DAY 04 MONTH 04 YEAR 09 OBS-PC SJ TMF/40 SM HOW FOUND NEST

	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	OL	GRID	MNK	SP	PT
Estrus													3						1																													
5:45																																																
6:00																																																
6:15																																																
6:30																																																
6:45					X		X						X	X					X	X	X					X	X	X	X		X	X			X	X				X		X		P/25	None	—	—
7:00					X		X						X	X					X	X	X					X	X	X	X		X	X			X	X				X		X		"		FVA	RF
7:15					X		X						X	X					X	X	X					X	X	X	X		X	X			X	X				X		X		"		THV	THV
7:30					X		X	X					X	X					X	X	X					X	X	X	X		X	X			X	X				X		X		P/24		"	"
7:45					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		"		"	"
8:15					X		X	X					X	X					X	X	X					X	X	X	X		X	X			X	X				X		X		"		FBR	RF
8:30					X		X	X							X											X	X	X	X		X	X			X	X				X		X		O/24		—	—
8:45					X		X	X							X											X	X	X	X		X	X			X	X				X		X		O/25		—	—
9:00					X		X	X							X											X	X	X	X		X	X			X	X				X		X		N/25		FOR	RF
9:15					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		"		"	"
9:45					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		↓		COM	RF
10:15					X		X	X											X	X	X																				X		X		N/25		"	"
10:30					X		X	X											X	X	X																				X		X		M/25		THV	THV
10:45					X		X	X											X	X	X																				X		X		"		—	—
11:00					X		X	X											X	X	X																				X		X		F/26		—	—
11:15					X		X	X											X	X	X																								"		—	—
11:30					X		X	X																																					M/27		FCP	RF
11:45					X		X	X																				X	X	X															N/26		"	"
12:00					X		X	X																																					N/25		—	—
12:15			X		X		X	X	X	X	X	X			X																X	X			X	X	X			X		X		O/25		ANI	RF
12:30	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		"	None	"	"
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	OL	GRID	MNK	SP	PT
13:00	X	X			X		X	X	X	X	X	X			X																X	X			X	X	X			X		X		Ops	None	ANI	RF
13:15	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				"	"
13:45	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				"	"
14:15	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				"	"
14:45	X	X			X		X	X	X	X	X	X			X																X	X			X	X	X			X		X				HNH	HNH
15:00	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				—	—
15:30	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			None	—	—
16:00	X	X			X		X	X	X	X	X	X			X																X	X			X	X	X			X		X			MGB	—	—
16:15	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		O/26	None	FOR	YL
16:45	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				—	—
17:15	X	X			X		X	X	X	X	X	X			X													X	X	X	X			X	X	X			X		X				THV	THV
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				CAN	RF
18:00	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				"	"
18:30	X	X			X		X	X	X	X	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	X	X			X	X	X			X		X		O/26	None	—	—
19:00																																															
19:15																																															
19:30																																															
19:45																																															
20:00																																															
20:15																																															
20:30																																															
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	OL	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	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				

COMMENTS 659 UM Was heard Coughing (wet cough).

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

OU → ① OT → ① BU → ③ AL → ① UM → ① BL → ① LR → ① QT → 1 WL → ①

KPC Behavior

DAY 04 MONTH 04 YEAR 09 OBSERVER SJ 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
636	OBS arrive at nest site									
640	QT leaving the night nest									
641	OG leaving the night nest									
645	LK AJ	OU AL UM OG AZ AF NP OT LR BU QT WL BL UM BO WC QU OM OL			R/C				∅	
647	OU leaving the night nest.									
659	UM was heard coughing (wet cough)									
700	LK AJ	OU AL UM OG AZ AF NP OT LR BU QT WL BL UM BO WC QU OM OL			R/B	V	FVA	RF	∅	
700	LK made non-vocal displays and buttress bangs, and OG made pant-bangs									
704	LK made non-vocal displays and chased AL and she fled screaming									
713	chimps climbed down from FVA and entered THv.									
715	AJ LK THv	OU AL UM OG AZ AZ NP OT LR BU QT WL BL UM BO WC QU OM OL			R/B	V	THv	THv	∅	
721	LK chased NP and she fled screaming									
723	LK made non-vocal displays and made attack ① to UM with slaps and UM made screams but didn't avoid									
727	KK joined the party without making any calls									
729	KK made non-vocal displays and AT and 5 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

