DAY 12th MONTH FEB YEAR 09 OBS-PC SM TMF/40 Imk (visitors). FMTWJMRMSK HOW FOUND N

	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	JK	HH	LS	NP	EU	GRID	MNK	SP	PT
5:45																																														
6:00																																														
6:15																																														
6:30																																														
6:45																																														
7:00																																														
7:15																																														
7:30									X		X																		X	X	X												J/22	None	—	—
7:45						X			X		X																		X	X	X												J/21	RDT	FCP	RF
8:00						X			X		X																		X	X	X															
8:15						X			X		X																		X	X	X															
8:30						X			X		X																		X	X	X															
8:45						X			X		X																		X	X	X															
9:00						X			X		X																		X	X	X															
9:15						X			X		X																		X	X	X															
9:30						X			X		X																		X	X	X															
9:45						X			X		X																		X	X	X															
10:00						X			X		X																		X	X	X															
10:15						X			X		X																		X	X	X															
10:30						X			X		X																		X	X	X															
10:45						X			X		X																		X	X	X															
11:00						X			X		X																		X	X	X															
11:15						X			X		X																		X	X	X															
11:30						X			X		X																		X	X	X															
11:45						X			X		X																		X	X	X															
12:00						X			X		X																		X	X	X															
12:15						X			X		X																		X	X	X															
12:30						X			X		X																		X	X	X															
12:45						X			X																				X	X	X															
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	JK	HH	LS	NP	EU	GRID	MNK	SP	PT
13:00						X			X																				X	X	X												J/22	None	—	—
13:15						X			X																				X	X	X												"		THV	
13:30						X			X																				X	X	X												K/22			
13:45						X			X																				X	X	X													None		
14:00						X			X																				X	X	X													*		
14:15						X			X																				X	X	X													*		
14:30						X			X																				X	X	X													*		
14:45						X			X																				X	X	X													*		
15:00						X			X																				X	X	X													None	THV	
15:15						X			X																				X	X	X														—	—
15:30						X			X																				X	X	X														—	—
15:45						X			X																				X	X	X												K/22		—	—
16:00						X			X																				X	X	X												L/23		THV	
16:15						X			X																				X	X	X															
16:30						X			X																				X	X	X															
16:45						X			X																				X	X	X															
17:00						X			X																				X	X	X												L/23			
17:15						X			X																				X	X	X												L/24		THV	
17:30						X			X																				X	X	X												"		—	—
17:45						X			X																				X	X	X												M/24		—	—
18:00						X			X																				X	X	X												"			
18:15						X			X																				X	X	X												M/25	None	—	—
18:30						X			X																				X	X	X													RDC	THV	
18:45						X			X																				X	X	X													None	"	
19:00						X			X																				X	X	X														"	
19:15						X			X																				X	X	X												M/25		—	—
19:30																																											N/25	None	—	—
19:45																																													
20:00																																													
20:15																																													
20:30																																													
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	JK	HH	LS	NP	EU	GRID	MNK	SP	PT
Health	1					1			1		1																		1	1	1															

COMMENTS Bwc Rdc from 1400 – 1445.

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

Ah (1) JM RM SK JMK (Visitors)

DAY 12th MONTH FEB YEAR 09 OBSERVER SM FM IW 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
724	Obs arrived at the nest site									
726	Pg leaving aright nest									
727	AT leaving aright nest									
729	AL leaving aright nest then all chimps climbed down on ground and moving									
730	Pg PB	AL	AT AZ		800 Isule				0	
733	chimps climbed in to FCP tree and started feeding on ripe fruits									
734	MS joined the party he made non vocal displays and ground slapping. Others made pant barks									
734	MS climbed into a feeding tree PB approach grunting to MS he ignored									PTG pant
745	MS Pg PB	AL	AT AZ		Bug Swamp	✓	FCP	RF	RST	
800	MS Pg PB	AL	AT AZ		"	✓	"	"	"	
804	Pg Made non vocal displays as he left the tree reach on ground dragging a stick but no one responded.									
805	Pg made non vocal displays but no one responded.									

