DAY 08th MONTH Oct YEAR 09 OBS-PC SM TMF/40 FM TW 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	2																													
5:45																																																
6:00																																																
6:15																																																
6:30																																																
6:45																			X	X	X																							X		M26	None	—	—
7:00																			X	X	X																							X				FBR	YL
7:15																			X	X	X																							X				"	"
7:30																			X	X	X																							X				—	—
7:45																			X	X	X																							X		M26	None	THV	THV
8:00																			X	X	X																							X		M27	*	FBR	RF
8:15																			X	X	X																							X			*		
8:30																			X	X	X																							X			*		
8:45																			X	X	X																							X			*	FBR	RF
9:00																			X	X	X																							X			*	—	—
9:15																			X	X	X																							X			*	—	—
9:30																			X	X	X																							X			*	—	—
9:45																			X	X	X																							X			*	—	—
10:00																			X	X	X																							X			*	—	—
10:15																			X	X	X																							X			*	FBR	RF
10:30																			X	X	X																							X			*		
10:45																			X	X	X																							X			*		
11:00																			X	X	X																							X			*	FBR	RF
11:15																			X	X	X																							X			None	CHT	YL
11:30																			X	X	X																							X				"	"
11:45																			X	X	X																							X		M27		CAF	YL
12:00																			X	X	X																							X		M26		"	"
12:15																			X	X	X																							X		"		—	—
12:30																			X	X	X																							X		N26	*	—	—
12:45																			X	X	X																							X		"	None	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				
13:00																			X	X	X																							X		N26	None	THV	THV
13:15																			X	X	X																							X				—	—
13:30																			X	X	X																							X				—	—
13:45																			X	X	X																							X				FBR	YL
14:00																			X	X	X																							X				—	—
14:15																			X	X	X																							X				—	—
14:30																			X	X	X																							X				—	—
14:45																			X	X	X																							X				—	—
15:00																			X	X	X																							X				CAF	YL
15:15																			X	X	X																							X				"	"
15:30																			X	X	X																							X		N26		—	—
15:45																			X	X	X																							X		N25	*	—	—
16:00																			X	X	X																							X			None	FBR	UF
16:15																			X	X	X																							X			RDC	APH	RF
16:30																			X	X	X																							X					
16:45																			X	X	X																							X					
17:00																			X	X	X																							X		N25	RDC	APH	RF
17:15																			X	X	X																							X		N24	RDT	FBR	RF
17:30																			X	X	X																							X				"	"
17:45																			X	X	X																							X				—	—
18:00																			X	X	X																							X		N24	RDT	—	—
18:15																																																
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																			2	1	1																							1					

COMMENTS OU has dry cough, RDC MGB from 800—1100.

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 BEHAVIOUR

DAY: 08th MONTH: Oct YEAR: 09 KPC: SM OTHERS: FM TW FOUND: N

OM(1) OT(2)

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
640	OBS arrived at the nest site.									
645		OL OT	OG	OM OL	C/26				Ø	
653	OG leaving a night nest									
654	OM leaving a night nest									
655	OL (OL) leaving a night nest									
656	OT leaving a night nest									
659	OL swallowing on FEX young leaves and									
	OG OT feeding on CAF young leaves									
700		OL OT	OG	OM OL	C/26	✓	FEX CAF	YL YL	Ø	
701	OL was heard coughing (dry cough)									
715		OL OT	OG	OM OL	C/26	✓	FEX CAF	YL YL	Ø	
730		OL OT	OG	OM OL	B2/27				Ø	
731	OL feeding on FUR unripe fruits and									
	Others feeding on THV									
745		OL OT	OG	OM OL	B2/27	✓	THV	THV	Ø	
747	Chimps leaving THV and start moving									
755	Chimps climbed into FBR tree silent and									
	Started feeding on ripe fruits									

Aggression/Received aggression

Time	Aggr.	VD	NvD	CHA	Attack			Vic	Response of victim						Behavioural context	T/G
	ID	Duration			1	2	3	ID	No	Av	Tn	Sb	Rt	RA		

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN 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: inter-group 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 BEHAVIOUR

DAY: 08th MONTH: Oct YEAR: 09 KPC: SM OTHERS: FMTW FOUND: N

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
800		OU OT	OG	OM OL	C ext/29	✓	FBR	RF	MgB RDC	
808	Heard distant calls from east of K 14									
	this party didn't respond.									
815		OU OT	OG	OM OL	C ext/29	✓	FBR	RF	MgB RDC	
830		OU OT	OG	OM OL	"	✓	"	"	"	
838	OG entered into old nest and Improving it									
	tree - Dosp		HT = 18 M							
845		OU OT	OG	OM OL	C ext/29	✓	FBR	RF	MgB RDC	
900		OU OT	OG	OM OL	"				"	
915		OU OT	OG	OM OL	"				"	
917	OG leaving aday nest									
930		OU OT	OG	OM OL	C ext/29				MgB RDC	
945		OU OT	OG	OM OL	"				"	
1000		OU OT	OG	OM OL	"				"	
1015		OU OT	OG	OM OL	"	✓	FBR	RF	"	
1030		OU OT	OG	OM OL	"	✓	"	"	"	
1034	OU grooming OT									
1039	OT grooming OU									

Aggression/Received aggression

Time	Aggr. ID	VD	NvD	CHA	Attack 1	2	3	Vic ID	Response of victim No	Av	Tn	Sb	Rt	RA	Behavioural context	T/G
		Duration														

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN 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**: inter-group 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 BEHAVIOUR

