DAY 16 MONTH 01 YEAR 09 OBS-PC SJ TMF/40 SM IC MK 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	JK	HH	LS	NP	EU	BW	WC	GRID	MNK	SP	PT
Estrus														1					2		2			3								1		2		1						1						
5:45																																																
6:00																																																
6:15																																																
6:30																																																
6:45																																																
7:00																																																
7:15	X	X	X	X	X	X	X	X	X	X	X	X												X	X									X	X		X					X	X		M/25	-	FNA	RF
7:30	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			-		
8:00	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			-		
8:30	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			-		
9:00	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			-		
9:30	X	X	X	X	X		X	X	X	X	X	X												X	X						X	X		X		X					X	X			BLU		
9:45	X	X	X	X	X		X	X	X	X	X	X												X	X						X	X		X		X					X	X			BLU		
10:00	X	X	X	X	X		X	X	X	X	X	X												X	X						X	X		X		X					X	X			BLU		
10:15	X	X	X	X	X		X	X	X	X	X	X												X	X						X	X		X		X					X	X			BLU	↓	↓
10:30	X	X	X	X	X		X	X	X	X	X	X												X	X						X	X		X		X					X	X			BLU	FNA	RF
10:45	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			-	THN	THN
11:15	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			-		
11:45	X	X	X	X	X		X	X	X	X	X	X												X	X						X	X		X		X					X	X			-	THN	THN
12:00	X	X	X	X	X		X	X	X	X	X	X												X	X						X	X		X		X					X	X			-	PHN	RF
12:15	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			M/25	-	THN	THN
12:45	X	X	X	X	X		X	X	X	X	X	X												X	X						X	X		X		X					X	X			L/24	-	THN	THN
	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	BW	WC				
13:00	X	X	X	X	X	X	X	X	X	X	X	X												X	X						X	X		X		X					X	X			L/24	-	THN	THN
13:15	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				-		
13:45	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				-		
14:15	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				-	↓	↓
14:45	X	X	X	X	X	X	X	X	X	X	X	X												X	X						X	X		X		X					X	X				-	THN	THN
15:00	X	X	X	X	X	X	X	X	X	X	X	X												X	X						X	X		X		X					X	X				-	FOT	RF
15:15	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				-	FOT	RP
15:45	X	X	X	X	X	X	X	X	X	X	X	X												X	X						X	X		X		X					X	X				-	URH	RF
16:00	X	X	X	X	X	X	X	X	X	X	X	X												X	X						X	X		X		X					X	X				-	THN	THN
16:15	X	X	X	X	X	X	X	X	X	X	X	X												X	X						X	X		X		X					X	X			L/24	-	"	"
16:30		X	X	X	X	X	X	X	X	X	X	X												X	X						X	X		X		X					X	X			K/25	-	"	"
16:45		X	X	X	X	X	X	X	X	X	X	X												X	X						X	X		X		X					X	X			T/25	-	FNA	RF
17:00		X	X	X	X	X	X	X	X	X	X	X												X	X						X	X		X		X					X	X			"	-	FNA	RP
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			"	-	"	"
18:00					X	X	X	X	X	X	X																																				K/25	-	—	—
18:15			X	X	X	X	X	X	X	X	X	X												X	X																							-	THN	THN
18:30			X	X	X	X	X	X	X	X	X	X												X	X																							-		
18:45			X	X	X	X	X	X	X	X	X	X												X	X																							-		
19:00			X	X	X	X	X	X	X	X	X	X												X	X																							-	THN	THN
19:15			X	X	X	X	X	X	X	X	X	X												X	X																							-	"	"
19:30			X	X	X	X	X	X	X	X	X	X												X	X																							-	—	—
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	BW	WC	GRID	MNK	SP	PT
Health	1	1	1	1	1	1	2	1	1	1	1	1							1		1			1	1	1						1	1		1		1			1	1	1						

COMMENTS 1824 LK 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

TG → (3) WA → (2) LR → (1) QT → (1)

