DAY 04th MONTH March YEAR 09 OBS-PC SM TMF/40 SJ HOW FOUND FT

	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	JK	HH	LS	NP	EU	6V	WC	GRID	MNK	SP	PT
Estrus																								2				1				1					1	1											
5:45																																																
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7:15	X								X	X	X													X	X	X															X			M/26	None	FCP	RF
7:30	X								X	X	X													X	X	X															X						
7:45	X								X	X	X													X	X	X															X						
8:00	X								X	X	X													X	X	X															X				FCP	RF
8:15	X								X	X	X													X	X	X																			FCP	RF
8:30	X								X	X	X													X	X	X																		M/26	—	—
8:45	X			X					X	X														X	X	X													X			X		M/25	FNA	RF
9:00	X			X					X	X														X	X	X						X					X			X						
9:15	X			X					X	X														X	X	X						X					X			X						
9:30	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						
10:00	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						
10:30	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						
11:00	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						
11:30	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						
12:00	X		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			X						
12:30	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			M/25	None	FNA	RF
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	JK	HH	LS	NP	EU	6V	WC				
13:00	X		X				X	X	X		X													X	X	X			X	X		X					X			X			M/25	None	FNA	RF
13:15	X		X				X	X	X		X													X	X	X			X	X		X					X			X			"	"	—	—
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	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	JK	HH	LS	NP	EU	6V	WC	GRID	MNK	SP	PT
Health	1		1	1			1	1	1	1	1													1	1	1			1	1		1	1			1	1				1	1	1	2				

COMMENTS WC was heard Sneezing and No monkey's encountered.

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

TG (2) GT (1)

KPC Behavior

DAY 04th MONTH March YEAR 09 OBSERVER SM SJ 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
713	OBs found chimps in FCP tree feeding at									B/27
715	ST PG PB ES TJ	TG	TT	TS Eu	B/27	✓	FCP	RF	Ø	
725	Silent cop. with dart appro. F→M 9sec no groom							no	Inter	CP PB→TG ference
730	ST PG PB ES TJ	TG	TT	TS Eu	B/27	✓	FCP	RF	Ø	
743	PG approached PB and he supplanted him. PB									
	fled screaming									
745	ST PG PB ES TJ	TG	TT	TS Eu	B/27	✓	FCP	RF	Ø	
800	ST PG PB ES TJ	TG	TT	TS Eu	11	✓	11	11	Ø	
803	Heard distant calls from north west of K 14									
	this party									
806	PG ES Eu PB leaving the feeding tree reach									
	on and moved shortly									
807	GT Gv joined the party making pant barks									
	but others didn't respond.									
809	PG ES PB Eu GT Gv left the party and									
	moved away.									
815	ST TJ	TG	TT	TS	B/27	✓	FCP	RF	Ø	
825	ST and TG with her family leaving the									
	feeding tree reach on ground then moving									
830	ST TJ	TG	TT	TS	B/GL				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) WL (1)

KPC Behavior

DAY 04th MONTH March YEAR 09 OBSERVER SM SJ 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
838	Climbs joined Other Individuals in						FNA	tree		both
	Made pant hoots									
837	Q approach pant grunting to TJ and she groomed him									PTG
845	ST PG ES PB YB TS	TG QT	TT QV	TS EU	B/21	V	FNA	RF	Ø	
850	QT chassed TT who fled screaming and ES									
	made non vocal displays in afeeding tree									
900	TT PG PB ES PB ST	TG QT	TT QV	TS EU	B/21	V	FNA	RF	Ø	
902	LR LO WL WC joined the party and WL made									
	pant barks some ID's responded with pant									
	hoots									
906	ES and EU leaving the feeding tree and moved away									
912	ST chassed PB in afeeding tree he fled screaming									
915	TJ PG YB ST PB	TG LR WL QT	LO WC TT QV	TS	B/21	V	FNA	RF	Ø	
917	KK and BB joined the party both made joint									
	non vocal displays and buttress brings Others									
	made pant barks and pant hoots									
920	PB entered into old nest and Im moving in then									
	nest tree = Bersama									
925	BB made non vocal displays and chassed YB									
	both left the tree while YB avoiding flee screaming at same time BB chassed PB out of day nest he fled V screaming Others made pant barks.									

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 04th MONTH March YEAR 09 OBSERVER JM SM ST 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
926	KK Made non vocal displays and LR fled screaming									
930	YB KK BB PB PG TJ ST	TG LR WL QT	QV WC LO TT	TS	B/21	✓	FNA	RF	Ø	
932	PG made non vocal displays and Chassed TJ									
	he fled screaming									
932	BB Made non vocal displays and buttress									
	bungs as he climb into afeeding tree									
932	YB grooming him self and PB entered Old nest									
	and rest									
944	LK and NP joined the party Others Made									
	pant hoots									
945	KK BB LK PG PB TJ YB ST	TG LR WL QT	TT LO QV WC	NP TS	B/21	✓	FNA	RF	Ø	
945	LK Chassed WL in afeeding tree She fled									
	Screaming at Same time TG leaving the									
	tree and She entered old nest and rest tree									
	= Bersama HT = 10 m									
948	TT build a day nest and rest tree = Bersama									
	HT = 9m									
949	QT build a day nest and rest tree = Markamia									
	HT = 7m									
953	YB grooming PG									

