DAY 04th MONTH JUNE YEAR 09 OBS-PC SM TMF/40 KJ 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
Estrus																																															
5:45																																															
6:00																																															
6:15																																															
6:30																																															
6:45																																															
7:00																																															
7:15								X			X																							X	X							M/26	BLU	FNA	RF
7:30											X																							X	X									↓	↓
7:45																																			X	X									FNA	RF
8:00																																			X	X									—	—
8:15																																			X	X							M/26	BLU	—	—
8:30	X	X		X				X																						X	X								X			M/25	None	FNA	RF
8:45	X	X		X				X																						X	X								X						
9:00	X	X		X				X																						X	X								X						
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						
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						
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						
12:15	X	X		X				X			X																			X	X								X						
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			L/25	None	THV	
13:15	X	X		X				X			X																			X	X								X			〃			
13:30	X	X		X				X			X																			X	X								X			〃		↓	
13:45	X	X		X				X			X																			X	X								X			L/26		THV	
14:00	X	X		X				X			X																			X	X								X					CAF	YL
14:15	X	X		X																										X	X								X					〃	〃
14:30	X	X		X																										X	X								X					THV	
14:45	X	X		X																										X	X								X					〃	
15:00	X	X		X																										X	X								X					〃	
15:15	X	X		X																										X	X								X			L/26		CAF	YL
15:30	X	X		X																										X	X								X			K/26		—	—
15:45	X	X		X																										X	X								X					THV	
16:00	X	X		X																										X	X								X					〃	
16:15	X	X		X																										X	X								X			K/26		〃	
16:30	X	X		X																										X	X								X			J/26		CAF	YL
16:45	X	X		X																										X	X								X					〃	〃
17:00	X	X		X																										X	X								X					—	—
17:15	X	X		X																										X	X								X			J/26	None	—	—
17:30																																															
17:45																																															
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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																				1	1			1	1					1					

COMMENTS 1729 OBS Abandoned chimps before nesting b/se of elephants at 4E/5AS in K 15.

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

WL (1) LR (1)

KPC Behavior

DAY 04th MONTH June YEAR 09 OBSERVER SM 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
705	OBs found chimps in FNA tree				feeding at					B/27
715	KK PB	WL	WC		B/27	✓	FNA	RF	BM	
716	KK leaving the feeding tree and moved									
	away									
724	Heard distant calls from west				of		K-14			this
	party Made Waars									
730	PB	WL	WC		B/27	✓	FNA	RF	BM	
745		WL	WC		"	✓	"	"	"	
800		WL	WC		"	✓	"	"	"	
800	Heard distant calls from west				of		K	14		but
	WL didn't respond.									
808	WL (WC) leaving the feeding tree and build									
	a day nest and rest Tree = Olea						HT = 24 m			
815		WL	WC		B/27				BM	
830		WL	WC		"				"	
831	OBS Abandoned WL WC in a nest and									
	WC went for abig group									
842	OBS found chimps in FNA tree				feeding at Q/23					
845	YB JUST JUKK	LR	LO	NP	Q/23	✓	FNA	RF	O	
846	YB grooming him self									

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 June YEAR 09 OBSERVER SM KS 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
850	LR approach Pant grunting to Tu						and She			PTG groomed
	him									
851	Tu grooming LR									
900	ST TU YB KK	LR	LO	NP	Q/23	✓	FNA	RF	Ø	
915	ST TU YB KK	LR	LO	NP	"	✓	"	"	Ø	
918	Tu grooming himself									
922	Tu build a day nest with in a feeding tree									
	and rest HT = 20m									
924	PB joined the party but no calls made									
930	YB TU ST PB KK	LR	LO	NP	Q/23	✓	FNA	RF	Ø	
945	YB TU ST PB KK	LR	LO	NP	"	✓	"	"	Ø	
1000	YB KK TU ST PB	LR	LO	NP	"	✓	"	"	Ø	
1012	LR (LO) leaving a feeding tree and build a day									
	nest and rest. tree = Olea HT = 18m high.									
1015	YB KK TU ST PB	LR	LO	NP	Q/23	✓	FNA	RF	Ø	
1027	ST grooming YB									
1029	YB grooming ST									
1030	YB KK PB ST TU	LR	LO	NP	Q/23	✓	FNA	RF	Ø	
1032	PB approach pant grunting to males both YB and									PTG ST
	they ignored at some they make				Chain groom				PB→YB→ST	

