DAY 16th MONTH July YEAR 09 OBS-PC SM TMF/40 MNM HOW FOUND FT

	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	N27	None	FCP	RF
7:15								X	X																		X				X										X					
7:30								X	X																		X				X										X					
7:45								X	X																		X				X										X					
8:00								X	X																		X				X										X					
8:15								X	X				X		X												X				X				X						X					
8:30								X	X				X		X												X				X				X						X					
8:45								X	X				X		X												X				X				X						X					
9:00								X	X				X		X												X				X				X						X					
9:15								X	X				X		X												X				X				X						X					
9:30								X	X				X		X												X				X				X						X					
9:45								X	X				X		X												X				X				X						X					
10:00								X	X				X		X												X				X				X						X			FCP	RF
10:15								X	X				X		X												X				X				X						X			—	—
10:30								X	X				X		X												X				X				X						X			FCP	RF
10:45								X	X				X		X												X				X				X						X			"	"
11:00								X	X				X		X												X				X				X						X	N27		"	"
11:15								X	X				X		X												X				X				X						X	M27		THV	
11:30								X	X				X		X												X				X				X						X				
11:45								X	X				X		X												X				X				X						X				
12:00								X	X				X		X												X				X				X						X				
12:15								X	X				X		X												X				X				X						X				
12:30								X	X				X		X												X				X				X						X	M27		THV	
12:45									X	X																	X														X	M26	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	GRID	MNK	SP	PT
13:00										X																	X														X	M25	None	PHY	RF
13:15										X																	X														X	L26		CAF	YL
13:30										X																	X														X	"		PHY	RF
13:45										X																	X														X	M26		—	—
14:00										X																	X														X	M25		FDA	RF
14:15										X																	X														X				
14:30										X																	X														X				
14:45										X																	X														X			FDA	RF
15:00										X																	X														X			—	—
15:15										X																	X														X			FDA	RF
15:30										X																	X														X				
15:45										X																	X														X				
16:00										X																	X														X				
16:15										X																	X														X				
16:30										X																	X														X			FDA	RF
16:45										X																	X														X	M25		—	—
17:00										X																	X														X	M26		—	—
17:15										X																	X														X			CAF	YL
17:30										X																	X														X			"	"
17:45										X																	X														X			PHY	RF
18:00										X																	X														X			"	"
18:15										X																	X														X			—	—
18:30										X																	X														X			—	—
18:45										X																	X														X	M26	None	—	—
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		*			2	1																	2				1	1					1						

COMMENTS BL have wet cough and LO have dry cough, ES still have awire snare between the wrist and ELBow of his left hand.

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

Comments. No Monkey's encountered.

LR (1) BL (1) **KPC Behavior** BU (1) Qt (1) WL (1)

DAY 16th MONTH July YEAR 09 OBSERVER SM MNM 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
659	OBS found chimps feeding in FCP tree at S/K									
700	KK ES			EU	S/K	✓	FCP	RF	Ø	
711	LR (LO) joined the party she made pant barks									
	but Others didn't respond									
715	KK ES	LR	LO	EU	S/K	✓	FCP	RF	Ø	
726	EU grooming ES									
729	ES approach pant grunting to KK and ES groomed him									PTG
730	KK ES	LR	LO	EU	S/K	✓	FCP	RF	Ø	
731	LR grooming LO									
740	ES was seen still have a wire snare between									
	the wrist and elbow of his left hand									
745	KK ES	LR	LO	EU	S/K	✓	FCP	RF	Ø	
800	KK ES	LR	LO	EU	"	✓	"	"	Ø	
810	BL Qt and WL joined the party making pant									
	barks Others didn't respond at same time									
	KK EU ES leaving the feeding tree									
814	Qt chassed BU and she made attack (1) with kicks and slaps her									
	who screamed and retaliate by exchanging									
	slaps and kicks with Qt then BL intervened									
	make attack (1) to Qt with a kick 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 16th MONTH July YEAR 09 OBSERVER TWMNMAS SMKJFM 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
815	KK ES	LR WL BL BT BU	LO WC BO BN	EU	S/K	V	FCP	RF	Ø	
818	LR (LO) leaving the feeding tree									
823	ES grooming EU									
826	Hand clasp mutual groom				KK	<->		LR		Hcg
828	LR groomed KK after hand clasp									
830	KK ES	LR WL BL BT BU	LO WC BO BN	EU	S/K	V	FCP	RF	Ø	
840	BL leaving the feeding tree and BO followed									
	her									
841	BT (BN) leaving the feeding tree									
843	LR grooming BT									
845	KK ES	LR BL WL BT	LO WC BO BN	EU	S/K	V	FCP	RF	Ø	
846	BL grooming BO									
847	LR grooming KK									
847	WL (WC) leaving the feeding tree									
848	WL approach pant grunting to KK he ignored									PTG
853	BL was heard coughing (not cough)									
854	BN playing with LO by patting and make soft bites									
	each other									
856	EU playing with BO by patting each other									
900	KK ES	LR BU BL WL BT	WC LO BN BO	EU	S/K	V	FCP	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

