DAY 18th MONTH 06 YEAR 09 OBS-PC Fm TMF/40 1c SmTWAsKJ 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	CL	AN	GRID	MNK	SP	PT
Estrus													1						1										1								3											
5:45																																																
6:00																																																
6:15																																																
6:30			X				X		X		X																			X					X	X								M/26	RDT	FNA	RF
6:45			X				X		X		X																			X					X	X								"	"	"	
7:00			X				X		X		X																			X					X	X								M/26	RDT	FNA	
7:15			X					X	X		X																			X					X	X								M/25		FDA	
7:30			X					X	X		X																			X					X	X											
7:45			X					X	X		X																			X					X	X											
8:00			X					X	X		X																			X					X	X									RDT		
8:15			X					X	X		X																			X					X	X											
8:30			X					X	X		X																			X					X	X											
8:45			X					X	X		X																			X					X	X											
9:00			X					X	X		X																			X					X	X									RDT		
9:15			X					X	X		X																			X					X	X								M/25		FDA	RF
9:30			X					X	X		X																			X					X	X								M/26		—	—
9:45			X				X	X	X		X		X	X	X															X					X	X			X	X		X				—	—
10:00			X				X	X	X		X		X	X	X				X	X	X									X					X	X			X	X		X	X			RDT	FNA	RF
10:15			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
10:30			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
10:45			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
11:00			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
11:15			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
11:30			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
11:45			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X			FNA	RF
12:00			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X			RDT	—	—
12:15			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X				—	—
12:30			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X				—	—
12:45			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X			M/26		—	—
	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	CL	AN				
13:00			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X			M/26		—	—
13:15			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					—	—
13:30			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					—	—
13:45			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					—	—
14:00			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X				CAF	YL
14:15		X	X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
14:30		X	X				X	X	X		X	X	X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
14:45		X	X				X	X	X		X	X	X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
15:00			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
15:15			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
15:30			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
15:45			X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
16:00		X	X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X				CAF	YL
16:15		X	X				X	X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X				BOS	BK
16:30			X					X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X				FNA	RF
16:45			X					X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
17:00			X					X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
17:15			X					X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
17:30			X					X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
17:45			X					X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X					
18:00			X					X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X			BLU	FNA	RF
18:15			X					X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X			"	—	—
18:30			X					X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X			"	—	—
18:45			X					X	X		X		X	X	X				X	X	X							X	X	X					X	X			X	X		X	X			M/26	BLU	—	—
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	CL	AN	GRID	MNK	SP	PT
Health	1		1	1			1	2	1		1		1	1	1				1	1	1							1	1	1	1				1	1			1	1		1							

COMMENTS PG was heard coughing. From 630–700, 1000–1200 we had Blu, mgb along side RDT. At 1800–1845 we also had RDT.

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) QT (1) RD (3)

KPC Behavior

AS

DAY 18th MONTH 06 YEAR 09 OBSERVER Fm 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
630	Obs arrived at the nest site and found chimps									
	had already unnested and were feeding on FNA.									
630	LwKw PgPB YB	LR RD QT	LO BV		C/23	✓	FNA	RF	RDT BLU MGB	
631	Some one was chased in the feeding tree									
	and Hed Screaming.									
645	LwKw PgPB YB	LR RD QT	LO BV		C/23	✓	FNA	RF	RDT BLU MGA	
657	Heard distant calls from East of K14 and									
	this party responded with pant hoots.									
658	Every one climbed down the FNA except Lw RD.									
700	LwKw YB PG PB	LR RD QT	LO BV		C/23	✓	FNA	RF	RDT BLU mgb	
705	Chimps moved away leaving Lk RD behind.									
708	Kk made vocal displays and buttress bangs as they									
	arrived at T/24 FBA and the others pant hooted									
	while another group responded from the Estrous.									
715	Kk YB PgPB	LR QT	LO BV		T/24	✓	FBA	RF		
730	Kk YB PgPB	LR QT	LO BV		〃	✓	〃	〃		
745	Kk YB PgPB	LR QT	LO BV		〃	✓	〃	〃		
752	LR grooming Pg.									
753	Hand clasp mutual groom									HCG Pg⇆LR

