DAY 26th MONTH 01 YEAR 2009 OBS-PC FM TMF/40 SJTWKJBPMD HOW FOUND C

	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TU	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	ML	HH	MM	NP	EU	SJ	WC	GRID	MNK	SP	PT
Estrus																	1		1		2			2			3	3			1		3		1	2													
5:45																																																
6:00																																																
6:15																																																
6:30																																																
6:45																																																
7:00	X	X					X																													X						X	X	J/25	None	FNA	RF
7:15	X	X					X																													X						X	X				
7:30	X	X					X												X		X								X		X				X						X					
7:45	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	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	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	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	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	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	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	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	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	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	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	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	X	X	X				X	X					
11:00	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X			X			X			X	X	X	X	X	X	X	X	X	X				X	X					
11:15	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X			X			X			X	X	X	X	X	X	X	X	X	X				X	X					
11:30	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X			X			X			X	X	X	X	X	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	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	X	X	X				X	X					
12:15	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X			X			X			X	X	X	X	X	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	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	X	X	X				X	X	J/25	None	FNA	RF
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TU	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	ML	HH	MM	NP	EU	SJ	WC				
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	X	X	X				X	X	J/25	None	FNA	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	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	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	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	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	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	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	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	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	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	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	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	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	X	X	X				X	X				
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	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	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	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	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	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	X	X	X	X	X				X	X	J/25		FNA	RF
18:00	X	X	X	X	X	X	X	X	X	X	X	X	X														X	X									X					X	J/24		THV	THV
18:15	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	"		"	"
18:45	X	X	X	X	X	X	X	X	X	X	X	X	X														X	X									X					X	J/24		THV	THV
19:00	X	X	X	X	X	X	X	X	X	X	X	X	X														X	X									X					X	J/25	None	—	—
19:15																																															
19:30																																															
19:45																																															
20:00																																															
20:15																																															
20:30																																															
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TU	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	ML	HH	MM	NP	EU	SJ	WC	GRID	MNK	SP	PT
Health	4	1	1	1	4	1	1	1	1	1	1	1	1				1	1	1		1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1			1	1	1	1						

COMMENTS ST had a wound on his finger while AJ's was under the foot. Um had a swollen eye and wounds on her neck.

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

No monkeys encountered.

QT (1) LR (1) OU (1) AL (3) OT (2) ML (2)

KPC Behavior

DAY 26th MONTH 01 YEAR 09 OBSERVER FmSJTW KJ NA 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
655	Obs arrived at the FNA and found KK TU QT QV BB									
	already there.									
700	TUKK BB	QT	QV		2E/1S	✓	FNA	RF		
715	TUKK BB	QT	QV		"	✓	"	"		
721	Heard distant calls from North west of K15.									
	and this party responded with pant hoots.									
728	YB LR (LO) joined the party with AL AZAT OU OG OT OM									
	ML and YB made vocal displays and buttress blings,									
	and others made warbarks.									
730	TUKK BB YB	OU QT LR AL ML	OG QV LO AZAT	OM OT	2E/1S	✓	FNA	RF		
737	Someone made vocal displays in the feeding tree									
	and OU approached QT while screaming and mounted									
	her, then OU inspected QT by touching on the Estrous									
	and smelling on the fingers.									
740	There was a fight in poor view and several IDs									
	fled screaming and pant barking, then AL presented									
	to YB who inspected her by smelling on the Estrous.									
741	Silent cop. and dart, 6secs, F→M approach									CP AT→ML
745	YBBB TUKK	OU QT LR AL ML	QV LO OG	OM OT	2E/1S	✓	FNA	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

740 someone chased ML and she fled screaming.

