DAY 26th MONTH 07 YEAR 09 OBS-PC Fm TMF/40 KJ RwAG IW 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	OL	FL	AZ	GRID	MNK	SP	PT
Estrus																																																		
5:45																																																		
6:00																																																		
6:15																																																		
6:30																																																		
6:45																																																		
7:00																																																		
7:15										X									X	X	X	X	X	X																			X	X	X	L/2F	None	—	—
7:30					X					X									X	X	X	X	X	X																			X	X				FDA	RF
7:45					X					X									X	X	X	X	X	X																			X	X					
8:00					X					X									X	X	X	X	X	X																			X	X					
8:15					X					X									X	X	X	X	X	X																			X	X					
8:30					X					X									X	X	X	X	X	X																			X	X				FDA	RF
8:45					X					X									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				PHY	RF
9:30																			X	X	X	X	X	X																			X	X				"	"
9:45																			X	X	X	X	X	X					X	X						X	X						X	X	X			PHY	RF
10:00																			X	X	X	X	X	X					X	X						X	X						X	X	X			—	—
10:15													X	X	X				X	X	X	X	X	X					X	X						X	X						X	X	X			CAF	YL
10:30					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			"	"
11:00					X					X			X	X	X				X	X	X	X	X	X					X	X						X	X						X	X	X			CAF	YL
11:15																																																	
11:30																																																	
11:45																																																	
12:00																																																	
12:15																																																	
12:30																																																	
12:45																																																	
	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	OL	FL	AZ				
13:00																																																	
13:15																																																	
13:30																																																	
13:45																																																	
14:00																																																	
14:15																																																	
14:30																																																	
14:45																																																	
15:00																																																	
15:15																																																	
15:30																																																	
15:45																																																	
16:00																																																	
16:15																																																	
16:30																																																	
16:45																																																	
17:00																																																	
17:15																																																	
17:30																																																	
17:45																																																	
18:00																																																	
18:15																																																	
18:30																																																	
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	OL	FL	AZ	GRID	MNK	SP	PT
Health					1					4			1	1	2				1	1	1	1	1	1					1	1						1							1	1	1				

COMMENTS BO was heard sneezing.
ES had snare wounds.

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

OU ① OT ① TG ①

KPC Behavior

DAY 26 MONTH 07 YEAR 09 OBSERVER FmKJ AG IN RW 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
712	Obs found chimps still in the nests.									
714	OU (OL) leaving the night nest.									
715	ES	OU OT TG	TT OG	EU OM OT TS TD	29 logged area					
715	OT leaving the night nest.									
718	TG leaving the nest.									
720	OU family moved and left TG family behind.									
720	OU family EU ES climbed into FDA and joined AJ.									
724	OT chased EU who fled screaming and ES									
	waarbarked then AJ made non vocal displays									
	and OU casually avoided pant barking.									
730	AJ ES	OU OT	OG	OM OL EU	29 logged area	✓	FDA	RF		
741	AJ chased OG who fled screaming and he (AJ)									
	supplanted him.									
745	AJ ES	OU OT	OG	EU OM OL	29 logged area	✓	FDA	RF		
800	AJ ES	OU OT	OG	OM OL EU	"	✓	"	"		
805	OT approached EU who screamed then warbarked									
	but didn't avoid.									
815	AJ ES	OU OT	OG	OM OL EU	29 logged area	✓	FDA	RF		
824	AJ leaving the feeding tree.									
825	ES still has the snare and wounds on his left hand.									

