DAY 12th MONTH Nov YEAR 09 OBS-PC SM TMF/40 1cTWJM 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																																			XX					X		K/24	None	—	—
6:30																																			XX							"	"	—	—
6:45																																			XX							L/25	M9B	—	—
7:00																																			XX								"	FEX	RF
7:15																																			XX	XX							"		
7:30																																			XX	XX							X		
7:45																																			XX	XX							X		
8:00																																			XX	XX							X		
8:15																																			XX	XX							X		
8:30																																			XX	XX							X		
8:45																																			XX	XX							X	FEX	RF
9:00																																			XX	XX							X	—	—
9:15																																			XX	XX							X	—	—
9:30																																			XX	XX							X	—	—
9:45																																			XX	XX							X	—	—
10:00																																			XX	XX							X	—	—
10:15																																			XX	XX							X	—	—
10:30																																			XX	XX							X	—	—
10:45																																			XX	XX							X	FEX	RF
11:00																																			XX	XX							X	"	"
11:15																																			XX	XX							X	"	"
11:30																																			XX	XX							None	NEO	WD
11:45																																			XX	XX								"	"
12:00																																			XX	XX								"	"
12:15																																			XX	XX								CHT	YL
12:30																																			XX	XX								"	"
12:45																																			XX	XX							L/25	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																																			XX	XX							L/25	None	CHT	YL
13:15																																			XX	XX									"	"
13:30																																			XX	XX									"	"
13:45																																			XX	XX									CHT	BK
14:00																																			XX	XX									"	"
14:15																																			XX	XX									"	"
14:30																																			XX	XX							L/25		THV	THV
14:45																																			XX	XX							M/24		CAF	YL
15:00																																			XX	XX									"	"
15:15																																			XX	XX									"	"
15:30																																			XX	XX									—	—
15:45																																			XX	XX									MDR	RF
16:00																																			XX	XX										
16:15																																			XX	XX										
16:30																																			XX	XX							N/24	None	MDR	RF
16:45																																			XX	XX							O/25	BWC	FEX	YL
17:00																																			XX	XX										
17:15																																			XX	XX										
17:30																																			XX	XX										
17:45																																			XX	XX										
18:00																																			XX	XX							O/25	BWC	FEX	YL
18:15																																														
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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 M9B Blu and RDT from 730 — 1115.

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

WL(1) GT(1)

KPC Behavior

Day 12th Month Nov Year 09 KPC SM Others IC TW JM Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
613	OBS arrived at		the nest Site							
615		WL	WC	NP	H/1000				Ø	
625	WL (WC)	leaving	aright nest							
627	WL (WC)	climbed	down on	ground and						
	started	moving	left	NP behind						
630		WL	WC		F/1100				Ø	
645		WC	WC		M/27				MGB	
647	WL (WC)	climbed	into FEX tree		silent and					
	started	feeding	on ripe	fruits						
700		WL	WC		M/27	✓	FEX	RF	MGB	
711	GT GV	joined	WL WC	and	GT	made				PTS
	pant grunts		WL also	responded	with					
	pant grunts									
715		WL GT	WC GV		M/27	✓	FEX	RF	MGB	
730		WL GT	WC GV		u	✓	u	u	MGB RW RDT	

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 12th Month NOV Year 09 KPC SM Others — Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
745		WL QT	WC QN		M/27	✓	FEX	RF	MgB BW RDT	
800		WL QT	WC QN		"	✓	"	"	"	
815		WL QT	WC QN		"	✓	"	"	"	
826	WL (WC) leaving the feeding tree and									
	building a day nest tree = Dosp HT = 27M									
830		WL QT	WC QN		M/27	✓	FEX	RF	MgB BW RDT	
843	QT leaving the feeding tree she approach									PTG
	pant grunting to WL and groomed her									
845		WL QT	WC QN		M/27				MgB BW RDT	
848	WC playing with QV by swigging and patting each									
	other									
849	WL grooming QT									
851	QT grooming WL									
854	QT entered into old nest and improving it									
	tree = Dosp HT = 27m									

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 12th Month NOV Year 09 KPC SM Others — Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
900		WL GT	WC GV		M/27				MGB BLU RDT	
915		WL GT	WC GV		〃				〃	
930		WL GT	WC GV		〃				〃	
945		WL GT	WC GV		〃				〃	
1000		WL GT	WC GV		〃				〃	
1010	GT leaving a day nest									
1015		WL GT	WC GV		M/27				MGB BLU RDT	
1018	GT grooming GV									
1027	WL (WC) leaving a day nest									
1030		WL GT	WC GV		M/27				MGB BLU RDT	
1031	WL (WC) entered in to FEX tree and start feeding									
1045		WL GT	WC GV		M/27	✓	FEX	RF	MGB BLU RDT	
1100		WL GT	WC GV		〃	✓	〃	〃	〃	
1115		WL GT	WC GV		〃	✓	〃	〃	〃	