644 OT and OM leaving the night nest.

659 Some IDs climbed into FVA.

KPC Behavior

DAY 04 MONTH 04 YEAR 09 OBSERVER SJ SM TW RM 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
730	KK AJ LK	OU BL AL LR QT WL UM BU	OG BO AT AZ WC QV UN LO	NP OT OM OL	21/NTJ	✓	THV TRM	THV RF	∅	
"	KK made non-vocal displays and others didn't respond.									
731	KK made non-vocal displays and ground slapping and others didn't respond									
739	Chimps separated									
741	AT inspected UM by touch and smell on estrous.									
745	KK AJ LK	OU AL UM BU BL WL	OG AL AZ BO UN	OT OM OL NP	21/NTJ	✓	THV	THV	∅	
750	UM approach LK then LK inspect her by touching and smell on estrous									
752	LK approach then UM pant-grunt and present then LK inspected her by touching her estrous									
754	LK made non-vocal displays and made attack ① to NP with kicks and NP fled screaming following LK who fled making NVD.									Heg
759	Handclasp mutual groom LK ⇄ BL									
"	LK groom BL after handclasp.									
800	LK KK AJ	BL UM OU AL BU	BO UN OG AZ AT	NP OT OM OL	W/21	✓	THV	THV	∅	
804	Some chimps climbed into FBr									
815	LK KK AJ	UM WL OU AL BU BL	BO UN OG AZ WC AT	NP OT OM OL	W/21	✓	FBR	RF	∅	
816	WL inspected UM by smell on her estrous									
820	UM feeding on MDR 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

750 AJ grooming KK
757 Handclasp mutual groom AJ ⇄ KK
758 AJ groom KK after handclasp
800 Handclasp mutual groom AJ ⇄ KK

KPC Behavior

DAY 04 MONTH 04 YEAR 09 OBSERVER SJ SM TW RM 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						
822	Um feeding on Xylopia monospora Pith.									
829	chimps separated									
830	LK KK AJ	UM WL	BO Un WC		F/29				∅	
845	LK KK AJ	UM WL	Un WC		C/2				∅	
847	KK made vocal displays and buttress bangs and other IDs didnt respond.									
855	chimps climbed into FEX for feeding. SO separated									
900	LK KK AJ	UM WL	BO Un WC		F/8	✓	FEX	RF	∅	
"	KK made non-Vocal displays and buttress bangs and some IDs made Pant-bangs to the feeding tree.									
908	Others individuals joined. making ~~Pant~~ Pant-hoots									
915	LK KK AJ	UM WL OU	OG Un WC	OT Om OL	8/E	✓	FEX	RF	∅	
920	WL (WC) Climbed down from FEX									
922	AJ climbed down from FEX followed by an OT									
922	WL approach, Pant-grunt to AJ and he growled.									
928	chimps climbed into FEX				#	0/0	at	C/9		
930	LK KK AJ	UM WL OU	OG Un WC	OT Om OL	C/9	✓	FEX	RF	∅	
840	AJ climbed down from FEX.									
843	KK climbed down from FEX followed by OU and others.									

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

833 KK and AJ made non-Vocal joint displays and Others didnt respond.

845 KK and AJ made joint Vocal displays and buttress bangs and Others didnt respond.

KPC Behavior

DAY 04 MONTH 04 YEAR 09 OBSERVER ST SM TW 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						
944	KK grooming LK									
945	AJ LK KK	OA UM WL	OG UN WC	OT OM OL	G/9				⊘	
"	Handclasp Mutual groom				LK ⟷ KK					Hcg
947	Chain groom after handclasp				LK → KK → AJ					
957	KK LK and AJ made joint				Vocal displays					
	and Others didn't respond									
958	KK LK and AJ made Joint Vocal displays and									
	some IDs made Pant-hoots									
959	KK made vocal displays and buttress bangs									
	AJ and LK joined him with vocal displays and									
	buttress bangs and some IDs made Pant-hoots									
	in the feeding tree as they also climbed up									
	into the same tree making food bangs									FBK
1000	LK KK AJ	OA	OG	OT OM OL	B/13	✓	COA	RF	⊘	
1015	LK KK AJ	OA	OG	OT OM OL	B/13	✓	COA	RF	⊘	
1017	Chimps Climbed down from				COA. and started					
	travelling									
1026	KK made vocal displays and buttress bangs, and									
	OG OA made Pant-hoots.									
1027	Some IDs entered into THV for 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

