DAY 20 MONTH NOV YEAR 2009 OBS-PC KJ TMF/40 TWAG JM 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	TD	GRID	MNK	SP	PT
Estrus																																															
5:45												X											X	X																			X				
6:00												X											X	X																			X				
6:15												X											X	X																			X				
6:30												X											X	X																			X	K123		—	—
6:45												X											X	X																			X			—	—
7:00												X											X	X																			X		THV	THV
7:15												X											X	X																			X				
7:30												X											X	X																			X		BWC		
7:45												X											X	X																			X		"		
8:00												X											X	X																			X		"		
8:15												X											X	X																			X		"		
8:30												X											X	X																			X		"		
8:45												X											X	X																			X		"		
9:00												X											X	X																			X		"		
9:15												X											X	X																			X		"		
9:30												X											X	X																			X		"		
9:45												X											X	X																			X		"		
10:00												X											X	X																			X		"		
10:15												X											X	X																			X		"		
10:30												X											X	X																			X		"		
10:45												X											X	X																			X		"		
11:00												X											X	X																			X		"		
11:15												X											X	X																			X		"		
11:30												X											X	X																			X		"		
11:45												X											X	X																			X		"		
12:00												X											X	X																			X		"		
12:15												X											X	X																			X		"		
12:30												X											X	X																			X		"		
12:45												X											X	X																			X	K123	"		
	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	TD				
13:00												X											X	X																			X	L123		THV	THV
13:15												X											X	X																			X			THV	THV
13:30												X											X	X																			X			FBR	RF
13:45												X											X	X																			X				
14:00												X											X	X																			X			FBR	RF
14:15												X											X	X																			X			FBR	RF
14:30												X											X	X																			X			FBR	RF
14:45												X											X	X																			X			FBR	RF
15:00												X											X	X																			X			FBR	RF
15:15												X											X	X																			X				
15:30												X											X	X																			X				
15:45												X											X	X																			X				
16:00												X											X	X																			X			FBR	RF
16:15												X											X	X																			X			FBR	RF
16:30												X											X	X																			X			FBR	RF
16:45												X											X	X																			X				
17:00												X											X	X																			X		BLU		
17:15												X											X	X																			X		"		
17:30												X											X	X																			X		"		
17:45												X											X	X																			X		"	FBR	RF
18:00												X											X	X																			X		"	COA	RF
18:15												X											X	X																			X		"	COA	RF
18:30																																															
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Health																																															

COMMENTS

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 Behavior

Day 20 Month NOV Year 2009 KPC ~~KJ~~ Others AG TW JM Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
620	Obs arrived at the nests.									
K/23 630	TJ	TG	TT	TOTS	L/800				Ø	
645	TJ	TG	TT	TS TD	"				Ø	
652	TT coming out of the night nest.									
654	TS coming out of the night nest.									
656	TT and TJ spooling on THV making food grunts									
658	TG (TD) coming down from the night nest.									
659	TT & TG swallowing			ANG leaves.						UNF
700	TJ	TG	TT	TS TD	L/800	✓	THV	THV	Ø	
715	TJ	TG	TT	TS TD	"	✓	THV	THV	BUC	
730	TJ	TG	TT	TS TD	"	✓	THV	THV	BUC	
745	TJ	TG	TT	TS TD	"	✓	THV	THV	BUC	
800	TJ	TG	TT	TS TD	"	✓	THV	THV	BUC	
815	TJ	TG	TT	TS TD	"	✓	THV	THV	BUC	

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

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 20 Month NOV Year 2009 KPC KJ Others AG TW JM Found NL

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
820	Heard distant calls from east of the									
	location L/800, our party did not respond.									
830	TJ	TG	TT	TS TD	L/800	✓	THV	THV	BWC	
845	TJ	TG	TT	TS TD	"	✓	THV	THV	"	
900	TJ	TG	TT	TS TD	"	✓	THV	THV	"	
915	TJ	TG	TT	TS TD	"	✓	THV	THV	"	
930	TJ	TG	TT	TS TD	"	✓	THV	THV	"	
945	TJ	TG	TT	TS TD	"	✓	THV	THV	"	
1000	TJ	TG	TT	TS TD	"	✓	THV	THV	"	
1007	TJ grooming TG									
1015	TJ	TG	TT	TS TD	L/800	✓	THV	THV	"	
1030	TJ	TG	TT	TS TD	"	✓	THV	THV	"	
1041	TT grooming TG									
1042	chew	groom	TS → TT → TG							

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

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

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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?)

KPC Behavior

Day 20 Month NOV Year 2009 KPC KJ Others TW AG Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1044	TG grooming TT									
1045	TJ	TG	TT	TS TD	H/800				Bwd	
11	TT grooming TG									
1047	Hand clasp mutual groom TT↔TG									HCG
1048	TT grooming TG after hand clasp.									
1049	Chain groom TT→TG→TS									
1050	TJ grooming TG									
1055	TT grooming TG as TS grooms TJ.									
1056	TG grooming TS.									
1058	TT grooming TG									
1100	TJ	TG	TT	TS TD	H/800				Bwd	
1102	TG grooming TT									
1104	TT grooming TG									
1106	TS playing with TD by touching.									

