DAY 24th MONTH Sept YEAR 09 OBS-PC SM TMF/40 KJ 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	TZ	JL	GRID	MNK	SP	PT
5:45																																																
6:00																																																	
6:15																																			X									P/25	None	FEX	UF
6:30																																			X										"	"
6:45																																			X										—	—
7:00																																			X										FNA	RF
7:15																																			X										"	"
7:30																																			X										"	"
7:45																																			X										—	—
8:00																																			X										—	—
8:15																																			X										—	—
8:30																																			X										—	—
8:45																																			X										—	—
9:00																																			X										—	—
9:15																																			X										TRI	YL
9:30																																			X										FEX	UF
9:45																																			X										"	"
10:00																																			X										—	—
10:15																																			X										None	APH	RF
10:30																																			X										BAB	—	—
10:45																																			X										"	—	—
11:00																																			X										None	APH	RF
11:15																																			X											"	"
11:30																																			X											—	—
11:45																																			X											—	—
12:00																																			X											—	—
12:15																																			X											—	—
12:30																																			X											—	—
12:45																																			X										P/25	None	CAF	YL
	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	TZ	JL	GRID	MNK	SP	PT
13:00																																			X										P/25	None	—	—
13:15																																															
13:30																																															
13:45																																															
14:00																																															
14:15																																															
14:30																																															
14:45																			X	X	X		X	X							X						X							X	N/25	None	DMA	RF
15:00								X											X	X	X		X	X							X						X							X			h	h
15:15								X											X	X	X		X	X							X					X	X							X			APH	RF
15:30								X											X	X	X		X	X							X					X	X							X			"	"
15:45								X											X	X	X		X	X							X					X	X							X	N/25		—	—
16:00																			X	X	X		X	X							X					X	X							X	O/25		—	—
16:15																			X	X	X		X	X							X					X	X							X			FEX	RF
16:30																			X	X	X		X	X							X					X	X							X			"	"
16:45																			X	X	X		X	X							X					X	X							X	None		h	h
17:00																			X	X	X		X	X							X					X	X							X	MGB		—	—
17:15																			X	X	X		X	X							X					X	X							X			—	—
17:30																			X	X	X		X	X							X					X	X							X			—	—
17:45																			X	X	X		X	X							X					X	X							X	MGB		—	—
18:00																			X	X	X		X	X							X					X	X							X	O/25		—	—
18:15																			X	X	X		X	X							X					X	X							X	N/25	None	—	—
18:30																			X	X	X		X	X							X					X	X							X			—	—
18:45																			X	X	X		X	X							X					X	X							X			FEE	RF
19:00																			X	X	X		X	X							X					X	X							X	N/25	None	—	—
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	TZ	JL	GRID	MNK	SP	PT
Health								1											1	2	1	1	1	1							1	1			1	1	1	1					1					

COMMENTS OT has dry cough and MGB, Blu RBT at 1800.

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

WL (1)

KPC BEHAVIOUR

DAY: 24th MONTH: Sept YEAR: 09 KPC: SM OTHERS: KJ FM TW FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
605	OBS arrived at the nest Site									
609	WL (we) leaving anight nest									
611	WL (we) entered into FEX tree and start									
	feeding on unripe fruits									
615		WL	WC		HH 32	✓	FEX	UF	Ø	
630		WL	WC		"	✓	"	"	Ø	
632	WL (WC)	leaving the feeding tree and Moving								
645		WL	WC		J 11				Ø	
650	WL (we)	climbed into FNA tree and Started								
	feeding Silent									
700		WL	WC		J 11	✓	FNA	RF	Ø	
715		WL	WC		"	✓	"	"	Ø	
730		WL	WC		"	✓	"	"	Ø	
737	WL (WC)	leaving the feeding tree and Moving								
	On ground									
744	WL (we)	building a day nest.			tree = CD					
	HT = 22M									
745		WL	WC		A 16				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: 24th MONTH: Sept YEAR: 09 KPC: SM OTHERS: KJ FM TW FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
800		WL	WC		A/16				Ø	
815		WL	WC		11				Ø	
830		WL	WC		11				Ø	
845		WL	WC		11				Ø	
900		WL	WC		11				Ø	
905	WL (WC) leaving a day nest and moving thru' in different trees									
910	WL (WC) climbed down on ground and Moving									
915	WL feeding on TRI young leaves									
918		WL	WC		HH/32	✓	TRI	YL	Ø	
917	WL (WC) feeding on FEX unripe fruits									
930		WL	WC		HH/32	✓	FEX	UF	Ø	
945		WL	WC		11	✓	11	11	Ø	
958	WL (WC) leaving FEX tree and Moving thru different trees									
1000		WL	WC		HH/32				Ø	
1004	WL (WC) entered into APH tree and feeding on ripe fruits									

