DAY 15th MONTH JAN YEAR 09 OBS-PC SM TMF/40 KJ IC TW HOW FOUND N

	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	SV	GRID	MNK	SP	PT
Estrus																			2	1				3					2			1		2		1												
5:45																																																
6:00																																																
6:15																																																
6:30																																																
6:45																																																
7:00																																																
7:15																																																
7:30	X	X	X	X	X	X	X	X	X	X	X	X												X	X	X			X	X	X												X		J/24	None	—	—
7:45	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		J/25		FNA	RF
8:15	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					
8:45	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					
9:15	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					
9:45	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					
10:15	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					
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			FNA	RF
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			THV	
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			CAF	YL
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			THV	
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			"	
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			FNA	RF
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			THV	
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			"	
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		J/25	None	"	
	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	SV				
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		J/25	None	THV	
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		K/25			
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					
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					
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					
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					
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					
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					
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					
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		K/25			
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		L/24		THV	
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				FOT	RF
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				"	"
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				THV	
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				URH	RF
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		L/24		"	"
17:00	X	X	X	X	X	X	X	X	X	X	X	X																	X	X	X												X		K/25		THV	
17:15																													X	X	X												X					
17:30																													X	X	X												X					
17:45																													X	X	X												X					
18:00																													X	X	X												X					
18:15																													X	X	X												X					
18:30																													X	X	X												X		K/25			
18:45																													X	X	X												X		L/25			
19:00																													X	X	X												X				THV	
19:15																													X	X	X												X				—	—
19:30																													X	X	X												X				—	—
19:45																													X	X	X												X		L/25	None	—	—
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	SV	GRID	MNK	SP	PT
Health	1	1	1	1	1	2	1	1	1	1	1	1							1	1		1	1						1	1	1	1	1	1	2		1				1	1	1					

COMMENTS MS and WE were heard Sneezing and No Monkey's encountered.

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

TG ③ AL ②

KPC Behavior

DAY 15th MONTH JAN YEAR 09 OBSERVER SM KJ lc 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
725	OBS arrived at the nest site. found chimps									
	had already unnested but still around 5 E/WB									
730	LK MS BB ES PB TU KK PG YB TJ AJ	TG AL	AT TT AZ	TS EU	5E WB				Ø	
731	cop. scream and dart appro. F->M 7sec no groom no interference									CP BB->TG
737	Tu grooming MS									
740	MS grooming him self									
742	Tu grooming him self and TT grooming him self									
743	Hand clasp mutual groom Tu<-> MS									HCG
743	Tu groomed MS after hand clasp									
744	MS grooming Tu									
745	LK MS BB ES PB TU PG KK YB TJ AJ	TG AL	AT TT AZ	TS EU	5E WB				Ø	
745	MS was heard sneezing									
746	Tu grooming MS									
748	Chimps started moving on ground									
750	cop. scream no groom appro. M->F 6sec no groom no interference									CP Tu->TG
752	cop. scream no dart appro. M->F 7sec no groom no interference									CP MS->TG
754	PB made non vocal displays and slapping the									
	ground AL AT made pant barks									
755	TG approach pant grunting to MS he ignored									PTG
758	Some individuals climbed into FNA tree making pant hoots 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 15th MONTH JAN YEAR 09 OBSERVER TW FM SM KT IC 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						
800	KK TU YB ES MS PG PB BB LK TJ AJ	TG AL	TT AT AZ	TS EU	1S/2E	✓	FNA	RF	Ø	
800	Some one made non vocal displays and buttress bungs Others made pant barks									
801	KK made made non vocal displays and slapping the ground No one responded									
809	KK made non vocal displays and buttress bungs									
	no one responded									
819	KK TU YB ES MS PG PB BB LK TJ AJ	TG AL	TT AT AZ	TS EU	1S/2E	✓	FNA	RF	Ø	
823	KK Inspecting TG by Smelling on her estrous									
825	Cop. Scream no dart appro. M→F 6sec no groom no interference									CP MS→TG
827	Cop. Scream and dart appro. M→F 4sec no groom no Interference									CP TU→TG
830	KK TU YB ES MS PG PB BB LK TJ AJ	TG AL	TT AT AZ	TS EU	2E/1S	✓	FNA	RF	Ø	
831	Cop. Scream and dart appro. M→F 6sec no groom no interference									CP TU→TG
845	KK TU YB ES MS PG PB BB LK TJ AJ	TG AL	TT AT AZ	TS EU	1S/2E	✓	FNA	RF	Ø	
900	KK TU YB ES MS PG PB BB LK TJ AJ	TG AL	TT AT AZ	TS EU	4	✓	4	4	Ø	
912	Some one chassed AL in a feeding tree. She fleed									
	Screaming									
915	KK TU YB ES MS PG PB BB LK TJ AJ	TG AL	TT AT AZ	TS EU	1S/2E	✓	FNA	RF	Ø	
916	AL approach	Pant barking to MS he ignored								
916	TJ made vocal displays and buttress bungs but no one responded									

