DAY 01 MONTH 08 YEAR 09 OBS-PC ST TMF/40 TW HOW FOUND NEST

	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	ZV	ZJ	GRID	MNK	SP	PT
5:45																																																
6:00																																																
6:15																							X	X	X			X	X	X													X	X	K/23	RDC	—	—
6:30																							X	X	X			X	X	X													X	X			—	—
6:45																							X	X	X			X	X	X													X	X			—	—
7:00																							X	X	X			X	X	X													X	X			—	—
7:15																							X	X	X			X	X	X													X	X			CAP	YL
7:30																							X	X	X			X	X	X													X	X	K/23	RDC	"	"
7:45																							X	X	X			X	X	X													X	X	L/23	None	—	—
8:00																			X	X	X	X	X	X	X			X	X	X													X	X	K/23		FNA	RF
8:15																			X	X	X	X	X	X	X			X	X	X													X	X			"	"
8:30																			X	X	X	X	X	X	X			X	X	X													X	X			"	"
8:45																			X	X	X	X	X	X	X			X	X	X													X	X			"	"
9:00																			X	X	X	X	X	X	X			X	X	X													X	X			"	"
9:15				X															X	X	X	X	X	X	X			X	X	X													X	X			"	"
9:30				X															X	X	X	X	X	X	X			X	X	X													X	X			"	"
9:45				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			"	"
10:15				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			"	"
10:45				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			"	"
11:15				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			—	—
11:45				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			"	"
12:15				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			"	"
12:45				X															X	X	X	X	X	X	X			X	X	X													X	X	K/23	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	ZV	ZJ	GRID	MNK	SP	PT
13:00				X															X	X	X	X	X	X	X			X	X	X													X	X	K/23	None	FNA	RF
13:15				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			"	"
13:45				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			THV	THV
14:15				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			"	"
14:45				X															X	X	X	X	X	X	X			X	X	X													X	X	K/23		"	"
15:00				X															X	X	X	X	X	X	X			X	X	X													X	X	L/23		"	"
15:15				X															X	X	X	X	X	X	X			X	X	X													X	X	"		"	"
15:30				X																			X	X	X																	X	X	K/23		"	"
15:45				X																			X	X	X																	X	X			"	"
16:00				X																			X	X	X																	X	X			URH	RF
16:15																							X	X	X																	X	X			THV	THV
16:30																							X	X	X																	X	X			"	"
16:45																							X	X	X																	X	X			"	"
17:00																							X	X	X																	X	X			"	"
17:15																							X	X	X																	X	X			"	"
17:30																							X	X	X																	X	X			"	"
17:45																							X	X	X																	X	X			FNA	RF
18:00																							X	X	X																	X	X			"	"
18:15																							X	X	X																	X	X			"	"
18:30																							X	X	X																	X	X			"	"
18:45																							X	X	X																	X	X	K/23	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	ZV	ZJ	GRID	MNK	SP	PT
Health				4																																												

COMMENTS 1510 YB seen with a fresh wound to his right hip

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

OL → (1) OT → (1) TG → (1) AL → (1)

KPC Behavior

DAY 01 MONTH 08 YEAR 09 OBSERVER ST 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
610	OBS arrive at nest site									
615		TG AL	AT AZ TT	TS TD AN	J/900				RDC	
630		TG AL	AZ AT TT	TS TD AN	"				RDC	
631	AZ coming out of his night nest. and he									
	entered into AL's nest.									
645		TG AL	AZ AT TT	TS TD AN	J/900				RDC	
700		TG AL	AZ AT TT	TS TD AN	J/900				RDC	
710	AZ left the mothers nest				followed by AL (AN)					
705	AT left his night nest.									
705	AL AZ	AT feeding		CAF	YL		together		with TG	
715		TG AL	AZ AT TT	TS TD AM	J/900	✓	CAF	YL	RDC	
730		TG AL	AZ AT TT	TS TD AN	"	✓	"	"	RDC	
734	chimps climbed down and started traveling									
745		TG AL	AZ AT TT	TS TD AN	L/isol				⊘	
749	chimps climbed into FNA				for feeding					
800		TG AL	AZ AT TT	TS TD AN	L/800	✓	FNA	RF	⊘	
813	OL and family	formed	others		in the feeding tree without					
	making any calls									
815		TG AL OL OT	AZ AT TT OG	TS TD OL AN OM	L/800	✓	FNA	RF	⊘	
830		TG AL OL OT	AT AZ TT OG	TS TD OL AN OM	"	✓	"	"	⊘	

