DAY 17th MONTH 09 YEAR '09 OBS-PC Fm TMF/40 SK JMK KJ TW Pm HOW FOUND M

	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	TA	GRID	MNK	SP	PT
Estrus																																																
5:45																																																
6:00																																																
6:15					X		X																																				P/24	None	—	—
6:30					X		X																																				»		FNA	RF
6:45					X		X																								X											P/25			
7:00				X	X		X																								X														
7:15				X	X		X																								X														
7:30				X	X		X																								X														
7:45				X	X		X																								X														
8:00				X	X		X					X											X								X				X	X								
8:15				X	X		X					X											X								X				X	X								
8:30				X	X		X					X											X								X				X	X							P/25		FNA	RF
8:45					X		X																																			P/26		MAE	»
9:00				X	X		X					X											X								X				X	X								TRI	FL
9:15				X	X		X					X											X								X				X	X								
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								
10:15				X	X		X					X											X								X				X	X								TRI	FL
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								
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							P/26		THV	THV
12:45			X	X			X					X											X								X				X	X							P/27	None	MAE	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	TA	GRID	MNK	SP	PT
13:00			X	X			X					X											X								X				X	X							P/27	None	—	—
13:15			X	X			X					X											X								X				X	X							»		—	—
13:30			X	X			X					X											X								X				X	X							Q/27		Com	RF
13:45			X	X			X					X											X								X				X	X										
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										
15:00			X	X			X					X											X								X				X	X										
15:15			X	X			X					X											X								X				X	X							Q/27		Com	RF
15:30																																			X	X							P/27		FEx	YL
15:45																																			X	X										
16:00																																			X	X										
16:15																																			X	X										
16:30																																			X	X										
16:45																																			X	X							P/27	None	—	—
17:00																																															
17:15							X					X																															P/27	None	CAF	YL
17:30							X					X																															»		—	—
17:45							X					X																															P/27		—	—
18:00							X					X																															»		APH	RF
18:15							X					X																															»		—	—
18:30							X					X																															O/27	None	—	—
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	TA	GRID	MNK	SP	PT
Health			1	1			1					1											1	1	1						1	2			1	1	1	1				1					

COMMENTS YB had a wound on his Butt, and LO was heard coughing. NO monkeys encountered.

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

LR (1)

KPC BEHAVIOUR

DAY: 17th MONTH: 09 YEAR: 09 KPC: Fm OTHERS: KJ 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.									
615	LK AJ				NM /31					
626	LK then AJ leaving the night nests.									
629	LK AJ made joint vocal displays and									
	buttress bungs.									
630	LK AJ				NM /31					
632	LK AJ made joint vocal displays and									
	buttress bungs.									
634	Chimps climbed into FNA.									
637	LR (LO) joined the party.									
645	LK AJ	LR	LO		J /11	✓	FNA	RF		
652	Heard distant calls from North of K30 Road									
	and this party didn't respond.									
655	YB KK joined the party.									
658	KK made non vocal displays chasing LR									
	who fled screaming while LK fled silently									
	in the feeding tree.									
700	LK AJ LK YB	LR	LO		J /11	✓	FNA	RF		

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		
629	LK	7secs						None							Wake	9
632	LK	6secs						None							Wake	9
658	KK		13secs	4secs				LR		F		✓			Reunion	T

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?)

WL ① QT ① TG ①

KPC BEHAVIOUR

DAY: 17th MONTH: 09 YEAR: 09 KPC: Fm OTHERS: KJTW Rm FOUND: N

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
701	YB has a big wound on his buttocks.									
715	LKKK AJYB	LR	LO		J/11	✓	FNA	RF		
730	LKKK YBAJ	LR	LO		"	✓	"	"		
745	LKKK YBAJ	LR	LO		"	✓	FNA	RF		
746	Heard distant calls from the west and									
	this party responded with pant hoots.									
746	Hand clasp mutual groom LK ⇆ KK									Hcg
747	LK grooming KK.									
748	Other IDs joined the party.									
749	QT approached pant grunting and presented									PTG
	to KK who Ignored.									
750	WL also approached pant grunting to									PTG
	KK but he Ignored.									
800	TJ LKKK YBAJ	TG LR WL QT	QN LO TT WC	TS TD NP	J/11	✓	FNA	RF		
806	LK grooming LR.									
809	AJ KK LK YB leaving the feeding tree,									
	and rested on the ground.									

