DAY 12th MONTH March YEAR 09 OBS-PC SM TMF/40 KT Fm RM HOW FOUND Chance

	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	INF	GRID	MNK	SP	PT
5:45																																															
6:00																																															
6:15																																															
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7:30																																															
7:45																																															
8:00																																															
8:15																														X	X													M/26	None	FCP	RF
8:30																														X	X																
8:45																														X	X																
9:00																														X	X																
9:15												X																		X	X														None		
9:30												X																		X	X																
9:45												X																		X	X														BAB		
10:00												X																X	X	X	X																
10:15												X																X	X	X	X																
10:30							X					X							X	X	X	X						X	X	X	X																
10:45							X					X							X	X	X	X						X	X	X	X					X	X	X									
11:00							X					X							X	X	X	X						X	X	X	X					X	X	X									
11:15							X					X							X	X	X	X						X	X	X	X					X	X	X									
11:30							X					X							X	X	X	X						X	X	X	X					X	X	X						BAB		
11:45							X					X							X	X	X	X						X	X	X	X					X	X	X									
12:00							X					X							X	X	X	X						X	X	X	X					X	X	X									
12:15							X					X							X	X	X	X						X	X	X	X					X	X	X									
12:30							X					X							X	X	X	X						X	X	X	X					X	X	X									
12:45							X					X							X	X	X	X						X	X	X	X					X	X	X						M/26			
	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	INF	GRID	MNK	SP	PT
13:00							X					X							X	X	X	X						X	X	X	X					X	X	X						M/26			
13:15							X					X							X	X	X	X						X	X	X	X					X	X	X							BAB		
13:30							X					X							X	X	X	X						X	X	X	X					X	X	X									
13:45							X					X							X	X	X	X						X	X	X	X					X	X	X									
14:00							X					X							X	X	X	X						X	X	X	X					X	X	X									
14:15							X					X							X	X	X	X						X	X	X	X					X	X	X									
14:30							X					X							X	X	X	X						X	X	X	X					X	X	X							THV		
14:45							X					X							X	X	X	X						X	X	X	X					X	X	X							"		
15:00							X					X							X	X	X	X						X	X	X	X					X	X	X							FCP	RF	
15:15							X					X																X	X	X	X																
15:30							X					X																X	X	X	X																
15:45							X					X																X	X	X	X																
16:00							X					X																			X	X			X	X	X									
16:15							X					X																			X	X			X	X	X									
16:30																																			X	X	X									
16:45																																			X	X	X						M/26	BAB	FCP	RF
17:00																																			X	X	X						M/25			
17:15																																			X	X	X						"	None		
17:30																																			X	X	X						N/25	RDT	FBR	RF
17:45												X																							X	X	X									
18:00												X																							X	X	X									
18:15												X																							X	X	X									
18:30												X																							X	X	X						N/25	None		
18:45																																															
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Health																																															

COMMENTS BAB and MgB from 1145–1300, MgB, RDC 1700, RDT, MgB 1745—1815.

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

LR (1) AL (1) **KPC Behavior**

DAY 12th MONTH March YEAR 09 OBSERVER RM SM KJ FM Found: C FT FFT N Other chance

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (include estrous)	JMM (Juveniles and Infants)	JFF						
808	OBS found LR LO by chance while moving									
	on ground at B/23									
811	LR (LO) climbed into FCP tree and started									
	feeding on ripe fruits									
815		LR	LO		B/27	✓	FCP	RF	Ø	
830		LR	LO		"	✓	"	"	Ø	
844	LR grooming LO									
845		LR	LO		B/27	✓	FCP	RF	Ø	
900		LR	LO		"	✓	"	"	Ø	
912	TJ joined LR and LO and LR made									PTG pant
	grunts									
915	TJ	LR	LO		B/27	✓	FCP	RF	Ø	
930	TJ	LR	LO		"	✓	"	"	Ø	
945	TJ	LR	LO		"	✓	"	"	BAB	
956	AL AT AZ joined the party they made pant									
	barks others didn't reppond.									
959	AL approach pant grunting to TJ and she									PTG
	extended hand to him TJ smell on it again									
	AL presented to TJ he Inspected her by touch									
	on estrous									

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

QT (1) WL (1) OL (1) **KPC Behavior** OT (1)

