DAY 13th MONTH APRIL YEAR 2009 OBS-PC KJ TMF/40 SJ FM TW BB 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	GRID	MNK	SP	PT
Estrus																																															
5:45																																															
6:00																																															
6:15																																															
6:30	X						X																																	X			M127		—	—
6:45	X						X																																	X					—	—
7:00	X						X																																	X					—	—
7:15	X						X				X	X																												X					FCP	RF
7:30	X						X				X	X																												X					↓	↓
7:45	X						X				X	X																												X						
8:00	X						X				X	X																												X			M127		FCP	RF
8:15	X						X				X	X																							X	X	X			X			N126		—	—
8:30	X						X				X	X																							X	X	X			X			N126		CAF	UL
8:45	X						X				X	X																							X	X	X			X			N126		—	—
9:00	X						X				X	X																							X	X	X			X			O125		ANI	RF
9:15	X						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						
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10:45	X						X				X	X																							X	X	X			X						
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12:15	X						X				X	X																							X	X	X			X					ANI	RF
12:30	X						X				X	X																							X	X	X			X						
12:45	X						X				X	X																							X	X	X			X						
	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
13:00	X						X				X	X																							X	X	X			X			O125		ANI	RF
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Health	1						1				1	2																							1	1	1			1						

COMMENTS TJ was heard sneezing.

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

KPC Behavior

WL ① CT ①

DAY 13 MONTH APRIL YEAR 2009 OBSERVER KJ SJ 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
730	KK ST PB TJ			NP	S/K	✓	FCP	RF UF	∅	
745	KK ST BP TJ			NP	"	✓	FCP	RF UF	∅	
800	KK ST PB TJ			NP	"	✓	FCP	RF UF	∅	
801	chimps coming down from				FCP					
814	chimps joined WL and CT families, no. any									
	calls made.									
15	KK ST PB TJ	WL CT	WCAV	NP	S/BFP				∅	
817	chimps started feeding on THV.									
830	KK ST PB TJ	WL CT	CAV WC	NP	S/BFP	✓	CAF THV	WL THV	∅	
834	WL chased NP and she fled screaming.									
	Others did not respond.									
840	ST and KK made joint vocal displays and									
	buttress bangs. WL and NP made									
845	KK ST PB TJ	WL CT	CAV WC	NP	S/KFD				∅	
852	KK and ST made joint vocal displays									
	and buttress bangs WL joined them with									
	vocal displays. NP made waas.									
854	chimps climbed into ANI making food									
	bags.									

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 13 MONTH APRIL YEAR 2009 OBSERVER KJ SJ FM TL BP GT 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						
859	QT went to GRUBER's (GT) hole of honey for his experiment and broke a stick of about 56 x 0.6 cm and started using it to get honey combs from the hole.									TLU
900	KK ST PB TJ	WL QT	WC QV	NP	M/8	✓	ANI	RF	Ø	
902	QT chewed one end of the stick and pressed it into the hole then started looking on to the stick.									
904	she (QT) continued chewing the stick to make it more spongy and pressed it inside the hole squizing out the honey from the comb and then looking the stick.									
907	QT broke another stick which is 40 cm x 0.4 chewed one end and pressed it into the hole get honey.					✓				TLU
910	she broke another stick 26 x 0.3 cm and did the same chewing one end									TLU
915	KK ST PB TJ	WL QT	WC QV	NP	M/8	✓	ANI	RF	Ø	
930	KK ST PB TJ	WL QT	WC QV	NP	"	✓	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

KPC Behavior

DAY 13 MONTH APRIL YEAR 2009 OBSERVER KJSSFM 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						
945	KK ST TJ PB	WL OT	WC OV	NP	M/8	V	ANI	RF	Ø	
957	WL WC coming out of the feeding tree and entered into a day nest in CAF									
1050	KK ST PB TJ	WL OT	WC OV	NP	M/8	V	ANI	RF	Ø	
1025	KK ST PB TJ	WL OT	WC OV	NP	11	V	ANI	RF	Ø	
1030	KK ST PB TJ	WL OT	WC OV	NP						
	Distant calls were heard from the south west of K30 blue this party responded with waars.									
1045	KK ST PB TJ	WL OT	WC OV	NP	M/8	V	ANI	RF	Ø	
1047	chimps came down and ST KK & TJ made vocal displays and buttress bangs others made waars but PB stayed in the tree feeding									
1049	KK ST and TJ made joint vocal displays and buttress bangs others made waars.									
1051	TJ reached at the hole of honey which was prepared by GRUBER(GT) for his experiment and got a stick used by OT and started getting honey by pressing it into the hole and licking it.									TLU

