DAY 25th MONTH 08 YEAR 09 OBS-PC FM TMF/40 KJTWAG HOW FOUND N

	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	AN	GRID	MNK	SP	PT
Estrus													2																																					
5:45																																																	
6:00																																																	
6:15																																																	
6:30			X								X																																		0/27		—	—
6:45			X								X																														X						FNA	RF
7:00			X							X																																				Blu			
7:15	X		X							X																																						
7:30	X		X							X																																						
7:45	X		X							X																																						
8:00	X		X							X																																						
8:15	X		X				X			X																																						
8:30	X		X				X			X																																				FNA	RF
8:45	X		X				X			X																																				—	—
9:00	X		X				X			X																																				—	—
9:15	X		X				X			X																																			Blu	—	—
9:30	X		X				X			X																																				—	—
9:45	X		X				X			X																																				—	—
10:00	X		X				X			X																																				—	—
10:15	X		X				X			X																																				—	—
10:30	X		X				X			X																																				—	—
10:45	X		X				X			X																																				THV	THV
11:00	X		X				X			X																																						
11:15	X		X				X			X																																						
11:30	X		X				X			X																																						
11:45	X		X				X			X																																						
12:00	X		X				X			X																																						
12:15	X		X				X			X																																						
12:30	X		X				X			X																																						
12:45	X		X				X			X																																				0/27		THV	THV
	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	AN				
13:00	X		X				X			X																																				0/26		THV	THV
13:15				X																																									0/25	RDC	—	—
13:30				X																																											COM	RF
13:45				X																																												
14:00				X																																											RDC		
14:15				X																																												
14:30				X																																												
14:45				X																																												
15:00				X																																												
15:15	X		X				X			X		X																																			RDC		
15:30	X		X				X			X		X																																			"		
15:45	X		X				X			X		X																																			RDC		
16:00	X		X				X			X		X																																			"	COM	RF
16:15	X		X				X					X																																			0/25	RDC	TRI	YL
16:30	X		X				X																																								0/26		—	—
16:45	X		X				X																																								"		—	—
17:00	X		X				X																																								N/26		TRI	YL
17:15	X		X				X																																										"	"
17:30	X		X				X																																										THV	THV
17:45			X																																														CAF	YL
18:00			X																																														"	"
18:15			X																																														N/26		CAF	YL
18:30			X																																														N/27		TRI	YL
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19:00																																																			
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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	AN	GRID	MNK	SP	PT
Health	1		1	1	4		1			1	1	1	1	1	1				1	1	1	1	1	1	1			1	1	1	1				1	1	1	1	4			2	1	1				

COMMENTS AJ RD had wounds and EU 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

BL (2) BU (2) RD (2) OU (1) QT (1) WN (1) AN (1) OT (1)

KPC Behavior

DAY 25th MONTH 08 YEAR 2009 KPC Fm OTHERS KJ TW AG FOUND N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
621	Obs arrived at the nest site and found chimps had left the nests but were still around.									
630	YB PB				17/10					
638	The party joined other IDs and made vocal displays and buttress bungs.									
645	YB PB	BL BU RD	BO		19/JG	✓	FNA	RF		
659	more IDs joined the party and BB with some one else made non vocal displays and buttress bungs and others responded with wear barks.									
	YB PB RD climbed down to meet them.									
700	YB BB ES AJ PB TJ ST	WN AN QT OU BL OT BU RD	BO AZ OG WE BW AT	OM OR AN EM	19/JG	✓	FNA	RF	BU	
703	TJ made non vocal displays and buttress bungs, and others made wear barks.									
705	YB made non vocal displays chasing QT who fled screaming into the tree.									
706	YB made non vocal displays and QU AT OG fled pant barking.									
709	YB chased QU who fled screaming and									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim: No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
703	TJ	11 Secs						NONE							Reunion	G
705	YB							QT		F	✓				Reunion	G
706	YB							QU AT OG		F	✓				Unknown	G
709	YB							QU		F	✓				Unknown	G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

