3 WA 2

DAY 13 MONTH JAN YEAR 2009 OBSERVER KJ FM 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
NB	OBs arrived at the nests and found									
	chimps out of their nests and were no									
	where to be seen Location HE/KS									
850	OBs found chimps by calls at						Adam		1/EST.	
	feeding on URH.									
900	TUMS AJ ES LK UBLK PG PB TJ BB	UMWA TG MU	UN MX TT	EU WE TS INF	Adam/EST	✓	URH	RF	BWC	
915	TUMS AJ ES LK UBLK PG PB TJ BB	UMWA TG MU	UN MX TT	EU WE TS INF	"	✓	URH	RF	BWC	
919	AJ ES feeding on PTH RF.									
920	MX playing with UN by wrestling.									
925	TU grooming MS.									
927	chain groom AJ → TU → MS.									
929	TU grooming MS.									
930	BB TUMS AJ ES LK UBLK PG PB TJ	UMWA TG MU	UN MX TT	EU WE TS INF	Adam/EST	✓	PTH	RF	∅	
935	TU approached UM who made pant grunts									
	and presented to him he respected her									
	by both touching and smelling on the									
	estrous then groomed her.									
937	UM 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

930 - Silent cop and no dart, ↑see. ES → TG approach M → F.

KPC Behavior

DAY 13 MONTH JAN YEAR 2004 OBSERVER KJ FM TW M 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	MS AJ TU ES YB TJ LK PG PB BB	TG UM WA MU	TT MX UN	WE TS EU INF	EB WB	✓	PHY	RF	Ø	
1000	MS AJ TU ES YB TJ LK PG PB BB	TG UM WA MU	TT MX UN	WE TS EU INF	"	✓	PHY	RF	Ø	
1005	Coop with screams and dart, 6 sec. approach									CP TU→TG
	M→F.									
1007	Coop. with screams and dart. 7 sec.						AJ →	TG.		CP
	approach M→F.									
1015	MS AJ LK YB PG PB TJ ES TU BB	TG UM WA MU	UN MX TT	WE TS EU INF	NB EB	✓	URH	RF	Ø	
1027	Coop. with screams and dart 7 sec.						YB →	TG		CP
	approach M→F.									
1035	MS AJ TU ES YB TJ LK PG PB BB	TG UM WA MU	UN MX TT	WE TS EU INF	PG EB	✓	URH	RF	Ø	
1035	Coop with screams and dart 8 sec.						MS →	TG		CP
	approach M→F.									
1045	MS AJ TU ES YB TJ LK PG PB BB	TG UM WA MU	UN MX TT	WE TS EU INF	PG EB	✓	URH	RF	Ø	
1047	Hand clasp mutual groom				LK ↔ TU.					HCG
1048	LK grooming TU after hand clasp.									
1049	LK, PG, TU and some Jd's feeding on THV.									
1100	MS AJ TU ES YB TJ LK PG PB BB	TG UM WA MU	UN MX TT	WE TS EU INF	PG EB	✓	URH	RF	Ø	
1102	Silent coop and no dart 8 sec.						LK →	TG		CP
	approach F→M.									

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 13 MONTH JAN YEAR 2009 OBSERVER KJFMTW 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
1105	Hand clasp mutual groom TU ⟺ BB									HCG
1106	Tu grooming BB after hand clasp.									
1107	Both Tu and AJ are grooming BB									
1109	chain groom Tu → BB → AJ									
1113	Hand clasp mutual groom AJ ⟺ BB									HCG
1114	Both AJ and Tu are grooming BB.									
1115	MS AJ LK YB PG PB ES TJ TU BB	TG UM WA MU	TT MX UN	WE TS EU INF	9E EB	✓	URH	RF	Ø	
1117	Hand clasp mutual Tu ⟺ BB ← AJ									HCG
1119	Tu and AJ are both grooming BB									
1120	corp with screams and dart 6sec Tu → TG									CP.
	approach. M → F.									
1120	MS approached AJ who made pant grunts before									PTG
	him then BB groomed MS.									
1121	PG grooming YB.									
1122	corp with screams and dart 8sec MS → TG									CP
	approach M → F.									
1123	LK grooming BB									
"	AJ grooming TS.									
1124	Tu self groom.									
"	BB 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 13 MONTH JAN YEAR 2009 OBSERVER KJFMTW 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
1125	Hand clasp mutual groom MS ⇔ BB									HCG
1126	BB grooming MS after hand clasp.									
1127	Tu made an arm threat to TT and he avoided									
	him casually and silent.									
1130	MSLK AJBB TUTJ PGPB TJES	TGWA UMMU	MXUN TT	WETS INFEU	9E EB	✓	THV UPH	THV RF	Ø	
"	MS grooming BB									
1134	Mutual groom but not hand clasp MS ⇔ BB									
1135	Chain groom MS → BB → Tu.									
1136	Hand clasp mutual groom Tu ⇔ BB									HCG
1138	chain MS → BB → Tu									
1142	mutual groom Tu ⇔ BB									
1143	Tu and MS are both grooming BB									
1145	MSLK AJBB TUTJ PGPB TJES	TGWA UMMU	MXUN TT	WETS INFEU	9E EB	✓	THV	THV	Ø	
1147	Mutual groom Tu ⇔ AJ									
1154	Tu grooming BB									
1159	Hand clasp mutual groom Tu ⇔ BB									HCG
1200	MSLK AJBB TUTJ PGPB ESTJ	TGWA UMMU	MXUN TT	WETS INFEU	9E EB	✓	THV	THV	Ø	
1201	Tu grooming BB									
1203	Hand clasp mutual groom Tu ⇔ BB									HCG