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

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 12th Month Nov Year 09 KPC SM Others — Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1122	chimps	climbed down on ground								and
	Moving									
1129	WL and GT	feeding on NEO wood								
1130		WL GT	WC GV		M/26	✓	NEO	WD	Ø	
1145		WL GT	WC GV		"	✓	"	"	Ø	
1200		WL GT	WC GV		"	✓	"	"	Ø	
1200	WL and GT	made screams and wear bar								
	ks then WL made attack ① to GT with									
	kicks and slaps. GT retaliate by exchang									
	ing slaps with WL. then WL chased GT									
	who fled screaming									
1206	Chimps climbed into CHT and start									
	feeding on young leaves silent									
1215		WL GT	WC GV		O/25	✓	CHT	YL	Ø	
1221	it started raining									RN

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
1200	WL			3sec	✓			GT		F	Scream		✓		Unknown	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 12th Month NOV. Year 09 KPC SM Others — Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1230		WL Qt	WC QN		0/25	✓	CHT	JL	Ø	
1245		WL Qt	WC QN		"	✓	"	"	Ø	
1300		WL Qt	WC QN		"	✓	"	"	Ø	
1315		WL Qt	WC QN		"	✓	"	"	Ø	
1330		WL Qt	WC QN		"	✓	"	"	Ø	
1335	WL feeding on CHT bark									
1345		WL Qt	WC QN		0/25	✓	CHT	BK	Ø	
1348	WC Qt QN also feeding on CHT bark									
1400		WL Qt	WC QN		0/25	✓	CHT	BK	Ø	
1415		WL Qt	WC QN		"	✓	"	"	Ø	
1418	it stoped raining									
1422	chimbed climbed down and moving on ground									
1427	Chimps started feeding on THV in adense vegetation									

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?)

LR (1)

KPC Behavior

DAY 12th MONTH NOV YEAR 09 OBSERVER SM Found: C FT FFT (N) Other____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1430		WL BT	WC BV		0/23	✓	THV	THV	Ø	
1442	Chimps climbed into CAF tree making food									FBK
	barks and start feeding on young leaves									
1445		WL BT	WC BV		0/19	✓	CAF	YL	Ø	
1500		WL BT	WC BV		"	✓	"	"	Ø	
1515		WL BT	WC BV		"	✓	"	"	Ø	
1522	Chimps leaving the feeding tree and									
1530		WL BT	WC BV		0/14				Ø	
1539	Chimps climbed into MDR tree silent and									
	started feeding on ripe fruits									
1545		WL BT	WC BV		W/10	✓	MDR	RF	Ø	
1600		WL BT	WC BV		"	✓	"	"	Ø	
1615		WL BT	WC BV		"	✓	"	"	Ø	
1630		WL BT	WC BV		"	✓	"	"	Ø	
1632	Chimps leaving the feeding tree and									
	Moving on ground									
1644	WL WC BT BV did not see other IDs in									
	FEX tree feeding on young leaves all									
	they made pant barks and pant hoots									
1645	PB	WL WC BT BV	LO WC BV	NP	0/3	✓	FEX	YL	BWC	

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **FBK:** Food bark; **HCG:** Hand-clasp groom; **HNY:** Honey; **IGI:** Intergroup interaction; **LF:** Leaf use; **MAT:** Attacked by monkeys; **PIG:** Pigs; **PRED:** Predation; **PTG:** Pant-grunt; **RN:** Rain; **RD:** Rain display; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events

KPC Behavior

DAY 12th MONTH NOV YEAR 09 OBSERVER SM IC JM Found: C FT FFT (N) Other____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1651	QT made war barks and chased								NP	
	who fled screaming									
1700	PB	WL LR QT	LO WC BV	NP	G/3	✓	FEX	YL	Bwc	
1700	LR (LO) seen already in a night nest									
	tree = UVA HT = 20m			Dbh = 25m						
1703	PB building a night nest				tree = UVA					
	HT = 12m									
1715	PB	LR WL QT	LO WC BV	NP	G/3	✓	FEX	YL	Bwc	
1729	NP build a night nest, tree = Boscp				HT = 22m					
	Dbh = 45cm									
1730	PB	LR WL QT	LO WC BV	NP	G/3	✓	FEX	YL	Bwc	
1739	WL (WC) entered into old nest and									
	Improving it tree = UVA				HT = 14m A				Dbh = 16cm	
1745	PB	LR WL QT	LO WC BV	NP	G/3	✓	FEX	YL	Bwc	
1802	PB	LR WL QT	LO BV WC	NP	"	✓	"	"	"	
1802	OBS leaving the nest site									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **FBK:** Food bark; **HCG:** Hand-clasp groom; **HNY:** Honey; **IGI:** Intergroup interaction; **LF:** Leaf use; **MAT:** Attacked by monkeys; **PIG:** Pigs; **PRED:** Predation; **PTG:** Pant-grunt; **RN:** Rain; **RD:** Rain display; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events

1701 PB leaving the feeding tree and moving