KPC Behavior

DAY 16 MONTH 01 YEAR 09 OBSERVER SJSM ICMK 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
710	OBS found chimps at fruiting tree. FNA #0[illegible]									
715	KK PB MS ES PG AJ LK ST TU BB YB	TG WA QT	TT QV	NP WE TS EU	R/24	✓	FNA	RF	Ø	
730	MS KK PB ES PG BB TU ST YB AJ LK	TG WA QT	TT QV	NP WE TS EU	R/24	✓	"	"	Ø	
734	Copulation Male approach 7 sec TU → TG									CP
	no screams but there's dart.									
739	PG made non-Vocal displays in the feeding									
	tree TG and someone both fled silent EU fled screaming									
741	Copulation female approach TG → PG 8 sec									CP
745	MS KK PB ES PG ST TU AJ YB BB LK	TG WA QT	TT QV	NP WE TS EU	R/24	✓	FNA	RF	Ø	
746	ST LR (Lo) joined the party, LR Made pant-barks									
	some IDS Made pant-hoots.									
750	Chimps separated.									
800	ES PB TU KK PG YB MS ST BB AJ	TG WA LR	TT Lo	NP WE TS EU	R/24	✓	FNA	RF	Ø	
811	WA grooming PB									
"	KK grooming AJ									
812	Handclasp Mutual with a branch KK ⇆									HCG AJ
814	AJ grooming KK - after handclasp.									
815	KK BB AJ ST YB MS TU ES PB	TG WA LR	TT Lo	NP WE TS EU	R/24	✓	FNA	RF	Ø	
822	KK grooming AJ									
825	TU Climbed down from FNA,									

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 16 MONTH 01 YEAR 09 OBSERVER ST SM IC TW MKE 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
825	AJ grooming KK									
827	TU grooming BB									
828	Handclasp Mutual groom				TU	⟷	BB			Hcg
829	TU grooming BB after handclasp.									
829	Handclasp Mutual groom TU				⟷		BB			Hcg
830	TU groom BB after handclasp.									
830	KK BB TU ST AJ YB ES PB MS PG	TG WA LR	TT LO	NP WE TS EN	R/24	✓	FNA	RF	∅	
834	AJ grooming himself..									
839	Wa made attack (1) to TT with a slap and									
	TT screamed but didn't avoid. then PB intervened									
	by making attack (1) to Wa and she fled									
	screaming.									
843	PG climbed down from FNA.									
845	MS KK BB AJ ST YB PG PB ES	TG LR Wa	TT LO	WE EN NP TS	R/24	✓	FNA	RF	∅	
847	ST grooming MS									
850	KK grooming AJ									
853	Copulation male approach				KK	→	TG	bsk		CP
	Silent									
854	PG approach LR, she pant-grunted and									PTG
	groomed 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 16 MONTH 01 YEAR 09 OBSERVER ST SM TW IG 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
855	Handclasp Mutual groom				PG ⇄ LR					Hcg
856	LR grooming PG after handclasp.									
11	Handclasp Mutual groom				PG ⇄ LR					Hcg
857	PG groom LR after handclasp.									
858	Mutual groom	PG ⇄ LR								
858	BB grooming TJ.									
859	MS grooming ST									
900	MS KK BB AJ ST YB PG ES PB TJ	LR TG WA	TT LO	NP EY TS WE	R/24	✓	FNA	RF	∅	
11	TJ grooming BB									
900	Handclasp Mutual groom				LR ⇄ PG					Hcg
901	LR grooming PG after handclasp.									
915	MS KK BB AJ ST YB PG ES PB TJ	LR TG WA	TT LO	NP EY TS WE	R/24	✓	FNA	RF	∅	
11	QT (QV) joined the party									
930	MS KK BB AJ ST YB ES PB PG TJ	LR TG WA QT	TT LO QV	NP EY TS WE	R/24	✓	FNA	RF	BLU	
933	Handclasp Mutual groom				LR ⇄ PG					Hcg
934	LR groom PG after handclasp.									
945	MS KK BB AJ ST YB ES PB PG TJ	LR TG WA QT	TT LO QV	NP EY TS WE	R/24	✓	FNA	RF	BLU	
1000	MS KK BB AJ ST YB ES PB PG TJ	LR TG WA QT	TT LO QV	NP EY TS WE	R/24	✓	FNA	RF	BLU	
1010	TJ joined the party without making any calls									
1015	MS KK BB AJ ST YB ES PB PG TJ	LR TG WA QT	TT LO QV	NP EY TS WE	R/24	✓	FNA	RF	BLU	