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

OU (2) OT (1)

KPC Behavior

DAY 15th MONTH JAN YEAR 09 OBSERVER SM KT FM (IC 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
930	KK TU PG YB BB PB ES LK MS TJ AJ	TG AL	TT AT AZ	TS EU	1S/2E	✓	FNA	RF	Ø	
945	KK TU PG YB BB PB ES LK MS TJ AJ	TG AL	TT AT AZ	TS EU	"	✓	"	"	Ø	
1000	KK TU PG YB BB PB ES LK MS TJ AJ	TG AL	TT AT AZ	TS EU	"	✓	"	"	Ø	
1014	OU OM OT OG joined the party Others made pant hoots									
1015	LK AJ MS PG PB BB YB ES TJ TU KK	OU TG AL	TT AT AZ OG	TS OT OM EU	1S/2E	✓	FNA	RF	Ø	
1016	Males made non vocal displays in a bad view and some one chassed TJ who fled screaming									
1028	PG chassed TJ who fled screaming both leaving a feeding tree others didn't respond									
1030	LK AJ MS PG PB BB YB ES TJ TU KK	OU AL TG	TT AT AZ OG	TS OT OM EU	1S/2E	✓	FNA	RF	Ø	
1030	PG made non vocal displays on ground TJ and some one made waar barks									
1031	AL grooming AT									
1035	PG grooming MS									
1040	MS grooming PG									
1041	Hand clasp mutual groom PG ↔ MS									Hcg
1042	MS groomed PG after hand clasp									
1044	Hand clasp mutual groom PG ↔ MS									Hcg
1045	LK TU BB PG KK MS YB PB ES TJ AJ	OU AL TG	TT AT AZ OG	TS OT OM EU	1S/2E	✓	FNA	RF	Ø	
1045	PG groomed MS after hand clasp									
1047	MS grooming PG									

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 15th MONTH JAN YEAR 09 OBSERVER SM KJ FM (CTW) 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
1049	Hand clasp mutual groom pg ←→ ms									Hcg
1049	pg grooming ms after hand clasp									
1049	Some one chassed ES in abad view he fled									
	Screaming others made waars									
1050	Chimps leaving the feeding tree and moved									
	into THV									
1050	BB grooming ms									
1051	Hand clasp mutual groom ms ←→ BB									Hcg
1052	ms groomed BB after hand clasp									
1053	cop. scream and dart appro. M → F (see no groom no interference									CP ms → Tg
1054	cop. scream no dart appro. F → M (see no groom no interference									CP BB → Tg
1057	Tu grooming BB									
1100	LK KK AJ MS PG PB ES BB TJ YB TU	AL Tg OU	OG AT AZ TT	EU OT OM TS	1S/2E	✓	THV		Ø	
1103	Hand clasp mutual groom Tu ←→ BB									Hcg
1104	BB groomed Tu after hand clasp									
1115	LK KK AJ MS PG PB ES BB TJ YB TU	AL Tg OU	OG AT AZ TT	EU OT OM TS	1S/1E	✓	CAF THV	YL	Ø	
1116	YB made non vocal displays and ES joined									
	him making non vocal displays towards pg									
	who chassed ES he fled Screaming and Tg									
	fled pant barking climbing a tree.									

