DAY 24th MONTH April YEAR 09 OBS-PC SM TMF/40 KJ BP HOW FOUND FT

	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	GRID	MNK	SP	PT
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	L/26	None	FFX	YL
7:30	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X															X	X	L/27	"	FBR	RF
7:45	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		Blu	"	"
8:15	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X															X	X		X	UVA	RF
8:30	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	"	"
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	—	—
9:30	X	X	X		X	X	X	X	X	X	X	X														X	X															X	X	L/27	X	—	—
9:45	X	X	X		X	X	X	X	X	X	X	X														X	X															X	X	M/26	None	—	—
10:00	X	X	X		X	X	X	X	X	X	X	X														X	X															X	X	"	"	THV	
10:15	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	M/25	X	FDA	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		
11:15	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X												X	X		X	FDA	RF
11:30	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X												X	X		X	FCy	RF
11:45	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		
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	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	M/25	None	Fcy	RF

	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	GRID	MNK	SP	PT
13:00	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X	M/25	None	Fcy	RF
13:15	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X			—	—
13:30	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X		X	THV	
13:45	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X		None	"	
14:00	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X		Blu	—	—
14:15	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X		"	THV	
14:30	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		None		
15:00	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				
15:30	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X				
15:45	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X				
16:00	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X	M/25			
16:15	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X	M/26			
16:30	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X	"			
16:45	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X	"			
17:00	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X	L/26			
17:15	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X				
17:30	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X				
17:45	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X				
18:00	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X			X	
18:15	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X			THV	
18:30	X	X	X		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	X				X	X			—	—
19:00	X	X	X		X	X	X	X	X	X	X	X														X	X	X	X	X	X					X	X	X				X	X	L/26	None	—	—
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	GRID	MNK	SP	PT
Health	1	1	1		1	4	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				

COMMENTS MS have a healing wound on his left hand and UM have wet cough and a fresh wound on her estrous

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

Comments Blu and mgb from 815-930, RDc, MgB 1030—1230.

KPC Behavior

DAY 24th MONTH April YEAR 09 OBSERVER MK BP SMS JTW 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
1730	KK TU BB ST YB AJ PG PB ES TJ MS LK	LR WL GT AL UM	UN AT WC LO GV AZ	EU NP	B/29	✓	✓ THV		Ø	
1745	KK TU BB ST YB AJ PG PB ES TJ MS LK	LR WL GT AL UM	UN AT WC LO GV AZ	EU NP	"	✓	"		Ø	
1800	KK TU BB ES ST AJ YB PB PG TJ LK MS	LR WL GT AL UM	UN AT WC LO GV AZ	EU NP	"	✓	"		Ø	
1815	KK TU BB ES ST AJ YB PB PG TJ LK MS	LR WL GT AL UM	UN AT WC LO GV AZ	EU NP	"	✓	"			
1818	TU KK UN feeding on Brown Soil from the hole									
1823	TU playing with UN by patting each other									AP
1830	KK TU BB ES ST YB AJ PG PB LK TJ MS	LR WL GT AL UM	UN AT WC LO GV AZ	EU NP	C see 29				Ø	
1830	PG made NVD BB TU ST made wears against									
	him TU climbed atree									
1833	TU grooming LK									
1845	KK TU BB ES AJ YB PB MS ST PG TJ LK	LR WL GT AL UM	UN AT WC GV LO	EU NP	C see 29				Ø	
1847	LK made VD and PG joined him with NVD ST									
	avoid casual silent and BB made NVD and chassed									
	TU who fled Silent Climbing atree									
1854	LK made NVD KK joined him with NVD then BB ST UM avoid casual Silent									
1858	LK and KK made short VD and BB TU ST made Screams and wears against KK and LK the ST chassed									
	LK who fled making NVD climbing atree then BB NVD and attack ① to UM with a kick She Screamed but not avoid others made wears.									
1858	PG build a night nest and rest, tree UNK HT = 8m DBH = 15cm									
1900	BB TU ES YB AJ LK KK TJ PB MS PG ST	UM AT WL LR GT	GV AT AZ LO WC UN	EU NP	C see 29				Ø	
1901	OBS leaving the nest Site leaving guarding				Other UM		male mate before resting.			