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

916 QT pant-grunts to MS and ST and they both ignored

926 LR playing with LO by LR making soft bites on LO

KPC Behavior

DAY 16 MONTH 01 YEAR 09 OBSERVER SJ SM IC TW Found: C (FT) PFT N Other_____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1020	WA grooming NP.									
1021	NP grooming WA									
1024	ES grooming EY									
1026	PB approach AJ he pant-barked to him									
	and extended a hand			AJ ignored						
1027	Copulation Male approach PB → TG							4 sec		CP
	With interference, TT made				WA ar-bark					
	and arm threat, and ES made				non-vocal displays					
	Then TG and PB both fled silent									
1028	Copulation male approach ES → TG 8 sec									CP
	With no screams no dart.									
1030	MS KK BB AJ SI QT LR YB TU PG PB ES EY WA TG		TT LO	WE EY NP TS	R/24	V	FNA	RF	BLU	
1031	Copulation male approach				ST → TG 55sec					CP
	there's interference, PG and KK made non-vocal									
	displays and KK made attack Q to TG with									
	a kick and TG avoid Casual screaming									
1032	QT grooming YB									
1033	AJ grooming MS.									
1044	MS KK BB AJ ST YB TU PG PB ES EY	QT LR WA TG	TT LO	WE EY NP TS	R/23				∅	
11	Copulation Male approach PG →				TG 8 sec					CP

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

With dart - no scream

1034 chimps climbed down from FNA.

KPC Behavior

DAY 16 MONTH 01 YEAR 09 OBSERVER SJSM TWIC 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
1048	YB grooming NP.									
1048	LR broke a dry branch again broke it into two pieces. Using the teeth, she lastly insert in a finger and fed on the carpenter bee honey while RT looks on at a close distance.									
1055	LR abandoned the dry branch and RT picked it and insert a finger and found nothing and dropped it									
1057	NP picks the same piece of wood and insert her finger into the hole and started licking the her fingers eating the honey.									
1100	MS KK BB AJ ST YB TU PG PB ES TJ	RT LR WA TG	TT LO	WE EG NP TS	R/33	V	THV	THV	∅	
1109	Someone was chased in a dense view and he fled screaming and others didnt respond									
1111	Copulation Male approach KK → TG see CP with Screams no dart Copulation									
1112	someone chassed EG in bad view and he fled screaming towards MS, then MS made non Vocal displys YB and BB joined MS with NVD and									

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

BB chassed EG and he fled screaming Others made waar bare

1059 some IDs feeding THV

KPC Behavior

DAY 16 MONTH 01 YEAR 09 OBSERVER SJ SM TW, C 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
1113	KK made non-Vocal displays and Others didnt respond									
1115	MS KK AJ ST TY TG LR YB PG PB ES TJ BB WA QT		LO TT QV	WE EM TS NP	R/21	V	THV	THV	∅	
1121	Copulation Male approach MS → TG with screams no dark								7sec	
1122	BB made non-Vocal displays and Someone fled Screaming and at the Sametime KK made non-Vocal displays and PG joined him with non-Vocal displays and TT and TS fled climbing trees TS made Screams.									
1130	MS KK BB AJ ST TY YB PG ES TJ KK	TG LR WA QT	LO TT QV	WE EM TS NP	R/21	V	THV	THV	∅	
1133	BB made none Vocal displays and YB avoid fled screaming									
1145	MS KK BB AJ ST TY YB PG ES TJ KK	TG LR WA QT	LO TT QV	WE EM TS NP	P/21	V	THV	THV	∅	
1200	MS KK BB KK ST AJ TY YB PG ES TJ	TG LR WA QT	LO TT QV	WE NP EM TS	O/21	V	PHY	RF	∅	
1202	ES made non-Vocal displays chassed TG she fled screaming then after TG retaliated branch Shook Chassed ES and he fled making non-Vocal displays, and at same time TG threatened TT by branch Shaking and TT screamed but didnt avoid.									