WL ① TS ② UM ③ WA ③

KPC Behavior

JMK TW JM RM BP SK

DAY 26th MONTH 01 YEAR 09 OBSERVER FM SJ KJ 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						
748	DU chased and kicked ML (attack one) and									
	she fled screaming but no one responded.									
759	Other chimps joined the party and ES made vocal									
	displays and buttress bumps.									
800	YBBB LWKW TUES MSST PGAJ PBTJ	TGOU LRWAWL MLUMAL DT AL	WC TTOGAZ ATUN BVLO	WEEH OMOTTS NP	2E/1S	✓	FNA	RF		
803	LR chased OG in the feeding tree and he fled screaming.									
806	MS approached KU who mounted him and MS screamed.									
811	PG made non vocal displays in the feeding tree chasing									
	ST who fled screaming.									
813	PG made non vocal displays in the FNA chasing									
	TU who fled screaming.									
815	YBBB LWKW TUES MSST PGAJ PBTJ	TGOU LRWAWL MLUMAL DT	WC TTOGAZ ATUN BVLO	WEEH OMOTTS NP	2E/1S	✓	FNA	RF		
823	PG made non vocal displays chasing ES TJ									
	who fled screaming.									
830	YBBB LWKW TUES MSST PGAJ PBTJ	TGOU LRWAWL MLUMAL DT	WC TTOGAZ ATUN BVLO	WEEH OMOTTS NP	2E/1S	✓	FNA	RF		
838	Someone was chased in the feeding tree and fled									
845	YBBB LWKW TUES MSST PGAJ PBTJ	TGOU LRWAWL MLUMAL DT	WC TTOGAZ ATUN BVLO	WEEH OMOTTS NP	2E/1S	✓	FNA	RF	screaming.	
850	ES made non vocal displays chasing DT LR who									
	fled war barking, then ST who was nearby also									
	war barked and shook branches.									

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

758 KU TU made non vocal displays but no one responded.

MU ①

KPC Behavior

JMK MD JM RM TW SK

DAY 26th MONTH 01 YEAR 09 OBSERVER FM SJ KJ 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						
853	Es made non vocal displays to ST who									
	ignored but QT screamed.									
857	Cop. with screams and dart, 7secs, F→M approach									CP Es→WA.
859	MU MX MN joined the party and pant hooted,									
	and everyone pant hooted.									
900	YBBB LWKK TUES PSJAJ MSST TJPB	TSOU MUWA QTWLLR ALUM ML	WC MNMX TTOSAZ ATUN BVLO	WEEH OMOTTS NP	2E/1S	✓	FNA	RF		
915	YBBB LWKK TUES PSJAJ MSST TJPB	TSOU MUWA QTWLLR ALUM ML	WC MNMX TTOSAZ ATUN BVLO	WEEH OMOTTS NP	〃	✓	〃	〃		
921	LR grooming PS.									
930	YBBB LWKK TUES PSJAJ MSST TJPB	TSOU MUWA QTWLLR ALUM ML	WC MNMX TTOSAZ ATUN BVLO	WEEH OMOTTS NP	2E/1S	✓	FNA	RF		
945	YBBB LWKK TUES PSJAJ MSST TJPB	ML TSOU MUWA QTWLLR UMAL	WC MNMX TTOSAZ ATUN BVLO	WEEH OMOTTS NP	〃	✓	〃	〃		
948	QT made arm threats to WA who fled screaming,									
1000	YBBB LWKK TUES PSJAJ MSST TJPB	ML TSOU MUWA QTWLLR UMAL	WC MNMX TTOSAZ ATUN BV	WEEH OMOTTS NP	2E/1S	✓	FNA	RF		
1001	BB TU KK PS Es climbed down the feeding tree.									
1002	TU grooming BB.									
1004	KK grooming PS.									
1005	There was a fight in the feeding tree and									
	the victim fled screaming while the others									
	made war barks.									
1007	Hand clasp mutual groom									HCG BB⇔TU.

