DAY 16 MONTH NOV YEAR 2009 OBS-PC KJ TMF/40 FM TW JR KD 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	GRID	MNK	SP	PT
5:45																																														
6:00																																														
6:15																																											N/26		—	—
6:30																																													—	—
6:45																																													—	—
7:00																																													FEx	YL
7:15																																													FEx	YL
7:30																																										N/26		—	—
7:45																																										O/26		—	—
8:00																																												COA	RF
8:15																																														
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11:30																																													COA	RF
11:45																																													THV	THV
12:00																																											RDC 11:45		—	—
12:15																																													BCC	HNY
12:30																																													—	—
12:45																																													—	—
	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																																											P/25		BUG	WD
13:15																																														
13:30																																														
13:45																																														
14:00																																													BUG	WD
14:15																																													THV	THV
14:30																																													—	—
14:45																																											P/25		—	—
15:00																																											P/24		TRI	YL
15:15																																													CAF	YL
15:30																																													LOW	YL
15:45																																													LOW	YL
16:00																																													LOW	YL
16:15																																													BCH	PITH
16:30																																													LOW	YL
16:45																																												P/24		LOW	YL
17:00																																												O/24		COA	RF
17:15																																													COA	RF
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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	GRID	MNK	SP	PT
Health								1																							1	2			1	1	1	1			1					

COMMENTS LO was coughing.

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

GPS #

WL ① LR ①

KPC Behavior

Day 16 Month NOV Year 2009 KPC KJ Others FM JR KP Found M

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
610	Obs arriving at the nesting site and found									
	chimps still in their nests and it was drizzling									RN
615		WL	WC	NP	F/20				∅	
630		WL	WC	NP	"				∅	
643	WL (WC) coming down from the night nest.									
645		WL	WC	NP	F/20				∅	
719	WL started feeding on FEX YL.									
700		WL	WC	NP	H/20	✓	FEX	YL	∅	
715		WL	WC	NP	"	✓	FEX	YL	∅	
720	chimps coming down from FEX.									
722	WL feeding on OTE YL									
730		WL	WC	NP	KRd/15				∅	
734	chimps feeding on ACA PitL.									
745		WL	WC	NP	S/7				∅	
748	chimps joined LR (2) who were feeding on Cordia.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **ELE**: Elephants; **FBK**: Food Bark; **HCG**: Hand-clasp groom; **HNY**: Honey **IGI**: Intergroup interaction; **LF**: Leaf use; **MAT**: Monkeys attack; **PIG**: Pigs; **Pred**: Predation; **PTG**: Pant-grunt; **RN**: Rain **RD**: Rain display; **SOIL**: Eating red soil; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events **PAT**: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

Day 16 Month NOV Year 2009 KPC KT Others FM JW JK Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
800		LR WL	WC LO	NP	7/10	V	COA	RF	Ø	
815		LR WL	WC LO	NP	"	V	COA	RF	Ø	
830		LR WL	WC LO	NP	"	V	COA	RF	Ø	
837	LK joined the party, WL made pant barks									
	as LK climbed into the feeding tree.									
840	WL chased NP and she fled screaming, then									
	WL supplanted her.									
845	LK	LR WL	WC LO	NP	7/10	V	COA	RF	Ø	
900	LK	LR WL	WC LO	NP	"	V	COA	RF	Ø	
910	WL chased NP and arm threat, NP fled									
	screaming.									
915	LK	LR WL	WC LO	NP	7/10	V	COA	RF	Ø	
930	LK	LR WL	WC LO	NP	"	V	COA	RF	Ø	
933	LK grooming NP									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim: No	Av	Submission	Tn	Rt	RA	Context	Height T or G
800	WL			3sec				NP		F	YES				Food competition	T
910	WL			2sec				NP		F	YES				Food competition	T

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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KPC Behavior

Day 16 Month NOV Year 2009 KPC KJ Others FM TW JR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
935	NP grooming LK.									
938	WL WC coming down from the feeding tree.									
945	LK	LR WL	WC LO	NP	7/10	L	COA	RF	Ø	
1000	LK	LR WL	WC LO	NP	"	L	COA	RF	Ø	
1015	LK	LR WL	WC LO	NP	"	L	COA	RF	Ø	
1030	LK	LR WL	WC LO	NP	"	L	COA	RF	Ø	
32	LK making a day nest in the feeding tree.									
1040	WL (WC) moved away.									
1045	LK	LR	LO	NP	7/10				Ø	
1100	LK	LR	LO	NP	"	L	COA	RF	Ø	
1109	LK coming out of the day nest and started feeding again.									
1115	LK	LR	LO	NP	7/10	L	COA	RF	Ø	
1122	NP coming out of the feeding tree but not to the ground.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Context	Height T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

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KPC Behavior

Day 16th Month NOV Year 2009 KPC KJ Others EM TW JR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1130	LK	LR	LO	NP	7/10	V	COP	RF	Ø	
1138	LK coming down	from cordia	followed by LR.							
1141	LK feeding on	MAE with	while LR feeding							
	on AFR.									
1145	LK	LR	LO	NP	7/10	V	THV	THV	Ø	
1156	LK picking	some honey	combs from the							
	ground.									
1200	LK	LR	LO	NP	S/7				MGB ROC	
1203	LR (LO) and NP separated	from LK.								
1205	LK climbed	once and	got some	honey then						HNY
	came to the ground to feed.	NB The								
	bees chased him from the tree.									
1215	LK				S/7	V	BEE	HNY	ROC MGB	
1230	LK				"				ROC MGB	
1243	LK joined LR WA and NP again.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Context	Height T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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1140 - Both LK and LR are drinking water from astream.