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 13 MONTH APRIL YEAR 2009 OBSERVER KT SJ FM T BP GT 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
1055	TJ walked away then NP supplanted and									
	she got a stick also used by QT put it into the hole and lecked it but the honey									TLU
	was finished.									
1100	KK ST PB TJ	WL QT	WC QV	NP	N/6	✓	AN	RF	Ø	
1107	QT grooming KK.									
11	WL grooming WC									
1112	QV playing with KK by touching him									AP
1113	KK approached WL who made pant grunts before him then KK groomed her.									PTG
1115	KK ST PB TJ	WL QT	WC QV	NP	N/6	✓	AN	RF	Ø	
11	WL grooming KK.									
1117	QV & WC are playing together by swinging on branches.									
1121	KK grooming ST									
1127	QT grooming TJ as LR LO joined the party.									
1129	NP playing with QV by touching him.									
1130	KK ST PB TJ	WL QT LR	WC QV LO	NP	N/8	✓	AN	RF	Ø	
11	WL grooming TJ.									

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 13 MONTH APRIL YEAR 2009 OBSERVER KJSTFM TW BP GT 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						
1132	QT grooming her self.									
"	KK grooming him self.									
1145	KK ST PB TJ	WL QT LR	WC QV LO	NP	M 8				Ø	
1150	QT grooming ST									
1200	KK ST PB TJ	WL QT LR	WC QV LO	NP	M 8				Ø	
1202	NP TJ WL WC climbed back to ANI									
	ST and KK made vocal displays and buttress									
	bings others made pant barks.									
1205	ST and KK also climbed into ANI									
1215	KK ST PB TJ	WL QT LR	WC QV LO	NP	M 8	V	ANI	RF	Ø	
1230	TJ PB KK ST	WL LR QT	WC LO QV	NP	"	V	ANI	RF	Ø	
1245	PB TJ KK ST	WL LR QT	WC LO QV	NP						
1246	WL WC coming down from the feeding tree.									
1258	WL grooming WC.									
1300	PB TJ KK ST	WL LR QT	WC LO QV	NP	M 8	V	ANI	RF	Ø	
1305	chimps coming down from the feeding tree.									
1315	KK ST PB TJ	WL LR QT	WC QV LO	NP	L 13				Ø	
1317	PB grooming QT									
1330	KK ST PB TJ	WL QT LR	WC QV LO	NP	21 RFP				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

KPC Behavior

DAY 13 MONTH APRIL YEAR 2009 OBSERVER KJSJFM 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						
1340	chimps separated and we followed TJ & PB only.									
1345	PB TJ				K/GLT				∅	
1348	chimps climbed into FCP at S/K.									
1400	PB TJ				S/K	✓	FCP	RF	∅	
1414	PB TJ coming down from FCP									
1415	PB TJ				S/K				BAB	
1418	chimps entered into THV and started feeding.									
1430	PB TJ				S/28	✓	THV	THV	BAB	
1445	PB TJ				"	✓	THV	THV	BAB	
1500	PB TJ				"	✓	THV	THV	BAB	
1505	PB eating brown soil from the roots of a fallen tree.									
1515	PB TJ				28/S	✓	THV	THV	∅	
1528	chimps came out of THV and rested.									
1530	PB TJ				S/28				∅	
1545	PB TJ				"				∅	
1600	PB TJ				"				∅	
1615	PB TJ				"				∅	
1619	chimps started feeding on THV again.									

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 13 MONTH APRIL YEAR 2009 OBSERVER KJSJFM 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
1630	PB TJ				S/28	✓	THV	THV	ø	
1643	PB climbed into CAF and started feeding on YL									
1645	PB TJ				S/29	✓	THV	THV	ø	
1700	PB TJ				"	✓	THV	THV	ø	
1715	PB TJ				"				ø	
1719	PB entered into an old nest in a Diospyrus of about 12 cm dbh at 9 metres high and improved it by adding on more leaves.									
1719	TJ was heard sneezing.									
1720	TJ feeding on CAF YL.									
1730	PB TJ				S/29	✓	CAF	YL	ø	
1745	PB TJ				"	✓	CAF	YL	ø	
1753	TJ entered into an old nest in a Diospyrus of about 18 cm dbh at 9 metres high and improved it by adding on more leaves.									
1800	PB TJ				S/29				ø	
1815	PB TJ				"				ø	
1830	PB TJ				"				ø	
1845	PB TJ				"				6	
1850	Obs leaving 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