DAY 23rd MONTH 03 YEAR 2009 OBS-PC Fm TMF/40 SJTWKJ HOW FOUND C

	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	GRID	MNK	SP	PT
Estrus																																															
5:45																																															
6:00																																														
6:15																																														
6:30																																														
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7:00	X		X				X				X												X	X																		N/25		FEx	RF
7:15	X		X				X				X												X	X																					
7:30	X		X				X				X												X	X																					
7:45	X		X				X				X												X	X																X					
8:00	X		X				X				X												X	X																X					
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		N/25		—	—
9:15	X		X				X				X												X	X																X		N/26		—	—
9:30	X		X				X				X												X	X																X				FEx	RF
9:45	X		X				X				X												X	X																X					
10:00	X		X				X				X												X	X																X					
10:15	X		X				X				X												X	X																X					
10:30	X		X				X				X												X	X																X					
10:45	X		X				X				X												X	X																X					
11:00	X		X				X				X												X	X																X				FEx	RF
11:15	X		X				X				X												X	X																X				—	—
11:30	X		X				X				X												X	X																X				—	—
11:45	X		X				X				X												X	X																X				—	—
12:00	X		X				X				X												X	X																X			MGb	—	—
12:15	X		X				X				X												X	X																X			"	—	—
12:30	X		X				X				X												X	X																X			"	FEx	RF
12:45	X		X				X				X												X	X																X		N/26	MGb	"	"
	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				
13:00	X		X				X				X												X	X																X		N/26	MGb	FEx	RF
13:15	X		X				X				X												X	X																X				—	—
13:30	X		X				X				X												X	X																X				—	—
13:45	X		X				X				X												X	X																X				CAF	YL
14:00	X		X				X				X												X	X																X				FCP	UF
14:15	X		X				X				X												X	X																X				"	"
14:30	X		X				X				X												X	X																X				THV	THV
14:45	X		X				X				X												X	X																X			MGb	"	"
15:00	X		X				X				X												X	X																X				FCP	UF
15:15	X		X				X				X												X	X																X				"	"
15:30	X		X				X				X												X	X																X				THV	THV
15:45	X		X				X				X												X	X																X				"	"
16:00	X		X				X				X												X	X																X				FCP	UF
16:15	X		X				X				X												X	X																X				—	—
16:30	X		X				X				X												X	X																X				CAU	RF
16:45	X		X				X				X												X	X																X				CAF	YL
17:00	X		X				X				X												X	X																X		N/26		"	"
17:15	X		X				X				X												X																	X		M/27		THV	THV
17:30	X		X				X				X												X																	X					
17:45	X		X				X				X												X																	X					
18:00	X		X				X				X												X																	X					
18:15	X		X				X				X												X																	X					
18:30	X		X				X				X												X																	X					
18:45	X		X				X				X												X																	X		M/27		THV	THV
19:00																																														
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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	GRID	MNK	SP	PT
Health	1		1				1				1												1	2																1					

COMMENTS TT was heard coughing very much. (productive).
From 1215 – 1300 we also had Blu monkeys.

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

From 730 – 845 Chimps were also feeding on PTE, FL.

TS ①

KPC Behavior

DAY 23rd MONTH 03 YEAR 09 OBSERVER FM SJTW 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
659	Obs found chimps feeding on				FEX		etc	E/7		
700	LK ST YB TJ	TG	TT	TS	E/7	✓	FEX	RF		
715	LK YB ST TJ	TG	TT	TS	〃	✓	〃	〃		
725	TG TS TT	climbed into PTE.								
730	LK ST YB TJ	TG	TT	TS	E/7	✓	FEX PTE	RF FL		
734	LK joined the party together with						MP.			
745	LK LK ST YB TJ	TG	TT	TS NP	E/7	✓	FEX PTE	RF FL		
800	LK LK ST TJ YB	TG	TT	TS NP	〃	✓	〃	〃		
815	LK LK ST TG YB	TG	TT	TS NP	〃	✓	〃	〃		
830	LK LK ST TJ YB	TG	TT	TS NP	〃	✓	〃	〃		
845	LK LK ST TJ YB	TG	TT	TS NP	E/7	✓	FEX PTE	RF FL		
847	TG TS TT	leaving the PTE and the party started moving.								
854	LK LK made vocal displays and TG									
	ran into the tree part barking.									
856	LK made non vocal displays chasing TG who									
	fled screaming and made tantrum.									
857	LK made non vocal displays and attack to TG									
	by slapping and kicking, Immediately ST also made									
	non vocal displays and attack one to TG by kicking									
	and she screamed then vocalized and ST fled									