OT ①

KPC Behavior

Day 16 Month NOV Year 2009 KPC KJ Others FM TW JR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1245	WL made attack ② on NP by slaps, NP fled screaming									
1245	LK	LR WL ✓	WC LO	NP	S/3				MGB RDC	
1249	WL made pant grunts to LK who ignored her.									PTG
1250	OT ⓞⓥ joined the party and she approached LK pant barking and presented before him, LK inspected her by touching on the estrous and smelling on the fingers.									
1254	LR WL and OT are eating Beilschmiedia								WOD	WD
1256	LR approached LK pant grunting, LK ignored									PTG
1257	WL approached LK pant grunting and extented a hand, LK ignored her.									PTG
1300	LK	WL OT LR	WC LO ⓞⓥ	NP	S/B	V	BLG	WOD	♂	
1310	OT grooming LK.									
1314	LK grooming him Sect.									

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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KPC Behavior

Day 16 Month NOV Year 2009 KPC KJ Others TW JR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1315	LK	WL OT LR	LO WC OV	NP	S/B	V	BUG	WD	Ø	
1322	LO playing with	WC by swinging.								
1330	LK	LR WL OT	LO WC OV	NP	S/B	V	BUG	WD	Ø	
1331	OV playing with	LO by swinging.								
1339	WL approached LK	pant grunting and								PTG
	groomed him.									
1345	LK	WL OT LR	OV WC LO	NP	S/B	V	BUG	WD	Ø	
1346	LO was heard coughing.									
1356	OT grooming OV									
1400	LK	LR WL OT	WC OV LO	NP	S/B	V	BUG	WD	Ø	
1408	LK LR and NP started feeding on THV									
	WL and OT went missing.									
1415	LK	LR	LO	NP	S/B	V	THV	THV	MGB	
1420	chimps coming out of THV									
1422	Hand clasp mutual groom LK ↔ LR									HCG

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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KPC Behavior

Day 16 Month NOV Year 2009 KPC KJ Others TW JR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1423	LK grooming LR	after	hand	clasp.						
1426	mutual groom LR⇐⇒LK									
1429	LR grooming LK									
1430	LK	LR	LO	NP	AA/31				MGB	
1431	LK grooming LR									
1433	LR grooming LK									
1434	LK grooming NP									
1445	LK	LR	LO	NP	GG/34				Ø	
1453	LK and LR feeding on TRI YL.									
1500	LK	LR	LO	NP	OO/34	✓	TRI	YL	Ø	
1502	LK coming down from TRI									
1504	LK feeding on CAF YL.									
1505	LR chased NP and she fled screaming.									
1515	LK	LR	LO	NP	OO/34	✓	CAF	YL	Ø	
1525	chimps started feeding on LOW YL.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Context	Height T or G
1505	LR			3sec				NP		F	YES				Un Known	G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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KPC Behavior

Day 16 Month NOV Year 2009 KPC KI Others TW JR Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1530	LK	LR	LO	NP	OO/34	V	Low	YL	Ø	
1545	LK	LR	LO	NP	"	V	Low	YL	Ø	
1600	LK	LR	LO	NP	"	V	Low	YL	Ø	
1604	LR grooming LK									
1605	Hand clasp mutual groom LK↔LR									HCG
1606	LK grooming LR after hand clasp.									
:07	mutual groom but not hand clasp.				LR↔LK					
1608	LK grooming LR									
1610	LR grooming LK.									
1615	LK	LR	LO	NP	OO/34	V	ACA	PATH	Ø	
"	LR grooming LK									
1616	Hand clasp mutual groom LK↔LR									HCG
1619	LK feeding on Hop RF.									
1630	LK	LR	LO	NP	SV/NTJ	V	Low	YL	Ø	
1645	LK	LR	LO	NP	"	V	Low	YL	Ø	

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD / Duration	NvD	Chase	Attack 1	Attack 2	Attack 3	Victim ID	Response of Victim: No	Av	Submission	Tn	Rt	RA	Context	Height T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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KPC Behavior

Day 16 Month NOV Year 2009 KPC KJ Others TW JR Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1645	LR chased NP while barking, NP fled screaming.									
1658	LK exited into an old nest in a tree ca of about 22 cm dbh at 10 metres high and improved it by adding on more leaves									
1700	LK	LR	LO	NP	S/OO	✓	COA	RF	Ø	
09	It started drizzling.									RN
1715	LK	LR	LO	NP	S/OO	✓	COA	RF	Ø	
1730	LK	LR	LO	NP	"	✓	COA	RF	Ø	
1745	LK	LR	LO	NP	"				Ø	
1800	LK	LR	LO	NP	"				Ø	
1815	LK	LR	LO	NP	"				Ø	
1820	BS left the nesting site, LR & NP had not rested.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Context	Height T or G
1646	LR			45sec				NP		F	yes				un known	G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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