957 UM UN WL (WC) Separated from the party

KPC Behavior

DAY 04 MONTH 04 YEAR 09 OBSERVER SJ SM TW 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						
1029	Om grooming OG									
1030	KK LK AJ	OU	OG	OT OM OL	B/Q	✓	THV	THV	MNK	
1033	OG grooming AJ									
1036	OG grooming OU									
1045	KK AJ LK	OU	OG	OT OM OL	C/21				⊘	
1049	LK separated from the party									
1055	AJ made vocal displays				OU		avoid		Pant-	
	barking, then KK also made vocal display									
	and buttress bangs									
1056	KK drink water by mouth						from stream			DR
1100	KK AJ	OU	OG	OT OM OL	F/23				⊘	
1103	chimps entered into THV for feeding									
1111	It started raining									
1115	KK AJ	OU	OG	OT OM OL	J/GLI					
1128	AJ KK climbed into FCP OU and family separate									
	d from the party									
1130	KK AJ				S/K	✓	FCP	RF	⊘	
1134	KK climbed down from FCP and started travelling									
1137	Distant calls heard from west of K-K and									
	KK AJ made waars, then KK made screams 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

AJ mounted him.

KPC Behavior

DAY 04 MONTH 04 YEAR 09 OBSERVER SJ SM TW 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						
1140	It stopped raining									
1143	AJ and KK climbed into FCP #006 making food barks									FBK
1145	AL and family joined the Party AL made Pant-barks and others didn't respond.									
1145	KK AJ	AL	AT AZ		21/BFA		FCP	RF	Ø	
1153	AE AJ approach AL and she avoided casual Pant-barking Then at the same she approach presented to AJ and he inspected her by touching and smell her estrous									
1155	KK and AJ climbed down from the feeding tree									
1159	KK made vocal displays and buttress bangs AJ joined him with VD and buttress bangs									
1200	AJ KK				K/13				Ø	
1206	Other IDs joined the Party making Pant-hoots									
1208	MS approached KK while MS was making soft Screams, and extended a hand touching KK's testacles and at the same time butting on KK's back.									
1208	Chimps climbed into ANI making food barks									FBK

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

1159 AL and family separated from the Party.

KPC Behavior

DAY 04 MONTH 04 YEAR 09 OBSERVER SJSM 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						
1215	MS KL BB PG PB TJ AJ ES LK	WL LR QT	WC BO QV LO	NP EU	M/S	✓	AMI	RF	∅	
1219	Distant calls heard from North of K-30 blue, and the focal IDs Male Pant-hoots									
1229	ST TU joined the party without making any calls and some individuals made Pant-barks towards the feeding tree.									
1230	AJ MS KL BB PG ST TU PB TJ ES	WL QT LR	WC BO LO	NP EU	M/S	✓	ANI	RF	∅	
1245	MS KL BB PG AJ TU ST LK PB TJ ES	WL QT LR	WC BO	NP EU	"	✓	"	"	∅	
1300	MS KL BB PG TU ST PB TJ ES AJ	WL QT LR	WC BO LO QV	NP EU	"	✓	"	"	∅	
1315	MS KL BB AJ ST TU PG PB ES TJ LK	WL QT LR	WC QV BO QV	NP EU	"	✓	"	"	∅	
1330	MS KL BB AJ TU ST PG PB ES TJ LK	WL QT LR	WC QV BO LO	NP EU	"	✓	"	"	∅	
1334	AJ arrived at the honey that was set for an experiment and he started feeding on the HNY by putting his fingers into the drug hole where there's honey then BO also arrived. AJ threatened BO by arm threatening him and he avoid casual screaming. AJ continued feeding the honey As MS ES looked on. Then LK approach fed on honey together with AJ.									
1341	LK made non-vocal displays and AJ MS PG avoid casual 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

DAY 04 MONTH 04 YEAR 09 OBSERVER SJ SM GT 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						
1343	LK groom KK									
1345	MS KK BB STK TU PG ES PB TJ AJ	LR RT WL	LO BO RV WC	EM NP	M/8	✓	ANI	RF	∅	
1346	LK grooming BB									
1347	WL approach pant-grunt to LK and BB and they both ignored.									
1350	PG made soft screams KK approach him turned his back to him and PG touch KK's testacles.									
1351	Handclasp mutual groom LK ⇄ BB									HCG
1352	LK groom BB after handclasp.									
1354	KK groom PG as PG looks on AJ feed on honey									
1354	RT approach pant-grunt to MS AJ KK and they all ignored.									
1357	After AJ feeding on honey, PG arrived and put a finger into the honey, and as soon as PG feed KK also came put his finger into the hole as he had just put his finger into the hole, MS approach made some soft screams and groomed KK and KK lay on top of the hole of the honey. And others also sat around him.									
1358	MS and PG both groom KK.									
1400	MS KK BB LK AJ ST TU PG PB ES TJ	LR RT WL	LO BO RV WC	EM NP	M/8	✓	~~HNY~~ ANI	RF	∅	