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

701 Kk made vocal displays and LR QT Hed pant barking.

KPC Behavior

DAY 18th MONTH 06 YEAR 09 OBSERVER As Fm Sm JW 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						
754	LR grooming PG.									
759	Hand clasp mutual groom									HCG PG & LR
800	KK YB PG PB	LR DT	LO DV		T/24	✓	FDA	RF	RDT	
800	LR grooming PG.									
808	PG grooming LR and KK grooming YB.									
813	LR grooming PG.									
815	KK YB PG PB	LR DT	LO DV		T/24	✓	FDA	RF	RDT	
819	LR DT grooming PG.									
820	YB KK Self grooming.									
830	KK YB PG PB	LR DT	LO DV		T/24	✓	FDA	RF	RDT	
845	KK YB PG PB	LR DT	LO DV		〃	✓	〃	〃	〃	
851	KK building a day nest in the feeding tree.									
900	KK YB PG PB	LR DT	LO DV		T/24	✓	FDA	RF	RDT	
904	PB building a day nest in the feeding tree.									
913	Heard distant calls from south by KIS and									
	this party responded with pant hoots.									
915	KK YB PG PB	LR DT	LO DV		T/24	✓	FDA	RF		
919	KK leaving the day nest.									
926	Chimps leaving the feeding tree and started moving.									

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 Wh ①

KPC Behavior

DAY 18th MONTH 06 YEAR 09 OBSERVER AS Fm Sm 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	KK YB PB PB	LR RT	LO BN		Y/26					
932	some IDS made vocal displays and buttress bangs, and others pant barked.									
937	LK RD MP and Bu wh families joined the party and no calls were made.									
944	Wh approached KK pant barking and he made non vocal displays, then Wh LR PB RT fled into trees pant barking. He continued displaying and made attack 2 to Bu by kicking and she screamed but didn't avoid.									
945	Cop. with screams and dart, 6secs,				F → M approach,					CP PB → RD
945	KKKK YB PB PB	LR RT Bu Wh RD	LO BN WC BO	MP	Bl/GLT					
948	LR chased and made attack one to RD by kicking and she fled screaming, but immediately retaliated chasing her, she (LR) ran into the tree screaming, and PB made non vocal displays chasing LR and RT who was also approaching RD and they fled screaming.									
949	KK made non vocal displays chasing RD who ran									

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

OU ① OT ① AL ① **KPC Behavior**

DAY 18th MONTH 06 YEAR 09 OBSERVER FmSmKJ TWKAS 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
	screaming into the tree, then back onto the ground									
	and into the tree again and made attack one									
	by kicking and she screamed alot.									
953	BL WL chased RD who ran in trees screaming,									
	then KK made non vocal displays and she									
	continued screaming and warbarking.									
955	OU's family joined the party.									
1000	LKKK YB PG PB	LR QT BL BU WL RD OU OT	LO QV WC BO OG	OMOL NP	C/23	✓	FNA	RF	RDT BLU MGB	
1006	QT feeding on FBR bark.									
1007	AL family joined the party and AT made									
	vocal displays but no one responded.									
1014	Silent Cop, and no dart, 4secs, F→M approach									CP AT→RD
1015	LKKK YB PG PB	LR QT BL BU WL RD OU OT AL	LO QV BO AZ OG AT WC	OMOL NP AN	C/23	✓	FNA	RF	RDT BLU MGB	
1030	LKKK YB PG PB	LR QT BL BU WL RD OU OT AL	LO QV BO AZ AT OG WC	OMOL NP AN	"	✓	"	"	"	
1037	PB chased AT in the feeding tree and he									
	fled screaming then warbarked but no one responded.									
1040	WL OT chased RD out of the feeding tree									
	and she fled screaming.									
1043	QT chased RD who ran in trees screaming									
	but no one responded.									