DAY 12th MONTH March YEAR 09 OBSERVER RM SM KJ EM Found: C FT FFT N Other Chance

Time	Party Composition: AMM	AFF (include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1000	TJ	LR AL	LO AT AZ		B/27	✓	FCP	RF	BAB	
1003	Heard distant calls from west of K 14 this party responded with pant hoots									
1015	TJ	LR AL	LO AT AZ		B/27	✓	FCP	RF	BAB	
1017	AT made non vocal displays against AZ at sametime AT made attack (1) to AZ with a slap AZ avoid casual screaming									
1017	Heard distant calls from K-14 this party responded with pant hoots									
1024	KK and OL with her family joined the party KK made vocal displays and buttress bungs. Others made pant hoots									
1030	KK TJ	LR AL OL	OG AZ AT LO	OT OM	B/27	✓	FCP	RF	BAB	
1032	QT & V WL WC joined the party making pant barks Others did n't respond									
1037	TJ chassed QT who avoid casual screaming again She presented to him TJ Inspected her by touch on estrous									
1045	KK TJ	AL OL LR OT WL	OG AV WC AT LO	INF OT OM	B/27	✓	FCP	RF	BAB	
1051	QT made screams and pant barks chassed AL who fled Silent then QT extended hand to TJ he ignored again QT continue chassing AL who fled screaming approached TJ and Sat close to him Others didn't respond.									

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 March YEAR 09 OBSERVER IWRM SMKJEm Found: C FT FFT N Other Chance

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1100	KK TJ	OU AT LR WL BT	BV AT AZ LO WC 09	INF OM OT	B/27	✓	FCP	RF	BAB	
1104	AT made attack ① to Om with Slaps and Om									
	Screamed and retaliate by exchaging slaps with									
	AT while Om making Screams and waars and									
	Ou made waar barks									
1105	Ou build a day nest and rest tree = CBU									HI
	= 14m									
1108	09 build a day nest and rest tree = CBU									HI
	= 15m									
1114	LR Made Screams and made arm threat to AL like									
	wise AL made made Screams and arm									
	threat to LR but AL avoid casual Screaming									
	and KK Came in between them all stoped									
	Screaming at Sametime AL extended hand									
	to LR she Ignored.									
1115	KK TJ	BT LR WL AL OU	BV AT AZ 09 LO WC	INF OM OT	B/27	✓	FCP	RF	BAB	
1130	KK TJ	BT LR WL AL OU	BV AT AZ 09 LO WC	INF OM OT	n	✓	"	"	"	
1132	KK chassed AT he fled Pant barking									
1138	AT grooming KK									
1140	09 leaving the nest.									

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 March YEAR 09 OBSERVER SM KT FM JW RM Found: C FT FFT N Other chance

Time	Party Composition: AMM	AFF (include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1142	AL build a day nest and rest				tree	=	CAF			HT
	24 m									
1145	KK TJ	AL LR WL GT OU	LO AZ AT WC GV OG	INF OT OM	B/27	✓	FCP	RF	BAB MGB	
1149	QT approach Pant grunting to				KK	and	She			PTG groomed
	him									
1158	QT QT OG WL we LR LO leaving				the	feeding	tree			
	and rest on ground.									
1200	KK TJ	AL LR WL GT OU	LO AZ AT WC OG	INF OT OM	B/27	✓	FCP	RF	BAB MGB	
1215	KK TJ	AL LR WL GT OU	LO AZ AT WC OG	INF OT OM	"	✓	"	"	"	
1218	TJ leaving the feeding tree									
1228	OU (INF) leaving nest and				entered	a	feeding	tree		
1230	KK TJ	AL LR WL GT OU	LO AZ AT WC OG	INF OT OM	B/27	✓	FCP	RF	BAB MGB	
1239	KK leaving the feeding tree									
1241	TJ approach Pant grunting to				KK	and	groomed			PTG
	him									
1245	KK TJ	AL OU LR GT WL	LO AZ AT WC OG	INF OT OM	B/27	✓	FCP	RF	BAB MGB	
1246	AT leaving the feeding tree									
1257	Chimps all leaving the feeding				and	started				
	Moving on ground.									
1300	KK TJ	AL OU LR GT WL	LO AZ AT WC OG	INF OT OM	B/27				BAB MGB	