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

UM (3) BL (1)

KPC Behavior

DAY 24th MONTH April YEAR 09 OBSERVER SM KJ BP Found: C (FT) FFT N Other_____

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
714	OBS found chimps in FEX tree feeding on young leaves at C ext/29 other ID's were on ground M									
715	BB pg ES LK AJ TU MS PB KK ST/IJ	BL UM	BO UN	EU NP	C ext/29	✓	FEX	YL	Ø	
718	Chimps climbed down and moving some ID's remained in a tree									
728	Chimps climbed into FBR tree and started feeding on ripe fruits									
730	BB pg ES LK AJ TU MS PB KK ST/IJ	BL UM	BO UN	EU NP	EB Ext/C Ext	✓	FBR	RF	Ø	
731	AJ grooming BB									
739	cop. scream no dart appro. M → F 7 sec no groom no interference									CP pg → UM
745	BB pg ES LK AJ TU MS PB KK ST/IJ	BL UM	BO UN	EU NP	EB Ext/C ext	✓	FBR	RF	Ø	
756	KK grooming BB and AJ grooming LK									
758	ES made vocal displays and buttress bungs Others made pant hoots									
758	Chain groom pg → KK → BB									
800	BB pg ES LK AJ TU MS PB KK ST/IJ	BL UM	BO UN	EU NP	EB ext/C ext	✓	FBR	RF	Blu	
800	LK grooming AJ									
802	LK approached UM she fled screaming									
802	Chain groom pg → KK → BB → 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 24th MONTH April YEAR 09 OBSERVER SMKJBP 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
803	Hand clasp mutual groom				BB ←→ MS					Hcg
804	MS groomed BB after hand clasp									
804	Hand clasp mutual groom MS ←→ AJ									Hcg
805	Chimps leaving the feeding tree and moving on ground									
805	Silent cop no dart appro. M→F 8sec no groom no interference									CP BB→UM
808	Tu made pant hoots and MS mounted him while making soft screams									
814	Silent cop. no dart appro. M→F 10sec no groom no interference									CP ST→UM
814	UN feeding UVA ripe fruits while making food grunts									
815	BB AJ LK PG ES TU MS ST KK PB/IJ	BL UM	BO UN	EU NP	EBEX C ext	UVA	RF	Blu MgB		
816	MS climbed towards UM for copulation Tu made waar barks against him MS stoped									
820	LK and KK made joint non vocal displays Tu avoid casual silent and LK KK both climbed towards UM									
821	Silent cop. no dart appro M→F 9sec no groom no interference									CP LK→UM
825	Silent cop. no dart appro M→F 6sec no groom no interference									

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

825 KK and LK made NVD Others made waar barks

KPC Behavior

DAY 24th MONTH April YEAR 09 OBSERVER SMKJBP 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
826	Silent Cop. no dart appro M → F 7sec no groom									CP BB → um no
	Other males made waar barks and KK made									
	non vocal displays and ground slapping									
828	LK made NVD and chassed PG who fled screaming									
	and KK made NVD and attack (1) to both ST and TU									
	with kicks and slaps both avoid casual									
	Screaming again both retaliate by make waar									
	barks chassing KK who fled making NVD									
830	KK BB LK ST AJ PG PB ES TJ MS TU	um BL	BO UN	EU NP	EB ex / C ext	✓	UVA	RF	Blu MgB	
830	ST TU AJ made (a coalition) by making soft									
	Screams and waars and joint chasse to									
	KK and LK both fled making NVD climbing									
	tree's									
831	AJ made NVD approach LK in a tree both made									
	Screams mounting each other at same time									
	KK TU MS BB PG made waar barks against LK and AJ									
	then KK TU BB MS PG mounted each other while									
	making screams and LK and AJ were making									
	non voed displays in a tree.									
834	LK made non voed displays climbing down									
	BB chassed LK he fled making NVD others									
	made waars									
837	ST grooming BB									
845	ST LK KK ES PG PB TJ MS BB TU AJ	BL UM	BO UN	EU NP	EB ex / C ext	✓	UVA	RF	Blu MgB	

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 24th MONTH April YEAR 09 OBSERVER SMKJBP 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
858	Silent cop. no dart appro. M → F 5sec no groom ES									
	Interfered by making NVD towards them Tu and									
	Um both avoided Casual Silent									
900	BB ES TU pg pB TJ ST KK LK AJ TU	BL UM	UN BO	EU NP	EB ext / C ext				Blu MgB	
905	Silent cop. no dart appro M → F 7sec no groom no interference									CP BB → UM
909	Tu grooming BB									
914	Ms was seen have a healing wound on his left hand									
915	BB pg pB ES TJ ST MS KK LK AJ TU	UM	UN	EU NP	EB ext / C ext				Blu MgB	
917	Tu and Ms both grooming BB									
918	ST playing with LK by making soft bites and									AP
	patting each other									
918	Tu and pg both grooming AJ									
921	Tu grooming pg									
922	chain groom Pg → Tu → MS									
924	pg grooming MS									
928	Hand clasp mutual groom MS ↔ pg									HCg
929	Ms groomed pg after hand clasp									
930	BB pg ES TU LK ST MS pB TJ AJ KK	UM	UN	EU NP	EB ext / C ext				MgB Blu	
931	pg grooming MS									
932	LK approached ES who pant grunted to him LK ignored									PTg

