DAY 14th MONTH April YEAR 09 OBS-PC SM TMF/40 — HOW FOUND FFT

	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			N/26	None	—	—
7:15																																			X	X	X			X					FFP	RF
7:30																																			X	X	X			X					"	"
7:45																																X			X	X	X			X					FFX	RF
8:00																																X			X	X	X			X			N/26		"	"
8:15																																X			X	X	X			X			O/25		HNY	
8:30																																X			X	X	X			X					"	
8:45																																X			X	X	X			X					"	
9:00																																X			X	X	X			X					"	
9:15																																X			X	X	X			X					ANI	RF
9:30																																X			X	X	X			X						
9:45																																X			X	X	X			X						
10:00																																X			X	X	X			X						
10:15																																X			X	X	X			X						
10:30																																X			X	X	X			X					↓	↓
10:45																																X			X	X	X			X					ANI	RF
11:00																																X			X	X	X			X					—	—
11:15																																X			X	X	X			X					—	—
11:30																																X			X	X	X			X					ANI	RF
11:45																																X			X	X	X			X					"	"
12:00													X		X																	X			X	X	X			X					UVA	RF
12:15													X		X																	X			X	X	X			X					"	"
12:30													X		X																	X			X	X	X			X					"	"
12:45													X		X																	X			X	X	X			X			O/25	None	ANI	RF
	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	X			X			O/25	None	ANI	RF
13:15													X		X																	X			X	X	X			X					"	"
13:30													X		X																	X			X	X	X			X				↓	SOIL	SL
13:45													X		X																	X			X	X	X			X			↓	None	TRI	YL
14:00													X		X																	X			X	X	X			X			O/25	Rbc	—	—
14:15													X		X																	X			X	X	X			X			F/25	"	THV	
14:30													X		X																	X			X	X	X			X				"	"	
14:45													X		X																	X			X	X	X			X				None	—	—
15:00													X		X																	X			X	X	X			X					—	—
15:15													X		X																	X			X	X	X			X					—	—
15:30													X		X																	X			X	X	X			X					—	—
15:45													X		X																	X			X	X	X			X			↓		CAF	YL
16:00													X		X																	X			X	X	X			X			P/25		—	—
16:15													X		X																	X			X	X	X			X			Q/25		—	—
16:30													X		X																	X			X	X	X			X			"		—	—
16:45													X		X																	X			X	X	X			X			"		TRI	YL
17:00																																			X	X	X			X			Q/24		—	—
17:15																																X			X	X	X			X					THV	
17:30																																X			X	X	X			X					"	
17:45																																X			X	X	X			X			↓	↓	"	
18:00																																X			X	X	X			X			Q/24	None	—	—
18:15																																														
18:30																																														
18:45																																														
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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													1		1																1	2			1	1	1			1						

COMMENTS LO have wet cough.

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

WL (1) QT (1) LR (1)

DAY 14th MONTH April 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
700	chimps found waiting on FCP tree at 21/BFC									
	and the climbed into a tree									
700		WL QT	WC QV	NP	21/BFP				Ø	
701	Chimps started feeding on ripe fruits									
709	NP feeding on CAF young leaves									
715		WL QT	WC QV	NP	21/BFP	✓	FCP CAF	RF YL	Ø	
730		WL QT	WC QV	NP	"	✓	"	"	Ø	
734	Chimps leaving the feeding tree and reach on									
	ground and moving									
740	chimps climbed into FEX tree and feeding on									
	ripe fruits									
745		LR WL QT	LO WC QV	NP	L/13	✓	FEX	RF	Ø	
750	QT groomed (QV) Shortly									
800		LR WL QT	LO WC QV	NP	L/13	✓	FEX	RF	Ø	
808	WL grooming (WC)									
814	WL grooming herself									
815		WL QT LR	LO WC QV	NP	L/13	✓	FEX	RF	Ø	
823	chimps leaving the feeding tree reach on ground									
	Moving									
829	chimps approached on the hole of QT experiment where was the honey of Bee's and QT got a stick put it to a hole and feeding by licking honey from the stick NP LR WL looking at her									

