DAY 13th MONTH 09 YEAR '09 OBS-PC Fm TMF/40 KJ AG 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	GRID	MNK	SP	PT
5:45																																														
6:00																																														
6:15								X	X		X																																M/26	None	—	—
6:30								X	X		X																																		—	—
6:45								X	X		X																																		—	—
7:00								X	X		X																																		—	—
7:15								X	X		X																																	M/26		—	—
7:30								X																																			N/26		APH	RF
7:45								X																																					"	"
8:00								X																																					APH	RF
8:15								X	X	X																		X														X			FEX	YL
8:30								X	X	X																		X														X			"	"
8:45								X	X	X																		X														X			"	"
9:00								X	X	X																		X														X			FEX	YL
9:15								X	X	X																		X														X			—	—
9:30								X	X	X																		X														X			—	—
9:45								X	X	X																		X														X			FEX	YL
10:00								X	X	X																		X														X			"	"
10:15								X	X	X																		X														X			"	"
10:30								X	X	X																		X														X			FEX	YL
10:45								X	X	X																		X														X			N/26		THV	THV
11:00								X																				X																	M/26		—	—
11:15								X																				X																		PHN	RF
11:30								X																				X																		CAF	YL
11:45								X																				X																		"	"
12:00								X																				X																		"	"
12:15								X																				X																		CAF	YL
12:30								X																				X																		—	—
12:45								X																				X																	M/26	None	—	—
	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				
13:00								X																				X																	M/27	None	MMS	RF
13:15								X																				X																				
13:30								X																				X																				
13:45								X																				X																				
14:00								X																				X																		MMS	RF
14:15								X																				X																		—	—
14:30								X																				X																		—	—
14:45								X																				X																		MMS	RF
15:00								X	X																			X														X					
15:15								X	X																			X														X					
15:30								X	X																			X														X					
15:45								X	X																			X														X					
16:00								X	X																			X														X					
16:15								X	X																			X														X			MMS	RF
16:30								X	X																			X														X			—	—
16:45								X	X																			X														X			—	—
17:00								X	X																			X														X			—	—
17:15								X	X																			X														X			THV	THV
17:30								X	X																			X														X			"	"
17:45								X	X																			X														X			"	"
18:00								X	X																			X														X			THV	THV
18:15								X	X																			X														X			CAF	YL
18:30								X	X																			X														X			—	—
18:45								X	X																			X														X			M/27	None	—	—
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	GRID	MNK	SP	PT
Health																																															

COMMENTS 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

KPC BEHAVIOUR

DAY: 13th MONTH: 09 YEAR: 09 KPC: FM OTHERS: KJ AG FOUND: N

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
607	Obs arrived at the nest site.									
615	KK pg PB				D/23					
630	KK pg PB				"					
645	KK pg PB				"					
653	This party pant hooted and others									
	responded from East of K14.									
700	KK pg PB				D/23					
713	KK then PB leaving the night nests.									
715	KK pg PB				D/23					
716	PB moved back into the nest.									
715	KK made vocal displays and buttress bungs									
	but no one responded.									
717	KK moved away leaving pg PB behind.									
724	KK climbed into APH and made food barks									FBK
730	KK				F/19	✓	APH	RF		
745	KK				"	✓	"	"		
800	KK				F/19	✓	APH	RF		
806	KK leaving the feeding tree.									

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
715	KK	6secs						None							wake	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: 13th MONTH: 09 YEAR: '09 KPC: Fm OTHERS: KJ AG FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
808	KK made vocal displays and buttress bangs									
	as he joined the others and PG pant barked.									
815	KK PG ES		AT	EM	F/21	✓	FEx	YL		
828	PG grooming KK.									
830	KK ES PG		AT	EM	F/21	✓	FEx	YL		
835	KK grooming PG.									
841	PG grooming KK.									
842	KK grooming PG.									
844	PG grooming KK.									
845	KK ES PG		AT	EM	F/21	✓	FEx	YL		
900	KK ES PG		AT	EM	4	✓	4	4		
904	AT grooming KK.									
905	KK grooming PG									
906	EM building a day nest.									
906	Mutual groom but not hand clasp, PG ⇆ KK.									
908	KK grooming PG.									
910	PG grooming KK.									
912	Mutual groom but not hand clasp. PG ⇆ KK.									

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		
808	KK	5secs						None							Re union.	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: 13th MONTH: 09 YEAR: 09 KPC: Fm OTHERS: KJ AG FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
913	Kk grooming		Pg.							
915	Kk ES Pg		AT	EM	F/21					
925	AT building a day nest in the				feeding tree.					
930	Kk ES Pg		AT	EM	F/21					
935	Pg grooming		Kk.							
945	Kk ES Pg		AT	EM	F/21	✓	FGx	YL		
1000	Kk ES Pg		AT	EM	〃	✓	〃	〃		
1015	Kk ES Pg		AT	EM	〃	✓	〃	〃		
1030	Kk ES Pg		AT	EM	F/21	✓	FGx	YL		
1035	Kk approached ES who pant grunted to him.									Pg
1042	Chimps leaving the feeding tree and									
	EM left the day nest.									
1045	Kk ES Pg		AT	EM	F/21	✓	THV	THV		
1051	AT grooming Pg.									
1055	Kk feeding on Trichilia young leaves.									
1057	ES made vocal displays and Kk joined him,									
	then both made buttress bangs.									
1058	Chimps separated and we followed Kk AT.									

