DAY 14 MONTH 02 YEAR 09 OBS-PC SJ TMF/40 SmTwRmMK HOW FOUND FT

	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
5:45																																														
6:00																																														
6:15																																														
6:30																																														
6:45																																														
7:00																																														
7:15										X																				X	X											M/26	*	FCP	RF
7:30									X	X	X																			X	X											〃	〃	〃	〃
7:45									X	X	X																			X	X											〃	〃	〃	〃
8:00	X								X	X	X																			X	X											M/26	*	FCP	RF
8:15	X								X	X	X																			X	X											M/26	〃	〃	〃
8:30	X			X	X		X		X	X	X	X											X	X						X	X			X	X	X	X				N/25	—	FEX	UF
8:45	X			X	X		X		X	X	X	X											X	X						X	X			X	X	X	X				〃	—	FEX	UF
9:00	X			X	X		X		X	X	X	X											X	X						X	X			X	X	X	X				N/25	—	FBR	RF
9:15	X			X	X		X		X	X	X	X											X	X						X	X			X	X	X	X				〃	—	FBR	RF
9:30	X			X	X		X		X	X	X	X											X	X						X	X			X	X	X	X				〃	—	FBR	RF
9:45	X			X	X		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	X	X	X				N/25	—	—	—
10:15	X			X	X		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	X	X	X				〃	—	—	—
10:45	X			X	X		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	X	X	X				N/25	—	—	—
11:15	X			X	X		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	X	X	X				〃	—	—	—
11:45	X			X	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	X	X				N/25	—	—	—
12:15	X			X	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	X	X				〃	—	—	—
12:45	X			X	X		X		X	X	X	X											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				
13:00	X			X	X		X		X			X											X	X						X	X			X	X	X	X				O/25	—	FEX	YL
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				O/25	—	FEX	YL
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				〃	RDC	—	—
14:45	X			X	X		X					X											X	X						X	X			X	X	X	X				〃	〃	—	—
15:00	X			X	X		X					X											X	X						X	X			X	X	X	X				O/25	RDC	FEX	YL
15:15	X			X	X		X					X											X	X						X	X			X	X	X	X				〃	〃	〃	〃
15:30	X			X	X		X					X											X	X						X	X			X	X	X	X				〃	〃	〃	〃
15:45	X			X	X		X					X											X	X						X	X			X	X	X	X				〃	〃	—	—
16:00	X			X	X		X					X											X	X						X	X			X	X	X	X				O/25	—	—	—
16:15	X			X	X		X					X											X	X						X	X			X	X	X	X				〃	—	—	—
16:30	X			X	X		X					X											X	X						X	X			X	X	X	X				〃	—	—	—
16:45	X			X	X		X					X											X	X						X	X			X	X	X	X				〃	—	—	—
17:00	X			X	X		X					X											X	X						X	X			X	X	X	X				N/24	—	APH	RF
17:15	X			X	X		X					X											X	X						X	X			X	X	X	X				〃	—	—	—
17:30	X																						X	X						X	X			X	X	X	X				N/25	MGB	FBR	RF
17:45	X																						X	X						X	X			X	X	X	X				〃	MGB	—	—
18:00	X																						X	X						X	X			X	X	X	X				N/25	MGB	FBR	RF
18:15	X																						X	X						X	X			X	X	X	X				〃	—	CAF	YL
18:30																																													
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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	GRID	MNK	SP	PT
Health	1		1	1	1		1		1	1	1	1				1			1				1	1	1			1			1				1	1	1									

COMMENTS From 7:15 — 8:00 RDC and BAB were 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

KPC Behavior

DAY 14 MONTH 03 YEAR 09 OBSERVER SJSMTWMK 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
710	OBS found Chimps already out of nests feeding									
	in FCP at the same location									
715	ES	LR	LO		B/27	✓	FCP	RF	RDC BAB	
723	Distant calls heard from North west of K-14									
	and the focal group didn't respond.									
729	Pg PB joined the party Pg made non-vocal displays									
	and LR made pant-barks.									
730	Pg ES PB	LR	LO		B/27	✓	FCP	RF	RDC BAB	
737	LR (LO) entered into a day nest in the feeding tree.									
745	Pg ES PB	LR	LO		B/27	✓	FCP	RF	RDC BAB	
748	Distant calls heard from East of K-14 and									
	the focal individuals responded with waar-barks.									
750	LR (LO) left the day nest.									
754	ST joined the party without making any calls LR made screams then									
	PB made non-vocal displays towards LR she screamed but didn't									
756	avoid LR made screams moving towards PB and PB									
	made non-vocal displays and made attack (1) to									
	LR with kicks, LR retaliated by chassing PB who									
	fled making non-vocal displays then Pg intervened									
	by making attack (1) to LR with a slap and a kick. who made screams but									

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

didn't avoid.