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 01 MONTH 08 YEAR 09 OBSERVER ST 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
832	TT chased OM and she fled screaming in the feeding tree, and OU intervened by chassing TT while OU was making waar-barks and TT fled silent.									
834	TT made attack ① to OM with a slap and made screams but didn't avoid, then OU interved and made attack ① to TT with kicks and TT fled screaming. and some one made waar-barks.									
845		TG AL OU OT	OG AT AZ TT	TS TD AN OM OL	L/800	✓	FNA	RF	∅	
900		TG AL OT OU	OG AT AZ TT	TS TD AN OM OL	L/800	✓	"	"	∅	
909	YB joined the party making Non-Vocal displays and buttress bungs and others made pant-barks									
910	AT approached and groomed YB.									
915	YB	TG AL OT OU	OG AT AZ TT	TS TD AN OM OL	L/800	✓	FNA	RF	∅	
928	TT grooming TS									
929	TS grooming TT									
930	YB	TG AL OT OU	OG AT AZ TT	TS TD AN OM OL	L/800	✓	FNA	RF	∅	
945	YB	TG AL OT OU	OG AT AZ TT	TS TD AN OM OL	L/800	✓	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 01 MONTH 08 YEAR 09 OBSERVER SJ 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
1000	YB	OU AL TG OT	AT AZ TT OL	AN TS OM OL TD	L/500	✓	FNA	RF	∅	
1001	TG grooming TT									
1006	TT grooming TG									
1015	YB	OU AL TG OT	AT AZ TT OL	AN TS TD OM OL	L/500	✓	FNA	RF	∅	
1030	YB	OU AL TG OT	AT AZ TT OL	AN TS TD OM OL	L/500	✓	FNA	RF	∅	
1031	OT makes a day nest and rest in it,									
	full of rest MRK. Height 16m.									
1045	YB	OU AL TG OT	AT AZ TT OL	TS AN OM OL TD	L/500	✓	FNA	RF	∅	
1096	TG (FD) left the feeding tree and entered into									
	an old nest for resting Tree of nest Dios gyros									
	Height 18m.									
1100	YB	OU TG AL OT	AT AZ TT OL	TS AN OM TD OL	L/500	✓	FNA	RF	∅	
1115	YB	OU TG AL OT	AT AZ TT OL	TS OM AN TD OL	L/500	✓	"	"		
1130	YB	OU TG AL OT	AT AZ TT OL	TS OM AN TD OL	L/500				∅	
1145	YB	OU TG AL OT	AT AZ TT OL	TS OM AN TD OL	L/500	✓	FNA	RF	∅	
1151	OT left her day nest									
1200	YB	OU TG AL OT	AZ AT TT OL	TS OM OL AN TD	L/500	✓	FNA	RF	∅	
1215	YB	OU TG AL OT	AZ AT TT OL	TS OM OL AN TA	L/500	✓	"	"	∅	
1221	OU (OL) left the feeding tree									
1227	OU grooming OT									

