DAY 12th MONTH 08 YEAR 09 OBS-PC Fm TMF/40 Twk 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	TJ	AJ	GRID	MNK	SP	PT
Estrus													3						1				1					1			1				1		1													
5:45																																																	
6:00				X			X	X			X																																X	X		N/25		—	—
6:15				X			X				X																																X			〃		—	—
6:30				X			X				X																																X			〃		—	—
6:45				X			X				X																																X			N/25		—	—
7:00				X			X				X																																X	X		O/25		PHV	RF
7:15				X			X				X																																X			〃		PTE	YL
7:30				X			X				X																																X			〃		〃	〃
7:45				X			X				X																																X			〃	RDT	〃	〃
8:00				X			X				X																																X			〃	〃	〃	〃
8:15				X			X				X																																X			〃	RDT	〃	〃
8:30				X			X				X																																X			〃	〃	〃	〃
8:45				X			X				X																																X			〃	〃	〃	〃
9:00				X			X				X																																X			〃	〃	PTE	YL
9:15				X			X				X																																X	X		〃	〃	—	—
9:30				X			X				X																																X			〃	〃	Com	RF
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			〃	〃	Com	RF
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																																							〃	RDC	—	—
12:30							X																																							〃	〃	—	—
12:45							X																																							〃	RDC	—	—
	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	TJ	AJ				
13:00							X	X																							X	X													O/25	RDC	—	—
13:15							X																								X														〃	〃	—	—
13:30							X																								X														〃	〃	—	—
13:45							X																								X														〃	RDC	—	—
14:00							X																								X														O/25		THV	THV
14:15							X																								X														P/25		PHV	RF
14:30							X																								X														〃		〃	〃
14:45							X																								X														P/25		TIH	YL
15:00							X																								X														P/24		PHV	RF
15:15							X																								X														〃		〃	〃
15:30							X																								X														P/24		〃	〃
15:45							X																								X														D/24		〃	〃
16:00							X																								X														〃		PHV	RF
16:15							X																								X														〃		THV	THV
16:30							X																								X														R/24		—	—
16:45																																																	
17:00							X																								X														P/25		—	—
17:15							X																								X														〃		—	—
17:30							X																								X														O/25		Com	RF
17:45							X																								X														〃		〃	〃
18:00							X																								X														〃		〃	〃
18:15							X																								X														〃		Com	RF
18:30							X																								X														〃		—	—
18:45							X																								X	X														O/25		—	—
19:00																																																	
19:15																																																	
19:30																																																	
19:45																																																	
20:00																																																	
20:15																																																	
20:30																																																	
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	OL	TJ	AJ	GRID	MNK	SP	PT
Health				4															2	2											1	2																	

COMMENTS MB had a wound, and QUOTLO were heard coughing.

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 (1) OU (1) OT (1) WL (1) LR (1) AL (1) TS (1) QT (1) BU (3)

KPC Behavior

DAY 12th MONTH 08 YEAR 2009 KPC Fm OTHERS TWK FOUND M

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
557	Obs arrived at the nest site.									
600	LKKK YB PB TJ	BL BU WL LR QT TG AL OU OT	LO TTAZ BOAT OG WC QV	MP OMOL TD TS AM	E /8					
615	LKKK YB PB TJ	BL BU WL LR QT TG AL OU OT	BOAZ ATTT OG WC QV LO	MP OMOL TD TS AM	"					
628	PB leaving the night nest.									
630	LKKK YB PB TJ	BL BU WL LR QT TG AL OU OT	TTAZ BOAT OG WC QV LO	MP OMOL TD TS AM	E /8					
645	LKKK YB PB TJ	BL BU WL LR QT TG AL OU OT	TTAZ BOAT OG WC QV LO	MP OMOL TD TS AM	"					
645	BU screamed and KK LK left the night nests									
	pant hooting and PB also climbed down.									
646	LK PB approached KK pant grunting									PTG
	but he ignored them.									
646	LR (LO) leaving the night nest.									
648	KK LK made vocal displays and buttress bungs									
	and others pant barked.									
657	Someone made vocal displays and buttressbungs									
	and another one fled screaming.									
700	LKKK YB PB TJ	BL BU WL LR QT TG AL OU OT	TTAZ BOAT OG WC QV LO	MP OMOL TD TS AM	F /4	✓	PHY	RF		
709	YB made non vocal displays and buttressbungs,									
	but no one responded									