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

1332 some IDs climbed down from ANI

KPC Behavior

DAY 04 MONTH 04 YEAR 09 OBSERVER SJ SM GT 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
1404	Chain groom AJ → BB → LK									
1404	WL grooming PG.									
1405	PG groom ~~K~~ WL									
1405	QT approach KK Pant-grunt, then they made									
	chain groom MS → KK → QT									
1406	Chain groom WL → PG → MS									
1407	WL tried to get to the hole where there was honey,									
1408	WL picked a twig and insert it into a hole then									
	first smell it then lick it,									
1409	KK picked a stick from WL and insert it into									
	a hole and lick the stick and trying all over									
	again as everyone looks on - LR who was									
	not there at the begining approaches and Obser-									
	ves KK as he Continually feeds on the honey									
1412	LR grooming KK									
1413	Handclasp mutual groom LR ⇄ KK ← QT									
1415	MS KK AJ ST TU LK PG BB PB ES TJ	LR QT WL	QV WC Lo BO	EU NP	M/8	✓	ANI	RF	(1)	
1416	Handclasp mutual KK ⇄ LR									Hcg
1419	LR tried to put the fingers but she didnt succeed.									
1420	BO grooming EU									

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 04 MONTH 04 YEAR 09 OBSERVER ST 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
1420	QT and LR both groom KK.									
1421	LR again tried to get honey from the hole with the fingers and got something little and started licking the fingers, then KK Looked on									
1422	TU arrived at the spot where theres honey as LR kept trying again, but KK was almost directly on top of the hole.									
1424	TU also looks into the hole where theres honey but Picked no interest									
1425	WK again picked another stick as she approached the honey hole she then put the twig inside the hole, KK Looked on again QT and ES did the same.									
1427	Lo tried to put the finger inside But WC stopped him,									
1427	ES also picked the twig but didnt put it inside the honey hole.									
1430	MS KK AJ BB TU LK ST RG PB ES JT	LR QT WK	QV WC LO BO	ES NP	M/8	✓	HNY ANI	HNY RF	✓	
"	Lo Put his hand inside and lick his fingers									
1431	LR used the twig insert it into the honey hole and lick it, as QT & WK ES Looks on.									

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 04 MONTH 04 YEAR 09 OBSERVER SJ SM GT 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
1432	QN got a stick from LR then QT arrived and Lick-									
	ed on the stick which was handled by QV without									
	removing it from QV.									
1434	ES picked his own twig and placed it on the									
	hole where there was honey and started licking									
	it as LR QT Eu Pg looks on.									
1436	ES stick sponging as he continually puts its inside									
	the honey hole.									
1437	PB also approach the honey hole LR grooms PB									
	shortly and PB stood as he looks on ES eating									
	honey.									
1439	PB playing with BO by PB bitting BO.									
1442	chain groom LR → PB → BO									
1443	ES after using his tick spong he turned the other									
	side which was not spongy and insert it inside to get									
	more honey but he got nothing and again turned the									
	spongy side and put it inside									
1445	MS KK BB ST TU LK PG ES PB TJ AJ	LR QT WL	QV WC BO	Eu NP	M/8	✓	HNY	HNY	∅	
1448	ES left feeding honey, and he made Non-vocal									
	displays and buttress bung LK made NVD KK and BB joined him									

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 non vocal displays BB made attack ① to TU with a kick he screamed but didn't avoid and made waar-barks LR fled pant-barking others made waar-barks

KPC Behavior

DAY 04 MONTH 04 YEAR 09 OBSERVER SJSM 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
1452	PB also came to the honey hole and first put in									
	his fingers then licked them and tried with a twig									
	by inserting inside the hole and then licking it -									
1459	Handclasp mutual groom KK ⇄ PG									Hcg
"	PG grooming KK after handclasp mutual groom -									
1500	MS KK BB AJ LK ST PG PB TJ ES TU	WL QT LR	BO LO QV WC	EU NP	M/8				∅	
1502	Es again made his own twig and put into a									
	honey hole. and he makes the end of the twig spongy									
	as BO PB looks on.									
1506	Handclasp mutual groom TU ⇄ KK									Hcg
1508	TU grooming KK after handclasp groom.									
1511	TU playing with BO by TU bitting BO.									
1514	MS playing with PB by Bitting each other									AP
1515	MS KK BB AJ LK ST PG PB TJ ES TU	WL QT LR	BO LO QV WC	EU NP	M/8				∅	
"	PB made screams as a result of playing badly with									
	MS, then LK and KK made joint vocal displays									
	TU and PG fled Pant-barking climbing trees MS and									
	PB fled screaming and others made Pant-barks.									
1517	LK and KK made joint vocal displays MS TU PG									
	BB avoid fleeing Pant-barking then LK and 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

continued making displays and then others made waars.