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 04th MONTH March YEAR 09 OBSERVER TM SM SJ 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						
955	PG grooming YB									
957	PB leaving the day nest									
958	PB Made a ground nest and rest									
1000	KK BB LK YB ST PG PB TS	TG LR WL QT	TT LO WC QV	TS NP	B/21	✓	FNA	RF	Ø	
1011	BB leaving the feeding tree at Same time									
	QT (QV) leaving the nest									
1013	ST Leaving the feeding tree									
1015	KK BB LK YB ST PG PB TS	TG LR WL QT	TT LO WC QV	TS NP	B/21	✓	FNA	RF	Ø	
1021	LR (LO) leaving the feeding tree									
1024	LR grooming PB									
1026	Hand clasp Mutual groom				LR	↔	PB			Hcg
1027	Mutual groom after hand clasp				LR	↔	PB			
1028	Hand clasp mutual groom				LR	↔	PB			Hcg
1029	PB groomed LR after hand clasp									
1030	KK ST PG LK BB TS YB PB	TG LR WL BT	QV LO TT WC	TS NP	B/21	✓	FNA	RF	Ø	
1031	Hand clasp mutual groom				PB	↔	LR			Hcg
1032	LR grooming PB after hand clasp									
1033	PB grooming LR									
1037	Hand clasp mutual groom				PB	↔	LR			Hcg
1038	Tg leaving the nest									

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 04th MONTH March YEAR 09 OBSERVER TM SM ST 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
1038	LR groomed PB after			hand clasp						
1039	QT grooming KK									
1041	Chain groom WL → KK → BB									
1042	TT leaving the nest									
1043	Silent cop. no dart approx. M → F (see				no grooming interference					KK → CP → TG
1045	KK BB LK ST YB PB PG TS	TG LR WL QT	TT WC LO QV	TS NP	B/21	✓	FNA	RF	Ø	
1046	WL grooming TG									
1059	ST grooming TG									
1100	KK LK TT PG YB BB ST	TG LR WL QT	TT WC LO QV	TS NP	B/21	✓	FNA	RF	Ø	
1101	ST grooming BB and			LK grooming KK						
1102	Chain groom WL → LK → KK									
1103	Chain groom TT → TG → TS									
1105	BB grooming ST									
1107	Hand clasp mutual groom KK ↔ LK									HCG
1108	WL playing with WC where by WL patting on WC									AP
1108	WC was heard sneezing									
1109	Chain groom after hand clasp				KK → LK → WL					
1111	WL and KK both grooming LK									
1113	Hand clasp mutual groom KK ↔ LK									HCG
1113	LK groomed KK after hand clasp									

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

AL (1)

KPC Behavior

DAY 04th MONTH March YEAR 09 OBSERVER SM SJ EM 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						
1115	TJ KK BB LK PG ST PB YB	TG WL LR BT	TT BW WC LO	NP TS	B/21	✓	FNA	RF	Ø	
1115	LK Made non vocal displays BB				ST	TT fled			Silent	
	TT Climbed atree and WL fled pant barking				climb	atree	then	LK		
	Made attack (1) to TG With kicks and				slaps	She	fled			
	Screaming and KK Made non vocal displays									
	towards LK and TG then LK				Continued	displaying				
	TG Made waar barks.									
1117	KK made non vocal displays				BT	and	Some	ID's		
	Made pant barks									
1125	LK grooming BT									
1130	TS KK LK PG PB YB BB SI	TG WL LR BT	TT WC LO BW	TS NP	B/21	✓	FNA	RF	Ø	
1130	Chain groom TJ → KK → BB									
1142	AL AT AZ	joined the party	Making	pant	barks					
	Others didn't respond									
1145	KK TJ BB SI PG PB LK	LR AL WL TG BT	TT BW AT LO AZ	TS NP	B/21	✓	FNA	RF	Ø	
1147	TJ grooming himself									
1149	TJ grooming BT									
1159	BT grooming TJ									
1159	WL Chassed NP out of the	feeding	tree	She						
	fled Screaming									

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 04th MONTH March YEAR 09 OBSERVER SM SJ 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						
1200	KK YB TJ BB PG PB LK ST	LR WL QT AL TG	TT AT AZ BV WC LO	TS NP	B/21	✓	FNA	RF	Ø	
1203	Hand clasp mutual groom				TJ ⟷ QT					Hcg
1204	QT groomed TJ after hand clasp									
1206	TJ grooming QT									
1208	LK grooming himself									
1215	KK YB TJ BB PG PB LK ST	LR WL QT AL TG	TT AT AZ BV WC LO	TS NP	B/21	✓	FNA	RF	Ø	
1230	KK YB TJ BB PG PB LK ST	LR WL QT AL TG	TT AT AZ BV WC LO	TS NP	〃	✓	〃	〃	Ø	
1245	KK YB TJ BB PG PB LK ST	LR WL QT AL TG	TT AT AZ BV WC LO	TS NP	〃	✓	〃	〃		
1300	KK YB TJ BB PG PB LK ST	LR WL QT AL TG	TT AT AZ BV WC LO	TS NP	〃	✓	〃	〃		
1312	Chimps leaving the feeding tree and reach									
	On ground then moving									
1315	KK YB TJ BB PG PB LK ST	LR WL QT AL TG	TT AT AZ BV WC LO	TS NP	B/23				Ø	
1317	OBS leaving Chimps travelling on ground				~ WC	Come back				
	heading east of K 14									
	for burial									

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