DAY 9th MONTH AUG YEAR 2009 OBS-PC KJ TMF/40 FM AG 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	OF	HH	JJ	GRID	MNK	SP	PT
5:45																																																
6:00							X	X											X	X	X							X	X	X											X			V	X	K123		FNA	RF
6:15							X	X											X	X	X							X	X	X											X			V	X				
6:30							X	X											X	X	X							X	X	X											X			V	X				
6:45							X	X											X	X	X							X	X	X											X			V	X				
7:00							X	X											X	X	X							X	X	X											X			V	X				
7:15							X	X											X	X	X							X	X	X										X	X			V	X				
7:30							X	X											X	X	X							X	X	X										X	X			V	X				
7:45							X	X											X	X	X							X	X	X										X	X			V	X				
8:00							X	X											X	X	X							X	X	X										X	X			V	X				
8:15							X	X											X	X	X							X	X	X										X	X			V	X				
8:30							X	X											X	X	X							X	X	X										X	X			V	X				
8:45							X	X											X	X	X	X	X					X	X	X										X	X			V	X				
9:00							X	X											X	X	X	X	X					X	X	X										X	X			V	X				
9:15							X	X											X	X	X	X	X					X	X	X										X	X			V	X				
9:30							X	X											X	X	X	X	X					X	X	X										X	X			V	X				
9:45							X	X											X	X	X	X	X					X	X	X										X	X			V	X				
10:00							X	X											X	X	X	X	X					X	X	X										X	X			V	X				
10:15							X	X											X	X	X	X	X					X	X	X										X	X			V	X				
10:30							X	X											X	X	X	X	X					X	X	X										X	X			V	X				
10:45							X	X											X	X	X	X	X					X	X	X										X	X			V	X				
11:00							X	X											X	X	X	X	X					X	X	X										X	X			V	X				
11:15							X	X				X							X	X	X		X					X	X	X										X	X			V	X				
11:30							X	X				X																																				
11:45							X	X				X																																				
12:00							X	X				X																																				
12:15							X	X				X																																				
12:30							X	X																																						K123		THU	THU
12:45							X	X																																					K124			
	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	OF	HH	JJ				
13:00							X	X																																								
13:15							X	X																																						K124			
13:30							X	X																																						J124			
13:45							X	X																																						J124			
14:00							X	X																																						I125			
14:15							X	X																																									
14:30							X	X																																									
14:45				X			X	X																																									
15:00				X			X	X																																									
15:15				X			X	X																																									
15:30				X			X	X																																									
15:45				X			X	X																																									
16:00				X			X	X																																									
16:15				X			X	X																																									
16:30				X			X	X	X																																								
16:45				X			X	X																																									
17:00				X			X	X	X																																								
17:15				X			X	X	X																																								
17:30				X			X	X	X																						X	X	X																
17:45				X			X	X	X										X	X	X	X						X	X	X											X			V	X				
18:00				X			X	X	X										X	X	X	X						X	X	X											X			V	X				
18:15				X			X	X	X										X	X	X	X						X	X	X											X			V	X				
18:30				X			X	X	X										X	X	X	X						X	X	X											X			V	X				
18:45				X			X	X	X										X	X	X	X						X	X	X											X			V	X				
19:00				X			X	X	X										X	X	X	X						X	X	X											X			V	X	I125			
19:15																																																
19:30																																																
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	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	OF	HH	JJ	GRID	MNK	SP	PT
Health				H																																												

COMMENTS YB has swound on his bottocks.