LR ①

KPC Behavior

DAY 25 MONTH 08 YEAR 2009 KPC Fm OTHERS KJTWAG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
	made attack one to her by kicking, then									
	made non vocal displays and buttress bungs									
	as OU waarbarked.									
710	TJ chased wh who fled screaming									
	in the feeding tree.									
712	AJ made non vocal displays chasing TJ									
	who fled screaming.									
715	YB BB PB AJ ES TJ ST	WL AL QT OU BL OT RD BU	BOAZ WC QV OG AT	OMOL AN EU	19/J9	✓	FNA	RF	Blu	
716	YB climbed back into the feeding tree									
730	YB BB AJ PB TJ ST ES	RD WL AL QT OU OT BL BU	BOAZ WC QV AT OG	OMOL AN EU	19/J9	✓	FNA	RF	Blu	
738	Heard distant calls from west of MKE and									
	this party panthooted									
740	ES was seen without the snare and									
	his hand has healed. We dont									
	know how he got rid of it.									
745	YB BB PB AJ ST ES TJ	WL AL QT OU BL OT BU RD	BOAZ WC QV AT OG	OMOL AN EU	19/J9	✓	FNA	RF	Blu	
754	LR (LO) NP joined the party and pant barked.									
800	YB BB PB AJ ST ES TJ	WL AL RD QT OU BL OT BU LR	BOAZ WC QV AT LO OG	OMOL AN EU NP	19/J9	✓	FNA	RF	Blu	

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
		Duration														
710	TJ			3secs				WL		F	✓				unknown	9
712	AJ	9secs		2secs				TJ		F	✓				unknown	9

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

721 ST joined the party.

KPC Behavior

DAY 25th MONTH 08 YEAR 2009 KPC Fm OTHERS KJ TW AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
801	OU approached pant grunting and extended a hand to AJ who ignored.									PTG
803	KK LK made non vocal displays as they joined the party and KK made buttressbungs and PB climbed down pantbarking to them.									
805	KK made non vocal displays and buttress bungs but no one responded.									
809	KK made non vocal displays chasing some IDs in the feeding tree and BL climbed down screaming.									
815	TJ LKKK YBBB STES PBAJ	WLAL QT OU BLOT BU LR RD	09 BOAZ ATWC QV LO	OMOL AMEU NP	19/JG	✓	FNA	RF	Blu	
815	KK climbed down the feeding tree and made non vocal displays and buttressbungs and someone warbarked.									
828	ES inspected BU by touching and smelling on the Estrous.									
829	KK made non vocal displays and buttress bungs chasing YB who fled pant barking.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
		Duration														
803	LKKK		18 secs					None							Re union	9
805	KK		10 secs					None							Re union	9
815	KK		21 secs					None							Unknown	9
829	KK							YB		F	✓				Unknown	9

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; SOIL: Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 25th MONTH 08 YEAR 2009 KPC Fm OTHERS KJ TW AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
829	Es made non vocal displays to OUWL									
	who fled screaming and OU made wearbarks.									
830	LKKK YB BB STES PB AJ TJ	QT OU BLOT WLLR BURD AL	09 BOAZ ATLOWC QV	OMOL ANEU NP	19/J9	✓	FNA	RF	BLU	
833	BB made non vocal displays to OUWLAL									
	who ran into trees pant barking, then LKKK									
	made joint non vocal displays to BB who									
	ran into the silently.									
834	LK made attack one to BB by kicking and									
	he screamed, then retaliated chasing him,									
	and he ran making NVD into the tree.									
835	LK made non vocal displays and buttress									
	bungs, and KK joined him making non									
	vocal displays.									
838	BB made non vocal displays and attack									
	one to YB by kicking and he fled screaming									
	to KK and they made a coalition chasing									
	BB who fled silently.									
840	KK made non vocal displays and BB									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack 1	Attack 2	Attack 3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
834	LK				✓			BB		NO	✓		✓		unknown	9
835	LK		11secs					None							unknown	9
838	BB		3secs		✓			YB		C	✓		✓		unknown	9
838	YBKK			4secs				BB		F	NO				protection	9
840	KK		5secs					BB		F	NO				unknown	9