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 01 MONTH 08 YEAR 09 OBSERVER SJ 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
1230	YB	OU TG AL OT	OG AZ AT TT	OM OL ANTSTD	L/800	✓	FNA	RF	∅	
1235	OU grooming OG									
1237	chain grooming OM → OU → OG									
1241	TG (TD) left her day nest.									
1245	YB	OU TG AL OT	OG AT AZ TT	OM OL ANTS ~~OTT~~	L/800	✓	FNA	RF	∅	
1247	OM grooming OL									
1251	OM grooming OU.									
1253	OG playing with OL by OG kicking OL.									
1255	OM playing with OG by tickling and bite									
1257	OU grooming OM.									
1300	YB	OU TG AL OT	OG AT AZ TT	OM OL ANTSTD	L/800	✓	FNA	RF	∅	
1304	OG approached TG she presented and OG inspected her by smelling on estrous then groomher.									
1306	OU grooming OM.									
1307	OU and OM both grooming OT.									
1312	OU grooming OM.									
1314	OU grooming OT									
1315	YB	OU AL TG OT	OG AT AZ TT	OM OL ANTSTD	L/800	✓	FNA	RF	∅	
11	OU and OM both groom OT									
1316	Handclasp	Mutual groom		OT ⇄		OU				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 01 MONTH 08 YEAR 09 OBSERVER ST 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
1317	OU groom	OT after handclasp.								
1321	OT grooming OU.									
1330	YB	OU AL TG OT	OG AT AZ TT	TS OM OL TD AN	L/SW	✓	FNIA	RF	∅	
1345	YB	TG OU OT AL	AT AZ OG TT	OM OL ANTS TD	"				∅	
"	Handclasp Mutual groom YB ⟷ AL									Hcg
1346	YB grooming AL after handclasp.									
1351	AL grooming AZ.									
1354	YB grooming AL.									
1356	YB grooming himself.									
1357	AZ grooming YB.									
1400	YB	AL OU TG OT	AZ AT TT OG	OM OL ANTS TD	L/SW	✓	THV	TIN	∅	
1415	YB	OU AL TG OT	AT AZ TT OG	OM OL ANTS TD	"	✓	"	"	∅	
1430	YB	OU AL TG OT	AT AZ TT OG	AN OL TS OM TD	"	✓	"	"	∅	
1445	YB	OU AL TG OT	AT AZ TT OG	AN OL TS OM TD	"	✓	"	"	∅	
1449	AL grooming AT									
1450	TG grooming TS									
1451	Handclasp Mutual groom AT ⟷ AL									Hcg
1452	AZ playing with TT by wrestling and									
	patting.									
1452	AT groom AL after handclasp groom									

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

1353 Chumps moved into THV for feeding

KPC Behavior

DAY 01 MONTH 08 YEAR 09 OBSERVER SJ TW IC 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						
1454	TS grooming TG									
1455	AL grooming AT									
1456	Handclasp Mutual groom				AT ⟷ AL					Hcg
1457	AL groom	AT after handclasp			groom					
1500	YB	OC AL TG OT	OC AT AZ TT	OM OL ANTDTS	K/Isule	✓	THV	THV	∅	
1510	YB Seen	with a	fresh	wound	on his				Right	
	hip									
1515	YB	OC AL TG OT	OC AT AZ TT	OM OL ANTDTS	K/Isule	✓	THV	THV	∅	
1522	chimps separated									
1530	YB	TG	TT	TSTD	Isule/MFP	✓	THV	THV	∅	
1531	chimps climbed	up for	feeding		URH	(RF)				
1545	YB	TG	TT	TS TD	Isule/MFP	✓	THV	THV	∅	
1600	YB	TG	TT	TS TD	K/800	✓	URH	RF	∅	
1604	YB separated	from	the	Party						
1615		TG	TT	TSTD	K/800	✓	THV	THV	∅	
1630		TG	TT	TS TD	"	✓	"	"	∅	
1645		TG	TT	TS TD	"	✓	"	"	∅	
1700		TG	TT	TS TD	"	✓	"	"	∅	
1715		TG	TT	TS TD	"	✓	"	"	∅	
1730		TG	TT	TS TD	"	✓	"	"	∅	

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

1559 others YB makes vocal displays and buttress bangs
didnt respond.

KPC Behavior

DAY 01 MONTH 08 YEAR 09 OBSERVER SJ TW IC 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
1734	TG feeding Brown soil from the fallen tree roots									
1743	chimps climbed into FNA for feeding									
1745		TG	TT	TSTD	4/800	✓	FNA	RF	∅	
1800		TG	TT	TSTD	"	✓	"	"	∅	
1815		TG	TT	TSTD	"	✓	"	"	∅	
1828	TG (TD) left the feeding tree									
1830		TG	TT	TSTD	4/800	✓	FNA	RF	∅	
"	TG (TD) entered into an old nest, Tree of nest Olea, Height 34m.									
1845		TG	TT	TSTD	4/800	✓	FNA	RF	∅	
1847	TT makes a night nest, Tree of nest Olea Height 32m									
1850	OBS left 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