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

KPC Behavior

QU, AL, OT, QT, GPS A

DAY 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FM AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
557	Obs arrived at the nests and found some of the Jds ahead in the tree feeding because of the moon light.									
600	KK LK	QU AL OT	AT AZ OG	OM OL AN NP	L 800	✓	FNA	RF	∅	
606	KK made vocal displays and buttress bangs, Some one made waas Others made pant barks.									
608	KK climbed into the feeding tree.									
609	Some one was chased in the feeding tree and fled screaming. some Jds also fled pant barking.									
615	KK LK	QU AL OT	AT AZ OG	OM OL AN NP	L 800	✓	FNA	RF	∅	
630	KK LK	QU AL OT	AT AZ OG	OM OL AN NP	"	✓	FNA	RF	∅	
645	KK LK	QU OT AL	AT AZ OG	OM OL NP AN	"	✓	FNA	RF	∅	
700	KK LK	QU OT AL	AT AZ OG	OM OL AN NP	"	✓	FNA	RF	∅	
702	QT @ Joined the party, She climbed into the feeding and approached KK pant barking and presented to him. KK touched on the estrous then QT groomed him.									

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
606	KK	7Sec						None							AWAKE	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 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FM AG JM RM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
709	OU approached OT who made screams and									
	then moved away OU supplanted her.									
715	KK LK	OU OT AL OT	AT AZ OG OV	OM OT NP AN	L 800	✓	FNA	RF	Ø	
724	NP grooming KK									
730	KK LK	OU OT AL OT	AT AZ OG OV	OM OT NP AN	L 800	✓	FNA	RF	Ø	
735	OT making a day nest in the feeding tree at									
	about 24 metres high.									
745	KK LK	OU OT AL OT	AT AZ OG OV	OM OT NP AN	L 800	✓	FNA	RF	Ø	
746	OU making a day nest also in the feeding									
	tree at the same height.									
800	KK LK	OU OT AL OT	AT AZ OG OV	OM OT NP AN	L 800	✓	FNA	RF	Ø	
815	KK LK	OU OT AL OT	AT AZ OG OV	OM OT NP AN	"	✓	FNA	RF	Ø	
818	LK grooming KK									
824	KK grooming LK.									
829	LK grooming KK									
830	KK LK	OU OT AL OT	AT AZ OG OV	OM OT NP AN	L 800	✓	FNA	RF	Ø	
834	LK was seen carrying a stick in his grain									
	then to the hand 50×3cm.									

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 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FM AG RM JM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
835	TG family joined the party. The party made									
	made pant barks, TG family also did the									
	same.									
845	KK LK	OL AL OT GT	AT AZ TT OG CV	OM OL NP AN TS TO	L 800	V	FNA	RF	Ø	
849	LK entered into an nd nest in a Diospyrus									
	of about 38 cm dbh at 22 metres.									
852	OL grooming KK									
900	KK LK	OL OT TG GT AL	AT AZ TT OG CV	OM OL NP AN TS TO	L 800	V	FNA	RF	Ø	
915	KK LK	OL OT TG GT AL	AT AZ TT OG CV	OM OL NP AN TS TO	"	V	FNA	RF	Ø	
926	KK coming out of the feeding tree									
927	OT coming out of the day nest.									
927	AT grooming KK									
"	.									
929	OL grooming OG.									
"	OM grooming GT.									
"	KK inspecting GT by touching on the estrous.									
930	LKKK	OL OT TG GT AL	AT AZ TT OG CV	OM OL NP AN TS TO	L 800	V	FNA	RF	Ø	
"	OL grooming KK									

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 9th MONTH AUG YEAR 2009 KPC KT OTHERS FM AG JM RM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
930	All chimps left the feeding tree.									
931	Hand clasp mutual groom			KK⇆QT						HCG
933	KK grooming QT									
934	QT grooming KK									
〃	AL grooming AT									
935	Hand clasp mutual groom			KK⇆QT						HCG
936	QT grooming KK.									
938	mutual groom KK⇆QT									
〃	OL grooming OG.									
939	KK grooming QT									
939	Hand clasp mutual groom			AL⇆AT						HCG
940	QT grooming KK									
〃	AT grooming AL									
941	TG grooming KK									
942	AL grooming AT									
943	Hand clasp mutual groom			TG⇆KK						HCG
〃	OL grooming OM.									
944	Chain groom AZ→AL→AT									