QT → 1 Tg → 2 WL → 1 LR → 1

KPC Behavior

DAY 14 MONTH 03 YEAR 09 OBSERVER ST SM TW RM 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
756	Es made	non-Vocal displays			towards		ST,			who
	also made	non-Vocal displays			and		Es	fled		
	making	non-Vocal displays								
757	LR approached	Pant-grunt and			groom				Pg	PTG
759	Handclasp	Mutual groom	LR		↔		Pg			Hcg
800	Pg Es PB ST	LR	Lo		B/27	✓	FCP	RF	RDC BAB	
310	Es left	the feeding tree,	followed	by					PB	
815	Pg Es PB ST	LR	Lo		B/27	✓	FCP	RF	RDC BAB	
817	Pg left	the feeding tree								
830	ST Es TJ LK PB Pg YB AJ	LR QT WL Tg	Lo Qv Wc TT	TS	C/g	✓	FEX	UF	∅	
833	KK joined	Others in	FEX	making	non-Vocal					
	displays and	Others	made	pant-barks						
845	ST Es TJ LK PB Pg KK YB AJ	LR QT WL Tg	Lo Qv Wc TT	TS	C/g	✓	FEX	UF	∅	
845	chimps	climbed down	from	FEX						
847	chimps	climbed	into	FBR						
900	ST Es TJ LK PB Pg KK YB AJ	LR QT WL Tg	Lo Qv Wc TT	TS	S/KR	✓	FBR	RF	∅	
915	ST Es TJ LK PB Pg KK YB AJ	LR QT WL Tg	Lo Qv Wc TT	TS	S/KR	✓	FBR	RF	∅	
924	KK	climbed down	from	the	feeding		tree			(FBR)
930	ST Es TJ LK PB Pg KK YB AJ	LR QT WL Tg	Lo Qv Wc TT	TS	S/KA	✓	FBR	RF		—
931	Chimps	climbed down	from	FBR						

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

81

828 chimps formed QT in FEX at C/g and others made pant-barks

KPC Behavior

DAY 14 MONTH 03 YEAR 09 OBSERVER ST SM RM IC JW 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
933	ST grooming YB									
938	YB grooming ST									
945	ST ES LK YB TJ PG PB KK AJ	TG QT WL LR	LO QV WC TT	TS	E/8				∅	
1000	ST ES LK YB TJ PG PB KK AJ	TG QT WL LR	LO QV WC TT	TS	E/8				∅	
1005	YB grooming ST									
1008	Chain groom LK → YB →				ST					
1012	LK grooming YB after chain groom.									
1015	ST ES LK YB TJ PG PB KK AJ	TG QT WL LR	LO QV WC TT	TS	E/8				∅	
1022	KK made non-Vocal displays and YB approached									
	hmm Pant-barking then KK continued making									Non-Voc
	all display and buttress bangs as YB avoided Casual									
	Screaming ST and LK fled silent									
1030	ST ES LK YB TJ PG PB KK AJ	TG QT WL LR	LO QV WC TT	TS	E/8				∅	
1045	ST ES LK YB TJ PG PB KK AJ	TG QT WL LR	LO QV WC TT	TS					∅	
1049	TJ made Vocal displays and buttress bangs and other									
	didn't respond.									
1050	TJ made Vocal displays and buttress bangs,									
	And someone made waaas.									
1100	ST ES LK YB TJ PG PB KK AJ	TG QT WL LR	LO QV WC TT	TS	E/8				∅	
1113	LK Made non-Vocal displays				ES				WL fled pant	

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

barking and WL climbed a tree. then LK mount YB and ST mount, LK

956 ST grooming YB

1115 TJ made non-Vocal displays chased QT and she fled screaming.

KPC Behavior

DAY 14 MONTH 03 YEAR 09 OBSERVER SJSM RMJW REMK, 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
1115	ST ES LK YB TJ PG PB KK AJ	TG QT WL LR	LO QV WC TT	TS	E/8				∅	
1115	KK Made non-Vocal displays YB ST avoid by fleeing screaming, then KK Continued Making NVD, chased LK and Made attack (T) to LK with a slap, and LK fled screaming ST YB made waaa barks chased KK together with LK and KK fled silent climbing a tree.									
1117	PB Made non-Vocal displays chased WL and she fled screaming. She then retaliated chased PB and he fled Making NVD and ground slaping and at the same time TJ made NVD chased WL and made attack (T) to her with a kick and she made screams but didn't									
1130	ST KK LK AJ PG ES PB YB TJ	TG QT WL LR	LO QV TT WC	TS	E/8				∅	
1145	ST ES LK YB KK PG PB AT TJ	TG QT WL LR	LO QV TT WC	TS	E/8				∅	
1200	KK AJ ST LK PG YB TJ PB ES	TG QT WL LR	LO QV TT WC	TS	"				∅	
1215	KK LK AJ ST PG YB TJ ES PB	TG QT WL LR	LO QV TT WC	TS	"				∅	
1230	KK LK AJ ST PG YB TJ ES PB	TG QT WL LR	LO QV TT WC	TS	"				∅	
1245	KK LK AJ ST PG YB TJ ES PB	TG QT WL LR	LO QV TT WC	TS	"				∅	
1300	KK LK AJ ST YB TJ	TG QT WL LR	LO QV TT WC	TS	F/4	✓	FEX	YL	∅	
1315	KK LK TJ AT ST YB	TG QT WL LR	LO QV TT WC	TS	F/4	✓	"	"	∅	