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 FEB YEAR 09 OBSERVER SM FM TW JM RM SK JMK (Visitors) 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
807	PG Made non vocal displays and stapping the									
	ground no one responded									
808	PG made non vocal displays no one responded									
809	PG climbed again into a tree									
810	PG made non vocal displays and stapping									
	the branch AZ avoid casual silent									
814	PG made non vocal displays towards MS who fled									
	silent at same time PG approached MS then									
	PG groomed MS									
815	MS PG PB	AL	AT AZ		Bug Swamp	✓	FCP	RF	RBT	
819	MS grooming PG									
826	PG grooming MS									
829	MS grooming PG									
830	MS PG PB	AL	AT AZ		Bug Swamp	✓	FCP	RF	RBT	
832	Hand clasp mutual groom				PG <-> MS					HCG
833	PG grooming MS after hand clasp									
835	AL grooming AZ									
838	MS grooming himself and PG grooming himself									
845	MS PG PB	AL	AT AZ		Bug Swamp	✓	FCP	RF	RBT	
848	AT grooming himself									

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 FEB YEAR 09 OBSERVER TWJMRMSKJMK (visitors) SMFMKJ 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
857	AL grooming AZ									
900	MS PG PB	AL	AT AZ		Bug Swamp	✓	Fcp	RF	Ø	
903	PB leaving the feeding tree									
907	PG grooming MS									
908	PB climbed into CAF tree and started feeding on young leaves									
915	MS PG PB	AL	AT AZ		Bug Swamp	✓	Fcp CAF	RF YL	Ø	
930	MS PG PB	AL	AT AZ		"	✓	"	"	Ø	
945	MS PG PB	AL	AT AZ		"	✓	"	"	Ø	
946	Chimps leaving the feeding tree to ground then moving									
951	PG made non vocal displays AL and AT fled Pant barking									
952	MS groomed PG Shortly									
953	PG made vocal displays and buttress bangs AT and AL fled Pant barking climbing up trees									
954	Chimps climbed into FEX tree and started feeding on young leaves									
955	PB approach pant grunting to MS he chased him PB fled screaming high up in a tree									PTG
1000	MS PG PB	AL	AT AZ		800 Isule	✓	FEX	YL	Ø	

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 FEB YEAR 09 OBSERVER TWJJMRMSKJMK (Visitors) SMFMK Found: C FT FFT N Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1015	MS PG PB	AL	AT AZ		800 Isule	✓	FEX	YL	Ø	
1024	PB entered into old nest and rest				tree					=Mestrozylon
	HT = 8m									
1030	MS PG PB	AL	AT AZ		800 Isule	✓	FEX	YL	Ø	
1041	PB leaving the nest									
1042	Chimps climbed down on ground then moving									
1044	PB feeding on red soil from roots of a fallen tree									
1045	MS PG PB	AL	AT AZ		Bng 800				Ø	
1048	MS grooming AL									
1050	PG made non vocal displays MS avoid casual									
	silent. AL fled pant barking. climb a tree									
1053	PG made non vocal displays AL avoid casual									
	pant barking									
1055	MS grooming PG									
1057	PG grooming MS									
1057	Hand clasp Mutual groom				PG ↔		MS			HCG
1059	AZ grooming AL and AT grooming PB									
1100	MS PG PB	AL	AT AZ		800 Bng				Ø	
1100	MS. grooming PG after hand clasp and				AL grooming AT					
1101	Hand clasp mutual groom				AL ↔		AT			HCG

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

TWJMRMSKJMK (visitors)

DAY 12th MONTH FEB YEAR 09 OBSERVER SMFMKJ Found: C FT FFT N Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1102	PG grooming MS and AL groomed					AT	after hand clasp			
1107	Mutual groom MS <-> PG									
1108	PG grooming MS after mutual									
1109	MS grooming PG									
1114	PG grooming MS									
1115	MS PG PB	AL	AT AZ		SOD Bug				Ø	
1118	Hand clasp mutual groom				PG <-> MS					Hcg
1119	PG groomed MS after hand clasp									
1121	MS grooming PG									
1123	PG grooming MS									
1126	MS grooming PG									
1129	Hand clasp mutual groom				PG <-> MS					Hcg
1130	MS PG PB	AL	AT AZ		SOD Bug				Ø	
1130	Mutual groom after hand Clasp				MS <-> PG					
1131	MS grooming PG after mutual									
1132	PG grooming MS									
1140	Hand clasp Mutual groom				PG <-> MS					Hcg
1142	Mutual groom. after hand clasp				PG <-> MS					
1143	MS grooming PG after Mutual									
1145	MS PG PB	AL	AT AZ		SOD Bug				Ø	