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 23rd MONTH 03 YEAR 09 OBSERVER TW FM SJ KJ 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						
	screaming into the tree and mounted LK.									
858	KK made non vocal displays and attack 2 to									
	TG by kicking and slapping. She screamed									
	but didn't avoid.									
859	KK made non vocal displays chasing ST who fled									
	screaming, and KK made buttress bungs. TS									
	also fled into the tree pant barking.									
859	TT was heard canging very much. (productive).									
900	KK YB TJ LK ST	TG	TT	TSNP	K/10					
900	TJ made non vocal displays chasing									
	NP who fled screaming.									
901	KK YB made joint vocal displays and others pant hooted.									
914	YB KK LK made joint vocal displays and YB									
	made buttress bungs.									
915	LK KK ST TJ YB	TG	TT	TSNP	K/15					
917	KK made vocal displays and buttress bungs,									
	and others responded with pant hoots and barks.									
919	KK made vocal displays and buttress bungs again,									
	and others made pant barks and food barks									
	then climbed into FEx.									

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 23rd MONTH 03 YEAR 09 OBSERVER TW FMSSKJ 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	LKKK ST YB TJ	TG	TT	TSNP	K/S	✓	FEX	RF		
945	LKKK STTJ YB	TG	TT	TSNP	〃	✓	〃	〃		
1000	LKKK STTJ YB	TG	TT	TSNP	〃	✓	〃	〃		
1010	TG building 9 day nest.									
1015	LKKK STTJ YB	TG	TT	TSNP	K/S	✓	FEX	RF		
1030	LKKK STTJ YB	TG	TT	TSNP	〃	✓	〃	〃		
1045	LKKK STTJ YB	TG	TT	TSNP	〃	✓	〃	〃		
1100	LKKK STTJ YB	TG	TT	TSNP	〃	✓	FEX	RF		
1103	Some IDs leaving the FEX and rested on ground.									
1110	TJ grooming LK.									
1115	TJ made vocal displays and buttress bungs									
	and others pant hooted.									
1115	LKKK STTJ YB	TG	TT	TSNP	K/S					
1116	TJ made vocal displays and buttress bungs, and									
	LK with some others pant hooted.									
1119	LK TJ made joint vocal displays and buttress									
	bungs and others pant hooted.									
1121	TJ made vocal displays and buttress bungs,									
	and LK with others pant hooted.									

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 25rd MONTH 03 YEAR 09 OBSERVER FM SJ KJ 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						
1130	LKKK ST TJ YB	T9	TT	TS NP	K/15					
1139	kk made non vocal displays and kk casually									
	and silently avoided, then ST approached									
	pant barking and groomed kk.									
1140	Chain groom kk → kk → ST.									
1142	kk grooming KK.									
1145	LKKK ST TJ YB	T9	TT	TS NP	K/15					
1200	LKKK ST TJ YB	T9	TT	TS NP	4				mgb	
1215	LKKK ST TJ YB	T9	TT	TS NP	4				mgb Blue	
1230	T9 leaving the day nest.									
1230	LKKK ST TJ YB	T9	TT	TS NP	K/15	✓	FEX	RF	mgb Blu	
1245	LKKK ST TJ YB	T9	TT	TS NP	4	✓	4	4	4	
1300	LKKK ST TJ YB	T9	TT	TS NP	4	✓	4	4	4	
1309	T9 TS TT YB leaving the FEX.									
1315	LKKK ST TJ YB	T9	TT	TS NP	K/15				mgb	
1316	kk kk made joint vocal displays and kk made									
	buttress bangs and TT NP yled silently.									
1320	kk kk made joint vocal displays and									
	TT NP ran into trees pant barking.									