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

909 BL and BO left the party and moved away

KPC Behavior

DAY 24th MONTH April YEAR 09 OBSERVER SMKTBP 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
939	Um was heard coughing (wet cough)									
936	BB made vocal displays and buttress bangs									TU
	made wears									
939	Silent cop. no dart appro. M→F 7sec no groom									CP ST→UM no interfer
943	Silent Cop. no dart appro. M→F 6sec no groom									CP TU→UM no interfere
944	Hand clasp mutual BB↔MS									Hcg
945	MS groomed BB after hand clasp									
945	KK LK BB ES PG MS TU AJ ST	UM	UN	EU NP	C/29				Ø	
946	LK and TU both grooming AJ									
948	AJ grooming LK									
948	Some individual entered into THV and started									
	feeding in adense vegetation									
950	Hand clasp mutual groom				LK↔AJ					Hcg
952	LK groomed AJ after hand clasp									
953	Some screamed in THV Other individuals made wear barks									
958	TU grooming MS									
1000	KK LK BB ES TU AJ PG PB ST MS	UM	UN	EU NP	C/29		THV		Ø	
1014	LK made vocal displays									
1015	KK LK BB ES TU AJ PG PB ST MS	UM	UN	EU NP	B/27				Ø	
1018	BB Inspecting UM by Smelling				on	her	estrous			

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

AL (1)

KPC Behavior

DAY 24th MONTH April YEAR 09 OBSERVER SMKTBP 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
1020	Chimps joined Other Individuals Some 15's									
	made Pant barks									
1029	Chimps climbed into FDA tree and feeding on									
	ripe fruits and Others climbed into Fcy tree									
1029	Silent Cop. no dart appro. M→F 6sec no groom no									CP KK→UM interference
1030	BB LK KK TU ES ST PB PG AJ YB MS	UM AL	UN AT AZ	EU NP	U/23	✓	FDA FCY	RF RF	RDC MGB	
1032	Silent Cop. no dart appro. M→F 8sec he groomed her after									CP ST→UM
	no interference									
1037	Silent Cop. no dart appro. M→F 8sec he groomed her after									CP LK→UM
	no interference									
1045	BB LK KK TU ES ST PB PG AJ YB MS	UM AL	UN AT AZ	EU NP	U/23	✓	FDA FCY	RF RF	RDC MGB	
1100	BB LK KK TU ES ST PB PG AJ YB MS	UM AL	UN AT AZ	EU NP	"	✓	"	"	"	
1104	UM. have a fresh wound on her estrous									
1110	AT feeding on MAS pith									
1114	AT approach pant barking to PG he ignored									
1115	BB LK KK TU ES ST PB PG AJ YB MS	UM AL	UN AT AZ	EU NP	U/23	✓	FDA FCY	RF RF	RDC MGB	
1117	AT grooming PG									
1122	Chimps leaving the feeding tree FDA and entered into Fcy tree									
1123	ES moved towards UM for Copulation AJ chassed him									
	he fled screaming Other Males made wraps									
1125	Silent Cop. no dart appro. M→F 7sec no groom no interference									CP ST→UM

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 24th MONTH April YEAR 09 OBSERVER SM KJ BP Found: C (FT) FFT N Other_____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1128	Silent Cop. no dart appro. M→F 7sec				no		groom	no		CP MS→UM interference
1130	BB TU ES AJ PB YB LK ST TJ PG MS ST WK	AL UM	UN AT AZ	EU NP	U/23	✓	FCy	RF	RDC MGB	
1132	Silent Cop. no dart appro. M→F 6sec				no		groom	he		CP BB→UM chase
	her after UM fled screaming. no interference									
1134	Cop. Scream no dart appro. M→F 6sec				no		groom	no		CP TU→UM interference
1136	Silent Cop. no dart appro. M→F 5sec				no		groom	no		CP BB→UM interference
1145	BB TU MS LK PG ES YB ST AJ WK PB TJ	AL UM	UN AT AZ	EU NP	U/23	✓	FCy THV	RF	RDC MGB	
1148	Some ID's feeding THV in adense vegetation									
1200	BB TU MS LK PG ES YB ST AJ WK PB TJ	AL UM	UN AT AZ	EU NP	U/23	✓	FCy THV	RF	RDC MGB	
1204	Chain groom TU → MS → AJ									
1204	Hand clasp mutual groom ST ↔ BB									HCG
1205	ST and TU bothe groomed BB after hand clasp									
1206	UM grooming UN									
1207	Hand clasp mutual groom BB ↔ TU									HCG
1208	Chain groom after hand clasp						ST → BB → TU			
1213	Chain groom TU → BB → ST									
1218	BB YB ST TU AJ MS LK WK PG ES PB TJ	AL UM	UN AT AZ	EU NP	U/23	✓	FCy THV	RF	RDC MGB	
1221	AJ grooming a leaf for 20sec				he	was ↑	resting			TLU before
	and groomed MS after									
1222	TU 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