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

MK

DAY 13 MONTH JAN YEAR 2009 OBSERVER KJFMJW 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
1209	BB grooming Tu									
1210	Hand clasp mutual groom BB ↔ MS									
1213	chain groom Tu → AJ → BB.									
1214	chain groom MS → BB → Tu.									
1215	MS AJ Tu YB BB LK PB PG CS TS	TG MU WA UM	MX UN TT	EL WE INF TS	9E EB	✓	THV	THV	Ø	
"	BB grooming MS									
1216	chain groom Tu → MS → BB.									
1222	MS grooming BB.									
1224	mutual groom Tu ↔ MS ← BB									
1230	MS AJ Tu YB BB LK PB PG CS TS	UM WA MU TG	MX UN TT	EL WE INF TS	9E EB	✓	THV	THV	Ø	
1231	MS BB Tu and YB made joint vocal displays then some one made attack (3) on LK in a poor view and he fled screaming, others made waas, PB also fled silently. LK was left injured on the face and on the anus.									
1233	LK approached PG making soft screams extending a hand, PG ignored.									
1234	some Jd's made vocal displays others made pant hoots.									
1235	some individuals went missing and are out.									

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 MK

DAY 13 MONTH JAN YEAR 2009 OBSERVER KJFMTW 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						
1245	MS AJ TuyB BB PG ES PB LK	TG	TT	CuTS	9E 9S	V	THW	THW	Ø	
1300	MS AJ TuyB BB PG ES PG LK	TG	TT	CuTS	"	V	THW	THW	Ø	
1300	Chain groom MS → BB → Tu.									
1315	MS AJ TuBB yB PG PB LK ES	TG	TT	CuTS	9E 9S	V	THW	THW	Ø	
1321	Tu grooming BB									
1323	BB grooming Tu									
1325	Tu grooming BB.									
1328	TT made attack (I) on PB by hitting him,									
	PB retaliated and slaped him. TT fled									
	screaming TG made wars									
1330	MS BB OB ES Tu PG AS yB LK	TG	TT	CuTS	9E 9S				Ø	
1345	MS BB PB ES Tu PG AS yB LK	TG	TT	CuTS	"				Ø	
1349	PB grooming TS.									
1353	Cop with screams and dart 7see. PG → TG									
	approach M → F									
1400	MS BB PG PB Tu AS LK ES yB	TG	TT	CuTS	9E 9S	V	URH	RF	Ø	
1401	Some one made vocal displays and buttress									
	bungs others made wars.									
1402	yB grooming TT									

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

MK

DAY 13th MONTH JAN YEAR 2004 OBSERVER KJFMTW 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						
1404	TT grooming YB									
11	Hand clasp mutual groom AJ ↔					LK				HCG
1405	YB self groom.									
1406	YB grooming TT.									
1406	Mutual groom after hand clasp.				LK ↔			AJ		
1407	LK grooming AJ									
1411	AJ grooming LK									
1414	LK grooming AJ	as YB grooms him self.								
1415	MS AJ BB YB LK PB JW	TG	TT	TS GW	9E 9S					
11	TT grooming YB									
1418	YB self groom.									
11	AJ grooming LK									
1419	Hand clasp mutual groom AJ ↔				LK					HCG
1420	AJ grooming LK									
1424	LK grooming AJ									
1430	MS AJ BB YB LK PB JW	TG	TT	TS GW	9E 9S				∅	
1431	AJ grooming LK.									
1434	LK grooming AJ									
1439	PB grooming YB									

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 MK

DAY 13 MONTH JAN YEAR 2009 OBSERVER KJFMTW 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
1445	AJ LK YB PG PB ES BB MS TU	TG	TT	EU TS	9E/9S	✓	THV	THV	∅	
1446	TT grooming TG									
1447	AJ approached PB who made pant grunts and groomed him.									PTG
1448	PB self groom.									
1450	TG grooming PG									
1455	COP with screams and dart 7 sec. YB ⇒ TG approach M → F. TT interfered by bitting YB's hand, YB ignored and continued.									CP
1459	PB want to COP with TG but TT interfered by touching on PB and he stoped.									
1500	AJ LK YB PG PB ES BB MS TU	TG	TT	EU TS	9E/8S				∅	
1501	COP for 2 sec. PB → TG then TT interefered by beating PB a slap and he retaliated and kicked him the ran away, TT followed him screaming, others did not respond									
1511	MS and BB made joint non vocal displays AJ PG LK fled pant barking.									PB
1511	chimps joined WA and UM families with NP and TJ.									