KPC Behavior

DAY 04 MONTH 04 YEAR 09 OBSERVER SJ SM GT Found: C FT FFT (N) Other _____

Time	Party Composition: AMM	AFF (include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1527	PB made non-vocal displays, chased QT and									
	WL and both fled screaming climbing a									
	tree. As PB continued making displays and ground									
	slaping.									
1527	TJ approach and groom QT									
1530	MS KK AJ TU ST LK PG PB ES TJ BB	LR QT WL	BO QV WC LO	NP EU	M/8				∅	
1545	MS KK AJ TU ST LK PG PB ES TJ BB	LR QT WL	BO LO QV WC	NP EU	"				∅	
1552	LR feeding on TR YL.									
1600	MS KK AJ TU ST LK PG PB ES TJ BB	LR QT WL	BO LO QV WC	NP EU	M/8				MGb	
1615	MS KK BB AJ TU ST LK PG PB ES TJ	LR QT WL	BO LO QV WC	NP EU	M/8				MGb	
1619	BB made vocal displays and buttress bangs									
	and Others made pant-hoots									
1620	BB climbed into FEX #039 for feeding YL									
1620	TJ made vocal displays and others didn't									
	respond									
1630	MS KK BB AJ TU ST LK PG PB ES TJ	LR QT WL	BO LO QV WC	NP EU	P/8	✓	FEX	YL	∅	
1645	MS KK BB AJ TU ST LK PG PB ES TJ	LR QT WL	BO LO QV WC	NP EU	P/8	✓	"	"	∅	
1654	chimps climbed down from FEX									
1658	PG chased TJ and he fled screaming									
1700	MS KK BB AJ TU ST LK PG PB ES TJ	LR QT WL AL	BO AJ LO AZ QV WC	NP EU	P/8		1		∅	

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

1700 ST feeding on Reg soil from a fallen tree roots

1659 AL and family joined the party.

KPC Behavior

RD → ②

DAY 04 MONTH 04 YEAR 09 OBSERVER SJ 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
1710	some IDs moved into THV for feeding									
1715	MS KK BB AJ ST TU LK PG PB ES TJ	LR QT WL AL	BO LO AZ WC QV AT	NP EU	8/10	✓	THV	THV	∅	
"	ST leaf grooming for 30sec. before he was resting and after he restted.									
1722	chimps coming out of THV									
1730	MS BB ST PG AJ ES KK PB TJ LK AJ	QT LR WL AL	BO LO AZ WC QV AT	NP EU	9/JG				∅	
1732	Chimps climbed into CDU for feeding.									
1745	MS BB KK AJ TU LK ST PG PB ES TJ	QT LR WL AL	BO LO AZ WC QV AT	NP EU.	9/JG	✓	CDU	RF	∅	
1800	MS BB KK AJ TU ST LK PG ES PB TJ	QT LR WL AL	BO LO AZ WC QV AT	NP EU	9/JG	✓	CDU	RF	∅	
1801	PB made non vocal displays and ground slapping toward RD as she joined the party and RD fled screaming climbing a tree									
1804	Copulation male approach PB → RD 6sec CP with no screams but theres dart									
1804	KK made non-vocal displays and made attack ① to TU with a kick and TU screamed but didn't avoid and at the sametime BB made non-vocal displays and chassed TU who fled screaming while KK continued making displays and buttress bungs									
1813	MS approach KK making soft screams and 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

Mounted him.

KPC Behavior

DAY 04 MONTH 04 YEAR 09 OBSERVER SJSM 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
1815	MS KL BB ST TH LL PG ES PB TJ	LR QT WL AL RD	LO BO AZ QT WC AT	NP EM	9/19	✓	CON	RF	∅	
1816	LL made non-vocal displays BB avoid casual Pant-barking BB avoid casual silent, LL Continued Making NVD and buttress bungs									
1819	ES made non vocal displays chased AL and she fled Pant-barking.									
326	BB approach QT she Pant-grunted and extend a-hand to BB, and BB extended his touching on QT's head and Continued patting on her.									
1830	MS KL BB ST TH LL PG PB ES TJ	LR QT WL AL RD	LO BO AZ QT WC AT	NP EM	10/19				∅	
1835	WL waan-barked at RD and she made screams While RD was up to a tree WL on ground.									
1845	MS KL BB ST TH LL PG PB ES TJ AT	LR QT WL AL RD	LO BO AZ QT WC AT	NP EM	10/19				∅	
1850	OBS abandoned the chimps before nesting. Because it got late and me were far.									

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