DAY 22nd MONTH July YEAR 09 OBS-PC SM TMF/40 AG FM IC TW 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																																														
6:30																																														
6:45																															X	X								X			N26	BWC	—	—
7:00																															X	X								X			"	"	—	—
7:15																															X	X			X	X	X			X			N27	NONE	FCP	RF
7:30																															X	X			X	X	X			X					"	"
7:45																															X	X			X	X	X			X					"	"
8:00																															X	X			X	X	X			X					AFR	PTH
8:15																															X	X			X	X	X			X					—	—
8:30																															X	X			X	X	X			X			N27		—	—
8:45																															X	X			X	X	X			X			M27		FEX	RF
9:00																															X	X			X	X	X			X			"		"	"
9:15																															X	X			X	X	X			X			L27		FBR	RF
9:30																															X	X			X	X	X			X						
9:45																															X	X			X	X	X			X						
10:00																															X	X			X	X	X			X				NONE	FBR	RF
10:15																															X	X			X	X	X			X				RDC	NEO	WD
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				RDC	NEO	WD
11:30																															X	X			X	X	X			X				NONE	THV	
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			X			L27	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			X			L27	NONE	—	—
13:15																															X	X			X	X	X			X					—	—
13:30																															X	X			X	X	X			X					THV	
13:45																															X	X			X	X	X			X						
14:00																															X	X			X	X	X			X						
14:15																															X	X			X	X	X			X						
14:30																															X	X			X	X	X			X						
14:45																															X	X			X	X	X			X						
15:00																															X	X			X	X	X			X						
15:15																															X	X			X	X	X			X			L27	NONE	THV	
15:30																															X	X			X	X	X			X			M27	BLU	—	—
15:45																															X	X			X	X	X			X				NONE	FBR	RF
16:00																															X	X			X	X	X			X						
16:15																															X	X			X	X	X			X						
16:30																															X	X			X	X	X			X						
16:45													X	X	X																X	X			X	X	X			X						
17:00													X	X	X																X	X			X	X	X			X						
17:15													X	X	X																X	X			X	X	X			X						
17:30													X	X	X																X	X			X	X	X			X					FBR	RF
17:45													X	X	X																X	X			X	X	X			X					—	—
18:00													X	X	X																X	X			X	X	X			X					—	—
18:15													X	X	X																X	X			X	X	X			X					—	—
18:30													X	X	X																X	X			X	X	X			X			M27	NONE	—	—
18:45																																														
19:00																																														
19:15																																														
19:30																																														
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1				

COMMENTS LO was heard SNeezing

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) WL (1) GT (1) KPC Behavior TWAG

DAY 22nd MONTH July YEAR 09 OBSERVER SMFmlc 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
637	Obs arrived at the nest site									
645		LR	LO	NP	21 FFP				BNC	
700		LR	LO	NP	U				U	
700	NP leaving a night nest									
704	LR (LO) leaving a night nest									
708	chimps all climbed down on ground and moving									
714	LR LO and NP joined GT and WL with their families in FCP tree and LR (LO) climbed to a tree silent, and others also didn't make any calls									
715		GT LR WL	GT LO WL	NP	S/K	V	FCP	RF	Ø	
721	WL (WL) leaving the feeding tree and entered into old nest then rest. tree = Polyscias Fulva Ht = 18 M high									
729	LR (LO) leaving the feeding tree and rest on ground									
730		LR GT WL	GT LO WL	NP	S/K	V	FCP	RF	Ø	
736	LR grooming LO									
736	LO was heard SNeezing									

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 22ed MONTH July YEAR 09 OBSERVER TWAG SMFMIC 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
745		LR WL Qt	LO Qv We	NP	S/K	V	FCP	RF	Ø	
745	Qt (Qv) leaving the feeding tree									
746	WL (We) leaving a day rest									
748	Chimps all climbed down and moving on									
	ground									
754	Chimps started feeding on				Fith V					
800		LR WL Qt	LO WE Qv	NP	S/28 Qt	V	AFR	Fith	Ø	
805	Qt grooming LR									
807	Qv playing with LO by hagging and						wrestling each			
	other on ground									
808	Hand clasp mutual groom LR <=> Qt									Hcg
808	NP grooming her self									
810	Qt groomed LR after hand clasp									
810	Hand clasp groom...				Qt <=> LR <= WL					Hcg
811	WL and Qt both groomed				LR after hand clasp					
814	LR grooming Qt									
815		LR WL Qt	LO Qv We	NP	S/28 Qt				Ø	
816	Qt grooming WL									
819	Qt grooming WL									
821	LR grooming 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 22ed MONTH July YEAR 09 OBSERVER TWAG SMFM LC 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
823	WL grooming herself and				GT		grooming			LR
828	WL playing with WE whereby				WL		tickling			AP WE
829	GT grooming herself									
830		LR GT WL	LO GV WE	NP	S/28				Ø	
837	Chimps all climbed into FEX tree silent and									
	started feeding on ripe fruits									
845		LR GT WL	LO GV WE	NP	S/FEX	✓	FEX	RF	Ø	
900		LR GT WL	LO GV WE	NP	"	✓	"	"	Ø	
905	Chimps leaving the feeding and moving on									
	ground									
914	chimps climbed into FBR tree silent and									
	started feeding on ripe fruits									
915		LR GT WL	LO GV WE	NP	S/Off Trail	✓	FBR	RF	Ø	
930		LR GT WL	LO GV WE	NP	"	✓	"	"	Ø	
945		LR GT WL	LO GV WE	NP	"	✓	"	"	Ø	
1000		LR GT WL	LO GV WE	NP	"	✓	"	"	Ø	
1005	Chimps leaving the feeding tree and moving									
	on ground									
1010	LR WL GT both feeding on				NEO		WOOD			
1015		LR GT WL	LO GV WE	NP	C/EBEX	✓	NEO	WD	RDC	