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 15th MONTH JAN YEAR 09 OBSERVER ICTW SMKJFM 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						
1117	Cop. Scream no dart appro. M→F 8sec no groom no interference									CP YB→TS
1119	AJ made non vocal displays and PB fled									
	Screaming and AJ continued displaying he									
	made buttress bangs									
1121	Cop. Scream and dart appro. M→F 7sec no groom no interference									CP AJ→TS
1130	AJ KK LK MS BB TJ YB PB PG TU ES	OU TG AL	TT AT AZ OG	OT TS EU OM	IS IE	✓	THV		Ø	
1133	AJ moved towards ES who fled screaming and he									
	made indirect attack (1) to TS with a kick she									
	avoid casual screaming then ES continued									
	making non vocal displays in after at same									
	time AJ moved towards MS while making									
	soft screams then AJ groomed MS									
1145	AJ KK LK MS BB TJ YB PG PB TU ES	OU TG AL	TT AT AZ OG	OT OM EU TS	IS IE	✓	THV		Ø	
1200	AJ KK LK MS BB TJ YB PG PB TU ES	OU TG AL	TT AT AZ OG	OT OM EU TS	N	✓	FNA	RF	Ø	
1215	AJ KK LK MS BB YB TJ PG PB TU ES	OU AL TG	TT AT AZ OG	OT OM TS EU	N	✓	THV		Ø	
1215	Chain groom MS → YB → AJ									
1216	Cop. Scream no dart appro. M→F 8sec no groom no interference									CP MS→TS
1219	Cop. no scream with dart appro. M→F 7sec no groom then KK LK									
	BB interfered by mouse (NVS) towards them ES stoped									
1220	ES chassed TT who fled pant barking Others									
	didn't 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

1150 OU OM OG OT feeding on FNA ripe fruits

KPC Behavior

DAY 15th MONTH JAN YEAR 09 OBSERVER ICTW SMKJFM 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
1222	Pg grooming KK									
1223	KK grooming pg									
1224	Hand clasp Mutual groom Pg <-> KK <- Ms									Hcg
1225	Chain groom Ms -> KK -> pg									
1225	Chain groom Ms -> KK -> TU									
1226	Ms grooming BB									
1227	Silent cop. no dart appro. F -> M 8sec no groom no interference									CP BB -> Tg
1228	LK made -> vocal displays and KK joined him with non vocal displays both made buttress then Tg fled screaming climbing up a tree									
1230	KK TU MS PG PB JB ES TJ AJ LK BB	AL Tg OU	OG AT AZ TT	EU OT OM TS	1E/WB	✓	THV		Ø	
1230	AJ grooming BB and TU grooming MS then KK grooming LK									
1233	Hand clasp mutual groom KK <-> LK									Hcg
1235	LK groomed KK after hand clasp									
1235	ES grooming EU									
1236	cop. Scream no dart appro. M -> F 8sec he groomed her after no interference									CP LK -> Tg
1245	KK TU ES TJ AJ LK MS PG PB BB LK	OU AL Tg	TT AT AZ OG	TS OT OM EU	1E/WB	✓	THV		Ø	
1246	Cop. Scream no dart appro M -> F 8sec no groom no interference.									CP TU -> Tg

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

WA (2)

KPC Behavior

DAY 15th MONTH JAN YEAR 09 OBSERVER SM JW FM KJ IC 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						
1248	AJ grooming KK and JS grooming TT									
1250	KK grooming BB									
1252	BB grooming KK									
1255	LK and KK both grooming BB									
1300	LK AJ KK PG PB MS JB BB TU ES TS	OU AL TG	TT AZ AT DG	EU OM DL TS	IE WB	✓	THV		Ø	
1300	LK grooming himself									
1301	Someone was chassed in a bad view who fled screaming									
1302	Hand clasp mutual groom				AJ ↔	KK				HCG
1309	Someone was chassed in THV who fled screaming									
	Others made pant barks									
1315	LK KK AJ PG PB TS MS JB BB TU ES	OU AL TG WA	TT AZ AT DG	EU OT OM TS WE NP	SB WB	✓	THV		Ø	
1330	LK KK AJ PG PB TS MS JB BB TU ES	OU AL TG WA	TT AZ AT DG	EU OT OM TS WE NP	n	✓	n		Ø	
1330	PG chassed WA who fled screaming climbing up a tree and OT DG fled silent									
1342	PG chassed WA who fled screaming climbing a tree PG followed her and he made attack (3) to WA with kicks and biting her. WA screamed and retaliate by making attack (1) to PG with slaps while screaming and KK intervened by making (NVD) PG avoid casual silent high up in a tree and OT DG fled pant barking									