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: 13th MONTH: 09 YEAR: 09 KPC: Fm OTHERS: KJ AG FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1100	KK		AT		F/28					
1108	AT approached	KK	pant-grunting	and groomed him						P79
1111	AT mounted KK making SOTE screams									
	then groomed him.									
1113	Chimps feeding on phytollaca.									
1115	KK		AT		F/28	✓	PHY	RF		
1127	Chimps leaving the phytollaca.									
1130	KK		AT		F/28	✓	CAF	YL		
1145	KK		AT		〃	✓	〃	〃		
1200	KK		AT		〃	✓	〃	〃		
1215	KK		AT		〃	✓	CAF	YL		
1230	KK		AT		〃					
1245	KK		AT		F/28					
1259	Chimps climbed into mms.									
1300	KK		AT		F/S	✓	mms	RF		
1315	KK		AT		〃	✓	〃	〃		
1330	KK		AT		〃	✓	〃	〃		
1345	KK		AT		F/S	✓	mms	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		

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: 13th MONTH: 09 YEAR: 09 KPC: Fm OTHERS: KJ AG FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1400	KK		AT		F/S	✓	mms	RF		
1400	Heard distant calls from East of Kyakato									PTG
	and this party responded with pant hoots then									
	AT approached KK pant grunting.									
1403	AT grooming KK.									
1415	KK		AT		F/S					
1428	AT grooming		KK							
1430	KK		AT		F/S					
1445	KK		AT		"	✓	mms	RF		
1456	PG ES EM joined the party and ES					pant grunted to KK				PTG
1500	KK ES PG		AT	EM	F/S	✓	mms	RF		
1501	KK grooming		PG.							
1512	PG grooming		KK.							
1513	KK grooming		PG.							
1515	KK ES PG		AT	EM	F/S	✓	mms	RF		
1530	KK ES PG		AT	EM	"	✓	"	"		
1545	KK ES PG		AT	EM	"	✓	"	"		
1600	KK ES PG		AT	EM	F/S	✓	mms	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		

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: 13th MONTH: 09 YEAR: 09 KPC: Fm OTHERS: KJ AG FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1615	Ku ES PG		AT	EU	F/S	✓	MMS	RF		
1619	PG grooming Ku.									
1622	Chimps leaving the feeding tree.									
1624	Ku grooming PG.									
1626	Hand clasp mutual groom Ku ⇆ PG.									HCG
1626	AT grooming EU.									
1628	Ku grooming PG.									
1629	Mutual groom but not hand clasp Ku ⇆ PG									
1630	Ku grooming PG and EU grooming AT.									
1630	Ku ES PG		AT	EU	S/JG					
1638	EU grooming ES.									
1640	PG grooming Ku.									
1641	Mutual grooming but not hand clasp. Ku ⇆ PG.									
1642	Ku grooming PG.									
1643	PG grooming Ku.									
1644	Ku moved and AT pant grunted to him.									PTG
1645	Ku ES PG		AT	EU	S/JG					
1648	EU AT eating red soil from the trail.									SOIL

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: 13th MONTH: 09 YEAR: 09 KPC: Fm OTHERS: KJ AG FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1649	PG made food grunts as he fed on CAF.									FG
1659	PG eating red soil from the trail.									
1659	AT pant grunted to KK but he ignored.									PTG
1700	KK ES PG		AT	EM	S/28					
1715	KK ES PG		AT	EM	〃	✓	THV	THV		
1730	KK ES PG		AT	EM	〃	✓	〃	〃		
1745	KK ES PG		AT	EM	K/JG	✓	THV	THV		
1759	KK eating red soil from the roots of a fallen tree									SOIL
1800	KK ES PG		AT	EM	K/JG	✓	THV	THV		
1807	PG building a night nest, 10m high, DBH									
	12cm (E) sp. Diospyrus.									
1815	KK PG ES		AT	EM	K/JG	✓	CAF	〃		
1821	KK building a night nest, 8m high, DBH									
	10cm (E) sp. Teclea.									
1829	AT building a night nest, 12m high, DBH									
	18cm (E) sp. Diospyrus.									
1830	ES KK PG		AT	EM	K/JG					

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

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KPC BEHAVIOUR

DAY: 13th MONTH: 09 YEAR: 09 KPC: Fm OTHERS: KJ AG FOUND: M

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1837	Es building a night nest, 18m high									
	DBH 17cm (E) Sp. Diospyrus.									
1842	AT made an arm threat to Eu from the									
	nest but she ignored.									
1843	Eu building a night nest, 12m high,									
	DBH 15cm (E) Sp. CAF.									
1845	We Es pg		AT	Eu	K/JG					
1850	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

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