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 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FMAG JM RM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
945	KK LK	OL OT AL TG OT	AT AZ TT OG OV	OM OL TS TO NP AN	L 800				Ø	
"	TG grooming KK									
946	Hand clasp mutual groom		TG ⟷		KK					HCG
947	Hand clasp mutual groom		AT ⟷		AL					HCG
"	OG playing with AZ by both bitting & wrestling									
947	KK grooming TG after hand clasp.									
949	chain groom KK → TG → TT									
950	TS playing with OV by touching.									
951	OG playing with TT by wrestling and bitting.									
952	TT playing with AT by beating one another.									
953	AL grooming KK.									
957	OT playing with OV by touching									AP
958	OT grooming OV									
"	OM playing with AZ by chasing one another.									
1000	KK LK	OL OT AL TG OT	AT AZ TT OG OV	OM OL TS TO NP AN	L 800				Ø	
1002	OM grooming OL.									
1008	OT grooming KK									
1015	KK LK	OL OT AL TG OT	AT AZ TT OG OV	OM OL TS TO NP AN	L 800				Ø	

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 9th MONTH AUG YEAR 2004 KPC KJ OTHERS FM AG JM RM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1016	NP playing with TT by wrestling.									
1030	KK LK	OM OT AL OT TG	AT AZ TT OG OV	OM OL TS TO NP AN	L 800				∅	
1036	KK moved towards OT who made pant grunts before him.									PTG
1037	OT approached KK pant grunting and presented to him. KK ignored. Then OT extended ahand, still KK ignored.									PTG
1038	Chimps started feeding on THV as LK leaves the nest.									
1045	KK LK	OM OT AL TG OT	AT AZ TT OG OV	OM OL TS TO NP AN	L 800	✓	THV	THV	∅	
1051	KK made non vocal displays and buttress bungs others did not respond									
1052	KK feeding on PEN PITH.									
1100	KK LK	OM OT AL TG OT	AT AZ TT OG OV	OM OL NP AN TS TO	L 800	✓	THV	THV	∅	
1102	TJ joined the party and he made pant grunts before KK and groomed him.									PTG
1106	Hand clasp mutual groom	KK ⇔				TJ				HCG
1108	KK grooming TJ									
1109	Hand clasp mutual groom	KK ⇔				TJ				HCG

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

Time	ID	VD / NvD Duration	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
1051	KK	7sec					None							un known	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
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KPC Behavior

DAY 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FM JM RM AG FOUND N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1110	TJ grooming KK.									
1115	KK LK TJ	OU OT TG AL QT	AT AZ TT OG QV	OM OR NP AN TS TD	L 800	✓	FNA THV	RF THV	Ø	
1116	Hand clasp mutual groom TJ ⇄ KK									HCG
1117	TJ grooming KK after hand clasp.									
1120	TG, OU, AL and QT families moved away being followed by RM and are out of the party.									
1126	KK made vocal displays and buttress bungs TJ joined him too then distant calls were heard from the north.									
1127	KK made non vocal displays and buttress bungs others made pant hoots.									
1127	TJ climbed into the FNA making food barks									FBK
1130	KK LK TJ				L 800	✓	FNA	RF	Ø	
1145	KK LK TJ				"	✓	FNA	RF	Ø	
1148	LK coming down from FNA followed by KK.									
1149	LK grooming KK									
1152	KK grooming LK									
1153	Hand clasp mutual groom KK ⇄ LK									HCG

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														
1126	KK		7sec					None							Social excitement	G
1127	KK		4sec					None							Social excitement	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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KPC Behavior

DAY 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FM AG JM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1154	Mutual groom KK⟷LK									
1154	Hand clasp mutual groom			KK⟷LK						HCG
1155	KK grooming LK after hand clasp.									
1200	LK KK TJ				L/800	V	FNA	RF	∅	
1202	Mutual groom but not hand clasp.				LK⟷KK					
1203	Hand clasp mutual groom.			KK⟷LK						HCG
1204	Mutual groom after hand clasp				KK⟷LK					
1205	LK grooming KK									
1209	KK grooming LK									
1211	Both LK and KK are grooming themselves.									
1215	LK KK TJ				L/800				∅	
1221	KK eating ILL YL and LK too.									
1224	KK and LK seperated from TJ leaving him feeding									
	on FNA with AG following him.									
1226	LK and KK started feeding on THV.									
1230	KK LK				Isute MFP	V	THV	THV	∅	
1237	LK was heard coughing and its productive.									
1244	LK grooming KK.									