815 BT chased BU who fled screaming in a feeding Tree.

KPC Behavior

DAY 16th MONTH July YEAR 09 OBSERVER TWMNMAS SMKJFM 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
901	Lo was heard coughing (dry cough).									
904	KK ES	LR BU BL WL QT	QV BO LO WC	EU	S/K	✓	FCP	RF	Ø	
905	Hand clasp mutual groom LR ←→ QT									HCG
906	LR groomed QT after hand clasp									
908	chain groom LR → KK → QT									
910	QT grooming KK									
912	BO climbed back to afeeding tree and EU followed him at sametime									
915	KK ES	LR WL BL QT BU	QV BO LO WC	EU	S/K	✓	FCP	RF	Ø	
917	LR (LO) climbed into afeeding tree									
920	QV playing alone by swigging on abranch									
925	QT grooming QV and WL grooming WC									
930	KK ES	LR BU BL WL QT	QV LO BO WC	EU	S/K	✓	FCP	RF	Ø	
930	KK grooming himself									
933	WL approach pant grunting to KK then KK and QT both groomed WL									PTG
937	Hand clasp mutual groom KK ←→ WL ← QT									HCG
939	WL groomed KK after hand clasp									
941	QT grooming herself									
944	KK 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

KPC Behavior

DAY 16th MONTH July YEAR 09 OBSERVER TW MM MA SM KJ JF 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						
945	KK ES	LR BL WL BU GT	GV BO LO WC	EU	S/K	V	FCP	RF	Ø	
947	WL grooming KK									
949	KK grooming WL									
956	Hand clasp mutual groom			KK ↔	S	WL				HCG
958	GT grooming LR									
1000	KK ES	LR BL GT WL BU	GV BO LO WC	EU	S/K	V	FCP	RF	Ø	
1006	LR grooming KK and WL looking at them									
1010	Hand clasp mutual groom			LR ↔	KK					HCG
1011	LR and WL both groomed KK after hand clasp									
1014	LR grooming herself and BU grooming BL									
1015	KK ES	LR BL WL BU GT	GV BO LO WC	EU	S/K				Ø	
1020	GT grooming LR									
1026	WL (WC) and GT (GV) climbed into a feeding tree									
1030	KK ES	LR BL GT BL WL	GV BO LO WC	EU	S/K	V	FCP	RF	Ø	
1039	KK climbed into a feeding tree									
1039	NP joined the party. She made screams but others didn't respond.									
1045	KK ES	LR BU GT BL WL	GV BO LO WC	EU NP	S/K	V	FCP	RF	Ø	
1047	WL approach pant-grunting to KK				he	Ignored				PTG
1057	BL grooming BO									

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 16th MONTH July YEAR 09 OBSERVER TW MNMAS SMKJ Fm 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
1059	KK leaving the feeding tree									
1100	KK ES	LR BU BL QT WL	WC LO QV BO	NP EU	S/K	✓	FCP	RF	Ø	
1100	WL (WC) leaving the feeding tree and QT (QV) followed									
	her at same time									
1102	Chimps climbed down on ground and moving									
1109	Chimps started feeding on THV									
1115	KK ES	LR BU BL QT WL	WC LO QV BO	NP EU	S/G	✓	THV		Ø	
1130	KK ES	LR BU BL QT WL	WC LO QV BO	NP EU	"	✓	"		Ø	
1145	KK ES	LR BU BL QT WL	WC LO QV BO	NP EU	S/29	✓	"		Ø	
1200	KK ES	LR BU BL QT WL	WC LO QV BO	NP EU	"	✓	"		Ø	
1215	KK ES	LR BU BL QT WL	WC LO QV BO	NP EU	"	✓	"		Ø	
1230	KK ES	WL BU BL QT LR	QV BO LO WC	NP EU	F/29	✓	"		Ø	
1240	ES and EU separated from others and SMKJ Fm followed them TW AS remained behind with other ID's									
1245	ES			EU	C/29				Ø	
1247	ES and EU feeding on phytollacca ripe fruits									
1300	ES			EU	C/29	✓	PHY	RF	Ø	
1315	ES			EU	B/29	✓	CAF	YL	Ø	
1330	ES			EU	"	✓	PHY	RF	Ø	
1345	ES			EU	B/27				Ø	
1346	ES made vocal displays and buttress bungs EU 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 16th MONTH July YEAR 09 OBSERVER SMKJFM 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
1359	Chimps climbed into FDA tree and started feeding									
	on ripe fruits									
1400	ES			EU	T/24	✓	FDA	RF	Ø	
1415	ES			EU	"	✓	"	"	Ø	
1430	ES			EU	"	✓	"	"	Ø	
1445	ES			EU	"	✓	"	"	Ø	
1500	ES			EU	"				Ø	
1515	ES			EU	"	✓	FDA	RF	Ø	
1530	ES			EU	"	✓	"	"	Ø	
1536	ES grooming himself									
1545	ES			EU	T/24	✓	FDA	RF	Ø	
1600	ES			EU	"	✓	"	"	Ø	
1615	ES			EU	"	✓	"	"	Ø	
1630	ES			EU	"	✓	"	"	Ø	
1640	Chimps leaving the feeding tree and moving									
1645	ES			EU	T/24				Ø	
1700	ES			EU	F/26				Ø	
1707	Chimps started feeding on THV									
1715	ES			EU	F/27	✓	CAF	YL	Ø	
1730	ES			EU	"	✓	"	"	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): 1652 ES grooming EU

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

1656 ES feeding on TRI young leaves

KPC Behavior

DAY 16th MONTH July YEAR 09 OBSERVER SMKJFM 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						
1744	ES and Eu feeding on Phytolacca ripe fruits									
1745	ES			Eu	F/27	✓	PHY	RF	Ø	
1752	ES entered into old nest and improving it then									
	rest. tree = Albizia		HT = 12m high				Dbh = 15cm			
1800	ES			Eu	F/27	✓	PHY	RF	Ø	
1812	Eu build anight nest and rest. tree = Albizia									
	HT = 11m high Dbh = 14cm									
1815	ES			Eu	F/27				Ø	
1830	ES			Eu	n				Ø	
1845	ES			Eu	n				Ø	
1850	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