DAY 15 MONTH 04 YEAR 09 OBS-PC SJ TMF/40 TIW BP 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	CL	GRID	MNK	SP	PT
5:45																																															
6:00																																															
6:15																																															
6:30																																															
6:45																																															
7:00	X						X	X											X	X	X		X	X											X							X		M/25	-	-	-
7:15	X						X	X											X	X	X		X	X											X							X		"	-	-	-
7:30	X						X																X	X																				"	-	FFT	RF
7:45	X						X																X	X																				"	-	FFT	RF
8:00	X						X																X	X																				N/25	-	FFT	RF
8:15	X						X																X	X																					-	"	"
8:30	X						X																X	X																					-	COA	RF
8:45																							X	X																					-	ANI	RF
9:00																							X	X																					-	ANI	RF
9:15							X		X										X		X		X	X																		X			-	"	"
9:30							X		X										X		X		X	X												X						X			-	"	"
9:45							X		X										X		X		X	X												X						X			-	"	"
10:00							X		X										X		X		X	X												X						X			-	ANI	RF
10:15							X		X										X		X		X	X												X						X			-	"	"
10:30							X		X										X		X		X	X												X						X			-	"	"
10:45							X		X										X		X		X	X												X						X			-	"	"
11:00							X		X										X		X		X	X												X						X			-	ANI	RF
11:15							X		X										X		X		X	X												X						X			-	"	"
11:30							X		X										X		X		X	X												X						X			-	"	"
11:45							X		X										X		X		X	X												X						X			-	"	"
12:00	X		X				X		X		X		X		X															X					X							X		N/25	-	-	-
12:15	X		X				X		X		X		X		X															X					X							X		O/25	-	ANI	RF
12:30	X		X				X		X		X		X		X															X					X							X		4	RDT	"	"
12:45	X		X				X		X		X		X																	X					X							X		"	"	ANI	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	CL				
13:00	X		X				X		X		X		X		X															X					X							X		O/25	RDT	ANI	RF
13:15	X		X				X		X		X		X		X															X					X							X			"	"	"
13:30	X		X				X		X		X		X		X															X					X							X			"	"	"
13:45	X		X				X		X		X		X		X															X					X							X			"	"	"
14:00	X		X				X		X		X		X		X															X					X							X			RDT	ANI	RF
14:15	X		X				X		X		X		X		X															X					X							X			-	"	"
14:30	X		X				X		X		X		X		X															X					X							X			-	-	-
14:45	X		X				X		X		X		X		X															X					X							X		O/25	-	-	-
15:00	X		X				X		X		X		X		X															X					X							X		O/26	-	-	-
15:15	X		X				X		X		X		X		X															X					X							X			-	THN	THN
15:30	X		X				X		X		X		X		X															X					X							X			RDT	THN	THN
15:45	X		X				X		X		X		X		X															X					X							X			RDT	"	"
16:00	X		X				X		X		X		X		X															X					X							X			RDT	THN	THN
16:15	X		X				X		X		X		X		X															X					X							X		O/26	"	"	"
16:30																																															
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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	CL	GRID	MNK	SP	PT
Health	1		1				1	1	1		1				1				1	1	1		1	1							1,2				1							1						

COMMENTS 1416 Lo was heard Coughing
1625 Chumps joined other YBS and Someone following the other

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

group Continued with same data.

Tg → ① OU → ① OT → ①

KPC Behavior

DAY 15 MONTH 04 YEAR 09 OBSERVER ST TW BP 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						
650	OBS arrive at nest site									
700	ST KK PG	TG OU	OG TT	TS OG OT OL	8/12				✓	
715	ST KK PG	TG OU	OG TT	TS OG OT OL	8/12				✓	
715	ST left the night nest.									
717	KK left the nest site									
718	TG leaving the night nest.									
723	KK and ST makes Vocal displays KK makes buttress bangs TG and TT made Pant-barks									
725	KK made Vocal displays and buttress bangs TG and TT made Pant-barks				ST made Pant-hoots					
729	KK made Vocal displays and buttress-bangs and Others didnit respond.									
729	TG TT and TS Climbed into FEX for feeding OU and family plus PG separated from the Party									
730	KK ST	TG	TT	TS	T/13	✓	FEX	RF	✓	
734	KK made Vocal displays and buttress bangs and others didnit respond.									
738	KK made Vocal displays and buttress bangs, and Others didnit respond.									
745	KK ST	TG	TT	TS	T/13	✓	FEX	RF	✓	
746	TG climbed down from FEX followed by TT and TS									

