DAY 05th MONTH FEB YEAR 09 OBS-PC SM TMF/40 FM KT HOW FOUND N

	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	GV	HH	LS	NP	EU	ML	WE	GRID	MNK	SP	PT
Estrus																																1											1						
5:45																																																
6:00																																																
6:15																																																
6:30																																																
6:45																																																
7:00																																																
7:15																																X	X											M/23	None	—	—
7:30																																X	X											L/23		ANE	YL
7:45																																X	X											↓		"	"
8:00																																X	X											L/23		"	"
8:15																																X	X											L/22		—	—
8:30																																X	X											J/22		—	—
8:45																																X	X											"		FCP	UF
9:00																																X	X											K/23		—	—
9:15																																X	X											"	None	THV	
9:30																																																
9:45																																																
10:00									X		X																									X	X					X	X	J/25	BLU	FNA	RF
10:15									X		X																									X	X					X	X				
10:30									X		X																									X	X					X	X				
10:45									X		X																									X	X					X	X				
11:00									X		X																						X	X			X	X					X	X				
11:15									X		X																						X	X			X	X					X	X		↓		
11:30									X		X																						X	X			X	X					X	X		BLU		
11:45									X		X																						X	X			X	X					X	X	↓	None	↓	↓
12:00									X		X																						X	X			X	X					X	X	J/25	"	FNA	RF
12:15									X		X																						X	X			X	X					X	X	J/24	BWC	THV	
12:30									X		X																						X	X			X	X					X	X	"	"	"	
12:45									X		X																																		"	"	"	
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	GV	HH	LS	NP	EU	ML	WE	GRID	MNK	SP	PT
13:00									X		X																																	J/24	None	TTO	YL
13:15									X		X																																	↓	↓	↓	↓
13:30									X		X																																		TTO	YL
13:45									X		X																																				
14:00									X		X																																			—	—
14:15									X		X																																			—	—
14:30									X		X																																			—	—
14:45									X		X																																			—	—
15:00									X		X																																			—	—
15:15									X		X																																			FBR	RF
15:30									X		X																																		↓	↓
15:45									X		X																																				
16:00									X		X																																	J/24		FBL	RF
16:15									X		X																																	K/23		—	—
16:30									X		X																																			—	—
16:45									X		X																																			UTM	FL
17:00									X		X																																			"	"
17:15									X		X																																			THV	
17:30									X		X																																			"	
17:45									X		X																																			"	
18:00									X		X																																			—	—
18:15									X		X																																			THV	
18:30									X		X																																		K/23	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	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	GV	HH	LS	NP	EU	ML	WE	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	1	2	1	1	1	1	1	1	1	1	1	1	1				

COMMENTS Lo was heard coughing (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

LR (1) ML (1) WL (1) **KPC Behavior** QT (1)

DAY 05th MONTH FEB YEAR 09 OBSERVER SMFMKJ 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
710	OBS arrived at the nest site									
715		LR	LO		G/400				Ø	
723	LR (LO) leaving anight nest									
725	LR (LO) climbed down on ground and started Moving									
730	LR feeding on ANE young leaves									
730		LR	LO		H/500	✓	ANE	YL	Ø	
735	LO was heard coughing (wet cough)									
745		LR	LO		H/500	✓	ANE	YL	Ø	
800		LR	LO		n	✓	n	n	Ø	
805	LR (LO) Stoped feeding on ANE and started moving									
815		LR	LO		L/500				Ø	
830		LR	LO		800 Bug				Ø	
832	LR (LO) climbed into FCP tree and started feeding									
	on un ripe fruits									
845		LR	LO		800 Bug	✓	FCP	UF	Ø	
849	LR (LO) climbed down on ground then moving									
900		LR	LO		L/1Sule				Ø	
915		LR	LO		1Sule/MFP	✓	THV		Ø	
920	LR (LO) got lost in THV									
955	OBS found	QT GV WL WC PG PB ML	feeding in		FNA	tree at			15/2E	

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 05th MONTH FEB YEAR 09 OBSERVER SMFMKJ 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
957	ML grooming pg									
958	Pg grooming ML									
959	Hand clasp mutual groom ML ↔ pg									Hcg
1000	pg PB	WL ML QT	Qv WC		1S/2E	✓	FNA	RF	Blu	
1000	ML groomed pg after hand clasp									
1010	Pg grooming ML									
1015	pg PB	WL ML QT	Qv WC		1S/2E	✓	FNA	RF	Blu	
1016	ML grooming pg									
1030	pg PB	WL ML QT	Qv WC		1S/2E	✓	FNA	RF	Blu	
1038	PB grooming pg									
1039	Chain groom QT → PB → pg									
1041	WL approach pant grunting to pg he ignored									PTG
1041	Hand clasp mutual groom pg ↔ PB									Hcg
1042	pg groomed PB after hand clasp									
1044	PB grooming pg									
1045	pg PB	ML WL QT	Qv WC		1S/2E	✓	FNA	RF	Blu	
1045	QT grooming herself									
1046	QT grooming Qv									
1050	chain groom pg → PB → QT									
1051	WL grooming herself									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