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

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

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

KPC Behavior JMK

DAY 26th MONTH 01 YEAR 09 OBSERVER Fm SJ KJ TW NB JM RM BP SK Found: © FT FFT N Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1008	Mutual groom but not hand clasp									BB ⇆ TU
1012	Hand Clasp mutual groom									HCG KU ⇆ PG
1013	KU grooming PG.									
1015	VBBB LKKU TUES PGAJ MSST TJPB	TJQU MUWA BTWLLA ALUM ML	WC MMMX TTOGAZ ATUN BVLO	WEEU OMOTTS NP	2E/1S	✓	FNA	RF		
1017	BB grooming TU.									
1022	Chain groom MS → BB → TU.									
1026	Hand clasp mutual groom									HCG BB ⇆ MS TU ⇆ ST
1027	TU grooming ST and BB grooming MS.									
1030	VBBB LKKU TUES PGAJ MSST TJPB	TJQU MUWA BTWLLA ALUM ML	WC MMMX TTOGAZ ATUN BVLO	WEEU OMOTTS NP	2E/1S	✓	FNA	RF		
1031	Chain groom MS → BB → ST.									
1032	Hand clasp mutual groom									HCG BB ⇆ ST
1033	Mutual groom but not hand clasp									BB ⇆ ST.
1034	Hand clasp mutual groom									HCG BB ⇆ ST.
1035	ST grooming BB.									
1036	BB grooming ST.									
1037	ST still has a wound on his left hand finger while									
	KM has a swollen left eye and wounds on her neck.									
1045	VBBB LKKU TUES PGAJ MSST TJPB	TJQU MUWA BTWLLA ALUM ML	WC MMMX TTOGAZ ATUN BVLO	WEEU OMOTTS NP	2E/1S	✓	FNA	RF		
1100	VBBB LKKU TUES PGAJ MSST TJPB	TJQU MUWA BTWLLA ALUM ML	WC MMMX TTOGAZ ATUN BVLO	WEEU OMOTTS NP	4	✓	4	4		

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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 26th MONTH 01 YEAR 09 OBSERVER Fm SJ KJ TW ND JmJm BP SK JMK Found: (C) FT FFT N Other_____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1105	KK grooming PG and ST grooming.						BB.			
1115	MBBB LKKK TUES PGAJ MSST TJPB	TJGU MUWA BTWLL ALML	WC MNMX TTOGAZ ATUN BNLO	WEEH OMOTTS NP	2E /JS	✓	FNA	RF		
1122	KK chased someone (female) in poor view and she fled screaming. Then MS made non vocal displays and BBTUST made warbarks.									
1123	someone was chased in poor view again and MS made non vocal displays to TU who casually avoided screaming then MS made ground slaps.									
1125	PB chased MX who fled screaming and others made warbarks.									
1129	PB chased MX again and he first fled screaming, then approached and hugged PB.									
1130	MBBB LKKK TUES PGAJ MSST TJPB	TJGU MUWA BTWLL ALUM ML	WC MNMX TTOGAZ ATUN BNLO	WEEH OMOTTS NP	2E /JS	✓	FNA	RF		
1136	KK made non vocal displays chasing WA in the feeding tree and she fled screaming.									
1145	MBBB LKKK TUES PGAJ MSST TJPB	TJGU MUWA BTWLL ALUM ML	WC MNMX TTOGAZ ATUN BNLO	WEEH OMOTTS NP	2E /JS	✓	FNA	RF		
1200	MBBB LKKK TUES PGAJ MSST TJPB	TJGU MUWA BTWLL ALUM ML	WC MNMX TTOGAZ ATUN BNLO	WEEH OMOTTS NP	4	✓	4	4		
1214	ES made non vocal displays in the tree and WK fled pant barking.									

