DAY 01 st MONTH April YEAR 09 OBS-PC SM TMF/40 SJ TW HOW FOUND N

	Estrus	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																																															
6:30																																															
6:45																																															
7:00																																X	X			X	X					X			N/25	None	—	—
7:15																																X	X			X	X					X				MGB	FEX	RF
7:30																																X	X			X	X					X					〃	〃
7:45																																X	X			X	X					X					FBR	RF
8:00																																X	X			X	X					X					〃	〃
8:15																																X	X			X	X					X			N/25		—	—
8:30																																X	X			X	X					X			N/26		MMS	RF
8:45																																X	X			X	X					X				MGB		
9:00																																X	X			X	X					X				None		
9:15																																X	X			X	X					X				RDT		
9:30																																X	X			X	X					X					MMS	RF
9:45																																X	X			X	X					X					—	—
10:00																																X	X			X	X					X					—	—
10:15																																X	X			X	X					X					MMS	RF
10:30																																X	X			X	X					X					〃	〃
10:45																																X	X			X	X					X					〃	〃
11:00																																X	X			X	X					X				RDT	—	—
11:15																																X	X			X	X					X				RDT	—	—
11:30																																X	X			X	X					X				None	FCP	RF
11:45																																X	X			X	X					X					〃	〃
12:00																																X	X			X	X					X					—	—
12:15																																X	X			X	X					X					CAF	YL
12:30																																X	X			X	X					X			N/26		THV	
12:45																																X	X			X	X					X			0/25	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																																X	X			X	X					X			0/25		—	—
13:15																																X	X			X	X					X				None	ANI	RF
13:30																																X	X			X	X					X					〃	〃
13:45																																X	X			X	X					X					〃	〃
14:00																																X	X			X	X					X					—	—
14:15																																X	X			X	X					X					ANI	RF
14:30																																X	X			X	X					X					〃	〃
14:45																																X	X			X	X					X			0/25		—	—
15:00								X	X				X																			X	X			X	X					X			P/24	None	—	—
15:15								X	X				X																			X	X			X	X					X				BAB	—	—
15:30																																X	X			X	X					X				〃	—	—
15:45																																X	X			X	X					X				None	MMS	RF
16:00																																X	X			X	X					X					〃	〃
16:15																																X	X			X	X					X			P/24		〃	〃
16:30																																X	X			X	X					X			0/25		—	—
16:45								X	X				X																			X	X			X	X					X			〃		—	—
17:00	X							X	X				X																			X	X			X	X					X			N/25		FBR	RF
17:15	X							X	X				X																			X	X			X	X					X					〃	〃
17:30	X							X	X				X																			X	X			X	X					X					〃	〃
17:45	X							X	X	X			X																			X	X			X	X	X	X			X					—	—
18:00	X							X	X																							X	X			X	X	X	X			X			N/25		—	—
18:15	X							X	X																							X	X			X	X	X	X			X			N/26		FEX	RF
18:30	X							X	X																							X	X			X	X	X	X			X			〃	None	〃	〃
18:45																																															
19:00																																															
19:15																																															
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19:45																																															
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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 —

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 01st MONTH April YEAR 09 OBSERVER SM SJ JW Found: C FT FFT (N) Other _____ LR (1) WL (1)