LR① WL① QT①

KPC Behavior

DAY 24th MONTH April YEAR 09 OBSERVER TWMKBP SMKJSJ 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
1224	LR LO WL WC QT QV	joined the party whom were followed by SJ TWMK they made pant								
	barks others didn't respond.									
1229	Hand clasp mutual groom BB ↔ MS									Hcg
1230	BB AJ PB ST PG TU MS TJ LK ES YB KK	LR UM WL QT AL	UN AT AZ QV WC LO	EU NP	U/23	✓	THV		RDC MGB	
1230	BB groomed MS after hand clasp									
1230	Hand clasp mutual groom TU ↔ ST									Hcg
1231	Mutual groom after hand clasp TU ↔ ST									
1233	TU grooming ST									
1245	KK LK BB ST YB AJ ES PG PB TJ TU MS	AL UM WL QT LR	LO QV WC AT AZ UN	EU NP	U/23	✓	Fcy THV	RF	Ø	
1246	Hand clasp mutual groom TU ↔ MS ← BB									Hcg
1247	TU groomed MS after hand clasp									
1247	Hand clasp mutual groom BB ↔ ST									Hcg
1249	MS grooming TU									
1249	mutual groom after hand clasp BB ↔ ST									
1251	Hand clasp mutual groom TU ↔ MS									Hcg
1252	MS groomed TU after hand clasp									
1252	ST grooming BB									
1258	Hand clasp mutual groom ST ↔ BB									Hcg
1259	ST groomed BB after hand clasp									
1300	BB ST LK KK YB TU AJ TJ ES PG PB MS	AL LR WL UM QT	QV UN WC LO AT AZ	EU NP	U/23	✓	Fcy THV	RF	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 24th MONTH April YEAR 09 OBSERVER SMKTST JWMKBP 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
1302	BB made non vocal displays and he made attack (1) to um with a kick she screamed but not avoid									
1310	A fight broke in a poor view among the males where by PG and BB were chassed both fled screaming others made waars, at same time KK LK AJ made (Coalition) by making joint VD against BB TU and MS who were making Screams and mounting each other and LK made attack (1) to ST with a kick and ST screamed retaliating chassed LK who fled climbing up a tree, Others making NVD made waars									
1315	KK TU ST AJ BB PG PB FS TJ LK MS YB	AL LR WL QT UM	LO QV VC AT PA JM	EU NP	W/23				Ø	
1318	LK and KK made joint VD and joint attack (1) to MS with kicks and slaps, then BB TU ST made waars KK and LK fled making NVD MS ran after them KK climbed a tree and AJ avoid fled silent and PG made a NVD and MS approached LK while screaming then LK groomed him shortly									

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 24th MONTH April YEAR 09 OBSERVER TW MK BP SM KJ SJ 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
1321	Ms approach KK making soft screams then Ms mounted KK									
1330	KK LK BB ES MS AJ pg ST TU PB TJ YB	LR UM WL QT AL	AT UN WC LO QV AZ	EU NP	U/23	✓	THV		Ø	
1335	Silent cop. no dart appro. M→F 7sec no groom no interference.									CP BB→um
1336	AT grooming LK									
1336	AJ made arm threat to AT he avoid casual screaming again AT approach AJ and grooming him									
1345	KK LK BB ES MS AJ pg ST TU PB TJ YB	LR UM WL QT AL	AT UN WC LO QV AZ	EU NP	U/23	✓	THV		Ø	
1400	KK LK BB ES MS AJ pg ST TU PB TJ YB	LR UM WL QT AL	AT UN WC LO QV AZ	EU NP	n				Blu	
1400	QT approach pant grunting to LK and she groomed him									PTG
1414	ST grooming AJ									
1415	KK KK BB ES MS AJ pg ST TU PB TJ YB	LR UM WL QT AL	UN AZ AT LO QV WC	EU NP	U/23	✓	THV		Blu	
1416	LK grooming PG									
1417	ST and LK both grooming AJ									
1422	KK and ST both inspecting AL by touch and smelling on her estrous then they groomed her after									
1426	Hand clasp mutual groom TU ↔ LK									HCG
1427	TU groomed LK after hand clasp									
1430	KK LK BB ES MS AJ pg ST TU PB TJ YB	LR UM WL QT AL	UN AZ AT LO QV WC	EU NP	U/23	✓	THV		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