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

TS

KPC Behavior

DAY 15 MONTH 04 YEAR 09 OBSERVER SJ TW BP 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
755	KK TT and climbed into FEx for feeding									
800	KK ST	TG	TT	TS	B/11	✓	FEx	RF	Ø	
805	KK climbed down from FEx									
815	KK ST	TG	TT	TS	B/11	✓	FEx	RF	Ø	
818	TG TT and TS climbed down from the feeding tree. and ST separated from the party.									
829	Chimps climbed into COA for feeding making pant-hoots									
830	KK ST	TG	TT	TS	H/10	✓	COA	RF	Ø	
835	TT TG and TS climbed									
843	Chimps climbed into ANI TT TG and TS making food barks KK and ST separated from party									FBK
845		TG	TT	TS	M/10	✓	ANI	RF	Ø	
848	Distant calls heard from East of K-30 blue and the focal IDs responded with pant-hoots									
850	Distant calls heard from East of K-30 Blu and the focal IDs responded with food barks									FBK
900		TG	TT	TS	M/10	✓	ANI	RF	Ø	
904	Other IDs joined the party, making pant-hoots.									
915	KK ES	OU TG	OG TT	TS OT OM OL EU	M/10	✓	ANI	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

LR → ① BL → ① QT → ①

KPC Behavior

DAY 15 MONTH 04 YEAR 09 OBSERVER ST TW BP 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
924	Distant Calls heard from West of K-30 BLU									
	and the focal IDs made Pant-hoots									
925	WL (WC) Joined the party without making any Calls									
930	KK ES	TG OU WL	OG TT WC	TS EU OM OT OL	M/10	✓	ANI	RF	Ø	
945	KK ES	TG WL OU	OG WC TT	TS EU OM OT OL	"	✓	"	"	Ø	
1000	KK ES	TG WL OU	OG WC TT	TS EU OM OT OL	"	✓	"	"	Ø	
1015	KK ES	TG WL OU	WC OG TT	TS EU OM OT OL	"	✓	"	"	Ø	
1030	KK ES	WL TG OU	WC OG TT	TS EU OM OT OL	"	✓	"	"	Ø	
1045	KK ES	TG OU WL	WC OG TT	TS EU OL OM OT	"	✓	"	"	Ø	
1100	KK ES	TG OU WL	WC OG TT	TS EU OL OM OT	"	✓	"	"	Ø	
1115	KK ES	TG OU WL	WC OG TT	TS EU OL OM OT	"	✓	"	"	Ø	
1130	KK ES	TG OU WL	WC TT OG	TS EU OL OM OT	"	✓	"	"	Ø	
1144	Distant Calls heard from ~~East~~ North of K-30 BLU									
	and the focal IDs responded with Pant-hoots									
1145	KK ES	TG OU WL	WC TT OG	TS EU OL OM OT	M/10	✓	ANI	RF	Ø	
1148	KK WL (WC) and others climbed down from ANI									
1153	Some individuals joined the party KK made									
"	Vocal displays and buttress bungs and others									
	made waars.									
1154	ES made non-Vocal displays and buttress									

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

bungs and EU made waars and others

KPC Behavior

DAY 15 MONTH 04 YEAR 09 OBSERVER SJ SM TW mk 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
1157	PG KK and BB made joint non-vocal displays									
	displays KK made buttress bungs OT QT fled									
	silent climbing trees and BB continued making NUD									
	and chased ST who fled screaming climbing a									
	tree and making waars									
1158	KK made non-vocal displays and buttress									
	bungs and other individuals made waars									
1200	KK BB ST YB PG TJ PB ES LK	OU QT TG WL BL LR	WC TT BO OG QV AT LO	OT OM NP OL TS EU	M/10				Ø	
1206	chimps climbed into ANI at M/8 making food									
	barks									FBK
1213	QT stick sponging and eats honey from a tree hole.									
1215	KK BB ST YB PG TJ PB ES LK	OU QT TG WL BL LR	WC TT AT LO OG QV BO	OT OM OL NP TS EU	M/8	✓	ANI	RF	Ø	
1230	KK BB ST YB LK PG TJ PB ES	OU QT TG WL BL LR	WC TT LO OG QV BO AT	OT OM OL NP TS EU	M/8	✓	ANI	RF	RDT	
1236	PG climbed down from ANI followed by others									
1237	PG went to the tree hole where there was honey									
	and tried to put a[illegible] the fingers but they could									
	not get into it and he went away									
1245	KK BB ST YB LK PG TJ PB ES	OU QT TG WL BL LR	WC TT OG LO QV BO AT	OT OM OL NP TS EU	M/8	✓	ANI	RF	RDT	
1249	KK grooming PG.									
1253	BO playing with AT by wrestling									