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

1146 WL groom. YB
1226 It started raining
1254 Chimps climbed into FEX for feeding and Others separated from the Party

KPC Behavior

DAY 14 MONTH 03 YEAR 09 OBSERVER ST SM RM 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
1320	It started raining									
1330	AJ YB KK LK ST TJ	TG QT WL LR	LO QV WC TT	TS	F/4	✓	FEX	YL	Ø	
1337	It again started raining									
1345	AJ YB KK LK ST TJ	TG QT WL LR	LO QV WC TT	TS	F/4	✓	FEX	YL	Ø	
1347	It stopped raining									
1400	AJ YB KK LK ST TJ	TG QT WL LR	LO QV WC TT	TS	F/4	✓	FEX	YL	Ø	
1415	AJ YB KK LK ST TJ	TG QT WL LR	LO QV WC TT	TS	F/4				Ø	
1430	AJ YB KK LK ST TJ	TG QT WL LR	LO QV WC TT	TS	"				RDC	
1445	AJ YB KK LK ST TJ	TG QT WL LR	LO QV WC TT	TS	"				RDC	
1500	KK AJ ST TJ LK YB	TG QT WL LR	LO QV WC TT	TS	F/4				RDC	
1510	LR moved towards WL and she branch shook towards LR while she was screaming and LR retaliated by also branch shaking and WL avoided casual screaming. Extend a hand to AJ and he ignored									
1515	KK AJ ST TJ LK YB	TG QT WL LR	LO QV WC TT	TS	F/4	✓	FEX	YL	RDC	
1530	KK AJ ST TJ LK YB	TG QT WL LR	LO QV WC TT	TS	"	✓	"	"	RDC	
1543	It started raining									
1545	KK AJ ST TJ LK YB	TG QT WL LR	LO QV WC TT	TS	F/4	✓	FEX	YL	RDC	
1553	Chimps picked the interest of hunting RDC monkey by making hunt-barks, And KK/AJ climbed the tree.									
1558	4 Male RDC monkeys made alarm calls and tried									

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

to attack KK and AJ but KK and AJ stood firm while making waar-barks, then the RDC monkey withdrew by climbing upwards as KK and AJ continued advancing

KPC Behavior

DAY 14 MONTH 03 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
1600	KK AJ ST TJ LK YB	TG QT WL LR	LO QV WC TT	TS	F/3				Ø	
"	LR and TT also climbed up following AJ and KK, They started chassing RDC's through trees LK ST also climbed up and got involved in the chase as monkeys fled to different branches. while other IDs made hunt-barks and screams on the ground.									
1615	KK AJ ST TJ LK YB	TG QT WL LR	LO QV WC TT	TS	F/3				Ø	
1624	someone was chassed on the ground and the victim fled screaming. And at the sametime, KK climbed down from up the tree and made non-vocal displays and ground slapping and all others withdrawing from the hunt.									
1630	KK AJ ST TJ LK YB	TG QT WL LK	LO QV WC TT	TS	F/3				Ø	
1645	KK AJ ST TJ LK YB	TG QT WL LK	LO QV WC TT	TS	F/3				Ø	
1647	KK approach TG she pant-grunted and presented to KK and KK inspected her by smelling on her estrous									PTG
1648	TG feed on brown soil from a ground ~~soil~~ hole									
1654	chimps climbed into APh for feeding on RF									
1700	KK AJ ST TJ LK YB	TG QT WL LK	LO QV WC TT	TS	G/4	✓	APH	RF	Ø	
1714	chimps climbed down from APH.									

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1705 it stopped raining.

1711 QT chassed TS and she fled screaming and At the sametime TG made waaw-barks climbing towards TS. As TT branch shook towards QT and QT ~~a~~ cool calmed silent

KPC Behavior

DAY 14 MONTH 03 YEAR 09 OBSERVER ST 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						
1715	KK AJ STTJ YB LK	TG QT LR WL	LO QV WC TT	TS	C/4				∅	
1719	chimps climbed into FBR while others separated from the party.									
1730	ST	TG QT LR WL	LO QV WC TT	TS	S/KB	✓	FBR	RF	mgb	
1745	ST	TG QT LR WL	LO QV WC TT	TS	"	✓	"	"	mgb	
1800	ST	TG QT LR WL	LO QV WC TT	TS	S/KB	✓	FBR	RF	mgb	
1804	WL (WC) climbed down from the feeding tree followed by LR (LO)									
1812	QT climbed into CAT for feeding YL.									
1815	ST	TG QT LR WL	LO QV WC TT	TS	D/ID	✓	CAT	YL	∅	
1816	LR makes a night nest, Tree of nest APH, Height 14m DBH = 24cm									

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