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

954 YB made vocal displays and buttress bungs, and others pant barked.

KPC Behavior

DAY 18th MONTH 06 YEAR 09 OBSERVER Fm Sm KJ TW IC AS 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
1045	LKKK YB PG PB	OT AL OU QT LR WL BL RD BU	ATAZ BOLOOG WC QV	OMOL NPAN	C/23	✓	FNA	RF	Blu RDT Mgb	
1049	RD approached PB and AL moved between them									
	then RD casually avoided screaming.									
1053	PB grooming OU.									
1100	LKKK YB PG PB	AL OU QT WL LR BL BU RD OT	ATAZ BOLOOG WC QV	OMOL NPAN	C/23	✓	FNA	RF	Blu RDT Mgb	
1104	Someone chased RD in poor view and she									
	fled screaming as the others war barked.									
1108	LR grooming PG.									
1115	LKKK YB PG PB	AL OU QT WL LR BL BU RD OT	BOAZ ATLOOG WC QV	OMOL NPAN	C/23	✓	FNA	RF	Blu RDT Mgb	
1130	LKKK YB PG PB	BL BU OU RD LR QT WL OT AL	BOAZ ATLOOG WC QV	OMOL NPAN	"	✓	"	"	"	
1140	Some IDs leaving the feeding tree.									
1143	OU feeding on FNA bark.									
1145	LKKK YB PG PB	BL BU OU QT WL LR RD OT AL	BOAZ ATLOOG WC QV	OMOL NPAN	C/23	✓	FNA	RF	Blu RDT Mgb	
1146	WL approached pant barking and groomed PG.									PTG
1148	OU self grooming.									
1148	PG made non vocal displays and AT AL QT OG									
	fled pant barking.									
1149	WL grooming OU.									
1151	Chain groom, Om → WL → OU									

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 18th MONTH 06 YEAR 09 OBSERVER FM SM KJ (TW KAS) Found: C FT FFT (N) Other______

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH CODE
1152	OT playing with OM WC by touching									AP
1155	WH approached pant grunting to KK who ignored.									PTG
1155	OU grooming KK.									
1156	WH grooming KK.									
1157	YB RD leaving the feeding tree last.									
1158	KK made non vocal displays and BL BU QT									
	fled pant barking and screaming.									
1200	LK KK YB PG PB	BL BU OU ST TW LR RD OT AL	BO AZ AF LO OS WC QV	OM OL MP AN	F/GLT				BU RDT MGD	
1201	RD grooming YB.									
1201	WH approached YB RD and RD moved away									
	screaming to OT who mounted her.									
1205	It started drizzling.									RN
1209	OU chased and made attack one to RD by									
	slapping and she retaliated slapping OU who also									
	fled screaming to WH who touched her.									
	KK made non vocal displays and LR fled									
	into the tree pant barking.									
1215	LK KK YB PG PB	BL BU OU ST TW LR RD OT AL	BO AZ AF LO OS WC QN	OM OL MP AN	F/GLT					
1217	OU grooming OG.									

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 18th MONTH 06 YEAR 09 OBSERVER TWICAS FmSmKJ 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
1218	It stopped drizzling.									
1220	Og grooming YB.									
1221	BL approached YB pant grunting and Og made									PTG
	an arm threat to her and she fled pant barking.									
1223	WL self grooming.									
1224	AT made attack one to MP who retaliated kicking									
	him but fled screaming. (MP fled).									
1227	Og playing with MP by chasing then groomed her.									
1229	OU grooming OL.									
1230	LKKK YB PG PB	BL BU OU QT WL LR RD OT AL	BOAZ AT LOOG WC QN	OMOL NPAN	F/GLT					
1244	WL grooming OU.									
1245	LKKK YB PG PB	BL BU OU QT WL LR RD OT AL	BOAZ AT LOOG WC QN	OMOL NPAN	F/GLT					
1248	Og screamed and BL approached, presenting to PB									
	who made non vocal displays slapping her, and									
	she retaliated chasing him. He fled silently as									
	the others war barked and BL screamed alot.									
	KK also made non vocal displays and									
	LR fled pant barking.									
1248	PG was heard coughing. (Dry cough).									