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; SOIL: Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 25th MONTH 08 YEAR 2009 KPC Fm OTHERS KJ TW AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
	ran into the tree silently.									
843	All the chimps are out of the tree.									
845	LKKK YBBB PBAJ STES TJ	BLOT OU WL LR AL QT BU RD	OG BOAZ WC QV ATLO	OMOL AN EU NP	19/J9				Blu	
850	KK Inspected BL by smelling on the Estrous.									
859	ST grooming LK.									
900	LKKK YBBB PBAJ STES TJ	QT OU BLOT WL LR BU AL RD	OG BOAZ ATLO QV WC	OMOL AN EU NP	19/J9				Blu	
915	LKKK YBBB PBAJ STES TJ	QT OU BLOT WL LR BU AL RD	WC BOAZ ATLO OG QV	OMOL AN EU NP	"				"	
916	YB feeding on Trichillia young leaves.									
920	YB eating brown soil from the ground.									SL
930	TJ LKKK YBBB STES PBAJ	QT OU BLOT WL LR AL BU RD	BOAZ ATLO WC OG QV	OMOL AN EU NP	17/10					
931	KK grooming BB.									
945	TJ LKKK YBBB STES PBAJ	QT OU BLOT WL LR AL BU RD	BOAZ ATLO WC QV OG	OMOL AN EU NP	17/10					
1000	LKKK YBBB STES PBAJ TJ	QT OU BLOT WL LR AL BU RD	QV BOAZ ATLO WC OG	EU OMOL AN NP	"					
1014	AT approached KK pantgrunting but he ignored									PTG
1015	LKKK YBBB STES PBAJ TJ	QT OU BLOT WL LR AL BU RD	QV BOAZ ATWC LO OG	EU OMOL AN NP	17/10					
1020	AT grooming KK.									
1023	RD grooming AP.									
1025	AT grooming ES.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Behavioral Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 25th MONTH 08 YEAR 2009 KPC Fm OTHERS KJTWAG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1029	AT grooming KK.									
1030	LKKK YBBB STES PBAT TJ	QTOU BLOT WLLR ALBU RD	QV BOAZ ATWC LOQ	EU OMOL ANNP	17/J9					
1031	NP grooming RD.									
1032	Cop. with Screams and dart, 11secs, F→M approach, and NP interfered by making non vocal displays but they didn't stop.									CP AT→RD
1034	Silent cop. and dart, 5 secs, F→M approach and NP displayed to them (NVD) and both chased her waarbarking and she fled silently.									CP AT→RD
1036	Cop. with screams and no dart, 10secs, F→M approach, NP made non vocal displays but they didn't stop. AT groomed RD after copulation.									CP AT→RD
1038	KK grooming BB.									
1039	AT playing with NP by tickling and biting.									
1040	Hand clasp mutual groom									HCG BB⇄KK
1041	KK grooming BB.									
1042	AT grooming NP.									
1045	LKKK YBBB STES PBAT TJ	QTOU BLOT WLLR ALBU RD	BOAZ ATWC OG LOQV	EU OMOL ANNP	17/J9	✓	THV	THV		

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Behavioral Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes
1032	11secs	RD	AT	yes	No	yes	yes	RD	NP interfered.
1034	5secs	RD	AT	yes	No	No	yes	RD	
1036	10secs	RD	AT	yes	yes	yes	No	RD	

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

T9 ①

KPC Behavior

DAY 25th MONTH 08 YEAR 2009 KPC Fm OTHERS KJ TW AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1054	BB grooming KK.									
1057	ST grooming BB.									
1058	Hand clasp mutual groom									Hcg BB⇆ST
1059	Mutual groom but not hand clasp									BB⇆ST
1100	LKKK YBBB STES PBAJ TJ	QTOU BLOT WLLR ALBU RD	BOAZ ATWC OG LO QV	EU OMOL ANMP	17/10	✓	THV	THV		
1101	ST, KK grooming BB.									
1103	BB grooming ST.									
1104	KK made non vocal displays chasing RD									
	who ran into the tree screaming. TJ also									
	fled waarbarking and AT MP climbed									
	trees silently.									
1107	T9 (TD) TSTT joined the party and LK made									
	non vocal displays and buttress bungs.									
1115	LKKK YBBB PBAJ STES TJ	BLOT QTOU T9 AL BURD WLLR	BOAZ ATTOG WCLO QV	EU OMOL TSTD AN MP	17/10	✓	THV	THV		
1120	LR WL made joint non vocal displays									
	chasing BU who ran in tree screaming.									
	At the same time, some one was chased in									
	poor view by the males and he fled screaming.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
		Duration														
1107	LK		27secs					None							Re union	9