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

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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 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FM JM FOUND N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
1245	KK LK				J/200				ϕ	K/24
1247	Hand clasp mutual groom K				KK⇐⇒LK					HCG
1249	Mutual groom after hand clasp				KK⇐⇒LK					
1250	KK grooming LK									
1251	LK grooming KK									
1252	KK grooming LK									
1258	LK grooming KK									
1300	LKKK				J/1200				ϕ	
1315	KK LK				J/WST				ϕ	
1317	LK grooming KK.									
1318	KK feeding on AFR PITH									
1330	KK LK				H/WST				ϕ	
1336	LK grooming KK									
1339	KK grooming LK.									
1342	Hand clasp mutual groom				LK⇐⇒KK					HCG
1343	KK grooming LK after hand clasp.									
1345	KK LK				H/WB				ϕ	J/24
1346	LK grooming KK.									

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

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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 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1347	KK grooming LK									
1348	LK grooming KK									
1350	Hand clasp mutual groom LK ↔ KK									HCG
1351	LK grooming KK after hand clasp.									
1400	KK LK				H/WB				∅	
1415	KK LK				"				∅	
1420	KK eating red soil from the roots of a fallen tree									
1426	LK and KK made joint vocal displays and buttress bangs									
1430	KK LK				SG/WB				∅	
1431	chimps climbed into URH making food barks.									FBK
1440	YB Joined the party, YB made pant barks LK made food barks.									
1444	YB climbed into URH making food grunts as LK continues on making food barks.									FBK
1445	YB feeding on @FST RF									

1/25

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
1426	LK	6sec						none							im known	G

Copulation

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

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KPC Behavior

DAY 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1445	LK YB KK				SC WB	✓	URH FST	RF	∅	
1454	LK approached YB and groomed him.									
1456	KK also crossed to FST.									
"	mutual groom LK ⇄ YB									
1459	YB grooming LK									
1500	LK YB KK				SC WB				∅	
"	LK grooming YB									
1501	YB grooming LK									
1507	LK grooming YB									
1509	YB grooming LK									
1512	LK grooming YB									
1515	KK YB LK				SC WB				∅	
1517	KK grooming YB									
1523	YB grooming KK									
1530	LK KK YB				SC WB				∅	
1532	KK grooming YB									
1533	LK grooming YB									
"	KK self groom.									

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 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1535	KK grooming YB									
1536	LK grooming YB									
1538	YB grooming LK									
1540	chimps coming down to the ground.									
1543	YB has awound on his battocks.									
1545	LK YB KK				SG WB				Ø	
1554	KK and LK climbed into FBR making food barks and food grunts. YB did not climb.									FBK
1600	LK YB KK				15 NB	✓	FBR	RF	Ø	
1615	LK YB KK				"	✓	FBR	RF	Ø	
1624	PG joined the party. no any calls made.									
1625	PG climbed into the feeding tree making pant hoot LK also responded with pant hoots.									
1626	LK approached PG who presented his back to him, LK groomed him.									
1630	LK YB PG KK				15 WB	✓	FBR	RF	Ø	
"	Hand clasp mutual groom			LK ↔ PG						HCG
1631	PG grooming LK.									

