DAY 02nd MONTH OCT YEAR 09 OBS-PC SM TMF/40 — HOW FOUND FT

	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													2						1											1				1		2											
5:45																																															
6:00																																															
6:15																																															
6:30																																															
6:45																																															
7:00																			X	X	X									X	X			X	X	X							X				
7:15																			X	X	X									X	X			X	X	X							X				
7:30																			X	X	X									X	X			X	X	X							X				
7:45																			X	X	X									X	X			X	X	X							X				
8:00																			X	X	X									X	X			X	X	X							X				
8:15																			X	X	X									X	X			X	X	X							X				
8:30																			X	X	X									X	X			X	X	X							X				
8:45																			X	X	X									X	X			X	X	X							X				
9:00																			X	X	X									X	X			X	X	X							X				
9:15																			X	X	X									X	X			X	X	X							X				
9:30																			X	X	X									X	X			X	X	X							X				
9:45	X	X	X	X	X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
10:00	X	X	X	X	X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
10:15	X	X	X	X	X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
10:30	X	X	X	X	X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
10:45	X	X	X	X	X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
11:00	X	X	X	X	X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
11:15	X	X	X	X	X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
11:30	X	X	X	X	X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
11:45	X	X	X	X	X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
12:00	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
12:15	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
12:30	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
12:45	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
	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
13:00	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
13:15	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
13:30	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
13:45	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
14:00	X	X			X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
14:15	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
14:30	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
14:45	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
15:00	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
15:15	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
15:30	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
15:45	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
16:00	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
16:15	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
16:30	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
16:45	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X			X	X	X							X				
17:00	X	X	X		X	X	X	X		X			X	X	X				X	X	X									X	X									X			X				
17:15																																																
17:30																																																
17:45																																			X	X	X											
18:00																																			X	X	X											
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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	OL	GRID	MNK	SP	PT
Health	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1				

0124	RDC	APH	RF	
	"			
	None			
		APH	RF	
0124		—	—	
P124		CHT	YL	
P125		"	"	
		—	—	
		—	—	
		CHT	YL	
		"	"	
		—	—	
		—	—	
		—	—	
		FUR	UF	
		THV	THV	
P125				
P126				
		THV	THV	
		—	—	
		—	—	
P126	None	—	—	
0126	None	FRP	RF	
		"	"	
		"	"	
		—	—	
		—	—	
		—	—	
		—	—	
0126		APH	RF	
0127		CAF	YL	
		"	"	
		—	—	
		—	—	
		—	—	
		THV	THV	
0127		"	"	
0128	None	—	—	
N126	None	—	—	
"	"	—	—	

COMMENTS I Abandoned the big group b'se of elephants at Kitokoma/NFP. and Come Back to Search other IDs

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

Comments QT has dry cough and LO has wet Cough.

LR① OU① GI① WL① **KPC BEHAVIOUR** OT①

DAY: 02ed MONTH: OCT YEAR: 09 KPC: SM OTHERS: – FOUND: FT

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
656	ORS arrived late at the nest site b'se									
	of elephants. Found chimps had already									
	unnested but still around at				ZZ/29		in		APH	
	tree feeding.									
700		OU WL GI LR OT	OG WC GN LO	OM OL	ZZ/29	✓	APH	RF	RBT	
715		OU WL GI LR OT	OG WC GN LO	OM OL	"	✓	"	"	"	
730		OU WL GI LR OT	OG WC GN LO	OM OL	"	✓	"	"	Ø	
745		OU WL GI LR OT	OG WC GN LO	OM OL	"	✓	"	"	Ø	
800		OU WL GI LR OT	OG WC GN LO	OM OL	"	✓	"	"	Ø	
815		OU WL GI LR OT	OG WC GN LO	OM OL	"	✓	"	"	Ø	
820	Chimps leaving the feeding tree and moving									
	on ground									
822	WL GI	OU feeding on CHT young leaves								
830		OU LR GI OT WL	OG LOWC GN	OM OL	FF/28				Ø	
845		OU LR GI OT WL	OG LOWC GN	OM OL	YY/44	✓	CHT	YL	Ø	
850	LR grooming LO									
858	OU and her family feeding on CHT young									
	leaves									

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; **O:** other unusual events; **PAT:** patrol (non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC BEHAVIOUR