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 25th MONTH 08 YEAR 2009 KPC Fm OTHERS KJ TW AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1121	WL made vocal displays to BU who again ran in trees screaming.									
1126	KK made non vocal displays and LK joined him. LK chased BB who ran into the tree screaming and he (LK) continued displaying and made buttress bungs.									
1127	KK made non vocal displays but no one responded.									
1130	LKKK YB BB PB AJ STES TJ	BLOT QT OU TJ AL BU RD WL LR	BOAZ ATTTOG WCLO OV	EU OMOL TSTDAN NP	17/10	✓	THV	THV		
1133	EU was heard sneezing.									
1133	EU feeding on ANT young leaves.									
1134	YB made attack one to OU by kicking and she casually avoided screaming.									
1138	YB made non vocal displays and buttress bungs chasing TJ who fled screaming. OT AL pant barked.									
1142	AJ inspected RD by touching on the Estrous.									
1145	TJ LKKK YB BB PB AJ STES	BLOT OU QT TJ AL BU RD WL LR	BOAZ ATTTOG WCLO OV	EU OMOL TSTDAN NP	17/10	✓	THV	THV		
1146	Cop. with screams and dart, 17 secs, F→M approach									CP AT→RD

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack 1	Attack 2	Attack 3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
		Duration														
1121	WL	4secs						BU		F	✓				Unknown	9
1127	KK		8secs					None							Unknown	9
1134	YB				✓			OU		C	✓				Unknown	9
1138	YB		35secs	2secs				TJ		F	✓				Unknown	9

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes
1146	17secs	RD	AT	No	No	yes	yes	RD	

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RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 25 MONTH 08 YEAR 2009 KPC Fm OTHERS KJ TW AG FOUND M

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1150	BB made non vocal displays chasing									
	Some one in dense vegetation and fled screaming									
1153	WL approached AJ pant grunting but									PTG
	he didn't respond.									
1159	YB pant grunted to KK who groomed him.									PTG
1200	LKKK YBBB PBAJ STES TJ	BLOT QTOU TGAL BURD WLLR	BOAZ ATTOG WCLO QV	EU OMOL TSTD AN MP	15/10	✓	THV	THV		
1202	YB grooming KK.									
1203	Chain grooming, ST → YB → KK.									
1204	ST grooming YB.									
1208	LK grooming YB.									
1212	YB grooming LK.									
1214	Hand clasp mutual groom									Hcg LK ⇄ YB
1215	mutual groom but not hand clasp									LK ⇄ YB
1215	LKKK YBBB PBAJ STES TJ	BLOT QTOU TGAL BURD WLLR	BOAZ ATTOG WCLO QV	EU OMOL AN TSTD MP	15/10	✓	THV	THV		
1216	YB grooming LK.									
1220	Someone was chased in poor view and									
	fled screaming.									
1221	YB grooming AJ.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Behavioral Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

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RD: Rain display; SOIL: Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
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KPC Behavior

DAY 25th MONTH OR YEAR 2009 KPC Fm OTHERS KJ TWAG FOUND N

Time	Party Composition: AMM	AFF (include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1225	Hand clasp mutual groom									Hcg AJ SBB
1226	mutual groom but not hand clasp									AJ SBB
1227	Someone made non vocal displays and buttress bangs chasing BM who fled screaming.									
1228	AJ grooming YB.									
1230	TJ LUKE YB BB PB AJ STES	BLOT BTOU TSAL BURD WILA	BOAZ ATTTOG WEKO BW	EM OMOT TSTOM NP	IS 10	✓	THV	THV		
1231	YB grooming AJ.									
1234	AJ's wound is about to heal.									
1236	AJ grooming YB.									
1237	RD has a small wound on her Estrous.									
1238	AJ stopped grooming YB and picked a leaf which he groomed for 40 secs then groomed YB again.									TLU
1245	LUKE YB BB STES PB AJ TJ	BLOT BTOU TSAL WILA BURD	BOAZ ATTTOG WEKO BW	EM OMOT TSTOM NP	IS 10	✓	THV	THV		
1257	AL approached YB pant barking but he ignored.									
1300	LUKE YB BB STES PB AJ TJ	BLOT BTOU TSAL WILA BURD	BOAZ ATTTOG WEKO BW	EM OMOT TSTOM NP	IS 10	✓	THV	THV		
1305	YB AL eating red soil from the roots of a fallen tree.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim: No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
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KPC Behavior