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 23rd MONTH 03 YEAR 09 OBSERVER FmSJTW 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						
1321	Lk made non vocal displays				and		LK	ST	casually	
	and silently avoided.									
1330	LKKL ST TJ MB	TG	TT	TS NP	K/15				mgb	
1338	Chimps moved into the logged area just THV.									
1345	LKKL ST TJ MB	TG	TT	TS NP	BFP/21	✓	CAF THV	MB THV	mgb	
1400	LKKL ST TJ MB	TG	TT	TS NP	"	✓	FCP THV	UF THV	"	
1408	TT grooming TS.									
1415	LKKL ST TJ MB	TG	TT	TS NP	BFP/21	✓	FCP THV	UF THV	mgb	
1430	LKKL ST TJ MB	TG	TT	TS NP	"	✓	THV	THV	"	
1445	LKKL ST TJ MB	TG	TT	TS NP	"	✓	"	"	"	
1500	LKKL ST TJ MB	TG	TT	TS NP	"	✓	FCP	UF		
1515	LKKL ST TJ MB	TG	TT	TS NP	"	✓	"	"		
1520	TG TT TS leaving the FCP.									
1530	LKKL ST TJ MB	TG	TT	TS NP	BFP/21	✓	THV	THV		
1545	LKKL ST TJ MB	TG	TT	TS NP	"	✓	"	"		
1556	TG TT TS climbed into FCP and fed on un ripe fruit									
1600	LKKL ST TJ MB	TG	TT	TS NP	BFP/21	✓	FCP	UF		
1609	Chimps started moving.									
1615	LKKL ST TJ MB	TG	TT	TS NP	S/BFP					

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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KPC Behavior

DAY 23rd MONTH 03 YEAR 09 OBSERVER Fm TW SJ KJ 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
1620	Chimps climbed into CDU at				GLT /23					
1622	T9 approached pant grunting and presented									PT9
	to LK who inspected her by touching on									
	the Estrous and smelling on the fingers.									
1630	LKKK ST TJ YB	T9	TT	TSNP	GLT /23	✓	CDU	RF		
1635	The males leaving the feeding tree.									
1637	It started drizzling and chimps did nothing									RN
1645	LKKK ST TJ YB	T9	TT	TS NP	GLT /23	✓	CAF	YL		
1653	It stopped raining.									
1700	LKKK ST TJ YB	T9	TT	TSNP	GLT /23	✓	CAF	YL		
1701	Heard distant calls from the East and									
	this party responded with war barks. Immediately									
	the males started moving but T9 TS TT NP stayed behind.									
1715	LKKK ST TJ YB				S /28	✓	THV	THV		
1730	LKKK ST TJ YB				"	✓	"	"		
1745	LKKK ST TJ YB				"	✓	"	"		
1800	LKKK ST TJ YB				"	✓	"	"		
1815	LKKK ST TJ YB				"	✓	"	"		
1830	LKKK ST TJ YB				S /28	✓	THV	THV		

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 23rd MONTH 03 YEAR 09 OBSERVER Fm KJ 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						
1834	LK moved	into an	old nest, 15m	high, DBH 30cm (E)						
	and started	improving it.	(sp. Dipterocarpus).							
1843	ST building a night 9m high, DBH ? sp. Albizzia.									
1845	LKKM STTJ MB				S/28	✓	THV	THV		
1850	Obs leaving the nest site and				other					
	IDs were still feeding.									

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