DAY 28th MONTH May YEAR 09 OBS-PC SM TMF/40 Tw HOW FOUND FT

	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	INF	GRID	MNK	SP	PT
5:45																																																
6:00																																																
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8:00																																																
8:15											X																																X		M25	RDT	FNA	RF
8:30											X																																X			"		
8:45											X																																X			"		
9:00				X							X																	X	X	X	X	X								X	X			None			
9:15				X							X																	X	X	X	X	X								X	X						
9:30				X							X																	X	X	X	X	X								X	X						
9:45				X							X																	X	X	X	X	X								X	X						
10:00				X							X																	X	X	X	X	X								X	X						
10:15				X							X																	X	X	X	X	X								X	X						
10:30				X							X																	X	X	X	X	X								X	X						
10:45				X							X																	X	X	X	X	X								X	X						
11:00				X							X																	X	X	X	X	X								X	X						
11:15				X							X																	X	X	X	X	X								X	X						
11:30				X							X																	X	X	X	X	X								X	X						
11:45				X							X																	X	X	X	X	X								X	X						
12:00				X							X																	X	X	X	X	X								X	X						
12:15				X							X																	X	X	X	X	X								X	X						
12:30				X							X																	X	X	X	X	X								X	X						
12:45				X							X																	X	X	X	X	X								X	X			M25	None	FNA	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	INF				
13:00				X							X																	X	X	X	X	X								X	X			M25	None	FNA	RF
13:15				X							X																	X	X	X	X	X								X	X						
13:30				X							X																	X	X	X	X	X								X	X						
13:45				X							X																	X	X	X	X	X								X	X						
14:00				X							X																	X	X	X	X	X								X	X			None	FNA	RF	
14:15				X							X																	X	X	X	X	X								X	X			RDT	—	—	
14:30				X							X																	X	X	X	X	X								X	X			"	—	—	
14:45				X							X																	X	X	X	X	X								X	X			*	FNA	RF	
15:00				X							X																	X	X	X	X	X								X	X			*	"	"	
15:15				X							X																	X	X	X	X	X								X	X			*	FDA	RF	
15:30				X																									X	X	X	X	X								X	X			M25	None	—	—
15:45				X																									X	X	X	X	X								X	X			L26		CAF	YL
16:00																													X	X	X	X	X								X	X					THV	
16:15																													X	X	X	X	X								X	X					CAF	YL
16:30																													X	X	X	X	X								X	X						
16:45																													X	X	X	X	X								X	X						
17:00																													X	X	X	X	X								X	X						
17:15																													X	X	X	X	X								X	X					"	"
17:30																													X	X	X	X	X								X	X					CAF	YL
17:45																													X	X	X	X	X								X	X			L26	"	—	—
18:00																													X	X	X	X	X								X	X			L25	None	—	—
18:15																																																
18:30																																																
18:45																																																
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		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	INF	GRID	MNK	SP	PT
	Health																																															

COMMENTS RDT and MGB from 1445–1515.

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

LR(1) AL(1)