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

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

1313 WA WE NP joined the party in THV no calls were made.

QT (1) LR (1)

KPC Behavior

DAY 15th MONTH JAN YEAR 09 OBSERVER SM 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
1345	KK PG PB LK AJ MS YB BB TU ES TJ	WA TG OU AL	TT AT AZ OG	NP OT OM TS EU WE	SB/WB	✓	THV		Ø	
1352	Pg made non vocal displays towards WA and AL both fled pant barking climbing up tree's									
1400	KK PG PB LK AJ MS YB BB TU ES TJ	WA OU TG AL	TT AT AZ OG	NP OT OM TS EU WE	SB/WB	✓	THV		Ø	
1408	OU presented to KK who Inspected her by smelling on estrous									
1409	WA approach pant grunting to KK and presented to him he Inspected her by touch on estrous and smell on fingers									PTG
1415	KK TU BB ES YB PG PB TJ AJ LK MS	WA OU TG AL	TT AT AZ OG	NP OT OM TS EU WE	SB/WB	✓	THV		Ø	
1418	LR (LO) QT (QV) joined the party then LK and AJ made joint non vocal displays towards QT who fled pant barking climbing up a tree									
1418	BB approached QT she pant grunted to him he ignored then QT groomed BB shortly									PTG
1419	MS approached QT she pant grunted to him then MS Inspected her by touch on estrous and smell on fingers									PTG
1430	KK TU MS BB YB AJ TJ ES LK PB PG	LR TG AL OU QT WA	QV LO TT AT AZ OG	TS OT OM EU NP WE	WB/crd	✓	THV		Ø	
1438	LK and TU both grooming BB									

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

1358 WE was heard sneezing

KPC Behavior

DAY 15th MONTH JAN YEAR 09 OBSERVER SMKJFM ICTW 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
1440	Hand clasp mutual groom BB <-> TU									
1442	TU groomed BB									
1444	QT approach pant grunting to LK she extended hand									PTG
	to him LK ignored									
1444	LR approach pant grunting to TU and they made									PTG Hcg
	hand clasp mutual groom TU <-> LR									
1445	KK JM BB/IJ ES YB MS AJ PG LK PB	LR AL BT TG OU WA	QV TT AI VO OG AZ	EU TS OM NP OT WE	WB/crd	✓	THV		∅	
1445	TU groomed LR after hand clasp									
1446	BB grooming LR									
1447	Hand clasp mutual groom LR <-> BB									Hcg
1447	TU grooming him self									
1449	LR and LK both grooming TU									
1450	Chain groom LR -> TU -> LK									
1451	chain groom LR and LK -> BB -> TU									
1453	LR grooming BB and LK grooming TU									
1459	LK and BB made joint non vocal displays then									
	LK chassed WA who fled screaming									
1500	KK BB MS TU ES YB PG TJ PB AJ LK	LR AL AT TG OU WA	QV TT AZ VO OG AT	EU TS OM NP OT WE	WB/crd	✓	THV		∅	
1500	Hand clasp mutual groom AJ <-> KK									Hcg
1501	LK grooming TU and LR grooming BB									

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

1453 PB grooming WA
1455 Hand clasp mutual groom PB <-> WA (HCG)
1455 ES playing with WE by make soft bites each other (AP)