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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 05th MONTH FEB YEAR 09 OBSERVER SM FM KJ 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						
1051	LR (LO) joined the party but no calls were made									
1052	LR (LO) Climbed into a feeding tree while making									
	Pant barks at Sometime heard distant calls									
	from west of K15 and all individuals made pant									
	hoots									
1053	LR approach Pant grunting to PG and she groomed him									PTG
1056	Hand clasp mutual groom QT ↔ PB									
1058	QT groomed PB after hand clasp									
1100	PG PB	LR QT WL ML	LO WC CV		IS/2E	✓	FNA	RF	Blu	
1102	Hand clasp mutual groom PG ↔ LR									HCG
1103	PG groomed LR after hand clasp									
1106	PB grooming LR									
1107	LR grooming PB									
1115	PG PB	ML LR WL QT	LO WC CV		IS/2E	✓	FNA	RF	Blu	
1130	PG PB	ML LR WL QT	LO WC CV		"	✓	"	"	"	
1145	PG PB	ML LR WL QT	LO WC CV		"	✓	"	"	Ø	
1200	PG PB	ML LR WL QT	LO WC CV		"	✓	"	"	Ø	
1202	Chimps climbed down on ground and started moving									
1204	Someone chassed ML on ground in apoor view									
	She 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 05th MONTH FEB YEAR 09 OBSERVER SMFMKJ 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						
1206	PG made non vocal displays and stapping the									
	ground and WL made pant barks									
1209	PG made vocal displays and PB joined him making									
	non vocal displays and slapping the ground others									
	made waar barks									
1213	Chimps entered into THV and started feeding in dense									
	vegetation									
1215	pg PB	LF LT WL ML	LO QVWC		K/WST	✓	THV		BWC	
1230	pg PB	LF LT WL ML	LO QVWC		"	✓	"		"	
1240	Some Individuals left the party and moved away									
1245	pg PB				K/WST	✓	THV		BWC	
1300	pg PB				"	✓	TTO	YL	∅	
1315	pg PB				"	✓	"	"	∅	
1330	pg PB				"	✓	"	"	∅	
1345	pg PB				"	✓	"	"	∅	
1400	pg PB				"				∅	
1402	pg approached PB then PB pant grunted to									PTG/HCG
	and they made hand clasp mutual groom									PG⇔PB
1404	mutual groom after hand clasp									
1405	Hand clasp mutual groom			PG⇔PB						HCG

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 05th MONTH FEB YEAR 09 OBSERVER SM FM 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						
1407	Mutual groom after	hand	clasp							
1409	PB grooming PG	after	mutual							
1411	Hand clasp mutual groom	PG	<->	PB						Hcg
1412	PB groomed PG	after	hand	clasp						
1415	PG PB				K/WST				Ø	
1419	PG grooming PB									
147	Hand clasp mutual groom	PG	<->	PB						Hcg
1418	PB groomed PG	after	hand	clasp						
1419	Hand clasp mutual groom	PG	<->	PB						Hcg
1420	PG groomed PB	after	hand	clasp						
1421	Hand clasp mutual groom	PG	<->	PB						Hcg
1422	PB groomed PG	after	hand	clasp						
1423	Mutual groom PG	<->	PB							
1425	Hand clasp mutual groom	PG	<->	PB						Hcg
1426	PB groomed PG	after	hand	clasp						
1430	PG PB				K/WST				Ø	
1431	Hand clasp mutual groom	PG	<->	PB						Hcg
1433	PB groomed PG	after	hand	clasp						
1438	Hand clasp mutual groom	PG	<->	PB						Hcg
1439	PB groomed PG	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 05th MONTH FEB YEAR 09 OBSERVER SMFM 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						
1443	Pg grooming PB									
1445	pg PB				K/WST				Ø	
1446	Hand clasp mutual groom pg ⟷ PB									Hcg
1447	Pg groomed PB after hand clasp.									
1448	PB grooming pg									
1453	Hand clasp mutual groom Pg ⟷ PB									Hcg
1454	Pg groomed PB after hand clasp									
1457	PB grooming pg									
1458	Pg grooming PB									
1500	pg PB				K/WST				Ø	
1504	Pg grooming him self and PB grooming him self									
1514	Pg and PB climbed into FBR tree and started feeding on ripe fruits									
1515	pg PB				K/WST	✓	FBR	RF	Ø	
1530	pg PB				n	✓	n	n	Ø	
1545	pg PB				n	✓	n	n	Ø	
1600	pg PB				n	✓	n	n	Ø	
1609	Chimps leaving the feeding and reach on ground then moving									
1611	Pg feeding on red soil from roots of a tall tree									
1615	pg PB				GLT/Bug				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 05th MONTH FEB YEAR 09 OBSERVER SMFM 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	pg PB				GLT/Bug				Ø	
1639	pg and PB feeding on UTM flowers (THV)									
1645	pg PB				GLT/Bug	✓	UTM PEN	FL pith	Ø	
1700	pg PB				n	✓	n	"	Ø	
1715	pg PB				1200/GLT	✓	THV		Ø	
1730	pg PB				n	✓	n		Ø	
1745	pg PB				n	✓	n		Ø	
1800	pg PB				n				Ø	
1806	PB entered into old nest and Improving it									
	then rest tree = UVA HT = 11m Dbh = 18cm									
1815	pg PB				K/GLT	✓	THV		Ø	
1821	pg build aright nest and rest tree = Albizia									
	HT = 13M Dbh = 20 Cm									
1830	pg PB				K/GLT				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