DAY: 02ed MONTH: OCT YEAR: 09 KPC: SM OTHERS: — FOUND: FT

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
900		OL LR QT WL OT	OG WC KOGV	OM OL	HH 5	✓	CHT	YL	Ø	
908	OL Inspecting LR by touching on her									
	Estrous									
908	LR QT WL OL made pant hoots at same									
	time Other Individuals from a distant									
	responded with pant hoots									
913	WL and QT both made Screams then WL									
	made arm threat to QT WL o screamed but									
	not avoid them LR made VD at Sametime									
	WL made attack ① to QT with a slap QT									
	retaliate they exchanged kicks and slaps									
	with WL while all screaming									
915		OL LR WL QT OT	OG WC KOGV	OM OL	3 32				Ø	
918	LO was heard coughing (wet rough)									
925	QT grooming QV									
929	LR grooming LO									
930		OL LR WL QT OT	OG WC KOGV	OM OL	3 32				Ø	
930	LR grooming LO before and after		alert for 40sec		she	was	grooming			TLU

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		
913	LR	3sec						None							Unknown	9
913	WL				✓			QT	✓				✓		Unknown	9

Copulations

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

At 15-MIN INTERVALS: Party composition, Location, Food, MNK

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RD ② Bu ② **KPC BEHAVIOUR** BL ①

DAY: 02ed MONTH: OCT YEAR: 09 KPC: SM OTHERS: KJ FOUND: FT

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
932	LR playing with LO where by LR making									AP
	Soft bites on LO									
934	WL and OU with their families climbed into									
	CHT making food grunts then started feeding									FGR
	on young leaves									
935	OU and WL made food barks while feeding									FBK
	then some ID's from a distant responded with									
	pant hoots									
936	BU YB BL BO NP LK KK TU PG PB MS AJ ST BB and RD joined the									
	party whom were followed by KJ PB made NVD LR Gn fled pant bar									
	king climbing tree's others made pant hoots									
937	KK made NVD and buttress bungs TU avoid									
	casual silent others made pant barks									
942	KK and LK made joint NVD KK made buttr									
	ess bungs TU and MS PG fled screaming climb									
	ing up tree's others made waars									
943	ST grooming KK									
943	KK made VD and buttress bungs LK joined									

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
936	PB		10sec					LR Gn		F		✓			reunion	2
937	KK		8sec					TU		C					" "	2
942	KK LK		12sec					PG TU MS		F		✓			unknown	2
943	KK	10sec						None							unknown	2
943	LK		8sec 6sec					TU		F		✓			unknown	2

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**

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943 him making NVD LK chased TU who fled screaming climbing up a tree others made waars

KPC BEHAVIOUR

DAY: 02ed MONTH: OCT YEAR: 09 KPC: SM OTHERS: KJ FOUND: FT

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
945	MS TU ST AJ BB PB PG BK KK	LO BL WL BT OL OT BU RD	OG LO BO WC EV	NP OL OM	Z/32	✓	CHT	YL	Ø	
947	KK and LK made joint NVD KK made buttress bungs Tu fled Screaming AJ MS ST PG made waars chasing KK and LK who fled making NVD (Coalition)									
958	BB grooming AJ									
1000	BB ST MS LK PB TU AJ KK PG BB	BL OL OT LP BU BT WL RD	OG LO BO WC EV	NP OL OM	Z/32	✓	CHT	YL	Ø	
1002	QT approach pant grunting to BB and presented to him BB extend hand on her but no contact, later on QT extend her mouth to BB he kissed on her cheek.									PTG
1003	QT pant grunted to AJ and she extend hand to him AJ ignored									PTG
1005	AJ grooming BB									
1009	KK made NVD and buttress bungs some ID's made hoo's									
1011	BB approached KK and they made hand clasp Mutual groom KK <-> BB									HCG

Aggression/Received aggression

Time	Aggr. ID	VD (Duration)	NvD (Duration)	CHA (Duration)	Attack 1	Attack 2	Attack 3	Vic ID	No	Av	Tn	Sb	Rt	RA	Behavioural context	T/G
947	KK LK							TU		F		✓			Unknown	g
947	ST PG AJ MS			30sec				KK LK		F					protection	g
1009	KK		8sec					None							Unknown	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?)