Aggression/Received aggression

Time	Aggr. ID	VD	NvD	CHA	Attack Duration			Vic ID	Response of victim						Behavioural context	T/G
					1	2	3		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: 24th MONTH: Sept YEAR: 09 KPC: SM OTHERS: KJ TW FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1015		WL	WC		GG 32	✓	APH	RF	Ø	
1026	WL (WC)	climbed down on ground and								
	Moving									
1030		WL	WC		GG 32				BAB	
1045		WL	WC		GG 31				11	
1046	WL (WC)	climbed into APH tree					Silent			
1048	WL feeding on Aph ripe fruits									
1100		WL	WC		GG 31	✓	APH	RF	Ø	
1115		WL	WC		11	✓	11	11	Ø	
1129	WL building a day nest tree = Bas									
	HT = 8M									
1130		WL	WC		GG 31				Ø	
1145		WL	WC		11				Ø	
1200		WL	WC		11				Ø	
1215		WL	WC		11				Ø	
1228	WL (WC)	leaving a day nest and Moving								
	up in	different trees								
1230		WL	WC		GG 31				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?)

OU① TG① QU① LR① OT②

KPC BEHAVIOUR

DAY: 24th MONTH: Sept YEAR: 09 KPC: SM OTHERS: KT TW FOUND: N

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1237	WL feeding on CAF young leaves									
1245		WL	WC		GG/31	✓	CAF	YL	Ø	
1247	WL (WC) climbed down on ground and Moving									
1300		WL	WC		PP/24				Ø	
1307	WL (WC) got lost while Moving thru a dense vegetation at PP/24 K30 red.									
1442	OBS Found Chimps at F/10 moving by following calls									
1445		TG LR OT OU QU	QN LO OG TT	TS OM TD OL	F/10	✓	DMA	RF	Ø	
1446	Heard distant calls from east of K14 this party responded with pant hoots									
1451	KK joined the party while making NVD LR fled pant barking others also Made pant barks and pant hoots									
1457	TS playing with OM by Swigging, patting, and Make soft bites on each other									
1500	KK	OU TG OT QU LR	LO OG QN TT	OL OM TS TD	F/10	✓	DMA	RF	Ø	

Aggression/Received aggression

Time	Aggr. ID	VD	NvD	CHA	Attack 1	Attack 2	Attack 3	Vic ID	No	Av	Tn	Sb	Rt	RA	Behavioural context	T/G
1451	KK		10sec					LR		F		✓			M Union	9

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?)

1444 OU TG OG OT feeding on DMA ripe fruits

KPC BEHAVIOUR

DAY: 24th MONTH: Sept YEAR: 09 KPC: SM OTHERS: KJ FOUND: C

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1511	LR playing with LO where by LR tickling									AP
	and make soft bites on LO									
1513	WL (we) joined the party she made pant									
	barks and presenting to KK who Inspected									
	her by touch on estrous and smelling on									
	fingers LR Qt made pant barks									
1514	KK OG and WL LR Qt with their familliies									
	climbed into APH tree while making									
	food grunts then started feeding									
1515	KK	OU WL LR OT Qt LR TG	LO QV WE OG TT	TS OM TD OL	E/9	✓	APH DMA	RF RF	Ø	
1530	KK	OU WL LR OT Qt LR TG	LO QV WE OG TT	TS OM TD OL	"	✓	"	"	Ø	
1533	OG leaving the feeding tree and climbed									
	down on ground									
1539	Qt approach pant barking to KK and she									
	groomed him									
1541	Qt WL LR with their familliies leaving									
	the feeding tree									
1543	KK climbed down on ground then moving									

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: 24th MONTH: Sept YEAR: 09 KPC: SM OTHERS: KJ TW FOUND: C