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
659	OBS arrived at the nest Site found had unnested									
	but Still around at E/8									
700		LR WL	WC LO	NP	E/8				Ø	
705	Chimps Started Moving on ground									
709	Chimps climbed into FEX and Started feeding on									
	ripe fruits									
715		LR WL	WC LO	NP	C/9	✓	FEX	RF	MGB	
718	WL chassed NP in afeeding tree				She		fled Screaming			
720	LR chassed NP in afeeding tree				She		fled Screaming			
730		LR WL	WC LO	NP	C/9	✓	FEX	RF	MGB	
732	LR chassed NP in afleeding tree				She		fled Screaming			
	and leaving the tree									
736	LR leaving the feeding tree									
737	LR chassed NP She fled screaming at sametime									
	Chimps climbed down on ground and Moving									
742	Chimps climbed into FBR tree and Started feeding									
	On ripe fruits									
745		LR WL	WC LO	NP	E/10	✓	FBR	RF	MGB	
800		LR WL	WC LO	NP	"	✓	"	"	"	
807	Chimps leaveing the feeding tree and Moving on 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 01st MONTH April YEAR 09 OBSERVER SMSJJW 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						
810	LR feeding on Brown Soil from roots of a fallen tree									
815		LR WL	WC LO	NP	F/17				Ø	
818	Chimps climbed into mms tree and feeding on ripe fruits									
828	LR grooming LO									
830		LR WL	WC LO	NP	H/19	✓	MMS	RF	Ø	
838	NP grooming herself									
845		LR WL	WC LO	NP	H/19	✓	MMS	RF	Ø	
857	LR build a day nest with in a feeding tree and nest HT = 26m					✓				
900		LR WL	WC LO	NP	H/19	✓	MMS	RF	Ø	
915		LR WL	WC LO	NP	"	✓	"	"	RDT	
930		LR WL	WC LO	NP	"	✓	"	"	"	
945		LR WL	WC LO	NP	"				"	
1000		LR WL	WC LO	NP	"				"	
1015		LR WL	WC LO	NP	"	✓	MMS	RF	"	
1021	LR (LO) leaving the nest and started feeding									
1030		LR WL	WC LO	NP	H/19	✓	MMS	RF	RDT	~
1045		LR WL	WC LO	NP	"	✓	"	"	"	

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 01st MONTH April YEAR 09 OBSERVER SMSJTW 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						
1048	WL grooming her self									
1051	Chimps leaving the feeding tree but they didn't come down									
1100		LR WL	WC LO	NP	H/19				RDT	
1100	WL grooming LR									
1115		LR WL	WC LO	NP	H/19				RDT	
1118	Chimps climbed down on ground and moving									
1124	Chimps climbed into FCP tree and feeding on ripe fruits									
1130		LR WL	WC LO	NP	21/BFP	✓	FCP	RF	Ø	
1145		LR WL	WC LO	NP	"	✓	"	"	Ø	
1159	Chimps leaving the feeding tree and moving on ground									
1200		LR WL	WC LO	NP	21/BFP				Ø	
1204	Chimps feeding THV in adense vegetation									
1209	NP grooming her self									
1215		LR WL	WC LO	NP	21/BFP	✓	CAF	YL	Ø	
1230		LR WL	WC LO	NP	21/Krd	✓	THV		Ø	
1234	LR feeding on THS young leaves									
1245		LR WL	WC LO	NP	M/8				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

1229 NP feeding on black soil from roots of a fallen tree

KPC Behavior

DAY 01st MONTH April YEAR 09 OBSERVER SMST TW 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						
1300		WL LR	WC LO	NP	M/8				Ø	
1305	WL playing	with WC	Where	by WL	Make	soft	bites	on	WC	AP
1308	Chimps	climbed	into	ANI tree	and	Started				
	feeding on	ripe fruits								
1315		LR WL	WC LO	NP	M/8	✓	ANI	RF	Ø	
1330		LR WL	WC LO	NP	"	✓	"	"	Ø	
1345		LR WL	WC LO	NP	"	✓	"	"	Ø	
1400		LR WL	WC LO	NP	"	✓	"	"	Ø	
1415		LR WL	WC LO	NP	"	✓	"	"	Ø	
1430		LR WL	WC LO	NP	"	✓	"	"	Ø	
1440	Chimps	leaving	the	feeding	tree	and	moving			
1445		LR WL	WC LO	NP	N/3				Ø	
1500	Chimps	joined	KK LK TJ	and	KK	LK	made			
	joint	NVD	LR WL	NP	fled	pant	barking	WL		
	climbed	a tree								
1500	KK LK TJ	WL LR	WC LO	NP	2/27				Ø	
1501	LR approach	pant	grunting	to	LK	and	the	made		PTG HCG
	Hand clasp	mutual	groom		LK ↔ LR					
1502	WL approach	pant	grunting	to	KK	and	extended			PTG
	to him	KK	ignored							