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 June YEAR 09 OBSERVER ASSEAC SMKJFm 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
1034	PB grooming him self									
1038	ST grooming YB									
1040	Chain groom YB → ST → KK									
1042	TU leaving a day nest									
1043	ST grooming KK									
1045	ST PB KK TU YB	LR	LO	NP	Q/23	✓	FNA	RF	Ø	
1046	ST grooming YB									
1050	YB leaving the feeding Tree									
1051	NP grooming YB									
1052	YB grooming NP									
1053	NP grooming YB									
1100	KK TU ST PB YB	LR	LO	NP	Q/23	✓	FNA	RF	Ø	
1103	PB approach pant grunting to TU and groomed him									PTG
1106	KK grooming him self									
1112	Chimps climbed down on ground and moving									
1115	KK TU ST PB YB	LR	LO	NP	Q/23				Ø	
1117	Hand clasp mutual groom KK ↔ TU									HCG
1118	TU groomed KK after hand clasp									
1119	Chain groom ST → KK → TU → YB									
1120	Hand clasp mutual groom				YB ↔ TU				KK	HCG

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 June YEAR 09 OBSERVER SMKJ 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
1121	YB groomed Tu after hand clasp									
1124	KK and Tu both grooming YB									
1125	ST grooming himself									
1130	ST Tu YB KK PB			NP	0/26				Ø	
1130	Tu grooming ST									
1131	mutual groom Tu <-> ST									
1139	Hand clasp mutual groom Tu <-> ST									Hcg
1132	Tu groomed ST after hand clasp									
1138	ST grooming Tu									
1145	ST Tu YB KK PB			NP	0/26				Ø	
1158	Some ID's feeding THV in adense vegetation									
1200	ST Tu YB KK PB			NP	0/26	✓	THV		Ø	
1215	ST Tu YB KK PB			NP	"				Ø	
1230	ST Tu YB KK PB			NP	"	✓	THV		Ø	
1245	ST Tu YB KK PB			NP	"	✓	"		Ø	
1251	Chimps Moving as they are feeding on THV									
1300	ST Tu YB KK PB			NP	1/26	✓	THV		Ø	
1315	ST Tu YB KK PB			NP	"	✓	"		Ø	
1330	ST Tu YB KK PB			NP	"	✓	"		Ø	
1345	ST Tu YB KK PB			NP	29/109	✓	"		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

1125 LR (Tu) are out of party

KPC Behavior

DAY 04th MONTH June YEAR 09 OBSERVER SMKJ 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						
1402	KK ST TU YB PB			NP	29/209	✓	CAF THV	YL	Ø	
1410	KK and PB left the party and moved away									
1415	TU ST YB			NP	29/209	✓	CAF THV	YL	Ø	
1429	NP grooming herself									
1430	TU YB ST			NP	29/209	✓	THV		Ø	
1445	TU YB ST			NP	n	✓	n		Ø	
1500	TU YB ST			NP	n	✓	n		Ø	
1515	TU YB ST			NP	n	✓	CAF THV	YL	Ø	
1522	ST grooming YB									
1523	YB grooming ST									
1526	TU grooming YB									
1530	TU YB ST			NP	29/SB				Ø	
1545	TU YB ST			NP	n	✓	THV		Ø	
1545	TU and YB made food grunts as they are feeding									
	On THV									
1549	it started raining and chimps were feeding on THV									RN
1600	TU YB ST				29/SB	✓	THV		Ø	
1615	TU YB ST				n	✓	n		Ø	
1617	Chimps climbed into CAF Tree and feeding on young leaves									

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 June YEAR 09 OBSERVER SMKT 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						
1630	TM YB ST			NP	1E/7S	✓	CAF	YL	0	
1634	it stoped raining									
1645	TM YB ST			NP	1E/7S	✓	CAF	YL	0	
1651	chimps climbed down on ground and moving									
1700	TM YB ST			NP	3E/6S				0	
1715	TM YB ST			NP	11				0	
1729	OBS abandoned chimps as they move heading into elephants at 4E/5AS in K 15.									

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