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 18th MONTH 06 YEAR 09 OBSERVER FM SM KJ TW KC AS Found: C FT FFT (N) Other______

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH CODE
1249	KU made non vocal displays and buttress bangs,									
	and PG with some others ran into trees pant barking.									
1300	LK KU YB PG PB	BL BU OU QT WL LR RD OT AL	BO AZ AT OG LO WC QV	OM OL MP AM	5/GLT					
1300	OG was playing with OM and PG joined them.									
	Immediately PG made attack one to OG by slapping									
	and she screamed but didnt avoid. OU OT made									
	war barks and PG made non vocal displays and									
	stumped the ground, then OU OT ran after him									
	war barking. YB approached screaming and									
	mounted KU, who made non vocal displays and									
	PG ran into the tree then OU OT war barked.									
1302	OM inspected RD by smelling on the Estrous									
	then groomed her.									
1306	WL grooming WC.									
1312	LK grooming KU.									
1313	KU grooming LK.									
1314	Hand clasp mutual groom									HCG LK⇆KU
1315	LK KU YB PG PB	BL BU OU QT WL LR RD OT AL	BO AZ AT OG LO WC ON	OM OL MP AM	5/GLT					
1316	KU grooming LK.									

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 18th MONTH 06 YEAR 09 OBSERVER TW ICAS FM SM KT 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						
1319	Some one was chased in			poor view	and	fled				
	screaming as the others			were barked.						
1320	Lk grooming Kk.									
1330	LKKK YB PG PB	BLBU BTWLR OURD OTAL	BOAZ AT OGLO WC ON	OMOL NPAW	F GLT					
1339	Jk started raining.									RN
1340	Kk made rain displays (NVD) and				OH	AH	fled	screaming.		RD
1345	LKKK YB PG PB	BLBU BTWLR OURD OTAL	BOAZ AT OG LOWC ON	OMOL NPAW	F GLT					
1347	Ak made non vocal displays but			no one responded.						
1355	BU pant grunted to YB from a distance									
	but he didn't respond.									
1359	Cop. with screams and no dart, 9secs, F → m approach									CP AT → RD.
1400	LKKK YB PG PB	BLBU BTWLR OURD OTAL	BOAZ AT OGLO WC ON	OMOL NPAW	F GLT	✓	CAF	YL		
1415	LKKK YB PG PB	BLBU BTWLR OURD OTAL	ON BOAZ AT OG LOWC	OMOL NPAW	4	✓	4	4		
1419	Jk stopped raining									
1422	TJ joined the party and			no calls were made.						
1430	LKKK YB PG PB TJ	BLBU BTWLR OURD OTAL	BOAZ AT OGLO WC ON	OMOL NPAW	F GLT	✓	CAF	YL		
1441	Wk OH chased and was barked at by						RD	who		
	fled screaming.									
1445	LKKK YB PG PB TJ	BLBU BTWLR OURD OTAL	BOAZ AT OG LOWC ON	OMOL NPAW	F GLT	✓	CAF	YL		

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 18th MONTH 06 YEAR 09 OBSERVER KJ IC AS FmSmTW 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
1453	RD feeding on CAF bark.									
1455	AL made warbarks and an arm threat to									
	RD who fled screaming.									
1456	RD grooming TJ.									
1458	TJ grooming RD.									
1500	LKKK YBPG PBTJ	BLBU QTWLLR OURD OTAL	BOAZ ATOGLO WCQV	OMOL MPAN	F/GLT	✓	CAF	YL		
1504	TJ grooming AL.									
1506	AL grooming TJ.									
1515	LKKK YBPG PBTJ	BLBU QTWLRD LROU OTAL	BOAZ ATLOOG WCQV	OMOL MPAN	F/GLT	✓	CAF	YL		
1515	OU chased RD out of the tree and she									
	fled screaming as the others warbarked.									
1519	Females chased and warbarked at each									
	other in poor view.									
1521	Females chased and warbarked at each other									
	again in poor view.									
1529	BU screamed and chased AT who fled pantbarking.									
1530	LKKK YBPG PBTJ	BLBU QTWLLR OURD OTAL	BOAZ ATOGLO WCQV	OMOL MPAN	F/GLT	✓	CAF	YL		
1545	LKKK YBPG PBTJ	BLBU QTWL OURD OTAL LR	BOAZ ATOGLO WCQV	OMOL MPAN	"	✓	"	"		
1550	BU feeding on Dombea bark.									UNF