DAY 28th MONTH May YEAR 09 OBSERVER SMTW 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
803	OBS found	Chimps	feeding in	FNA	tree	at	Q/23			
815	ES			EU	Q/23	V	FNA	RF	RDT	
830	ES			EU	"	V	"	"	"	
845	ES			EU	"	V	"	"	"	
851	LR(LO) and NP joined the party but no calls made.									
854	Heard distant calls from east of K 14 and									
	this party responded with pant hoots at same									
	time both leaving the tree and moving towards calls									
857	Chimps joined other individuals in FNA tree									
	feeding some PHs made pant barks									
900	ES YB	AL LR	INF AT LO AZ	EU NP	R/24	V	FNA	RF	Ø	
915	ES YB	AL LR	INF AT LO AZ	EU NP	"	V	"	"	Ø	
917	LR made waar barks and chased AT he									
	fled screaming									
922	LR chased AT in a feeding tree. he fled									
	screaming									
924	ES grooming him self									
927	LR made waar barks and chased NP who									
	fled screaming									
930	ES YB	AL LR	INF AZ AT LO	EU NP	R/24	V	FNA	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 28th MONTH May YEAR 09 OBSERVER IW 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						
945	YB ES	LR AL	INF AT AZ LO	EU NP	R/24	✓	FNA	RF	Ø	
1000	YB ES	LR AL	INF AT AZ LO	EU NP	"	✓	"	"	Ø	
1015	YB ES	LR AL	INF AT AZ LO	EU NP	"	✓	"	"	Ø	
1030	YB ES	LR AL	INF AT AZ LO	EU NP	"	✓	"	"	Ø	
1045	YB ES	LR AL	INF AT AZ LO	EU NP	"	✓	"	"	Ø	
1054	EU playing with AZ by patting each other in a tree									
1100	YB ES	LR AL	INF AT AZ LO	EU NP	R/24	✓	FNA	RF	Ø	
1115	YB ES	LR AL	INF AT AZ LO	EU NP	"	✓	"	"	Ø	
1130	YB ES	LR AL	INF AT AZ LO	EU NP	"	✓	"	"	Ø	
1134	YB build a day nest with a feeding tree and nest									HT=22m
1145	YB ES	LR AL	INF AT AZ LO	EU NP	R/24	✓	FNA	RF	Ø	
1200	YB ES	LR AL	INF AT AZ LO	EU NP	"	✓	"	"	Ø	
1215	YB ES	LR AL	INF AT AZ LO	EU NP	"	✓	"	"	Ø	
1230	YB ES	LR AL	INF AT AZ LO	EU NP	"	✓	"	"	Ø	
1245	YB ES	LR AL	INF AT AZ LO	EU NP	"	✓	"	"	Ø	
1300	YB ES	LR AL	INF AT AZ LO	EU NP	"	✓	"	"	Ø	
1313	ES and EU leaving the feeding tree									
1315	YB ES	LR AL	INF AT AZ LO	EU NP	R/24	✓	FNA	RF	Ø	
1320	LR grooming herself									
1330	YB ES	LR AL	INF AT AZ LO	EU NP	R/24	✓	FNA	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 28th MONTH May YEAR 09 OBSERVER TW SM KJ 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						
1345	YB ES	AL LR	INF AZ AT LO	EU NP	R/24	N	FNA	RF	Ø	
1346	AL (INF) followed by	AZ AT	both	leaving	the	feeding				
	tree and resting on ground									
1353	ES and AT	both grooming	AL							
1355	Hand clasp mutual groom	AL	<->	AT						HCG
1355	AT groomed AL	after	hand	clasp						
1358	EU grooming herself									
1400	YB ES	AL LR	INF AZ AT LO	EU NP	R/24	N	FNA	RF	Ø	
1400	AL grooming	AT								
1403	Hand clasp mutual groom	AL	<->	AT						HCG
1404	LR approach	Pant 'grunting'	to	YB	and	groomed				
	him									
1405	AT and AZ	both groomed	AL	after	hand	clasp				
1405	Hand clasp mutual groom	YB	<->	LR						HCG
1406	AL grooming AZ	and	AT	grooming	ES					
1406	LR groomed YB	after	hand	clasp						
1408	YB grooming	LR								
1409	AL grooming	AT								
1411	LR grooming	YB	and	AZ	grooming	ES	and	AT	grooming	AL
1415	YB ES	AL LR	INF AZ AT LO	NP EU	R/24				RDT	

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 28th MONTH May YEAR 09 OBSERVER TW SMKLFM 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
1418	Hand clasp mutual groom AT ⟷ AL									Hcg
1419	YB grooming LR and AT groomed AL after hand clasp									
1423	LR grooming YB									
1430	YB ES	AL LR	INF AT AZ LO	EU NP	R/24				RDT	
1432	YB leaving the nest and started feeding on									
	FNA fruits									
1442	ES EU and AL with her family climbed in									
	to FDA tree and ES made vocal displays									
	and butt-ress bangs but no one responded									
1445	YB ES	AL LR	INF AT AZ LO	EU NP	R/24	L	FNA FDA	RF RF	RDT MGB	
1500	YB ES	AL LR	LO AZ AT INF	EU NP	"		"	"	"	
1507	Chimps leaving the feeding tree and started									
	Moving on ground									
1513	LR (LO) joined Other IB's in FDA tree and									
	started feeding									
1515	ES YB	AL LR	LO AZ AT INF	EU NP	I/24	L	FDA	RF	RDT MGB	
1526	Chimps leaving the feeding tree and they									
	Separated into two groups we followed one									
	Group									
1530		AL LR	LO AZ AT INF	NP	U/27				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 28th MONTH May YEAR 09 OBSERVER TW 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
1532	AL and AT feeding on Brown soil from roots of									
	a fallen tree									
1536	AT grooming LR									
1539	NP feeding on CAF young leaves									
1545		LR AL	INF AT AZ LO	NP	U/28	✓	CAF	YL	Ø	
1551	Chimps entered into THV and started feeding									
	in adense vegetation									
1600		LR AL	INF AT AZ LO	NP	U/28	✓	THV		Ø	
1608	LR (LO) left the party and moved away									
1614	AL and her family together with NP climbed									
	into CAF tree and started feeding on young									
	leaves									
1615		AL	INF AT AZ	NP	29/109	✓	CAF	YL	Ø	
1630		AL	INF AT AZ	NP	"	✓	"	"	Ø	
1645		AL	INF AT AZ	NP	"	✓	"	"	Ø	
1700		AL	INF AT AZ	NP	"	✓	"	"	Ø	
1715		AL	INF AT AZ	NP	"	✓	"	"	Ø	
1730		AL	INF AT AZ	NP	"	✓	"	"	Ø	
1743	Chimps leaving the feeding tree and moving on ground									
1745		AL	INF AT AZ	NP	29/109				Ø	

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

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KPC Behavior

DAY 28th MONTH May YEAR 09 OBSERVER IW SMK 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
1753	AL (INF) build a night nest end rest tree = deep									
	HT = 16 m Dbh = 32 cm									
1756	AT build a night nest end rest tree = Dosp									
	HT = 14 m Dbh = 160 cm									
1800		AL	INF AT AT	NP	T/28				Ø	
1805	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