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 15 MONTH 04 YEAR 09 OBSERVER SJ SM TW MK 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						
1300	KK ST LK YB BB PG TJ ES PB	OU TG LR QT WL BL	OG TI LO AT QV WC BO	OT OM LO TS EU NP	M/8	✓	AMI	RF	RDT	
1310	QT (QV) Climbed down from ANI									
1315	KK ST LK YB BB PG TJ ES PB	OU TG LR QT WL BL	OG TI LO AT QV WC BO	OT OM LO TS EU NP.	M/8	✓	AMI	RF	RDT	
1320	PG made non-Vocal displays and made attack ① to BL with a kick and BL fled screaming climbing a tree, KK and LK Made non-Vocal displays towards PG and he fled silent.									
1326	PG made non-Vocal displays and Someone fled Pant-barking.									
1330	KK ST LK YB BB PG TJ ES PB	OU LR TG QT WL BL	OG TI LO AT QV WC BO	OT OM OL TS EU NP	M/8	✓	AMI	RF	RDT	
1345	KK ST LK YB BB PG TJ ES PB	OU LR TG QT WL BL	OG TT LO QV WC BO	OT OM OL TS EU NP	"	✓	AMI	RF	RDT	
1347	BL approach Pant-grunt to KK and KK groom									PTG BL
1400	KK ST LK YB BB PG TJ ES PB	OU LR TG QT WL BL	OG TI LO AT QV WC BO	OT OM OL TS EU NP	M/8	✓	AMI	RF	RDT	
1415	KK ST LK YB BB PG TJ ES PB	OU LR TG QT WL BL	OG TT L.							
1416	LO was heard Coughing (wet Cough).									
1418	KK made non vocal displays QT LR LK Tavoided fled Pant-barking all climbed trees, then ES and PG also made non-Vocal displays ES chased WL She fled Screaming and Extended a hand to PB and They Shook.									

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):

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1304 WL made waar-barks and chased OG and he fled Screaming and approach KK and Extend a hand to him KK ignored

KPC Behavior

DAY 15 MONTH 04 YEAR 09 OBSERVER SJ SM TW MK BP 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
1419	PB made non-Vocal displays towards TG TT and TS									
	and they all fled climbing trees Pant-barking. And									
	the sametime ES and PG made non-Vocal displays then									
	ES climbed up the tree chased TG and made attack									
	(1) to TG with slaps. then TG also retaliated and exch-									
	anged slaps, bites and kicks with ES while screaming. ES fled									
	making non-Vocal displays through branches, while									
	TJ TT TS and others made Waar-barks. And KK made									
	non-Vocal displays on the ground and PB continu-									
	ed Marking NVD and ground slapping.									
1430	KK BB ST LK MB PG PB ES TJ	TG OU LR QT WL BL	TT OG LO QV WC BO	OT OM OL ES TS NP	M/8				⊘	
1436	TG feeding CAF YL.									
1438	TG feeding on brown soil from the fallen tree roots									
1442	TT Playing with OG by wrestling and hitting									
1445	KK BB ST LK MB PG PB ES TJ	TG OU LR QT WL BL	TT OG LO QV WC BO	OT OM OL ES TS NP	M/8				⊘	
1447	TG grooming TS									
1451	KK feeding on TRI YL									
1454	KK made Vocal displays and buttress bangs									
	and Other IDs didnt respond.									
1459	AL and AZ Joined the Party She made Pant-barks									

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

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And Others didnt respond

KPC Behavior

DAY 15 MONTH 04 YEAR 09 OBSERVER SJ SM TW MK 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						
1500	KK BB ST LK YB PG ES TJ PB	BL OU AL LR QT WL	BO OG AZ AT LO QV WC	OT OM OL TS EU NP	N/G				Ø	
1507	Chimps moved into THV.									
1515	KK BB ST LK YB PG ES TJ PB	BL OU AL LR QT WL	BO OG AZ LO AT QV WC	OT OM EU TS NP OL	N/G	✓	THV	THV	Ø	
1519	Someone chased OG and he fled screaming Moving towards OU who approached making waar-barks.									
1530	KK BB ST LK YB PG ES TJ PB	TJ OU BL LR QT WL	OG TT BO LO AT QV WC	OT OM OL TS	CT/10	✓	THV	THV	RDT	
1534	Someone was attacked in THV and the victim made screams and others made waar-barks.									
1545	KK BB ST LK YB PG ES TT PB	TJ OU BL LR QT WL	OG TT BO	OT OM OL TS	CT/10	✓	THV	THV	RDT	
1600	KK BB ST LK YB PG ES TJ PB	BL OU BL LR QT WL	OG TT BO LO AT QV WC	OT OM OL TS	"	✓	"	"	RDT	
1615	KK BB ST LK YB PG ES TJ PB	BL OU TJ LR QT WL	OG TT BO LO QV WC AT	OT OM OL TS	"	✓	"	"	RDT	
1620	Another OBS Continued with the same Data									

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