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														
648	KK LK	13 secs						None							wake	9
709	YB		21 secs					None							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 12th MONTH 08 YEAR 2009 KPC Fm OTHERS TWIC FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
710	Chimps started feeding on PTE young leaves.									
715	WKK YB PB TJ	BL BU OU OT WL LR QT TG AL	BO AZ AT TT OG WC QN LO	NP OM OL TD TS AN	F/4	✓	PTE	YL		
721	WL QT approached PB pant grunting									PTG
	but he Ignored.									
725	some one chased BU in the feeding tree									
	and he fled screaming.									
730	WKK YB PB TJ	BL BU OU OT WL LR QT TG AL	BO AZ AT TT OG WC QN LO	NP OM OL TD TS AN	F/4	✓	PTE	YL		
730	TG made an arm threat to TS who casually									
	avoided screaming but no one responded.									
734	OU was heard coughing. (productive).									
735	TJ made attack one to QT by slapping and									
	she fled screaming then waarbarked together									
	with WL and TJ fled silently.									
736	TJ approached and extended a hand to QT									
	who bite him softly.									
736	OT displayed (NND) to BO who screamed and									
	waarbarked but no one responded.									
740	OT threatened BO again and he screamed.									

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														
735	TJ				✓			QT		F	✓		✓		food competetion	T
736	OT		7secs					BO		NO	✓				food competetion	T

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 12th MONTH 08 YEAR 2009 KPC Fm OTHERS TWIC FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
	then BL approached pantbarking and OT left.									
742	OT chased BO who fled screaming									
	but no one responded.									
745	LKKK YBPB TJ	BLBU OUOT WLLR QTTG AL	LO BOAZ ATTTOG WCQV	NP OMOL TDTS AN	F/4	✓	PTE	YL	RDT	
800	LKKK YBPB TJ	AL BLBU OUOT WLLR QTTG	BOAZ ATTTOG WCQV LO	NP OMOL TDTS AN	"	✓	"	"	"	
803	YB still has a wound on the buttocks.									
815	LKKK YBPB TJ	BLBO OUOT WLLR QTTG AL	BOAZ ATTTOG WCQV LO	NP OMOL TDTS AN	F/4	✓	PTE	YL	RDT	
822	KK LK leaving the feeding tree.									
823	KK LK made joint vocal displays and									
	buttressbungs, and TJ avoided (casually) pantbarking									
826	LO has mucus on his nose. (cold).									
830	LKKK YBBB TJ	BLBO OUOT WLLR QTTG AL	BOAZ ATTTOG WCQV LO	NP OMOL TDTS AN	F/4	✓	PTE	YL		
836	TT playing with OG by tickling and									
	TT has a branch.									
841	TT playing with OG by wrestling.									
845	LKKK YBBB TJ	BLBU OUOT WLLR QTTG AL	BOAZ ATTTOG WCQV LO	NP OMOL TDTS AN	F/4	✓	PTE	YL		
847	LK KK made joint non vocal displays and									
	buttressbungs and OTTTOG TJ fled and TJ pantbarked.									

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														
742	OT			3secs				BO		F	✓				food competetion	T
823	KKLK	19secs						TJ		C	✓				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?)

KPC Behavior

DAY 12th MONTH 08 YEAR 2999 KPC Fm OTHERS TWKRm FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
853	LO was	heard coughing.								
856	LK made	non vocal displays	and	buttress bangs						
	then some	one chased	LK who	fled screaming						
	then	was barked.								
857	KK made	vocal displays	and	buttress bangs.						
	chasing	LK who had joined	him	and he						
	ran into	the tree screaming.								
900	LK KK YB PB TS	BB BU QUO WL TG SI AL	BOAZ ATT TG WL SW LO	NP OMO TD TS AN	F4	✓	PTE	4L		
913	LK made	vocal displays	and	buttress bangs,	and					
	some IDs	fled	pant	barking.						
913	The rest	of the	chimps	leaving	the	feeding	tree.			
915	LK KK YB PB TS	BB BU QUO WL TG SI AL	BOAZ ATT TG WL SW LO	NP OMO TD TS AN	F4					
917	OT	playing	with	Om	by	biting	and	tickling.		
921	TG	approached	pant	grunting	and	presented	to			PTG
	YB	who	inspected	by	touching	and	smelling	on	Estrous	
922	LK	made	attack	one	to	TS	by	kicking	and	
	slapping	and	she	fled	screaming	together	with			
	TG	who	ran	into	the	tree	screaming	also.		