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

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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 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FM FOUND M

Time	Party Composition AMM	AFF (Include estrous)	JMM / JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
1632	KK moved towards PG & LK who made pant hoots then PG mounted LK and groomed him too.								
1633	LK grooming PG								
1634	Both LK and KK are grooming PG.								
1635	KK grooming PG.								
1637	PG grooming KK								
1642	KK grooming PG.								
11	LK self grooming.								
1645	KK LK PG NB			IS / NB				∅	
11	PG grooming KK								
1647	KK grooming PG.								
1649	LK grooming PG.								
1650	Heard distant calls, KK made vocal displays								
	LK and PG made pant hoots. PG groomed LK.								
1651	KK started feeding again making food barks,								
	PG and LK did the same as they continued								
	grooming.								
1657	Hand clasp mutual groom		PG ⇔ LK						HCG

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
1650	KK	45ec						None							Social excitement	T

Copulation

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

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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 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
1658	LK grooming PG after hand clasp.									
11	YB climbed into the feeding tree and started feeding.									
1700	YB LK KK PG				15 NB	✓	FBR	RF	∅	
1715	YB LK KK PG				11	✓	FBR	RF	∅	
1724	AL family with NP joined the party pant barking, the party responded with pant barks too.									
1725	AT approached KK pant grunting. LK ignored him									PTG
1725	AZ approached YB pant grunting						YB groomed			PTG
1730	KK YB LK PG	AL	AT AZ	AN	15 NB	✓	FBR	RF	∅	
1741	KK LK YB and PG coming down from FBR.									
1742	BOTH KK and LK grooming YB.									
1743	OU family joined the party, pant barking						KK LK made			
	vocal displays. Others made pant barks & hoots									
1745	LK YB KK PG	AL OU OT	AT AZ SG	AN NP	15 NB	✓	FBR	RF	∅	
1746	KK PG YB eating brown soil from ahole.									

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
1743	KK	5sec						None							Re-union	G

Copulation

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

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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 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FM FOUND M

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
1747	LK started vocal displays		KK YB		S	PG	Joined	him		
	Others did not respond.									
1750	KK smelling on the ground then				mount	LK	making			
	soft screams.									
1751	LK started feeding on THV making food barks.									FBK
1751	YB grooming KK									
1752	KK grooming YB									
1756	YB grooming KK									
1800	KK LK YB PG	OU OT AL	AT AT OG	OM OL NP AN	15 NB	✓	FBR THV	RF THV	∅	
1803	AL & OU family coming down from				FBR.					
1809	AT grooming KK as LK grooms NP									
1811	AL approached LK pant grunting, LK groomed her									PTG
1814	OM grooming KK.									
1815	KK LK YB PG	OU AL OT	AT AT OG	OL OM NP AN	NB CRD	✓	THV	THV	∅	
1819	AT playing with OG by wrestling.									
1820	OU grooming LK									
1822	Chain groom OU → LK → KK.									
1823	OU grooming OT									

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
1747	LK	8sec						None							Un Known	G

Copulation

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

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KPC Behavior

DAY 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
1824	OU grooming OL									
1830	KK YB LK PG	OU OT AL	AT AZ OG	OM OL NP AN	9E CRD	✓	THV	THV	∅	
1833	AT grooming KK									
1834	LK grooming OU.									
1838	AT grooming YB.									
1841	AT approached KK pant grunting						KK ignored.			PTG
1843	LK entered into an old nest in a UVA of about 12 cm dbh at 5 metres high and improved it by adding on more leaves.									
1845	KK LK YB PG	OU OT AL	AT AZ OG	OM OL NP AN	4S NB				∅	
1846	YB started making a night nest in a UVA of about 15 cm dbh at 6 metres high.									
1850	NP started making a night nest in a Diospyrus of about 30 cm dbh at 16 metres high									
1856	KK making a night nest in a Teclea of about 12 cm dbh at 4 metres high.									

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

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KPC Behavior

DAY 9th MONTH AUG YEAR 2009 KPC KJ OTHERS FM FOUND ____

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1900	KKLK YBPG	OUOT AL	ATAZ OG	OMOL NPAN	4S NB				Ø	
1905	Obs left the nesting 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

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