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

1546 RD moved away and IC followed her.

KPC Behavior

DAY 18th MONTH 06 YEAR 09 OBSERVER FmSmKJ TWICAS 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
1553	BL also feeding on Dom bark.									UNF
1555	OU also feeding on Dom bark									UNF
1600	LKKK YB PG PBTJ	BLBU QT WLLR OTAL OU	BOAZ ATOG LOWC QV	OMOL NPAN	F/GLT	✓	CAF DOM	YL BK		
1605	AT feeding on BOS bark.									UNF
1610	BU approached and mounted OU then groomed her.									
1614	OG made non vocal displays to BU who casually avoided screaming.									
1615	LKKK YBPG PBTJ	BLBU QT WLLR OTAL OU	BOAZ ATOG LOWC QV	OMOL NPAN	F/GLT	✓	BOS	BK		
1616	AT also made non vocal displays to BU and she casually avoided screaming.									
1623	Chimps (Females with PGTJ) climbed back into FNA.									
1624	TJ made vocal displays in the feeding tree chasing AT who fled screaming.									
1627	AT made attack one to BU by slapping and she retaliated kicking him and he fled screaming. The OU came and made attack one to BU by kicking and she fled screaming, met AT and they fought again then AT fled screaming.									
1630	TJPG	BLBU QT WLLR OTAL OU	BOAZ ATOG LOWC QV	OMOL NPAN	C/23	✓	FNA	RF		

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 18th MONTH 06 YEAR 09 OBSERVER Fm sm KJ TW AS 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
1641	Someone chased BU who fled screaming									
	and the others warbarked.									
1645	TJ PG	BL BU QU LR WL QT OT AL	BO AZ AT OG LO WC QV	OM OL NP AN	C/23	✓	FNA	RF		
1653	WL chased NP in the feeding tree and									
	she fled screaming.									
1659	PG moved into his last night's nest, 11 m high,									
	DBH 15 cm (E) sp. uvariopsis and started improving it.									
1700	TJ PG	BL BU QU LR WL OT AL QT	BO AZ AT OG LO WC QV	OM OL NP AN	C/23	✓	FNA	RF		
1714	NP got some leaves and moved into an old									
	nest and started improving it.									
1715	PB joined the party and BL with some									
	others pant barked.									
1715	TJ PG PB	BL BU QU LR WL OT AL QT	BO AZ AT OG LO WC QV	OM OL NP AN	C/23	✓	FNA	RF		
1722	TJ WL leaving the feeding tree.									
1730	TJ PG PB	BL BU QU LR WL OT AL QT	BO AZ AT OG LO WC QV	OM OL NP AN	C/23	✓	FNA	RF		
1734	TJ building a night nest, 8 m high,									
	DBH 12 cm (E) sp. uvariopsis.									
1736	WL moved into an old nest and started									
	improving it.									

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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 18th MONTH 06 YEAR 09 OBSERVER Fm smKJ TW 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
1743	AL (AN) ATAZ	leaving	the feeding	tree.						
1745	PGPB TJ	BLBU OULRWL OTAL QT	BOAZ ATOG LOWC QV	OMOL MPAN	C/23	✓	FNA	RF		
1800	PGPB TJ	QT BLBU OULRWL OTAL	BOAZ ATOG LOWC QV	OMOL MPAN	"	✓	"	"	BLU RDT	
1802	PB leaving	the feeding	tree	last.						
1805	PB building	a night	nest, 26	m	high,					
	DBH 58 cm (E) sp.	Olea.								
1815	PGPB TJ	BLBU OUWLLR OTAL QT	BOAZ ATOG LOWC QV	OMOL MPAN	C/23				BLU RDT	
1830	PGPB TJ	BLBU OUWLLR OTAL QT	BOAZ ATOG LOWC QV	OMOL MPAN	"				"	
1845	PGPB TJ	BLBU OUWLLR OTAL QT	BOAZ ATOG LOWC QV	OMOL MPAN	C/23				"	
1848	Obs leaving	the nest	site.							

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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