DAY 1st MONTH DEC YEAR 2009 OBS-PC KJ TMF/40 FMTWAG 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	GRID	MNK	SP	PT
Estrus																1			1																													
5:45																																															
6:00																																														
6:15																																														
6:30											X	X							X	X	X																					X		J26		—	—
6:45											X	X							X	X	X																					X				—	—
7:00											X	X							X	X	X																					X				FBR	RF
7:15											X	X							X	X	X																					X					
7:30											X	X							X	X	X																					X					
7:45											X	X							X	X	X																					X					
8:00											X	X							X	X	X																					X					
8:15											X	X							X	X	X																					X					
8:30											X	X				X			X	X	X																					X					
8:45											X	X				X			X	X	X																					X					
9:00											X	X				X			X	X	X																					X				FBR	RF
9:15											X	X				X			X	X	X																					X				FGX	RF
9:30										X	X	X				X			X	X	X																					X					
9:45										X	X	X				X			X	X	X																					X					
10:00										X	X	X				X			X	X	X																					X				FGX	RF
10:15										X	X	X				X			X	X	X																					X				—	—
10:30										X	X	X				X			X	X	X																					X				—	—
10:45										X	X	X				X			X	X	X																					X				—	—
11:00										X	X	X				X			X	X	X																					X				—	—
11:15										X	X	X				X			X	X	X																					X				—	—
11:30										X	X	X				X			X	X	X																					X				—	—
11:45										X	X	X				X			X	X	X																					X				FGX	RF
12:00										X	X	X				X			X	X	X																					X					
12:15										X	X	X				X			X	X	X																					X					
12:30										X	X	X				X			X	X	X																					X					
12:45										X	X	X				X			X	X	X																					X				FGX	RF
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	OL				
13:00										X	X	X				X			X	X	X																					X				URH	RF
13:15										X	X	X				X			X	X	X																					X				COA	RF
13:30										X	X	X				X			X	X	X																					X			RDT	COA	RF
13:45										X	X	X				X			X	X	X																					X			"	COA	RF
14:00										X	X	X				X			X	X	X																					X			"	—	—
14:15										X	X	X				X			X	X	X																					X			"	—	—
14:30										X	X	X				X			X	X	X																					X				—	—
14:45										X	X	X				X			X	X	X																					X				URH	RF
15:00										X	X	X				X			X	X	X																					X				URH	RF
15:15										X	X	X				X			X	X	X																					X				URH	RF
15:30										X	X	X				X			X	X	X																					X			MGB	FBR	RF
15:45										X	X	X				X			X	X	X																					X			MGB	FBR	RF
16:00										X	X																															X				THV	THV
16:15										X	X																															X					
16:30										X	X																															X					
16:45										X	X																															X		J26			
17:00										X	X																															X		I26		THV	THV
17:15											X																																			—	—
17:30											X																																			—	—
17:45											X																																			—	—
18:00											X																																			—	—
18:15											X																																		I26		—	—
18:30																																															
18:45																																															
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	GRID	MNK	SP	PT
Health																																															

COMMENTS

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

GPS A

OU, OT2

KPC Behavior

Day 01 Month DEC Year 2009 KPC KJ Others FM AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
623	Obs arriving at the nesting site and found some Id's out of their nests feeding on UVA RF.									
630	PB TJ	OU OT	OG	OM OL	HAE CRD				Ø	
634	TJ coming out of the night nest.									
635	PB coming out of the night nest.									
637	TJ made non vocal displays and buttress bangs AHers made pant barks.									
639	OU coming down from the night nest.									
645	PB TJ	OU OT	OG	OM OL	3E 6S				Ø	
647	Chimps climbed into FBR and started feeding as they made food grunts.									
657	OU chased OG and fled screaming then OU supplanted 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	Context	Height T or G
637	TJ		6sec					NONE							WAKE	G

Copulation

Time	Duratio	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?)

MU ①

KPC Behavior

Day 01 Month DEC Year 2009 KPC KJ Others FM AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
700	PB TJ	OL OT	OG	OM OL	3E/6S	✓	FBR	RF	Ø	
715	PB TJ	OL OT	OG	OM OL	"	✓	FBR	RF	Ø	
730	PB TJ	OL OT	OG	OM OL	"	✓	FBR	RF	Ø	
740	It started drizzling									
745	PB TJ	OL OT	OG	OM OL	3E/6S	✓	FBR	RF	Ø	
800	PB TJ	OL OT	OG	OM OL	"	✓	FBR	RF	Ø	
815	PB TJ	OL OT	OG	OM OL	"	✓	FBR	RF	Ø	
823	MU MX & MN joined the party, MU & MX made paut barks.									
830	PB TJ	OL OT MU	OG MU MX	OM OL	3E/6S	✓	FBR	RF	Ø	
845	PB TJ	OL OT MU	OG MX MN	OM OL	"	✓	FBR	RF	Ø	
900	PB TJ	OL OT MU	OG MN MX	OM OL	"	✓	FBR	RF	Ø	
904	PB TJ OL family moved away from FBR.									
909	PB TJ OL family crossed over to FEX.									