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: 17th MONTH: 09 YEAR: 09 KPC: _____ OTHERS: KJTW RM FOUND: N

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
814	AJ feeding on wasps.									
815	TJ LKKK YBAJ	TGQT WL LR	TT QV WCLO	NP TSTD	J/11	✓	FNA	RF		
829	KK made vocal displays and buttress bungs,									
	and LK made waars.									
830	LKKK YBAJ TJ	QTTG WL LR	LOTT WC QV	TSTD NP	J/11	✓	FNA	RF		
830	KK made vocal displays and buttress bungs,									
	and others waar barked.									
834	KK made vocal displays and buttress bungs,									
	and others pant barked.									
837	Chimps separated and FM KJ followed LK AJ.									
845	LKAJ				3/10	✓	MAE	Pith		
846	AJ made vocal displays and buttress bungs,									
	and LK joined him with vocal displays.									
848	LK made vocal displays and buttress bungs									
	and AJ pant hooted.									
852	LK made vocal displays and buttress bungs									
	and others responded from a distance.									
855	LK AJ joined others at TR1				B/4	.				

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
829	KK	9secs						None							unknown	9
830	KK	6secs						None							unknown	9
834	KK	12 secs						None							unknown	9
846	AJ	5secs						None							unknown	9
848	LK	5 secs						None							unknown	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?)

834 LO was heard coughing.

KPC BEHAVIOUR

DAY: 17th MONTH: 09 YEAR: 09 KPC: Fm OTHERS: KJ TW RM FOUND: M

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
900	LKKK YBAJ TJ	QT TG WLR	LOTT WC BN	TSTD NP	B/4	✓	TR1	FL		
902	kk made non vocal displays chasing kk who casually avoided.									
915	LKKK YBAJ TJ	QT TG WLR	LOTT WC BN	TSTD NP	B/4	✓	TR1	FL		
930	LKKK YBAJ TJ	QT TG WLR	LOTT WC BN	TSTD NP	〃	✓	〃	〃		
945	LKKK YBAJ TJ	QT TG WLR	LOTT WC BN	TSTD NP	〃	✓	〃	〃		
1000	LKKK YBAJ TJ	QT TG WLR	LOTT WC BN	TSTD NP	〃	✓	TR1	FL		
1003	LK TT leaving the feeding tree.									
1015	LKKK YBAJ TJ	QT TG WLR	LOTT WC BN	TSTD NP	B/4	✓	TR1	FL		
1019	kk presented to LK who inspected her by touching and smelling on the Estrous.									
1023	kk made non vocal displays and LK TG LK fled silently while kk screamed.									
1027	AJ grooming KK.									
1028	NP TT QT looking at YB's wound.									
1029	TJ leaving the feeding tree last.									
1030	LKKK YBAJ TJ	QT TG WLR	LOTT WC BN	TSTD NP	B/4					
1034	LR also looking at YB's wound.									

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		
852	LK	16secs						None							Unknown	9
902	KK		45secs	25secs				LK		C		No			Food Competetion	T

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: 17th MONTH: 09 YEAR: 09 KPC: Fm OTHERS: KJ TW RM SK Jmc FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1045	LKKK YB AJ TJ	QT TG WLR	LOTT WC QN	TS TD NP	B/4					
1050	TT was seen	vomiting but did not spit.								
	He chewed	and swallowed a grain.								
1058	LR made a	ground nest.								
1100	LKKK YB AJ TJ	QT TG WLR	LOTT WC QN	TS TD NP	B/4					
1101	TT grooming	NP.								
1102	TS TT	Observing YB's wound again.								
1103	NP grooming	TS.								
1113	NP grooming	YB.								
1114	YB grooming	NP.								
1115	LKKK YB AJ TJ	QT TG WLR	LOTT WC QN	TS TD NP	B/4					
1115	NP grooming	YB.								
1118	YB grooming	NP.								
1121	TJ grooming	TG.								
1122	YB turned to QT	who touched his								
	wound then got	some leaves but	moved							
	away with them.									
1125	WK approached	KK pant grunting			and	he	groomed	her		PTG