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
856	LK		11Secs					None							Unknown	9
857	KK	5Secs		2Secs				LK		F	✓				Unknown	9
922	LK				✓			TS		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 12th MONTH 08 YEAR 2009 KPC Fm OTHERS TWICRm FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
923	TJ approached OU screaming and they									
	made genital to genital rubbing.									
928	Chimps climbed into com at				M/6					
930	LKKK YB PB TJ	BLBU WLLR QT TJ OUOT	BOTT LOOG QN WC	NP OMOL TDTS	"	✓	Com	RF		
945	LKKK YB PB TJ	BLBU WLLR QT TJ OUOT	BOTT LOOG WC QN	NP OMOL TDTS	"	✓	"	"		
1000	LKKK YB PB TJ	BLBU WLLR QT TJ OUOT	BOTT LOOG WC QN	NP OMOL TDTS	"	✓	"	"		
1012	TJ leaving the feeding tree.									
1015	LKKK YB PB TJ	BLBU WLLR QT TJ OUOT	BOTT QN WC LOOG	NP OMOL TDTS	M/6	✓	Com	RF		
1018	WL QT PB BU LK leaving the tree and rested									
	on the ground.									
1021	LK made non vocal displays chasing TJ									
	who ran into the tree screaming and waar									
	barking then made an arm threat.									
	QT also fled screaming.									
1023	TJ building a day nest, 8 m high, DBH									
	23 cm (E) sp. BOS.									
1030	LKKK YB PB TJ	BLBU WLLR QT TJ OUOT	BOTT QN WC LOOG	NP OMOL TDTS	M/6	✓	Com	RF		
1030	KK leaving the feeding tree.									

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														
1021	LK		26secs	4secs				TJ		F	✓				unknown	S

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 12th MONTH 08 YEAR 2009 KPC Fm OTHERS TW ICRm FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1030	KK chased TJ out of the nest and									
	he fled waarbarking, then PB approached									
	KK pantbarking as LK also climbed a tree.									
1031	KK made non vocal displays and buttressbungs,									
	LK joined him and some IDs fled pantbarking									
1038	OT was heard coughing. (productive).									
1041	OT made attack one to TS by kicking									
	and she screamed.									
1045	LKKK YB PB TJ	BLBU WLLR QT TG QUOT	BOTT LOOG WC QV	NP OMOL TDTS	M/6	✓	Com	RF		
1057	TG (TD) YB NP leaving the tree last.									
1058	PB inspected TG by touching and smelling on									
	the Estrous then groomed her.									
1100	LKKK YB PB TJ	BLBU WLLR QT TG QUOT	BOTT LOOG WC QV	NP OMOL TDTS	M/6					
1104	KK approached BU for copulation but she									
	avoided, then he made non vocal displays and									
	attack one to BL by kicking and she fled screaming.									
	YB WL LR OU fled pantbarking.									
1105	TS eating CHT bark.									

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														
1030	KK			2secs				TJ		F	✓				Unknown	T
1041	OT				✓			TS		No	✓				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?)

KPC Behavior

DAY 12th MONTH 08 YEAR 2009 KPC Fm OTHERS TW Ic Rm FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1114	BU grooming BL.									
1115	Lukke YBPB TJ	BL BU WL OT OUTSD OTLR	BOLO EG TTAV WC	OMOK TD TS NP	M/6					
1117	BO BU grooming BL.									
1119	BL grooming BO.									
1127	TS building a day nest.									
1130	Lukke YBPB TJ	OT BL BU WLR BT TJ OU	BOTT LO EG AV WC	OMOK TD TS NP	M/6					
1132	YB grooming WR.									
1133	WR grooming YB									
1134	YB grooming WR									
1134	LR approached KK	pant grunting			but he ignored					PTG
1135	YB grooming BT.									
1137	BT grooming YB.									
1140	KK grooming YB.									
1145	Lukke YB PB TJ	WL BT BL BU LR TS OT	SS WC AV BOTT LO	OMOK TD TS NP	M/6					
1149	WR grooming KK.									
1158	WR approached	pant grunting to	KK	who ignored.						PTG
1200	Lukke YB PB TJ	WL BT BL BU LR TD OT	WC AV BO TJ SS LO	OMOK TD TS NP	N/2					
1210	Chimps scattered and J stayed with				Lukke.					