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 26th MONTH 07 YEAR 09 OBSERVER Fm KJRW IW AG 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
829	OU grooming OL.									
830	AJES	OUOT	09	OMOL EU	29 logged area	✓	FDA	RF		
835	OT 09 leaving the feeding tree.									
843	EU then ES leaving the FDA.									
845	AJES	OUOT	09	OMOL EU	29 logged area					
847	Chimps started feeding on THV.									
850	AJ ESEU disappeared and got lost in dense vegetation.									
854	OT found a stick with carpenter bees in it and she tried to break it but failed. She got a tool (AFF stem) and pushed into the hole but there was no honey. She then left the stick and took on the ground and continued moving.									
900		OUOT	09	OMOL	B/29					
903	OU OM OT09 feeding on phytolacca type fruits.									
915		OUOT	09	OMOL	B/29	✓	PTY	RF		
930		OUOT	09	OMOL	4	✓	4	4		
936	OU grooming OM.									
941	Heard distant calls and this party 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

WL ① AL ① BL ① BU ①

KPC Behavior

DAY 28th MONTH 07 YEAR 09 OBSERVER FM KJ LW AG 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
944	AL WL families joined the party and									HCG AL ⇄ WL.
	AL WL made hand clasp mutual groom.									
945		OU OT WL AL	AT AZ OG WC	OM OL AN	B /29	✓	PHY	RF		
958	OU made vocal displays and				others			pant barked.		
959	Chimps	climbed into		CAF	pant barking.					
1000		OU OT WL AL	AT AZ OG WC	OM OL AN	CEX /29					
1001	WL made vocal displays and				buttress bangs,					
	but no one responded.									
1002	OU slapped OT in the feeding				Tree and					
	one casually avoided screaming.									
1004	BL BU BO joined the party and made				pant barks.					
1005	OU OT threatened BU and she casually									
	avoided screaming.									
1006	BU grooming OU.									
1007	Chain groom, AT → BU → OU.									
1008	Hand clasp mutual groom									HCG AT → BU.
1011	OT threatened AT by shaking branches									
	but he didn't respond.									
1015		BL BU OU OT WL AL	BOAT OG AZ WC	OM OL AN	CEX /29	✓	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 26th MONTH 07 YEAR 09 OBSERVER FmkJRW lw AG 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
1020	AJ ES EU joined the party no calls were made.									
1025	BO played with Om then groomed her.									
1026	AJ started non vocal displays and ES joined him.									
	He made buttress bungs and the others made									
	waars and pant barks.									
1027	WL grooming AT.									
1028	AT played with BO a little bit, then stopped									
	and groomed BL.									
1029	AJ made non vocal displays and BL									
	climbed down a little bit pant barking.									
1030	AJ climbed up and chased BL who ran									
	down screaming as the others pant barked.									
1030	AJES	BU BL OU OT WL AL	BO AT OS AZ WZ	OM OL AN EU	CEX /29	✓	CAF YL			
1032	AJ made attack 2 to BL by kicking and she									
	retaliated bitting his back and he ran away									
	displaying (NVD) and she made waarbarks with									
	the rest of the group. AJ first made NVD.									
1038	OU grooming Om.									
1043	OT grooming Om and WL grooming ES.									

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 26th MONTH 07 YEAR 09 OBSERVER IW AG Fm KJRW 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
1044	Eu Self grooming.									
1045	AJES	BLBU OUOT WLAL	BOAT OGAZ WC	OMOL EUAN	CEX /29	✓	CAF	YL		
1046	AL grooming AN.									
1047	Hand clasp mutual groom									Hcg OU ⇆ OG
1047	AT grooming ES.									
1048	OU grooming OG.									
1050	OT building a day nest in the feeding tree.									
1052	WL grooming WC.									
1053	AT made attack one to BO by slapping									
	and he fled screaming but no one responded.									
1054	BO playing with AZ by touch and swinging.									
1056	BO was heard sneezing.									
1057	AT Self grooming.									
1058	WL building a day nest, 10m high DBH? SP. CBU.									
1059	OG grooming OU.									
1100	AJES	BLBU OUOT WLAL	BOAT OGAZ WC	OMOL EUAN	CEX /29	✓	CAF	YL		
1102	AT grooming AL and OM grooming OU.									
1104	AL grooming AT.									
1105	BU self grooming.									
1106	Hand clasp mutual groom									Hcg AL ⇆ AT.

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

1110 Obs leaving the chimps.