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

744 LR (LO) joined the party but no call were made and she didn't climb into tree

KPC Behavior

DAY 14th MONTH April YEAR 09 OBSERVER SMTWGT 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						
839		LR QT WL	QV WC LO	NP	M/8	✓	HNY		Ø	
839	QT droped the stick and she groomed LR									
841	WL groomed LR									
843	LO was heard coughing (wet Cough)									
843	Chain groom QT → LR → WL									
845		LR WL QT	QV WC LO	NP	M/8	✓	HNY		Ø	
847	WL grooming LR and QT grooming herself									
851	QT (QV) Moved away from the hole of honey									
852	LR get a stick the one which was droped by									TLU QT
	put it to a hole and feeding by licking honey from the stick WL LO WC									
	looking at her									
854	WL grooming herself									
900		LR WL QT	QV WC LO	NP	M/8	✓	HNY		Ø	
902	LR (to) WL WC Moved away from the hole of honey									
904	Chimps climbed into ANI tree and started									
	feeding on ripe fruits									
904	NP approach on the hole she get a stick									TLU and
	Put it to hole and feeding honey by licking on a stick									
905	NP Moved away from the hole									
915		LR WL QT	WC QV LO	NP	M/8	✓	ANI	RF	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 14th MONTH April YEAR 09 OBSERVER ET SM FM 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						
930		LR WL QT	WC LO QV	NP	M/8	✓	ANI	RF	Ø	
945		LR WL QT	WC LO QV	NP	"	✓	"	"	Ø	
1000		LR WL QT	WC LO QV	NP	"	✓	"	"	Ø	
1009	WL (WC) leaving the feeding tree									
1011	WL (WC) build a day nest and rest tree - Bo SP									
	HT = 20m									
1012	NP build a day nest and rest tree = MNS								HT = 38m	
1014	WL (WC) leaving the nest									
1015		LR WL QT	WC LO QV	NP	M/8	✓	ANI	RF	Ø	
1016	WL (WC) build a day nest and rest tree = Strobosis									
	HT = 9m									
1017	NP leaving the nest									
1027	QT (QV) build a day nest and rest tree = CU + HT = 19m									
1030		QT LR WL	WC LO QV	NP	M/8	✓	ANI	RF	Ø	
1045		QT LR WL	WC LO QV	NP	"	✓	"	"	Ø	
1052	LR (LO) leaving the tree and build a day nest									
	at same time, then rest tree = Bo SP HT = 20M									
1100		LR WL QT	LO WC QV	NP	M/8				Ø	
1115		LR WL QT	LO WC QV	NP	"				Ø	
1130		LR WL QT	LO WC QV	NP	"	✓	ANI	RF	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

BL (1)

KPC Behavior

DAY 14th MONTH April YEAR 09 OBSERVER GT SMFMTW 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
1145		WL LR QT	QV WC LO	NP	M/8	✓	ANI	RF	Ø	
1152	BL BO joined the party they made pant hoots others also responded with pant hoots									
1158	BO feeding on UVA Ripe fruits									
1158	QT (QV) leaving the nest									
1200		BL LR WL QT	BO LO WC QV	NP	M/8	✓	UVA	RF	Ø	
1215		BL LR WL QT	BO LO WC QV	NP	"	✓	"	"	Ø	
1220	QT (QV) entered into WL's previous nest and Improving it and rest tree - Strobosia HT = 9m									
1226	BL climbed into ANI tree and started feeding									
1230		BL LR WL QT	BO LO WC QV	NP	M/8	✓	UVA	RF	Ø	
1230	WL (WC) QT (QV) leaving their day nests and LR (LO) followed them at Sametime both entered into ANI tree and started feeding									
1245		BL LR WL QT	QV WC BO LO	NP	M/8	✓	ANI	RF	Ø	
1300		BL LR WL QT	QV WC BO LO	NP	"	✓	"	"	Ø	
1315		BL LR WL QT	QV WC BO LO	NP	"	✓	"	"	Ø	
1323	Chimps leaving the feeding, reach on ground and moving.									
1325	Chimps approached on the hole of honey for GT experiment sat looking for short time then they moved away b'se there was no honey									