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 12th MONTH 08 YEAR 2009 KPC Fm OTHERS _____ FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1215	LKKK				N/2				RDC	
1230	LKKK				4				4	
1245	LKKK				4				4	
1248	KK grooming LK.									
1249	LK grooming KK.									
1253	KK grooming LK.									
1258	LK grooming KK.									
1300	LKKK	LR	LO		N/2				RDC	
1301	KK grooming LK.									
1302	LK grooming KK.									
1303	LR grooming LK.									
1303	KK Inspected LR by touching on the Estrous.									
1305	Hand clasp mutual groom									HCG LK ⇄ LR
1307	LR grooming LK.									
1312	KK playing with LO by touching.									AP
1315	LKKK	LR	LO		N/2				RDC	
1316	LR playing with LO by biting.									AP
1330	LKKK	LR	LO		N/2				RDC	

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 12th MONTH 08 YEAR 2009 KPC Fm OTHERS _____ FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1333	Hand clasp mutual groom									Hcg LK⇆KK
1335	LK grooming KK.									
1336	Hand clasp mutual groom									Hcg LK⇆KK
1337	Mutual groom but not hand clasp									LK⇆KK
1339	LK grooming KK.									
1344	KK grooming LK.									
1345	LKKK	LR	LO		N/2				RDC	
1358	Chimps moved into THV.									
1400	LKKK	LR	LO		N/B	✓	THV	THV		
1409	KK started feeding on phytollaca ripe fruits.									UNF
1415	LKKK	LR	LO		O/8	✓	PHY THV	RF THV		
1430	LKKK	LR	LO		"	✓	"	"		
1435	Heard distant calls from East of K30Red									
	and this party didn't respond.									
1437	KK climbed down and also fed on THV.									
1445	LKKK	LR	LO		A/34	✓	TRI	YL		
1455	LK approached LR who pant grunted and									PTG
	bite him softly.									

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 12th MONTH 08 YEAR 2009 KPC Fm OTHERS — FOUND N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1459	LR (LO) climbed into phytolacca.									
1500	LK KK	LR	LO		00/34	✓	PHM	RF		
1514	KK joined LR in PHM and both made food grunts									FG
1515	LK KK	LR	LO		00/34	✓	PHM	RF		
1530	LK KK	LR	LO		4	✓	4	4		
1540	KK LR leaving the PHM.									
1545	LK KK	LR	LO		34/NTJ	✓	PHM	RF		
1600	LK KK	LR	LO		4	✓	4	4		
1615	LK KK	LR	LO		4	✓	~~THN~~	THV		
1630	LK KK	LR	LO		34/NTJ					
1633	Chimps moved fast and got lost in THV.									
1655	Found chimps by calls at				2/23		K30	Red.		
1700	LK KK	LR	LO		4					
1701	LK made vocal displays and buttress bangs;									
	and KK LR responded with pant hoots.									
1704	KK made vocal displays and buttress bangs									
	but no one responded.									

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
1701	LK	27 secs						None							Unknown	G
1704	KK	15 secs						None							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?)

KPC Behavior

DAY 12th MONTH 08 YEAR 2009 KPC Fm OTHERS — FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1709	KK sniffing the ground and continued moving.									
1714	KK LK made joint vocal displays and buttress bangs but no one responded.									
1715	LKKK	LR	LO		F/24					
1718	LR drinking water from the stream with her mouth									DR
1727	LR pant grunted to LKKK from a distance but they ignored.									PTG
1728	KK LK made joint vocal displays but no one responded.									
1730	Chimps climbed into the com at M/6.									
1730	LKKK	LR	LO		M/6	✓	Com	RF		
1733	LKKK LR made food barks as they fed on com									FBK
1748	LKKK	LR	LO		M/6	✓	Com	RF		
1800	LKKK	LR	LO		〃	✓	〃	〃		
1805	LR made nest grunts and left the feeding feeding tree but didn't come down.									
1809	LR moved into an old nest, 11m high, DBH 20cm (E) sp. BOS. and started improving it.									

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 12th MONTH 08 YEAR 2009 KPC Fm OTHERS — FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1815	Lukie	LR	LO		M/6	✓	com	RF		
1816	Kk building a night nest, 13m high,									
	DBH 23cm (E) sp. Bosquea.									
1820	Kk leaving the feeding tree but didnt									
	come down.									
1823	Kk building a night nest, 9m high DBH									
	11cm (E) sp. Bosquea.									
1830	Lukie	LR	LO		M/6					
1845	Lukie	LR	LO		M					
1852	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

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?)