KPC BEHAVIOUR

DAY: 02ed MONTH: OCT YEAR: 09 KPC: SM OTHERS: — FOUND: FT

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1012	BB groomed KK after hand clapp									
1012	AJ approached LR and he Inspected her by touchion estrous then LR Made pant grunts and groomed AJ									PTG
1013	LR grooming TU									
1015	KK MS BB LK TU YB ST PP PJ	OU OB BR RD WL OT BL LR	LO WC BY OG BO	NP OM OL	Z/32				Ø	
1022	KK grooming BB									
1024	OU approach pant grunting to AJ and groomed him									PTG
1026	OM grooming OU									
1030	KK MS BB LK TU YB ST PP PJ	OU BL BU OT LR BL OT SL RD	LO WC BY OG BO	NP OM OL	Z/32				Ø	
1034	OG playing with LO by patting each other									
1037	BB grooming KK									
1045	KK MS TU BB PB LK AJ ST PG YB	OU BL BU OT WL LR BL OT RD	LO BO WC BY OG	NP OM OL	Z/32				Ø	
1051	KK Made VD and buttress drums Others Made waar barks									
1053	LR grooming YB									
1058	TU feeding on FUR un ripe fruits									

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														
1051	KK	6sec						None							unknown	g

Copulations

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

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KPC BEHAVIOUR

DAY: 02ed MONTH: OCT YEAR: 09 KPC: SM OTHERS: — FOUND: FT

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1059	Some Males made NVD in a poor view									
	Others IDIS fled pant barking									
1059	Chimps entered into THV and started									
	feeding silent in adense vegetation									
1100	ST TU LK YB PG MS KK AJ BB PB	OU WL LR OT BU QT BL RD	OG WC BO QV LO	NP OM OL	AA 33	✓	FUR THV	UF THV	Ø	
1115	ST LK TU YB PB MS KK BB PG AJ	OU WL LR OT BU QT BL RD	OG WC BO QV LO	NP OM OL	"	✓	THV	THV	Ø	
1130	ST LK TU YB PB MS KK BB PG AJ	OU WL LR OT BU QT BL RD	OG WC BO QV LO	NP OM OL	"		"	"	Ø	
1136	LK drinking water from the stream									DR
1137	LK grooming BB									
1141	BL approach pant grunting to AJ he groomed									PTG
	her									
1143	OU and LK both grooming BB									
1144	BB grooming ST									
1145	ST LK AJ YB PB MS KK BB PG TU	OU LR WL OT BU QT BL RD	OG WC BO QV LO	NP OM OL	B/JG	✓	THV	THV	Ø	
1145	Chain groom LK → BB → ST									
1150	LK AJ BB made joint VD and buttress bungs									
	Others pant hooted									
1152	LK grooming BB									

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
1150	LKAJBB	8sec						None							Unknown	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**

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1150 YB left the party and moved away.

KPC BEHAVIOUR

DAY: 02ed MONTH: OCT YEAR: 09 KPC: SM OTHERS: — FOUND: FT

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1200	TU MS BB AJ LK KK PG PB ST	OU RD WL BL BU OT QU LR	LO WC BO QV OG	NP OM OL	B/JG	✓	THV	THV	Ø	
1202	Some one made VD and buttress bungs Other									
	Made pant hoots									
1208	chain groom LK → BB → TU									
1211	Chain groom BB → TU → LK									
1212	MS grooming BB									
1213	KK Moved towards MS and BB both fled silen									
	t									
1214	KK approached BB and the made hand clasp									Hcg
	Mutual groom BB ↔ KK ← MS									
1215	TU MS LK KK ST BB AJ PG PB	BL OU OT RD QU BU WL LR	LO OG BO WC QV	NP OL OM	B/4				Ø	
1215	KK groomed BB after hand clasp									
1215	TU grooming MS									
1223	AJ and LK both grooming KK									
1224	chain groom LK → KK → AJ									
1230	KK TU LK ST PG AJ MS PB BB	OU LR WL RD QU BL BU OT	OG WC BO QV LO	NP OM OL	B/4				Ø	
1231	OU grooming AJ and LK grooming TU									
1234	OU grooming OG									

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: 02nd MONTH: OCT YEAR: 09 KPC: SM OTHERS: — FOUND: FT

Time	Party Composition AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1200	TU MS LK PG BB AJ KK PB ST	OU RD BU WL BL OT LR	LO WC BO GV OG	NP OM OL	B/J9	✓	THV	THV	Ø	
1202	Some one made VO and buttress lounge Other									
	Made pant hoots									
1208	Chain groom LK → BB → TU									
1211	Chain groom BB → TU → LK									
1212	MS grooming BB									
1213	KK Moved towards MS and BB both fled silent									
1214	KK approached BB and the made hand clasp									HCG
	Mutual groom BB ↔ KK ← MS									
1215	TU MS ST BB PB LK KK AJ PG	BL OU OT RD BL BU WL LR	LO OG GV BD WC	NP OL OM	B/4				Ø	
1215	KK groomed BB after hand clasp									
1215	TU grooming MS									
1223	AJ and LK both grooming KK									
1224	Chain groom LK → KK → AJ									
1230	KK TU ST PG BB LK AJ MS PB	OU LR RD BU WL GV BL OT	OG WC LO BO GV	NP OM OL	B/4				Ø	
1231	OU grooming AJ and LK grooming TU									
1234	OU grooming OG									