KPC Behavior

DAY 24th MONTH April YEAR 09 OBSERVER SM KJ SJ (Tu MK BP) Found: C (FT) FFT N Other_____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1429	AL made pant barks to YB				he ignored					
1432	BB made non vocal displays				and KK AJ PG ES					
	ST made NRS then BB made attack (T) to UM									
	with kicks and slaps UM fled screaming and									
	PG chassed PB who fled screaming				and KK mounted AJ					
	Others made vocals									
1445	KK BB ES MS LK YB TU PG PB AJ ST	AL UM GT WL LR	QV WC UN AT LO	EU NP	U/26	✓	THV		Ø	
1500	KK LK BB YB ES TU MS PG PB AJ ST	AL UM GT WL LR	QV WC UN AT AZ LO	EU NP	"	✓	"		Ø	
1515	KK BB LK YB ES TU MS PG PB AJ ST	AL UM GT WL LR	QV WC UN AT AZ LO	EU NP	"	✓	"		Ø	
1517	Hand clasp mutual groom				LR ↔ LK					Hcg
1518	LK groomed LR after hand clasp									
1530	KK MS PG LK BB PB ES YB TU ST AJ	LR WL AL GT UM	LO QV WC AT AZ UN	EU NP	U/26	✓	THV		Ø	
1535	Some one was attacked in a poor view									
	and ST fled screaming Others made vocals									
1545	KK TU PG LK ES MS BB TS PB ST AJ YB	LR AL WL UM GT	LO QV WC AT AZ UN	EU NP	U/26	✓	THV		Ø	
1600	KK TU PG LK ES MS BB TS PB ST AJ YB	LR AL WL UM GT	LO QV WC AT AZ UN	EU NP	"	✓	"		Ø	
1615	KK TU PG LK ES MS BB TS PB ST AJ YB	LR AL WL UM GT	LO QV WC AT AZ UN	EU NP	B/27	✓	"		Ø	
1621	Hand clasp mutual groom AJ ↔ BB ↔ KK and LK									Hcg
1622	BB groomed AJ after hand clasp									
1625	Hand clasp mutual groom			AJ	↔ BB ↔ KK					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

DAY 24th MONTH April YEAR 09 OBSERVER SM KJSG TWMK BP Found: C (FT) FFT N Other_____

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1626	AJ and KK	both groomed	BB after	hand clasp						
1627	Chain groom LK → KK → BB									
1630	KK BB ST MS ES PG TJ PB TU LK AJ YB	LR WL GT UM AL	WC GV LO AT UN	EU NP	B/27	L	THV		Ø	
1630	Chain groom LK → BB → KK									
1630	Hand clasp mutual groom				KK ↔ BB ← LK					Hcg
1631	Mutual groom after hand clasp				BB ↔ KK					
1632	Hand clasp mutual groom				KK ↔ BB ← LK					Hcg
1633	Chain groom after hand clasp				LK → BB → KK					
1638	Chain groom KK → BB → LK									
1641	GT pant grunted to PB and				they shake					PTG hands
1644	GT Pant grunted to BB he ignored									PTG
1646	KK LK BB ST YB TJ ES PG PB AJ MS TU	LR WL UM GT AL	LO GV WC AT UN	EU NP	B/28	L	THV		Ø	
1647	it started drizzling and				chimps were in		THV			RN
	feeding									
1700	KK LK BB ST YB TJ ES PG PB AJ MS TU	LR WL UM GT AL	LO GV WC AT UN	EU NP	B/29	L	THV		Ø	
1707	It stoped raining									
1709	ES made screams		and um		followed him					also
	Screaming BB ST TU made				YB um fled					
	Screaming PG fled silent				OTHERS made					Weans
1715	KK ST YB LK BB PG PB AJ TU TJ MS ES	LR WL UM GT AL	LO GV WC AT UN	EU NP	B/29	L	THV		Ø	

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