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 22ed MONTH July YEAR 09 OBSERVER TWAG SMFHMLC 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						
1030		LR WL GT	LO WE GN	NP	C EB Ext	✓	NEO	WD	RDC	
1045		LR WL GT	LO WE GN	NP	"	✓	"	"	"	
1100		LR WL GT	LO WE GN	NP	"	✓	"	"	"	
1115		LR WL GT	LO WE GN	NP	"	✓	"	"	"	
1124	Chimps	started	feeding	on	THV					
1130		LR WL GT	LO WE GN	NP	C EB Ext	✓	THV		Ø	
1145		LR WL GT	LO WE GN	NP	"	✓	"		Ø	
1148	NP grooming herself									
1158	LR grooming LO									
1158	LR grooming aleaf for 40sec				she groomed LO					TLU
	before and after									
1200		LR WL GT	LO WE GN	NP	C EB Ext				Ø	
1200	WL grooming WE									
1215		LR WL GT	LO WE GN	NP	C EB Ext				Ø	
1230		LR WL GT	LO WE GN	NP	"				Ø	
1240	LR grooming LO									
1245		LR WL GT	LO WE GN	NP	C EB Ext				Ø	
1246	NP grooming her self									
1250	NP grooming aleaf for 120sec				she groomed					TLU
	self before and after				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

BL ① Bu ①

KPC Behavior

DAY 22ed MONTH July YEAR 09 OBSERVER JWAG SMFMIC 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		LR WL QT	LO WC QV	NP	C/EB ext				Ø	
1315		LR WL QT	LO WC QV	NP	"				Ø	
1330		LR WL QT	LO WC QV	NP	"	✓	THV		Ø	
1345		LR WL QT	LO WC QV	NP	"	✓	"		Ø	
1400		LR WL QT	LO WC QV	NP	"	✓	"		Ø	
1415		LR WL QT	LO WC QV	NP	"	✓	"		Ø	
1417	WC was heard sneezing									
1430		LR WL QT	LO WC QV	NP	C/EB ext	✓	THV		Ø	
1445		LR WL QT	LO WC QV	NP	"	✓	"		Ø	
1500		LR WL QT	LO WC QV	NP	"	✓	"		Ø	
1515		LR WL QT	LO WC QV	NP	"	✓	"		Ø	
1530		LR WL QT	LO WC QV	NP	F Ext/S				Blu	
1533	Chimps climbed into FBR tree silent and started feeding on ripe fruits									
1545		LR WL QT	LO WC QV	NP	F Ext/S	✓	FBR FEX	RF RF	Ø	
1600		LR WL QT	LO WC QV	NP	"	✓	"	"	Ø	
1615		LR WL QT	LO WC QV	NP	"	✓	"	"	Ø	
1628	WL leaving the feeding tree and entered into old nest and improving it then rest, tree = Albizia HT = 18 m Dbh = 54 cm									
1630		LR WL QT	LO WC QV	NP	F Ext/S	✓	FBR	RF	Ø	
1638	BL and her family joined the party and climbed into a feeding tree silent and no calls made from others									

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 22ed MONTH July YEAR 09 OBSERVER TW AG SMFMlc 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
1639	NP approach making soft screams to BL she ignored									
1645		BL WL LR QT BU	BO WC LO QV	NP	F Ext /S	✓	FBR	RF	Ø	
1700		BL WL LR QT BU	BO WC LO QV	NP	"	✓	"	"	Ø	
1708	LR (LO) and QT (QV) both leaving the feeding tree									
1713	LR (LO) build aright nest and rest, tree = ALbizia									
	HT = 20 m high Dbh = 38 cm									
1715		BL BU WL QT LR	BO WC LO QV	NP	F Ext /S	✓	FBR	RF	Ø	
1724	QT feeding on CAF young leaves									
1730		BL BU WL QT LR	BO WC LO QV	NP	F Ext /S	✓	FBR CAF	RF YL	Ø	
1734	QT grooming her self									
1735	QT build aright nest and rest, tree = ALbizia									
	HT = 22 m high Dbh = 38 cm									
1739	BL build aright nest and rest, tree = Olea HT = 22									
	m high Dbh = 32 cm									
1742	BO approached BL in the nest and rest together									
1745		BL QT WL LR BU	BO WC LO QV	NP	F Ext /S				Ø	
1747	BU build aright nest and rest tree = ALbizia									
	HT = 13 m Dbh = 20 cm									
1748	NP build aright nest and rest, tree = CAF HT = 14 m									
	Dbh = 20 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 22ed MONTH July YEAR 09 OBSERVER JW SMFM10 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
1800		BL WL BU QT LR	BO LO WC QN	NP	F Ext /S				Ø	
1815		BL WL BU QT LR	BO LO WC QN	NP	"				Ø	
1830		BL WL BU QT LR	BO LO WC QN	NP	"				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