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KPC Behavior

DAY 26th MONTH 01 YEAR 09 OBSERVER FmSJKJ TWNDJMRMBP SKJMK 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
1215	PB YBBB LKKK TUES PGAJ MSST TJ	TGOU MUWA UM QTWLLR ALML	WC MNMX LO TTOGAZ ATUN QV	WEEU OMOTTS NP	2E /1S	✓	FNA	RF		
1216	MU approached MS pant grunting and presented									
	to him, and he inspected her by touching on the Estrous.									
1230	YBBB LKKK TUES PGAJ MSST TJ PB	TGOU MUWA QTWLLR ALML UM	WC MNMX TTOGAZ ATUN QV LO	WEEU OMOTTS NP	2E /1S	✓	FNA	RF		
1231	ES PB made joint vocal displays and others panthooted.									
1239	Silent cop. and no dart, 8 secs, M→F approach									CP AJ→UM.
1240	PG was heard sneezing.									
1245	YBBB LKKK TUES PGAJ MSST TJ PB	TGOU MUWA QTWLLR ALML UM	WC MNMX TTOGAZ ATUN QV LO	WEEU OMOTTS NP	2E /1S	✓	FNA	RF		
1252	PG made non vocal displays and buttress bungs,									
	and others panthooted.									
1257	UM approached and presented to LK who									
	inspected her by touching on the Estrous.									
1300	YBBB LKKK TUES PGAJ MSST TJ PB	TGOU UMWA QTWLLR MUALML	WC MNMX TTOGAZ ATUN LO QV	WEEU OMOTTS NP	2E /1S	✓	FNA	RF		
1300	MS Made non vocal displays chasing UM who ran									
	down the tree screaming and other males warbarked.									
1301	LK made NVD and attack one to ST (slapped) and he fled screaming.									
1301	Silent cop. and no dart, 6 secs, M→F approach									CP TU→UM.
1301	Silent cop. and no dart, 5 secs, M→F approach									CP MS→UM
1301	Silent cop. and dart, 6 secs, M→F approach									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 26th MONTH 01 YEAR 09 OBSERVER TWMD JMRM FMSJKJ 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
1301	BB also made non vocal displays and attack one to ST by slapping and he fled screaming.									
1302	BB made non vocal displays and attack one to AJ by slapping and he fled screaming.									
1303	TU MS BB made joint vocal displays (Coalition) to KK LK AJ and they fled into the tree screaming. Immediately BB made non vocal displays again, and attack one to UM by slapping and she screamed but didn't avoid.									
1304	PG made attack one to UM by slapping and she retaliated chasing him, then ST also slapped her and she chased him while screaming as the other males made warbarks.									
1306	BB KK MS made joint vocal displays and BB slapped UM who screamed but didn't avoid.									
1308	LK made vocal displays and UM fled screaming then MS AJ approached and both mounted ST.									
1310	TU grooming AJ and ST grooming UM.									
1314	MS grooming ST.									

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

SK JMK TWND JM RM BP

DAY 26th MONTH 01 YEAR 09 OBSERVER FM SJKJ 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
1315	MS grooming UM.									
1315	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU MUWA UTWLLR ALML	WC MNMX TTOGAZ ATUNLO QV	WEEU OMOTTS NP	2E /1S	✓	FNA	RF		
1316	AJ licking his wound.									
1317	MS grooming AJ.									
1318	MS grooming BB.									
1319	Silent cop. and no dart, 10 secs, M→F approach, MS groomed.									CP MS→UM
1323	AJ grooming BB.									
1330	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA QTWLLR ALML MU	WCLO MNMX TTOGAZ ATUN QV	WEEU OMOTTS NP	2E /1S	✓	FNA	RF		
1345	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA QTWLLR ALML MU	WC MNMXLO TTOGAZ ATUN QV	WEEU OMOTTS NP	"	✓	"	"		
1400	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA QTWLLR ALML MU	WC MNMX TTOGAZ ATUN QTLO	WEEU OMOTTS NP	"	✓	"	"		
1415	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA QTWLLR ALML MU	WC MNMX TTOGAZ ATUN QV	WEEU OMOTTS NP	2E /1S	✓	FNA	RF		
1422	ES made vocal displays and buttress bungs,									
	and others responded with pant hoots.									
1423	LK grooming MS.									
1427	LK grooming TU.									
1430	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA QTWLLR ALML MU	WCLO MNMX TTOGAZ ATUN QV	WEEU OMOTTS NP	2E /1S	✓	FNA	RF		
1436	TU grooming BB.									
1437	Hand clasp mutual groom									Hcg TU⇄BB
1438	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