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 13th MONTH JAN YEAR 2009 OBSERVER KJFMTW 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
1514	MS made non vocal display and chased TG then made attack ② on TG by kicks, TG retaliated screaming and kicked & slaped him, and at the same time BB chased WA and made attack ① on her by kicks, WA fled screaming.									
1515	MS AJ TUBB LK PG PB ES YB TJ	TG WA UM	UN TT	NP WE EU TS	NB 8S	✓	FOT	RF	∅	
"	MS made non vocal displays and chased TG and made attack ① by a kick, TG fled screaming. at the same time BB chased AJ who fled screaming									
1515	ES made non vocal displays and chased NP and she fled screaming.									
1530	MS AJ TUBB LK PG PB ES YB TJ	TG WA UM	TT UN	NP WE TS EU	NB 8S	✓	FOT URH	RF RF	∅	
1531	Silent cop and dart, 7sec. PG → TG male approach.									CP
1545	MS AJ TUBB LK PG PB ES YB TJ	TG WA UM	TT UN	NP WE TS EU	NB 8S	✓	FOT TURH	RF RF	∅	
1600	MS AJ TUBB LK PG PB ES YB TJ	TG WA UM	TT UN	NP WE TS EU	"	✓	FOT URH	RF RF	∅	
1602	LK made non vocal displays um fled pant barking.									

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

MK

DAY 13 MONTH JAN YEAR 2009 OBSERVER KJFMTW 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
1603	PG approached um who made pant grunts									PTG
	before him and presented, he inspected									
	her by touching on the estrous and									
	smelling on the fingers.									
1615	MSAJ TUBB LKPG PBES YBTJ	TGWA UM	UNTT	WE TS EUNP	NB 8S	✓	FOT	RF	Ø	
1618	Chimps coming down from FOT.									
1620	COP with screams and dart 9sec. BB → TG									CP.
	approach M → F. ES interfered by making									
	non vocal displays, BB ignored.									
1622	PG grooming BB.									
1629	Hand clasp mutual groom BB ↔ PG									HCG
1630	MSAJ TUBB LKPG PBES YBTJ	TGWA UM	UNTT	WE TS EUNP	NB 8S	✓	URH	RF	Ø	
1635	TT grooming TS.									
1637	BB self groom.									
1639	silent COP and dart. 9sec. ES → TG									CP
	approach F → M.									
1640	PG made non vocal displays, ES and TJ fled									
	silently.									
1641	PG made non vocal displays ES fled screaming.									

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 MK

DAY 13 MONTH JAN YEAR 2009 OBSERVER KJFMTW 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						
1642	some individuals feeding in THV others									
	on URH.									
1645	MSAJ TUBB PG ES LK PB EJ YBTJ	TGUM WA	UNTT	WETS EUNP	NB 8S	✓	URH THV	RF THV	∅	
1800	MSAJ TUBB PG ES LK PB EJ YBTJ	TGUM WA	UNTT	WETS EUNP	11	✓	URH THV	RF THV	∅	
1714	WA grooming WE									
1715	MSAJ TUBB PG ES LK PB YBTJ	TG UM WA	UNTT	WETS EUNP	NB 8S	✓	URH THV	RF THV	∅	
1729	TT self groom.									
1730	MSAJ TUBB PG ES LK PB ES YBTJ	TGUM WA	UNTT	WETS EUNP	NB 8S	✓	URH THV	RF THV	∅	
1745	MSAJ TUBB LK PG ES PB EJ YBTJ	TGUM WA	UNTT	WETS EUNP	7S EST	✓	URH	RF	∅	
1750	WA (WE) um (UN) entered into papyrus swamp									
	and started feeding on PPP PITH.									
1754	um (UM) left the swamp.									
1800	MSAJ TUBB PG ES LK PB ES YBTJ	TGUM WA	UNTT	WETS EUNP	7S EST	✓	THV	THV	∅	
1807	AJ grooming BB									
1813	Tu grooming AJ									
1815	TUBB AJ GB IM PG PB ES	UM TG WA	UNTT	WETS EUNP	7S EST				∅	
1818	AJ grooming BB									
1821	chimps entered into the swamp and we									
	abandoned them because of elephants									

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 MK

DAY 13 MONTH JAN YEAR 2009 OBSERVER K JFM TW Found: C FT FFT N Other chance

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1837	CBS found PB looking for others									
1840	PB feeding on TTO YL									
1843	PB				7S NB	✓	110	YL	∅	
1900	PB				4E 3S	✓	110	YL	∅	
1902	Distant calls were heard from three directions									
	one from the north, one from the west and									
	another from the south east, PB listened									
	and then made hoos.									
1912	Distant calls were heard from the east of									
	K115 - PB made vocal displays and									
	ground stamping.									
1915	PB				4S 8E	✓	TTO	YL	∅	
1926	PB joined another group that was									
	already in the nests and he made									
	pant hoots as they did the same.									
1935	PB				7E 6S				∅	
1931	PB started making a night nest in an									
	area of about 89 cm dbh at 30 metres									
	high.									

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