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: 17th MONTH: 09 YEAR: 09 KPC: FM OTHERS: KJTW RmSK JMK FOUND: N

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1126	YB approached pant grunting and groomed Lk.									PTG
1130	LKKU YB AJ TJ	QT TG WL LR	LOTT WC QN	TS TD NP	B/4					
1133	YB turned his wound to Ku who smelled									
	on it, then WL came and touched it.									
1135	Lk grooming WL.									
1136	LR grooming WL.									
1137	Hand clasp mutual groom, AJ ⇆ Lk									HCG
1138	AJ grooming Lk.									
1141	QT grooming LR.									
1143	Hand clasp mutual groom				QT ⇆ LR					HCG
1144	LR grooming QT.									
1145	LKKU YB AJ TJ	QT TG WL LR	LOTT WC QN	TS TD NP	B/4					
1146	Ku made non vocal displays chasing									
	AJTJ who fled screaming and others									
	pant barked. He continued displaying and									
	made buttressbungs.									
1147	Lk made non vocal displays but									
	no one responded.									

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
1146	KK		23secs	4secs				AJTJ		F		✓			Unknown	9
1147	LK		7secs					None							Unknown	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?)

KPC BEHAVIOUR

DAY: 17th MONTH: 09 YEAR: 09 KPC: Fm OTHERS: KJ TW RM SK JMK FOUND: N

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1148	BB joined the party but no one responded.									
1151	Chain groom, LK→KK→YB.									
1152	BB approached, and KK mounted AJ and both screamed.									
1153	Hand clasp mutual groom BB⇆LK									Hcg
1153	KK grooming AJ.									
1154	LK grooming BB.									
1155	BB grooming LK.									
1156	Chain grooming, LK→BB→KK.									
1159	Hand clasp mutual groom, BB⇆KK.									Hcg
1200	LK, BB grooming KK.									
1200	LKKK YBBB AJTJ	DTTG WL LR	LOTT WC QN	TSTD NP	B/4					
1201	Chain grooming, LK→BB→KK.									
1202	Hand clasp mutual groom KK⇆BB									Hcg
1203	KK grooming BB.									
1205	KK LK grooming BB.									
1208	BB grooming KK.									
1209	KK 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
		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: 17th MONTH: 09 YEAR: 09 KPC: Fm OTHERS: KJTWRMSK Jmk FOUND: M

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1209	LR approached pant grunting and also									PTG
	groomed BB.									
1210	Chain grooming, KK → BB → LR.									
1211	KK, LR grooming BB.									
1212	KK grooming BB.									
1214	BB grooming KK.									
1215	LKKK YBBB AJTJ	QTTG WL LR	LOTT WC QN	TSTD MP	B/4					
1216	YB got some leaves and started									TLU
	wiping his wound.									
1217	KK grooming BB.									
1220	Hand clasp mutual groom BB ⇆ KK.									HCG
1221	Mutual groom but not hand clasp, KK ⇆ BB.									
1221	LO was seen playing with a stick (toy),									
	60cm x 0.2cm.									
1222	KK grooming BB.									
1222	YB got some leaves and wiped									
	his wound again.									
1226	BB moved and LR pantgrunted to him.									PTG

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: 17th MONTH: 09 YEAR: 09 KPC: Fm OTHERS: KJ TW RM SK JMK FOUND: M