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 FEB YEAR 09 OBSERVER SM FMKJ TWJM RM JMK SK (visitors) 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
1151	MS grooming aleaf for 1 minute at sametime									TLU
	Pg grooming him before and after									
1153	Chimps entered into THV and started feeding									
	In adense vegetation.									
1158	Pg made vocal displays Others made wraars									
1200	MS PG PB	AL	AT AZ		BOD Bug	✓	THV		Ø	
215	MS PG PB	AL	AT AZ		"	✓	"		Ø	
1230	MS PG PB	AL	AT AZ		"	✓	"		Ø	
1236	MS and PG leaving THV and started moving others									
	Remained behind									
1237	MS and PG feeding TRI young leaves									
1245	MS PG				BOD Bug	✓	TRI	YL	Ø	
1247	PG grooming himself									
1249	PG grooming MS									
1249	PG grooming aleaf for 10sec he groomed MS before									TLU
	and after.									
1252	MS grooming PG									
1252	Hand clasp mutual groom PG <-> MS									HCG
1253	MS groomed PG after hand clasp									
1254	PG grooming MS									

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 FEB YEAR 09 OBSERVER SK JMK (visitors) SMFMKJ 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
1300	MS PG				800/Bug				Ø	
1300	Hand clasp Mutual groom			MS	<->		PG			HCG
1303	MS grooming PG									
1305	MS grooming him self.									
1308	MS eating red soil from the roots of a									
	fallen tree.									
:09	PG also eating soil from the same place.									
1310	MS and PG started eating ACA pith.									
1315	MS PG				800/Bug	✓	THV		Ø	
1330	MS PG				L/800	✓	"		Ø	
1345	MS PG				"	✓	"		Ø	
1400	MS PG				L/500	✓	"		RWC RDC	
1415	MS PG				"	✓	"		"	
1430	MS PG				"	✓	"		"	
1445	MS PG				"	✓	"		"	
1500	MS PG				"	✓	"		Ø	
1515	MS PG				"				Ø	
1524	PG grooming MS									
1530	MS PG				L/500				Ø	
1535	MS grooming PG									

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 FEB YEAR 09 OBSERVER SMKJ Found: C FT FFT (N) Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1533	Pg grooming MS									
1539	MS grooming Pg									
1545	pgms				L/500				Ø	
1547	Pg grooming MS									
1600	pg ms				600/800	✓	THV		Ø	
1615	pgms				"	✓	"		Ø	
1630	pgms				"	✓	"		Ø	
1645	pgms				"	✓	"		Ø	
1650	Chimps leaving THV and started moving									
1651	Pg feeding on Black soil from elephant foot prints									
1700	pg ms				K/700				Ø	
1708	Pg made vocal displays and stapping the ground									
	MS joined him making vocal displays avoiding									
	flee. Pg as he continued displaying									
715	pg ms				600/MFP	✓	THV		Ø	
1718	Pg grooming him self									
1730	pgms				MFP/crd				Ø	
1731	MS grooming him Self and Pg grooming him self									
1738	MS feeding on TRI young leaves									
1744	Pg made vocal displays and MS joined him making vocal displays buttress bungs and Stapping the ground.									

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 FEB YEAR 09 OBSERVER SMKJ Found: C FT FFT (N) Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1745	pg MS				N/16				Ø	
1747	pg made vocal displays and				MS	joined	him	with		
	vocal displays									
1749	Pg made vocal displays and				MS	joined	him			
	with vocal displays									
1800	pg MS				S/16				Ø	
1811	Pg approached MS then			MS made	Soft	Screams				
	extending hand touch on pg				he	ignored				
1815	pg MS				X/17	✓	THV		RDC	
1830	pg MS				n	✓	n		Ø	
1845	pg MS				n	✓	n		Ø	
1900	pg MS				11				Ø	
1903	Pg Made vocal displays			and	MS	joined	him			
	making vocal displays									
1909	MS build a night nest and				rest	tree =	MMS			
	HT = 9m DBH = 14cm									
1910	Pg build a night nest and				rest-	tree =	UV A			
	HT = 10m DBH = 15cm									
1915	pg MS				C/19				Ø	
1916	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