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1544	WL Made VD and buttress bungs Others									
	Made pant barks									
1545	KK	TG OU OT WL QT LR	TT QN WC OG LO	TS OM TD OL	E/9				Ø	
1546	QT approach pant barking to KK he									
	Ignored.									
1550	LR grooming TG									
1554	TT Made attack ① to TS with Slaps and									
	bitting her she screamed and retaliate bitting TT and chased him TT fled silent									
1554	LR QT WL TG OU Made joint VD									
1556	KK left the party and moved away									
1557	WL Made VD and buttress bungs TG OU LR									
	QT joined her making VD TG slapped the									
	ground									
1558	WL TG OU LR made joint VD									
1559	WL made VD and buttress bungs TG									
	also made VD and ground Slapping									
1600		OU QT LR WL TG OT	LO OG QN TT WC	TS OL TD OM	G/3				Ø	
1601	Chimps climbed into FEX tree Making food barks and feeding on ripe fruits									FBK

Aggression/Received aggression

Time	Aggr. ID	VD Duration	NvD	CHA	Attack 1	2	3	Vic ID	Response of victim No	Av	Tn	Sb	Rt	RA	Behavioural context	T/G
1544	WL	6sec						None							Unknown	9
1554	TT				✓			TS	✓			✓	✓		Unknown	29
1554	LR QT WL TG OU	15sec						None							Unknown	29
1557	WL	10sec						None							" "	29
1557	TG OU LR QT	8sec						None							" "	29

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: 24th MONTH: Sept YEAR: 09 KPC: SM OTHERS: KJ FM TW FOUND: C

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1615		TG OT WL OU QT LR	OG WC TT QV LO	TS OL TD OM	G/3	✓	FEX	RF	Ø	
1630		TG OT WL OU QT LR	OG WC TT QV LO	TS OL TD OM	"	✓	"	"	Ø	
1645		TG OT WL OU QT LR	OG WC TT QV LO	TS OL TD OM	"	✓	"	"	Ø	
1647	chimps leaving the feeding tree, climbed									
	down ground and rest									
1657	QV playing with LO patting and make soft bites									
	on each other									
1700		TG OT WL OU QT LR	OG WC TT QV LO	TS OL TD OM	G/3				MGB	
1715		TG OT WL OU QT LR	OG WC TT QV LO	TS OL TD OM	"				"	
1715	OT grooming OM									
1716	OT was heard coughing (dry cough)									
1717	OG playing with OL by touch and patting									
	each other									
1728	QT grooming QV									
1730		TG OT WL OU QT LR	OG WC TT QV LO	TS OL TD OM	G/3				MGB	
1745		TG OT WL OU QT LR	TT LO QV OG WC	TS OL TD OM	"				"	
1800		TG OT WL OU QT LR	TT LO QV OG WC	TS OL TD OM	"				MGB RDT BW	
1803	OG feeding brown soil from the hole									

Aggression/Received aggression

Time	Aggr. ID	VD	NvD	CHA	Attack 1	Attack 2	Attack 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: 24th MONTH: Sept YEAR: 09 KPC: SM OTHERS: KJ Fm TW FOUND: C

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1815		TG LR OU WL GT OT	LO WC GV OG TT	TS OM TD OL	F/6				Ø	
1822	TT and TS feeding on APH ripe fruits									
1830		TG LR OU WL GT OT	OG GV TT WC LO	TS OL TD OM	Q/8				Ø	
1833	WL made VD but no one responded									
1835	WL made VD but no one responded at									
	Sametime chimps climbed into FBR tree									
	and started feeding silent									
1845		TG OT WL OU GT LR	LO OG TT GV WC	TD OM TS OL	K/Krd	✓	FBR	RF	Ø	
1858	chimps leaving the feeding tree at									
	Same Time Moving									
1900		TG OT WL OU GT LR	LO GV WC OG TT	TS LO TD OM	12/Krd				Ø	
1905	TG (TD) building aright nest tree = BOS									
	HT = 13 M Dbh = 18cm at Sametime									
	Other ID's nested in darkness									
1907	OBS leaving the nest site									

Aggression/Received aggression

Time	Aggr. ID	VD Duration	NvD Duration	CHA Duration	Attack 1	Attack 2	Attack 3	Vic ID	Response of victim No	Av	Tn	Sb	Rt	RA	Behavioural context	T/G
1833	WL	4sec						None							Unknown	g
1835	WL	3sec						None							Social excitement	g

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?)