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1228	Chimps	moved	into THV.							
1230	LuKu YBBB AJTJ	QTTG WLLR	LOTT WCBN	TSTD NP	B/200	✓	THV	THV		
1239	BB made non	vocal displays	and	KK joined						
	him with non	vocal displays	and	WN QT TG						
	ran into trees	pant barking.	KK also	made						
	non vocal displays	chasing	WN who	fled screaming.						
1241	KK made non	vocal displays	and	LR TB WL						
	fled into trees	pant barking.								
1245	LuKu YBBB AJTJ	QTTG WLLR	LOTT WCBN	TSTD NP	C/400	✓	MAE	RF		
1300	LuKu YBBB AJTJ	QTTG WLLR	LOTT WCBN	TSTD NP	4					
1305	KK	inspected	WN	by touching	on	the	Estrous.			
1315	LuKu YBBB AJTJ	QTTG WLLR	LOTT WCBN	TSTD NP	C/600					
1318	Chimps	climbed	into	com	at	C/800				
1326	It	started	raining	but	the	chimps				RN
	continued	feeding.								
1330	LuKu YBBB AJTJ	QTTG WLLR	LOTT WCBN	TSTD NP	C/800	✓	Com	RF		
1345	LuKu YBBB AJTJ	QTTG WLLR	LOTT WCBN	TSTD NP	4	✓	"	"		
1400	LuKu YBBB AJTJ	QTTG WLLR	LOTT WCBN	TSTD NP	C/800	✓	Com	RF		

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

KPC BEHAVIOUR

DAY: 17th MONTH: 09 YEAR: 09 KPC: Fm OTHERS: KJTW RmSK JMK FOUND:

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1415	TJ LKKK YBBB AJ	QT TG WL LR	LOTT WC QV	TS TD MP	C/800	✓	Com	RF		
1430	LKKK YB BB AJ TJ	QT TG WL LR	LOTT WC QV	TS TD MP	"	✓	"	"		
1445	LKKK YB BB AJ TJ	QT TG WL LR	LOTT WC QV	TS TD MP	"	✓	"	"		
1500	LKKK YB BB AJ TJ	QT TG WL LR	LOTT WC QV	TS TD MP	C/800	✓	Com	RF		
1510	Chimps leaving the feeding tree.									
1515	LKKK YB BB AJ TJ	QT TG WL LR	LOTT WC QV	TS TD MP	C/800					
1518	Chimps scattered taking different directions									
	and we stayed with WL QT families with									
	MP who climbed into FEX.									
1530		WL QT	WC QV	MP	C/600	✓	FEX	YL		
1538	It stopped raining.									
1545		WL QT	WC QV	MP	C/600	✓	FEX	YL		
1600		WL QT	WC QV	MP	"	✓	"	"		
1615		WL QT	WC QV	MP	C/600	✓	FEX	YL		
1622	Chimps leaving the feeding tree.									
1630		WL QT	WC QV	MP	C/600	✓	CAF	YL		
1645		WL QT	WC QV	MP	"					
1647	WL building a night nest, 22m high DBH,									

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: 17th MONTH: 09 YEAR: 09 KPC: FM OTHERS: KJ TW FOUND: M

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
	50 cm (E) sp. obs.									
1654	Obs heard distant calls and we left									
	we (we) ~~in~~ the west and we to look for									
	the big group.									
1705	we found KJ who had left earlier									
	with LK and TJ									
1715	LK TJ				OLT /400	✓	CAF	Yh		
1727	LK TJ made joint vocal displays and									
	others made woar barks from a distance.									
1730	LK TJ				OLT /4					
1732	LK eating red soil from the road side.									Soil
1744	LK made vocal displays and TJ									
	joined him with vocal displays also.									
1745	LK TJ				17/09					
1749	LK made vocal displays but									
	no one responded.									
1751	LK made vocal displays and									

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		
1727	LK TJ	12secs						None							Unknown	9
1744	LK	7secs						None							Unknown	9
1749	LK	10secs						None							Unknown	9
1751	LK	4secs						None							Unknown	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?)

KPC BEHAVIOUR

DAY: 17th MONTH: 09 YEAR: '09 KPC: Fm OTHERS: KJ TW FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
	buttress bangs but no one responded.									
1756	LK climbed into APA.									
1800	LK TJ				19/JJ	✓	APH	RF		
1814	LK building a night nest, 9m high,									
	DBH 17cm (E) sp. Uvariopsis.									
1815	LK TJ				A/JJ					
1828	TJ building a night nest, 11m high,									
	DBH 24cm (E) sp. Uvariopsis.									
1830	LK TJ				19/JJ					
1840	Obs leaving the nest site.									

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?)