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	Context	Height T or G

Copulation

Time	Duratio	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 01 Month DEC Year 2009 KPC KJ Others FM AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
915	PB TJ	OU OT MU	OG MN MX	OM OL	4E 6S	✓	FEX	YL RF	Ø	
926	ES and EU joined the party, ES made non-vocal and buttress bangs		Others were barked & pant hooted.							
930	PB TJ ES	OU OT MU	OG MN MX	OM OL EU	4E 6S	✓	FEX	RF YL	Ø	
936	OU making a day nest in CPU at 17									
	Metres high.									
945	PB TJ ES	OU OT MU	OG MX MN	OM OL EU	4E 6S	✓	FEX	RF YL	Ø	
1000	PB TJ ES	OU OT MU	OG MX MN	OM OL EU	"	✓	FEX	RF YL	Ø	
1015	PB ES TJ	OU OT MU	OG MN MX	OM OL EU	"				Ø	
1030	PB ES TJ	OU OT MU	OG MN MX	OM OL EU	"				Ø	
1045	PB ES TJ	OU OT MU	OG MN MX	OM OL EU	"				Ø	
1100	PB ES TJ	OU OT MU	OG MN MX	OM OL EU	"				Ø	
1115	PB ES TJ	OU OT MU	OG MN MX	OM OL EU	"				Ø	
1130	PB ES TJ	OU OT MU	OG MN MX	OM OL EU	"				Ø	
1145	PB ES TJ	OU OT MU	OG MN MX	OM OL EU	"	✓	FEX	RF YL	Ø	

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	Context	Height T or G
926	ES		9sec					None							Re-union	G

Copulation

Time	Duratio	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 01 Month DEC Year 2009 KPC KJ Others PM AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1200	PB ES TJ	OU OT MU	OG MN MX	OM OL EU	4E 6S	✓	FEX	RF YL	Ø	
1215	PB ES TJ	OU OT MU	OG MN MX	OM OL EU	"	✓	FEX	RF YL	Ø	
1230	PB ES TJ	OU OT MU	OG MN MX	OM OL EU	"	✓	FEX	RF YL	Ø	
1245	PB ES TJ	OU OT MU	OG MN MX	OM OL EU	"	✓	FEX	RF YL	Ø	
1250	MU (MN) & MX left FEX as it stoped raining									
1256	PB coming out of FEX.									
257	MU & MX feeding on URH RF.									
1300	ES PB TJ	OU OT MU	OG MN MX	OM OL EU	4E 6S	✓	URH	RF	Ø	
1301	PB feeding on cordia tipe fruits.									
1302	PB making a day nest with in the feeding									
	tree at 24 meters high.									
1315	PB ES TJ	OU OT MU	OG MN MX	OM OL EU	4E 6S	L	COA	RF	Ø	
1330	PB ES TJ	OU OT MU	OG MN MX	OM OL EU	"	L	COA	RF	RDT	
1333	MU grooming MX									

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	Context	Height T or G

Copulation

Time	Duratio	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 01 Month DEC Year 2009 KPC KJ Others FM AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1545	PB ES TJ	OU OT MU	OG MX MN	OM OL EU	3E 6S	✓	FBR	RT	MGB	
1548	ES PB & EU leaving FBR last.									
1557	chimps started feeding on THV. OU &									
	MU families with TJ stayed behind									
	and are out of the party.									
1600	ES PB			EU	9S 3E	✓	THV	THV	∅	
15	ES PB			EU	11	✓	THV	THV	∅	
1630	ES PB			EU	11	✓	THV	THV	∅	
1645	ES PB			EU	11	✓	THV	THV	∅	
1656	PB entered into an old nest in UVA									
	of about 14 cm dbh at 7 metres high									
	and improved it by adding on more leaves.									
1658	ES made vocal displays PB made woofs.									
1700	ES PB.			EU	8S 6AE				∅	

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

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

Copulation

Time	Duratio	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 01 Month DEC Year 2009 KPC KJ Others FM AG Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
1701	Cs made vocal	displays and	buttress							
	bungs	PB & Eu	made	waas.						
1708	Cs and	Eu went	missing	and are out.						
1715	PB				85/BAE				Ø	
1730	PB				"				Ø	
1745	PB				"				Ø	
1800	PB				"				Ø	
1815	PB				"					
1818	Obs	left the	nesting	site.						

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	Context	Height T or G

Copulation

Time	Duratio	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?)