KPC Behavior

DAY 15th MONTH JAN YEAR 09 OBSERVER ICTW SMKJFM 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
1506	LR grooming LK									
1507	Hand clasp mutual groom LR				↔		LK			Hcg
1508	AJ grooming KK									
1508	LR groomed LK after hand clasp									
1510	YB grooming him self									
1515	KK MS LK TU BB AJ YB PG PB ES TJ	LR TG AL OU QT WA	OG AZ LO AT QV TT	EU OM OT NP TS WE	WB crd	✓	THV		Ø	
1519	Hand clasp mutual groom AJ				↔		LR			Hcg
1522	Hand clasp mutual groom YB				↔		LR			Hcg
1523	LK grooming YB									
1530	KK MS LK TU BB AJ YB PG PB ES TJ	LR TG AL OU QT WA	OG AZ LO AT QV TT	EU OM OT NP TS WE	WST crd	✓	THV		Ø	
1532	Some ID's climbed into FOT tree and started feeding on ripe fruits									
1545	KK MS LK TU BB AJ YB PG PB ES TJ	LR TG AL OU QT WA	OG AZ LO AT QV TT	EU OM OT NP TS WE	WST crd	✓	FOT THV	RF	Ø	
1549	AJ chassed wa who fled screaming AJ followed her then he made attack (1) to wa with kicks and slaps she screamed but not avoid.									
1600	KK MS LK TU BB AJ YB PG PB ES TJ	LR TG AL OU QT WA	OG AZ LO AT QV TT	EU OM OT NP TS WE	WST crd	✓	FOT THV	RF	Ø	
1614	Chimps leaving the feeding tree and reach on ground then moving									
1615	KK MS LK TU BB AJ YB PG PB ES TJ	LR TG AL OU QT WA	OG AZ LO AT QV TT	EU OM OT NP TS WE	WST crd	✓	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 15th MONTH JAN YEAR 09 OBSERVER TW SM KJK 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
1622	KK LK LR (Lo) climbed in URH vein all making food									FBK
	barks and started feeding ripe fruits									
1630	KK PG PB ES BB MS TU AJ TJ YB LK	LR WA AL TG OU QT	QV TT AZ LO AT OG	EU TS NP OT OM WE	WST crd	✓	URH THV	RF	Ø	
1643	AJ grooming him self									
1644	KK feeding Brown soil from the hole									
1645	KK PG PB ES BB MS TU AJ TJ YB LK	LR WA AL TG OU QT	QV TT AZ LO AT OG	EU TS NP OT OM WE	WST crd	✓	URH THV	RF	Ø	
1647	Some ID's left the party and moved away TW followed them.									
1700	KK LK AJ TU ES MS PB PG BB YB	TG WA	TT	NP TS WE EU	27 crd	✓	THV		Ø	
1715	KK AJ TU ES MS PB PG LK BB YB	TG WA	TT	NP TS WE EU	"	✓	"		Ø	
1730	KK AJ TU ES MS PG PB LK BB YB	TG WA	TT	NP TS WE EU	"	✓	"		Ø	
1745	KK AJ TU ES MS PG PB LK BB YB	TG WA	TT	NP TS WE EU	"	✓	"		Ø	
1800	KK AJ TU ES MS PG PB LK BB YB	TG WA	TT	NP TS WE EU	"	✓	"		Ø	
1815	KK AJ TU ES MS PG PB LK BB YB	TG WA	TT	NP TS WE EU	"	✓	"		Ø	
1830	KK AJ TU ES MS PG PB LK BB YB	TG WA	TT	NP TS WE EU	"	✓	"		Ø	
1833	WA approach pant grunting to ES and she presented									PTS
	to him then he Inspected her by touch and smelling									
	on estrous									
1845	KK AJ TU ES MS PG PB LK BB YB	TG WA	TT	NP TS WE EU	M/28	✓	THV		Ø	
1900	YB AJ TU ES MS PG PB LK BB KK	QT TG WA	TT QV	NP TS WE EU	"	✓	"		Ø	
1914	BB build aright nest and rest tree = TEC HT = 5m Dbh = 12cm									

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

1858 QT QV joined the party but no calls were made.

KPC Behavior

DAY 15th MONTH JAN YEAR 09 OBSERVER IC SMKTFM 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						
1915	KK YB TU ES PB AJ BB LK PG MS	QT TG WG	TT GV	NP TS WE EM	M/28				Ø	
1915	Some ID's were already in nests resting in adad									
	View									
1918	QT build a night nest and rest tree = Olea HT =									
	38M Dbh = 50 cm									
1927	WG build a night nest and rest tree = Olea HT = 33m									
	Dbh = 45 cm									
1930	KK AJ YB BB TU ES MS PG PB LK	QT TG WG	TT GV	NP TS WE EM	M/28				Ø	
1932	KK build a night nest in darkness					tree = ?			HT = 7m	
1945	KK AJ YB BB TU ES MS PG PB LK	QT TG WG	TT GV	NP TS WE EM	M/28				Ø	
1950	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