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

1116 KK Joined the party making Vocal displays

KPC Behavior

DAY 16 MONTH 01 YEAR 09 OBSERVER SJ SM TW IC 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
1204	Copulation male approach				PB → TG 6 sec					CP
	With no screams and no dart, but TT interfered by making Waar-barks then PB made									
	attack ① to TT with a kick and he fled									
	screaming									
1215	MS KK BB AJ ST TU YB PG ES TJ PB LK	TG LR WA QT	LO TT QV	WE EM TS NP	O/ 21	✓	THV PHY	THV RF	∅	
1223	Copulation female approach TG → PG 8sec									CP
	With screams and dart.									
1224	TG grooming TS									
1225	PG Wipped his penis with leaves after									
	Copulation and he licked the leaves after.									
1230	MS KK BB AJ ST TU LK YB PG PB ES TJ	TG LR WA QT	LO TT QV	WE EM TS NP	O/ 21	✓	THV	THV	∅	
1232	ES made vocal displays and buttress bangs and									
	Others didn't respond.									
1245	MS KK BB AJ ST TU LK YB PG PB ES	TG LR WA QT	LO TT QV	WE EM TS NP	N/ 21				∅	
1390	MS KK BB AJ ST TU LK YB PG PB BT	TG QT WA LR	LO TT QV	NP EM TS WE	2/ CEN	✓	THV	THV	∅	
1306	LK Made attack ① to NP with kicks and NP made									
	Screames but didn't avoid, but she afterwards									
	followed LK while screaming.									
1315	MS KK BB AJ ST TU LK YB PG PB ES TJ	TG QT WA LR	LO TT QV	NP EM TS WE	2/ 10	✓	THV	THV	∅	

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

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

KPC Behavior

DAY 16 MONTH 01 YEAR 09 OBSERVER SJ SM TW IC 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
1330	MS KK BB AJ ST TU LK YB PG PB ES TJ	TG WA LR QT	QV LO TT	TS EM NP WE	2/CR	✓	THV	THV	∅	
1345	MS KK BB AJ ST TU LK YB PG PB ES TJ	TG WA LR QT	QV LO TT	TS EM NP WE	B/FOT	✓	THV	THV	∅	
1400	MS KK BB AJ TU ST LK YB PG PB ES TJ	TG WA LR QT	QV LO TT	TS NP WE EM	"	✓	"	"	∅	
1415	MS KK BB AJ TU LK ST YB PG PB ES TJ	TG WA LR QT	QV LO TT	TS NP WE EM	B/FOT	✓	"	"	∅	
1424	someone was attacked in THV						he made			Scream
	MS and others made pant-barks									
1430	MS KK BB AJ TU LK ST YB PG PB ES TJ	TG WA LR QT	QV LO TT	TS NP WE EM	B/FOT	✓	THV	THV	∅	
1445	MS KK BB AJ TU ST LK YB PG PB ES TJ	TG WA LR QT	QV LO TT	TS NP WE EM	B/FOT	✓	"	"	∅	
1452	some IDs came out of			THV						
1459	some IDs climbed into			FOT	for feeding					
1500	KK ES PG MS BB TJ AJ ST TU LK PG YB PB	TG WA QT LR	QV TT LO	TS NP EM WE	WST/CR	✓	FOT	RF	∅	
1515	MS KK BB AJ LK TU ST YB PG ES PB TJ	TG WA QT LR	QV TT LO	TS NP EM WE	"	✓	FOT	RF	∅	
1530	MS KK BB TJ AJ LK TU ST LK PG YB PB	TG WA QT LR	QV TT LO	TS NP EM WE	"	✓	"	"	∅	
1531	PG makes non-vocal displays and others do not									
	respond									
1538	Chimps climbed down from				FOT					
1547	BB and ST made ___			non-vocal displays						
	LK joined them with vocal displays and LK									
	chased PB he fled screaming									
1556	Copulation Male approached ST →				TG 7sec					CP

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

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With screams no dart.