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

AP: Adult play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **ELE**: Elephants; **FBK**: Food Bark; **HCG**: Hand-clasp groom; **HNY**: Honey
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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?)

KPC Behavior

Day 20 Month NOV Year 2009 KPC KJ Others JW AG Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1114	TT carrying TD	just	1 metre	from	TG	.				CY
1115	TJ	TG	TT	TDTS	4/800				Buc	
1122	TT playing with TS by touching.									
1130	TJ	TG	TT	TS TD	4/800				Buc	
1132	it started raining.									RN
1145	TJ	TG	TT	TS TD	4/800				Buc	
1150	it stoped drizzling.									
1200	TJ	TG	TT	TS TD	4/800				Ø	
1214	chimps started feeding on THV again									
1215	TJ	TG	TT	TS TD	4/800	✓	THV	THV	Ø	
1230	TJ	TG	TT	TS TD	"	✓	THV	THV	Ø	
1240	TT playing with TS by chasing one another along trees.									
1245	TJ	TG	TT	TS TD	4/800	✓	THV	THV	Ø	

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

AP: Adult play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **ELE**: Elephants; **FBK**: Food Bark; **HCG**: Hand-clasp groom; **HNY**: Honey
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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?)

KPC Behavior

Day 20 Month NOV Year 2009 KPC KJ Others AG TW Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1250	TG climbed up for bees and put the hand									
	into the hole but bees chased her away									
	she came down very fast and silent.									
4/23 1300	TJ	TG	TT	TDTS	K/600	✓	THV	THV	Ø	
1315	TJ	TG	TT	TDTS	"	✓	THV	THV	Ø	
1378	TG feeding on		CHT YL.							
326	chimps climbed into FBR at				1/800				and started	
	feeding on RF.									
1330	TJ	TG	TT	1S TD	J/800	✓	FBR	RF	Ø	
1331	It started drizzling again.									RN
1345	TJ	TG	TT	TSTD	J/800	✓	FBR	RF	Ø	
1353	It stopped drizzling.									
1400	TJ	TG	TT	TS TD	J/800	✓	FBR	RF	Ø	
1412	TJ coming out of FBR and crossed over									
	to FCX then fed on YL.									

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
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KPC Behavior

Day 20 Month NOV Year 2009 KPC KJ Others AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1415	KJ	TG	TT	TS TD	J/800	✓	FBR FCX	RF YL	∅	
1428	TG (TD) and TS also crossed over from FBR									
	to FCX followed by TT.									
1430	TJ	TG	TT	TD TS	J/800	✓	FCX	YL	∅	
1445	TJ	TG	TT	TD TS	"	✓	FCX	YL	∅	
1451	TJ coming down from FCX.									
500	TJ	TG	TT	TD TS	J/800	✓	FCX	YL	∅	
1505	TG grooming TT									
1508	TT grooming TG									
1510	TT grooming TD									
1515	TJ	TG	TT	TS TD	J/800				∅	
1530	TJ	TG	TT	TS TD	"				∅	
1544	TG grooming TT									
1545	TJ	TG	TT	TS TD	J/800				∅	
1546	TG & TT resumed feeding on				FCX	YL	.			

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
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KPC Behavior

Day 20 Month NOV Year 2009 KPC KJ Others AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1600	TJ	TG	TT	TD TS	J/800	V	FBR	YL	Ø	
1615	TJ	TG	TT	TS TD	"	V	FBR	YL	Ø	
1617	TG making a nest in a Diospyrus of about									
	43 cm dbh at 36 metres high.									
1623	TT crossed back to FBR and started									
	feeding on RF.									
1630	TJ	TG	TT	TS TD	J/800	V	FBR	RF	Ø	
1636	TS also crossed over to FBR, TJ on COA.									
1645	TJ	TG	TT	TS TD	J/800	V	COA FBR	RF	Ø	
1700	TJ	TG	TT	TS TD	"		COA FBR	RF	BLU	
1715	TJ	TG	TT	TS TD	"	V	COA FBR	RF	BLU	
1726	TG improving on the nest by adding on									
	more leaves.									
1730	KJ	TG	TT	TS TD	J/800	V	FBR	RF		

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

Estrous: 1=None, 2=Partial, 3=Full

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

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KPC Behavior

Day 20 Month NOV Year 2009 KPC KJ Others AG TW Found M

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1740	TS coming out of FBR.									
1745	TJ	TG	TT	TD TS	J/800	✓	FBR COA	RF	Blue	
1748	TT coming out of FBR.									
1752	TT crossed over to CAF and fed on YL.									
1800	TJ	TG	TT	TD TS	J/800	✓	COA	RF	Blue	
1808	TJ coming out of the feeding tree (Cordia).									
1815	TJ	TG	TT	TS TD	J/800	✓	COA	RF	Blue	
1816	TJ entered into an old nest in UVA of									
	about 20 cm dbh at 10 metres high and									
	improved it by adding on more leaves.									
1820	Obs leaving the nesting 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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PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)