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

1145 WL (WC) leaving the nest

1149 WL (WC) build aday nest and rest tree = Trich nos

HT = 8m

KPC Behavior

DAY 14th MONTH April YEAR 09 OBSERVER SMEMTW 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						
1227	NP feeding on red soil from roots of a fallen									
	tree									
1330		BL WL QT LR	LO BO WC BV	NP	N/6	✓	SOIL	SL	Ø	
1330	QT made screams and arm threat to BO who									
	fled screaming approached BL he extended hand									
	to her. She also touch on him while making soft									
	screams									
1335	BO playing with NP by wrestling, patting, tickling, and									
	making soft bites each other.									
1345	LR feeding on TRI young leaves									
1345		BL LR WL QT	BV WC LO BO	NP	P/3	✓	TRI	YL	Ø	
1350	QT feeding on TRI young leaves									
1355	BO playing with LR by tickling each other									AP
1400		BL WL LR QT	LO BO BV WC	NP	S/2				RDC	
1408	Chimps entered into THV and started feeding in									
	a dense vegetation									
1415		BL QT WL LR	LO WC BO BV	NP	S/B	✓	THV		RDC	
1430		BL WL QT LR	BO WC LO BV	NP	n	✓	n		n	
1438	LR and QT both grooming WL									
1442	LR grooming WL									

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

1406 NP drinking water from the foot print of elephant (BR)

KPC Behavior

DAY 14th MONTH April YEAR 09 OBSERVER SMFMTW 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						
1445		BK LR QT WL	BO QV LO WE	NP	S/B				Ø	
1500		BL LR QT WL	BO QV LO WE	NP	EE/32				Ø	
1511	LR playing with	BO by	tickling	each	other					AP
1515		BL LR QT WL	BO QV LO WE	NP	PP/32				Ø	
1529	QT and NP	feeding on	SCA	unripe	fruits					
1530		BL LR QT WL	WE LO BO QV	NP	PP/32				Ø	
1530	Heard distant calls from	south	of	K30	Med	WL				
	and BO made	Pant barks								
1535	WL playing with	WE where by	WL	making	soft	bites				AP
	and tickling WE									
1542	WL (WE) QT (QV) and	NP	climbed	into	a	AF	tree			
	and started feeding on	young	leaves							
1545		WL QT LR BL	BO QV LO WE	NP	A/32	V	CAF	YF	Ø	
1553	Chimps leaving	the	feeding	tree	and	reach	on			
	ground									
1600		BL WL QT LR	BO QV LO WE	NP	HH/32				Ø	
1609	Chimps entered	into	THV	and	started	feeding				
	in adense	Vegetation								
1608	LR grooming QT									
1609	Mutual groom LR <-> QT									

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 14th MONTH April YEAR 09 OBSERVER SMFmTW 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						
1610	QT grooming LR									
1615		LR BL QT WL	WC LO QV BO	NP	NN 32				Ø	
1615	WL and QT both grooming LR									
1617	WL grooming herself and QT grooming herself									
1618	LR grooming LO									
1619	LR grooming a leaf for 12 sec before and groomed WL after				She was grooming					TLU LO
1620	Hand clasp mutual groom LR <-> WL									Hcg
1620	WC LO and QV playing together by each other and wrestling									
1623	WL groomed LR after hand clasp.									
1627	LR grooming WL									
1629	Hand clasp mutual groom				WL <-> LR					Hcg
1630		LF BL WL QT	WC LO QV BO	NP	NN 32				Ø	
1630	WL groomed LR after hand clasp									
1632	BL BO left the party and moved away									
1633	QT grooming QV									
1634	QT grooming LR									
1636	LR grooming QT									
1637	Hand clasp mutual groom				LR <-> QT					Hcg
1638	LR groomed QT after hand clasp									

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 14th MONTH April YEAR 09 OBSERVER SMEMTW 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
1644	LR feeding on		TRI young		leaves					
1645		WL LR QT	BV LOWC	NP	W/32	✓	TRI	YL	Ø	
1646	NP grooming QT									
1647	QT feeding CAF									
1655	NP grooming herself									
1700		WL LR QT	BV LOWC	NP	00/5				Ø	
1715		WL LR QT	BV LOWC	NP	V/8	✓	THV		Ø	
1730		WL LR QT	BV LOWC	NP	h	✓	h		Ø	
1745		WL LR QT	BV LOWC	NP	h	✓	h		Ø	
1750	Chimps leaving	THV end	moving							
1752	LR feeding on	THV	young		leaves					
1757	WL (WC) entered	into	old	nest and	Improving					
	It then rest tree = Tec		HT = 7m	DBH = 12 cm						
1759	LR build a night	nest and	rest tree = Utea							
	HT = 21 m	DBH = 22cm								
1800		LR WL QT	BV WCLO	NP	W/5				Ø	
1801	NP build a night	nest and	rest tree = Utea							
	HT = 19m	DBH = 24 cm								
1810	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