KPC Behavior

DAY 16 MONTH 01 YEAR 09 OBSERVER ST SMT WIC 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
1545	MS KK BB AJ ST TU LK YB PG PB ES TT	QT LR WG TG	TT LO QV	TS NP EU WE	WST CRD	✓	URH	RF	Ø	
1547	BB Made non-vocal displays chassed TG									
	and made attack ① to her with a kick and									
	she screamed but didn't avoid									
1558	QT approach pant-grunt and present to LK									PTG
	and LK inspected by touching her estrous									
	and smell of his fingers and LK groom									QT
1558	WL (WC) joined the party making pant-barks									
	and others didn't espond									
1600	MS KK BB AJ ST LK TU YB PG PB ES TT	QT WL TG WG LR	WC QV LO TT	TS NP EU WE	27 CRD	✓	THV	THV	Ø	
1607	QT approach pant-grunt and present to PG									PTG
	and PG groomed her.									
1608	QT grooming PG									
1612	WL approach pant-grunt and present to PG									PTG
	and he inspected her by touching her estrous									
	and smell on estrous and on the fingers and groomed her shortly.									
1615	MS KK BB AJ ST LK TU YB PG PB ES TT	QT WL TG LR WG	WC QV TT LO	TS NP EU WE	27 CRD	✓	THV	THV	Ø	
1630	MS KK TU LK PG PB ES BB	QT WL WG LR	QV WC LO	NP EU WE	WB SB	✓	THV	THV	Ø	
1638	Chimps climbed into FNA #020 making food									
	barks									FBK

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

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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

1550 Chimps entered into THV for feeding

1629 Chimps separated

OT → (2) OU → (2)

KPC Behavior

DAY 16 MONTH 01 YEAR 09 OBSERVER SJSMTWMU 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						
1645	MS KK TU LK PG PB ES BB	QT WL WA LR	QV WC LO	NP EH WE	2E/1S	✓	FNA	RF	⊘	
1700	KK TU LK BB PG PB ES	QT WL WA LR	QV WC LO	NP WE EH	2E/1S	✓	FNA	RF	⊘	
1715	KK TU LK BB PG PB ES MS	QT WL WA LR	QV WC LO	NP WE EH	2E/1S	✓	FNA	RF	⊘	
1730	KK MS TU LK PG PB ES BB	QT WL WA LR	QV WC LO	NP WE EH	2E/1S	✓	FNA	RF	⊘	
1733	OU joined the Party together with her family									
	Others Made Pant-hoots and OG and QT responded									
	with Pant hoots.									
1745	MS KK BB LK TU PG PB ES	QT WL OU WA LR	QV WC LO OG	NP EH WE OU DM	1S/2E	✓	FNA	RF	⊘	
1746	WL (WC) climbed down followed by LK and QT									
1750	Chimps moved into THv for feeding									
1755	QT Made arm threat, while screaming towards PB and PB avoid									
	casual sight									
1758	Chimps separated									
1800	LK MS PG				WB/SB				⊘	
1804	Chimps @ joined others in				THv					
1813	LK Made non-vocal display				TG		food	Pant-barking	climbing a tree	
1815	LK TJ YB PG MS TU	TG	TT	TS	F/CR	✓	THv	THv	⊘	
"	LK feed on brown soil from the tree root									
1821	LK feeding on FEX LL									

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

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KPC Behavior

DAY 16 MONTH 01 YEAR 09 OBSERVER SM TW 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						
1824	LK was	heard	sneezing							
1830	MS LK YB TT PG TU	TG	TT	TS	F/CR	✓	THV	THV	∅	
1845	MS LK YB TT PG TU	TG	TT	TS	WB/CR	✓	THV	THV	∅	
1900	MS LK YB TT PG TU	TG	TT	TS	WB/CR	✓	THV	THV	∅	
1900	TG makes a night nest. Tree of nest									
	Olea. Height 38m. DBH 60cm									
1904	PG makes a night nest, Tree of nest Olea									
	Height 38m DBH 60cm									
1915	MS LK YB TT PG TU	TG	TT	TS	WB/CR	✓	THV	THV	∅	
1920	MS makes a night nest, Tree							Height	7m	
1924	TU makes a night nest. Height 3m									
1930	MS LK YB TT PG TU	TG	TT	TS	WB/CR				∅	
1943	OBS leaving the nest site									

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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