DAY 25th MONTH 08 YEAR 2009 KPC Fm OTHERS KJ AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1306	YB feeding on Trichillia young leaves.									
1308	Chimps separated and we followed AL AZ ATAN YB									
1315	YB	AL	ATAZ	AN	P/8				RDC	
1318	Chimps climbed into com making food barks.									FBK
1330	YB	AL	ATAZ	AN	M/6	✓	com	RF		
1345	YB	AL	ATAZ	AN	"	✓	"	"		
1350	Heard distant calls from East of NKE									
	and this party didn't respond.									
1400	YB	AL	ATAZ	AN	M/6	✓	Com	RF	RDC	
1407	OU QT families joined the party again and									
	climbed into the tree making food barks.									FBK
1411	WL NP also joined the party.									
1415	YB	AL OU QT WL OT	OG AT AZ QVWC	OMOL ANNP	M/6	✓	Com	RF		
1430	YB	AL OU QT WL OT	OG ATAZ QVWC	NP OMOL AN	"	✓	"	"		
1445	YB	AL OU QT WL OT	OG ATAZ QVWC	NPAN OMOL	"	✓	"	"		
1500	YB	AL OU QT WL OT	OG ATAZ QVWC	OMOL ANNP	M/6	✓	Com	RF		
1508	• ST KK joined the party and KK made									
	non vocal displays and buttressbungs and others wants.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Behavioral Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
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RD: Rain display; SOIL: Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
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KPC Behavior

DAY 25th MONTH 08 YEAR 2009 KPC Fm OTHERS KJ AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1514	BB ES EU	joined the party.								
1515	BBES KK ST YB TJ	WL OU QT OT T9 AL	O9 ATAZ QV WC TT	TS TJ OMOL ANNP EU	M/6	✓	Com	RF	RDC	
1521	Some one was chased (juvenile) in the									
	feeding tree and fled screaming.									
1526	T9 approached pant grunting and presented									
	to BB who inspected her by touching on the Estrous.									
1530	BBES STTJ KK YB	WL OU QT OT T9 AL	O9 ATAZ QV WC TT	OMOL EU ANNP TSTD	M/6	✓	Com	RF	RDC	
1536	OU WL QT families leaving the feeding tree.									
1543	OU grooming om.									
1545	BBES STTJ KK YB	WL OU QT OT T9 AL	TT O9 ATAZ WC QV	OMOL ANNP EU TSTD	M/6	✓	Com	RF	RDC RDT	
1600	BBES STTJ KK YB	WL OU QT OT T9 AL	TT O9 ATAZ QV WC	OMOL ANNP EU TSTD	"	✓	"	"	"	
1606	BB AT YB KK leaving the feeding tree.									
1614	BB feeding on Trichilia young leaves.									
1615	BBKK YBST				M/6	✓	TRI	YL	RDC RDT	
1628	KK made non vocal displays (RD) and YBSTBB									RD
	joined him.									
1630	YBBB STKK				M/8					
1632	KK YB made non vocal displays (RD) and									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Behavioral Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

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1610 Chimps separated as it started raining.

KPC Behavior

DAY 25th MONTH 08 YEAR 2009 KPC Fm OTHERS KJ AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
	BB casually and silently avoided.									
1645	YBBB STK				GT P					
1648	BB ST feeding on Trichilia young leaves.									
1650	ST stopped mining.									
1652	KK also climbed into TRI and together									FBK
	with ST made food barks.									
1656	YB feeding on TAS young leaves.									
1700	YBBB KKST				15 KRD	✓	TRI	YL		
1715	YBBB KKST				"	✓	"	"		
1730	YBBB KKST				"	✓	THV	THV		
1741	Chimps scattered and we followed YB									
	alone who is today's focal.									
1745	YB				19 KRD	✓	CAF	YL		
1800	YB				"	✓	"	"		
1815	YB				"	✓	CAF	YL		
1820	YB climbed down and started moving.									
1824	YB feeding on ANT young leaves.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Behavioral Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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KPC Behavior

DAY 25th MONTH 08 YEAR 2009 KPC Fm OTHERS KJ AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1827	YB feeding on Trichillia young leaves.									
1830	YB				10/KRD	✓	TRI	YL		
1837	YB building a night nest, 13 m high,									
	DBH 18 cm (E) sp. Uvariopsis.									
1845	YB				10/KRD					
1846	Obs leaving the nest site.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Behavioral Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

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