KPC Behavior

DAY 26th MONTH 01 YEAR 09 OBSERVER FM SJ KJ TW MD 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
1448	BB grooming LK.									
1444	Hand clasp mutual groom									HCG BB↔LK
1445	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA BTWLLR ALMK MU	WCLO MN MX BV TTOGAZ ATUN	WEEH OMOTTS NP	2E/1S	✓	FNA	RF		
1446	BB grooming LK.									
1448	LK grooming BB.									
1451	It started raining.									RN
1453	There was a fight in dense vegetation									
	and was not clearly seen because of the rain.									
1500	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA BTWLLR ALMK MU	WCLO MN MX BV TTOGAZ ATUN	WEEH OMOTTS NP	2E/1S	✓	FNA	RF		
1515	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA BTWLLR ALMK MU	WCLO MN MX BV TTOGAZ ATUN	WEEH OMOTTS NP	4	✓	4	4		
1527	some males made vocal displays and									
	buttress bumps and others filed warbarking.									
1530	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA BTWLLR ALMK MU	WCLO MN MX BV TTOGAZ ATUN	WEEH OMOTTS NP	2E/1S	✓	FNA	RF		
1545	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA AL BTWLLR MLMU	WCLO MN MX BV TTOGAZ ATUN	WEEH OMOTTS NP	4	✓	4	4		
1600	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA AL BTWLLR MLMU	WCLO MN MX BV TTOGAZ ATUN	WEEH OMOTTS NP	4	✓	4	4		
1615	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA BTALLR WLMU	WCLO MN MX BV TTOGAZ ATUN	WEEH OMOTTS NP	4	✓	4	4		
1630	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU MWA UMWA BTAL LRMU	WCLO MN MX BV TTOGAZ ATUN	WEEH OMOTTS NP	4	✓	4	4		
1645	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA AL BTWLLR MLMU	WCLO MN MX BV TTOGAZ ATUN	WEEH OMOTTS NP	4	✓	4	4		
1700	TJ YBBB LKKK TUES PGAJ MSST PB	TGOU UMWA BTWLLR MLMU AL	WCLO MN MX BV TTOGAZ ATUN	WEEH OMOTTS NP	2E/1S	✓	FNA	RF		

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KPC Behavior

DAY 26th MONTH 01 YEAR 09 OBSERVER Fm SJ KJ TW ND 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
1715	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA QTWLLR MUML AL	WCLO MNMX QN TTOGAZ ATUN	WEEU OMOTTS NP	2E/1S	✓	FNA	RF		
1720	It stopped raining.									
1727	Cop. with screams but no dart 11 secs, M→F approach									CP TU→UM
1730	YBBB LKKK TUES PGAJ MSST PBTJ	AL TGOU UMWA QTWLLR MUML	WCLO MNMX QN TTOGAZ ATUN	WEEU OMOTTS NP	2E/1S	✓	FNA	RF		
1742	most chimps climbed down the feeding tree									
	leaving there TJ.									
1745	YBBB LKKK TUES PGAJ MSST PBTJ	TGOU UMWA QTWLLR MUML AL	WCLO MNMX QN TTOGAZ ATUN	WEEU OMOTTS NP	2E/1S	✓	FNA	RF		
1750	Chimps separated and we followed									
	MSST AJ PG PB TUES TJ BB EU UMUN.									
1755	Chimps moved into THV.									
1800	MSST BBAJ PG PB ESTJ TU	UM	UN	EU	K/WB	✓	THV	THV		
1805	Heard distant calls from south of K 15									
	and this party didn't respond.									
1815	MSST BBAJ PG PB TUES TJ	UM	UN	EU	K/WB	✓	THV	THV		
1830	MSST BBAJ PG PB TUES TJ	UM	UN	EU	"	✓	"	"		
1845	MSST BBAJ PG PB TUES TJ	UM	UN	EU	K/WB	✓	THV	THV		
1859	ST moved into an old nest, 6m high DBH 10 cm (E) sp. UWA									
1900	MSST BBAJ PG PB TUES TJ	UM	UN	EU	2E/WB					
1902	Two other chimps were seen in the nests.									
1905	Obs leaving the nest site but others had not yet nested.									

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