DAY: 08th MONTH: Oct YEAR: 09 KPC: SM OTHERS: FmTW FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1041	Hand clasp		Mutual groom	OU	<=>	OT				HCG
1043	OU groomed		OT after hand		clasp					
1045		OU OT	OG	OM OL	C 29	✓	FBR	RF	MGB RDC	
1100		OU OT	OG	OM OL	"	✓	"	"	"	
1108	Chimps leaving the feeding tree and moving									
	On ground									
1115	OU and her family feeding on CHT young									
	leaves									
1115		OU OT	OG	OM OL	C 29	✓	CHT	YL	Ø	
1130		OU OT	OG	OM OL	"	✓	"	"	Ø	
1145		OU OT	OG	OM OL	"	✓	CAF	YL	Ø	
1153	It started raining									RN
1200		OU OT		OM OL	B 28	✓	CAF	YL	Ø	
1208	OU feeding on AMDR young leaves									
1215		OU OT	OG	OM OL	F GHT				Ø	
1230		OU OT	OG	OM OL	I 23				Ø	
1245		OU OT	OG	OM OL	K GHT	✓	THV	THV	Ø	
1300		OU OT	OG	OM L	"	✓	"	"	Ø	

Aggression/Received aggression

Time	Aggr.	VD	NvD	CHA	Attack			Vic	Response of victim						Behavioural context	T/G
	ID	Duration			1	2	3	ID	No	Av	Tn	Sb	Rt	RA		

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN 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: inter-group 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 BEHAVIOUR

DAY: 08th MONTH: Oct YEAR: 09 KPC: SM OTHERS: FM TW FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1309	Chimps leaving THV and				Moving					
1314	Chimps climbed in to FCP				tree	Silent			end	
	Started feeding on Unripe fruits									
1315		OM OT	OG	OLOM	5/BFO				Ø	
1321	Chimps leaving the			feeding	tree	and	Moving			
	On ground									
1330		OM OT	OG	OMOL	21/BFO				Ø	
1331	Chimps climbed into FVA				tree	and	Started			
	feeding on ripe fruits									
1340	Chimps leaving the			feeding	tree	and	Moving			
1344	OM OM OG	feeding		on FEX	young	leaves				
1345		OM OT	OG	OMOL	21/BFO	V	FEX	YL	Ø	
1345	OM (OL)	building	a	day	nest	Tree	= CAF	Hi =	14M	
1400		OM OT	OG	OMOL	21/BFO				Ø	
1415		OM OT	OG	OMOL	n				Ø	
1430		OM OT	OG	OMOL	n				Ø	
1445		OM OT	OG	OMOL	n				Ø	
1500		OM OT	OG	OMOL	n	V	CAF	YL	Ø	

Aggression/Received aggression

Time	Aggr.	VD	NvD	CHA	Attack			Vic	Response of victim						Behavioural context	T/G
	ID	Duration			1	2	3	ID	No	Av	Tn	Sb	Rt	RA		

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN 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**: inter-group 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 08th Month Oct Year 09 KPC SM Others FM TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1502	OU (OL) leaving		a day	nest						
1515		OU OT	OG	OM OL	21/BEP	✓	CAF	YL	Ø	
1523	Chimps started moving									
1530		OU OT	OG	OM OL	H/16				Ø	
1531	Chimps climbed into FBR tree and OU									FBK
	made food barks then feeding									
1537	Chimps climbed down on ground then									
	moving									
1545		OU OT	OG	OM OL	H/14				Ø	
1549	Chimps climbed into FEX tree silent									
	then feeding on unripe fruits									
1600		OU OT	OG	OM OL	E/11	✓	FEX 11	UF YL	Ø	
1608	Chimps climbed down on ground then									
	moving									
1614	Chimps climbed into APH tree silent then feeding									

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?)

1541 it stoped raining.

KPC Behavior

Day 08th Month Oct Year 09 KPC SM Others Fm Tw Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1615		OM OT	09	OM OL	G/7	✓	APH	RF	RDc	
1630		OM OT	09	OM OL	11	✓	11	11	11	
1644	3 Adult	Males Of RDc's	made	alarm	calls					MAT
	harassing, chasing chimps out Of afeeding									
	free only. 09 fled Screaming. Others fled									
	Silent									
1645		OM OT	09	OM OL	G/7	✓	APH	RF	RDc	
1653	OT climbed back to APH free and feeding									
1700		OM OT	09	OM OL	G/7	✓	APH	RF	RDc	
1702	OT feeding on CHT young leaves									
1705	Chimps climbed down on ground Then									
	Moving									
1711	Chimps climbed into FEX				free		Silent			
	their feeding on ripe fruits									
1715		OM OT	09	OM OL	E/3	✓	FEX	RF	RDT	

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 08th Month Oct Year 09 KPC SM Others EM TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1728	OU (OL)	building	amight nest		tree = Strobo					
	Sia	HT = 13m	Dbh = 25cm							
1730		OU OT	OG	OMOL	E/3	✓	FEX	RF	RDT	
1732	Chimps	leaving	the feeding	tree	and movi					
	ng									
1745		OU OT	OG	OMOL	E/3				RDT	
1748	OT	building	amight	nest	tree = Funtumia					
	HT = 25M	Dbh = 22cm								
1755	OG	build	amight	nest	tree = Strobosia					
	HT = 12m	Dbh = 20 cm								
1800		OU OT	OG	OMOL	E/3				RDT	
1805	OBS	leaving	the nest 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?)