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

1229 AL leaving the nest

KPC Behavior

DAY 12th MONTH March YEAR 09 OBSERVER RM SM KJ TW Found: C FT FFT N Other Chance

Time	Party Composition: AMM	AFF (include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1300	AL grooming AT									
1301	Chain groom OM → OU → OT									
1304	OT grooming OU									
1305	OM and OT both grooming OU									
1307	OT grooming OM									
1315	KK TJ	AL LR WL BT OU	09 AT AZ WC GV LO	INF OM OT	B1/27				BAB	
1330	KK TJ	AL LR WL BT OU	09 AT AZ WC GV LO	INF OM OT	11				11	
1345	KK TJ	AL LR WL BT OU	09 AT AL WC GV LO	INF OM OT	11				11	
1400	KK TJ	AL LR WL BT OU	09 AT AZ WC GV LO	INF OM OT	11				11	
1403	OT playing with OM by wrestling and tickling each									
	Other on ground									
1407	OM grooming OU									
1410	AT 09 and OT playing together by chasing and									
	patting each other in climbers.									
1413	09 groomed OT shortly									
1415	KK TJ	AL BT WL LR OU	09 AT AZ WC GV LO	INF OM OT	B/28				BAB	
1420	Chimps entered into THV and				Started		feeding in			
	a dense vegetation									
1430	KK TJ	AL BT WL LR OU	09 AT AZ WC GV LO	INF OM OT	B/28	✓	THV		BAB	
1445	KK TJ	AL BT WL LR OU	09 AT AZ WC GT LO	INF OM OT	11	✓	11		11	

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 March YEAR 09 OBSERVER RM SM KJ JW Found: C FT FFT N Other Chance

Time	Party Composition: AMM	AFF (include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1454	TJ and KK Climbed into FCP tree and Started feeding									
1456	OU grooming her Infant									
1459	LR grooming LO									
1500	KK TJ	LR OU AM WL QT	LO AZ GV AW 89	INF OM OT	B/27	✓	FCP THV	RF	BAB	
1504	LR grooming LO									
1511	LR (LO) joined TJ and KK in FCP tree and									
	Other Individuals remained behind in THV.									
1519	KK TJ	LR	LO		B/27	✓	FCP	RF	BAB	
1530	KK TJ	LR	LO		"	✓	"	"	"	
1539	KK leaving the feeding tree									
1544	TJ leaving the feeding tree									
1549	KK TJ	LR	LO		B/27	✓	FCP	RF	BAB	
1555	LR (LO) leaving the feeding tree and reach on									
	ground then moving									
1558	QT GV WL WC joined the party but no calls									
	made									
1559	LR climbed for Bee honey She put her									HNY
	hand into ahole of a tree and picked a Bee comb									
	which had honey and Bee's Chassed her then									
	ran with it to a dense vegetation She Started feeding									

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 March YEAR 09 OBSERVER KM SM KJW Found: C FT FFT N Other Chance

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1559	WL and QT climbed into FCP tree and started									
	feeding									
1600	KK TJ	LR QT WL	LO WC QV		B/27	✓	FCP HNY	RF	BAB	
1615	KK TJ	LR QT WL	LO WC QV		"	✓	FCP	RF	"	
1620	KK LR (LO) and TJ	moved	away		left	the	party			
1630		WL QT	WC QV		B/27	✓	FCP	RF	BAB	
1645		WL QT	WC QV		"	✓	"	"	"	
1649	Chimps leaving	the feeding	tree	reach	on	ground				
	then Moving									
1654	WL feeding on	Brown	soil	from	the					hole
1700		WL QT	WC QV		B/21				MGB RDC	
1715		WL QT	WC QV		C/17				∅	
1721	WL made vocal	displays and	buttress	bangs						
	QT didn't respond									
1722	Chimps made	pant hoots and	climbed	into						
	FBR tree and	started	feeding	on	ripe	fruits				
1730		WL QT	WC QV		8/krd	✓	FBR	RF	RDT	
1734	TJ joined the	party and	QT WL	made	pant					
	barks									
1745	TJ	WL QT	WC QV		8/krd	✓	FBR	RF	RDT MGB	

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 March YEAR 09 OBSERVER RN SMKJTW Found: C FT FFT N Other chance

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1800	TJ	WL GT	WC GV		S/Rd	✓	FBR	RF	RDT MgB	
1815	TJ	WL GT	WC GV		"		"	"	"	
1816	Chimps leaving the feeding tree and started									
	moving on ground									
1822	WL build a night nest and rest tree = UVA									
	Ht = 14m Dbh = 18cm									
1830	TJ	WL GT	WC GV		E/Q				Ø	
1832	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