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: 02ed MONTH: OCT YEAR: 09 KPC: SM OTHERS: — FOUND: FT

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1200	TU MS LK PG ST BB AJ KK PB	OU RD BU WL BL OT GT LR	LO WC BO GV OG	NP OM OL	B/JG	✓	THV	THV	Ø	
1202	Some one made VO and buttress bungs other									
	Made pant hoots									
1208	chain groom LK → BB → TU									
1211	Chain groom BB → TU → LK									
1212	MS grooming BB									
1213	KK Moved towards MS and BB both fled silen									
	t									
1214	KK approached BB and the made hand clasp									Hcg
	Mutual groom BB ↔ KK ← MS									
1215	TU MS LK KK ST BB AJ PG PB	BL OU OT RD GT BU WL LR	LO BO OG WC GV	NP OL OM	B/4				Ø	
1215	KK groomed BB after hand clasp									
1215	Tu grooming MS									
1223	AJ and LK both grooming KK									
1224	chain groom LK → KK → AJ									
1230	KK LK TU AJ ST MS PG PB BB	OU WL LR GT RD BL BU OT	OG BO WC GV LO	NP OM OL	B/4				Ø	
1231	Ou grooming AJ and LK grooming TU									
1234	Ou grooming OG									

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**

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KPC BEHAVIOUR

DAY: 02ed MONTH: OCT YEAR: 09 KPC: SM OTHERS: — FOUND: FT

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1239	Qt was heard coughing (dry cough)									
1240	Og grooming AJ									
1244	Some ID's made pant hoots then KK AJ LK									
	made joint VD, BU and OT fled pant barking									
	climbing up tree's									
1245	KK ST LK PG TU BB AJ PB MS	OU OT LR BU QT WL BL RD	Og QV BO WC LO	NP OL OM	B/4				Ø	
1247	Some one chasing BU in a poor view she fled									
	screaming with chocked voice (Tuntrum)									
1250	Chimps climbing into FBR tree while make									FBK
	food barks then started feeding on ripe									
	fruits									
1300	MS LK ST PG BB KK TU AJ PB	QT OU BU LR OT BL WL RD	Og QV BO WC LO	NP OM OL	8/10	✓	FBR	RF	Ø	
1315	MS LK PG ST KK AJ BB AJ PB	QT OU BU LR OT BL WL RD	Og QV BO WC LO	NP OM OL	"	✓	"	"	Ø	
1330	MS LK PG KK AJ BB ST AJ PB	QT OU BU LR OT BL WL RD	Og QV BO WC LO	NP OM OL	"	✓	"	"	Ø	
1333	Chimps leaving the feeding tree and									
	moving									
1336	ST grooming BL and OU grooming OT									
1338	ST and AJ both grooming BL									

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
1244	KK AJ LK	10sec						BU OT		F		✓			Unknown	g

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	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**: 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: 02ed MONTH: OCT YEAR: 09 KPC: SM OTHERS: _____ FOUND: FT

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1339	09 playing with BO by tickling and Make									
	Soft bites on each other									
1340	ST grooming TU									
1341	Hand clasp mutual groom OU ←→ OT									HCG
1342	Om groomed MS shortly									
1343	OT groomed OU after hand clasp									
1345	TU LK ST KK MS BB PG AJ PB	OU WL BL LR QT BU OT RD	09 WC LO QW BO	NP OL OM	8/10				Ø	
1345	TU grooming ST									
1400	TU LK ST KK MS BB PG AJ PB	OU WL BL LR QT BU OT RD	09 WC LO QW BO	NP OL OM	8/10				Ø	
1415	TU LK ST KK MS BB PG AJ PB	OU WL BL LR QT BU OT RD	09 WC LO QW BO	NP OL OM	n				Ø	
1430	TU LK ST KK MS BB PG AJ PB	OU WL BL LR QT BU OT RD	09 WC LO QW BO	NP OL OM	n				Ø	
1430	LK grooming BB									
1441	Chimps climbed into APH grooves and									
	Started feeding on ripe fruits silent									
1445	LK PB PG BB AJ KK ST TU MS	OU WL LR BL QT BU RD OT	09 WC LO QW BO	NP OM OL	10/10	✓	APH	RF	Ø	
1447	LK made NVD QT and WL fled pant									
	barking									
1457	BL BO KK LK feeding on CAF young leaves KK made food barks									FBK

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
1437	LK	5sec						None							Unknown	g
1447	LK		10sec					QTWL		F		✓			Unknown	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?)