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 01st MONTH April YEAR 09 OBSERVER SMSJ IWMK IC 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
1502	LK groomed LR	after	hand	clasp						
1508	Mutual groom LK ⟷ LR									
1513	LK groomed LR	after	mutual	groom						
1514	WL approach Pant grunting to KK and groomed him									PTG
1515	LK KK TJ	LR WL	WC LO	NP	Z/27				BAB	
1521	LK grooming WL									
1522	WL grooming LK									
1523	LK grooming WL shortly									
1523	LK Grooming KK									
1529	KK LK TJ left others behind				and	moved	away			
	IC MK followed them									
1530		LR WL	WC LO	NP	Z/27				BAB	
1536	LR groomed WL shortly									
1537	WL grooming LR									
1544	Chimps climbed into mms tree				and	started	feeding			
	on ripe fruits									
1545		LR WL	WC LO	NP	Z/27	✓	MMS	RF	Ø	
1600		LR WL	WC LO	NP	"	✓	"	"	Ø	
1615		LR WL	WC LO	NP	"	✓	"	"	Ø	
1620	Chimps leaving the feeding tree				and	moving	on	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 01st MONTH April YEAR 09 OBSERVER SMSJTW 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
1630		LR WL	WC LO	NP	H/4				Ø	
1632	chimps joined KK LK TJ in FEX tree TJ									
	made pant barks									
1642	chimps leaving the feeding tree and moving									
1645	KK LK TJ	WL LR	WC LO	NP	F/4				Ø	
1648	LK made vocal displays and buttress bungs									
	others made waar barks									
1651	LR and WL made joint vocal displays and									
	buttress bungs others didn't respond									
1659	Chimps climbed into FBR tree and started feeding									
	on ripe fruits at same time WL approach pant									
	barking to LK and she extended hand to him he ignored									
1700	KK LK TJ	LR WL	WC LO	NP	E/10	✓	FBR	RF	Ø	
1711	ST joined the party others made pant hoots									
	and TJ made vocal displays									
1715	ST LK KK TJ	LR WL	WC LO	NP	E/10	✓	FBR	RF	Ø	
1720	WL made screams and arm threat to LR likewise									
	LR made screams and arm threat to WL but no									
	contact and WL continue screaming and extended									
	hand to LK he ignored and TJ chassed NP who fled screaming									

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 01st MONTH April YEAR 09 QT ① OBSERVER JWMK SMSTIC 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
1730	KK LK TJ ST	LR WL	LO WC	NP	E/10	✓	FBR	RF	Ø	
1736	Pg QT Qv PB joined and PB made pant barks others									
	made pant hoots									
1738	KK made non vocal displays in a tree others									
	fled pant barking at sametime all chimps									
	leaving the feeding tree and moving									
1740	Pg screamed approached LK who mounted him									
	then LK groomed pg									
1745	ST Pg PB LK KK TJ	QT LR WL	QV WC LO	NP	E/10				Ø	
1750	TJ left the party and moved away IC MK followed him									
1757	Pg and PB remained behind as others moving									
1800	KK ST LK	LR WL QT	QV LO WC	NP	Q/12				Ø	
1806	KK made vocal displays and buttress bungs									
	others made waar barks									
1807	LR feeding on IRI young leaves									
1810	LK climbed into FEX tree and feeding on ripe									
	fruits									
1815	ST KK LK	QT LR WL	QV LO WC	NP	K/15	✓	FEX	RF	Ø	
1816	ST entered into old nest and Improving it then									
	nest, tree = UVA HT = 6m Dbh = 10 cm									

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 01st MONTH April YEAR 09 OBSERVER SMSJTW 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						
1818	KK entered into	Old nest and	improving it then							
	nest tree = MMS	HT = 7m	Dbh = 11cm							
1819	LR build another	nest and	rest tree						UV	A
	HT = 10M	Dbh = 12cm								
1830	KK LR ST	RT LR WR	BV LO WC	NP	K/15	✓	FEX	RF	Ø	
1835	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