1437 LK made VD and buttress bungs RD and others pant hooted.

KPC BEHAVIOUR

DAY: 02nd MONTH: OCT YEAR: 09 KPC: SM OTHERS: — FOUND: FT

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1500	KK MS LK BB ST TU AJ PB PG	OU WL LR OT BU QT BL RD	OG LO BO OV WC	NP DL OM	13/15	✓	CAF	YL	Ø	
1510	WL and QT with their families left the party and moved away									
1515	KK LK MS BB ST TU AJ PB PG	OU RD OT BL BU LR	BO OG LO	NP OL OM	13/15	✓	CAF	YL	Ø	
1519	It started raining									RN
1521	LK KK AJ made joint non vocal rain displays									RD
	LK Chased BU who fled screaming climbing up									
	a tree and KK slapped the ground and buttress									
	bungs LR BL made pant barks									
1530	KK LK MS BB ST TU AJ PB PG	OU OT RD BL BU LR	BO OG LO	NP DL OM	13/15				Ø	
1531	KK LK AJ TU made joint non vocal rain displays									RD
	ST fled screaming and MS approached LK who									
	groomed him shortly									
1545	KK LK MS BB ST TU AJ PB PG	BL OU OT RD BU LR	BO OG LO	NP OL OM	13/15				Ø	
1554	OU approach pant grunting to MS he ignored									PTG
1600	KK LK MS BB ST TU AJ PB PG	BL OU OT RD BU LR	BO OG LO	NP OL OM	13/15				Ø	
1614	Chimps entered into THV and started feeding									
	Silent									

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
1521	LK AJ KK		180sec					None							Social excitement	g
1521	LK			10sec				BU		F		✓			" "	g
1531	TU KK LK AJ		120sec					ST		F		✓			" "	g

Copulations

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

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KPC BEHAVIOUR

DAY: 02ed MONTH: OCT YEAR: 09 KPC: SM OTHERS: — FOUND: FT

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1615	KK TU ST BB AJ PB PG LK MS	LR RD BL BU OU OT	OG BO LO	NP OL OM	17/JG	✓	THV	THV	Ø	
1617	Some one was chased in a poor view who									
	fled screaming then ST made NVD BL OU OT									
	both fled screaming, later on BL approached									
	ST while screaming and mounted him.									
1630	KK TU ST AJ PG BB LK PB MS	RD BU OT BL OU LR	LO OG BO	NP OL OM	17/OLJ	✓	THV	THV	Ø	
1645	KK TU ST BB AJ PG LK PB MS	RD BU BL OU OT LR	LO OG BO	NP OL OM	"	✓	"	"		
1654	KK made NVD then MS TU ST AJ BB made									
	Screams and Waars chasing KK who fled									
	Making NVD (Coalition)									
1700	KK PG PB TU ST MS LK BB AJ	RD OU BU OT LR	LO BO OG	NP OL OM	KTM/NFP				Ø	
1711	Chimps Moving in the rain heading into									
	elephants & Abandoned them at Kitoko									
	ma/NFP.									
1744	WL and QT with their families Found									
	& SM waiting at the feeding tree FBR									
	H/16 they sat on ground and rest									
1745		WL QT	WC QV		14/16				Ø	

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**

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KPC Behavior

Day 02ed Month OCT Year 09 KPC SM Others — Found FFT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1755	WL (WC)	building	a night	nest	tree =		Dosp		HT=	
	12m	DBH = 13cm								
1757	GT (GV)	building	a night	nest	tree =		CAF		HT=	
	22m	DBH =	46cm							
1800		WL GT	WL GV		H/16				Ø	
1810	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						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

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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 02ed Month OCT Year 09 KPC SM Others — Found FFT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1755	WL (WC)	building	a night	nest	tree =		Do	Sp	HT=	
	12m	Dbh = 13cm								
1757	QT (QV)	building	a night	nest	tree =		CAF		HT=	
	22m	Dbh =	46cm							
1800		WL QT	WL QV		H/16				0	
1810	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						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

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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?)