DAY 05th MONTH June YEAR 09 OBS-PC SM TMF/40 RMSEAC KTICTWTHM 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	CL	INF	GRID	MNK	SP	PT
Estrus																																																	
5:45																																																	
6:00																																																	
6:15																																																	
6:30																																																	
6:45																																																	
7:00							X					X											X	X						X													K/23	None	FEX	RF
7:15							X					X											X	X						X													"	"	"	"
7:30							X					X											X	X						X													"	"	—	—
7:45												X											X	X																			K/24		—	—
8:00								X				X							X	X	X		X	X						X					X	X						M/25		FNA	RF
8:15								X				X							X	X	X		X	X						X					X	X									
8:30								X				X							X	X	X		X	X						X					X	X							None		
8:45								X				X							X	X	X		X	X						X					X	X									
9:00								X				X							X	X	X		X	X						X					X	X							RDT		
9:15								X				X							X	X	X		X	X						X					X	X									
9:30								X				X							X	X	X		X	X						X					X	X									
9:45								X				X							X	X	X		X	X						X					X	X									
10:00								X				X							X	X	X		X	X						X					X	X									
10:15								X				X							X	X	X		X	X						X					X	X									
10:30								X				X							X	X	X		X	X						X					X	X							RDT		
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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	CL	INF				
13:00												X											X	X				X	X														M/25	None	—	—
13:15												X											X	X				X	X														M/24		CAF	YL
13:30												X											X	X				X	X															THV	
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Health																																																

COMMENTS MgB and RDT from 1045 — 1230

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

T90 ① LR ① **KPC Behavior** OU ① OT ① QT ①

DAY 05th MONTH June YEAR 09 OBSERVER SMKTJC TWJMRMSEAC 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
654	Obs arrived at the nest site found chimps									
	had already unnested but still around J/1100									
657	Chimps started moving									
659	chimps climbed into FEX tree and started									
	feeding on ripe fruits									
700	LK TJ	LR TG	TT LO	TS	H/900	✓	FEX	RF	Ø	
713	TJ leaving the feeding tree									
715	LK TJ	LR TG	TT LO	TS	H/900	✓	FEX	RF	Ø	
715	LR chassed TT in a feeding tree he fled									
	screaming									
727	Chimps leaving the feeding tree reach									
	on ground and moving									
730	TJ LK	TG LR	TT LO	TS	H/900				Ø	
735	Chimps separated into two groups SMKTJC									
	followed TG and her family									
745	TJ	TG	TT	TS	F/1100				Ø	
800	Chimps joined Other Individuals in FNA tree									
	they made Pant hoots									
800	KK TJ	OU WK QT OT LR TG	LO QV WC TT OG	OM OL TS	Q/23	✓	FNA	RF	Ø	
815	KK TJ	OU WK OT QT LR TG	LO QV WC TT OG	OM OL TS	n	✓	n	n	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 05th MONTH June YEAR 09 OBSERVER SMKJKTW JMRMSEAC 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
830	KK TJ	LR OU OT QT WL TG	TT QV WC LO OG	TS OL OM	Q/23	✓	FNA	RF	Ø	
845	KK TJ	LR OU OT QT WL TG	TT QV WC LO OG	TS OL OM	"	✓	"	"	Ø	
900	KK TJ	LR OU OT QT WL TG	TT QV WC LO OG	TS OL OM	"	✓	"	"	RBT	
915	KK TJ	LR OU OT QT WL TG	TT QV WC LO	TS OL OM	"	✓	"	"	"	
918	WL (WC) leaving the feeding tree									
920	WL (WC) build a day rest and rest				Tree =				Milletia Dura	
	HT = 7m high.									
930	KK TJ	LR OU OT QT WL TG	TT QV WC LO OG	TS OL OM	Q/23	✓	FNA	RF	RBT	
931	LR feeding on FNA bark									
945	KK TJ	LR OU OT QT WL TG	TT QV WC LO OG	TS OL OM	Q/23	✓	FNA	RF	RBT	
953	TJ and QT (QV) leaving the feeding tree									
956	WL (WC) leaving the rest									
1000	KK TJ	LR OU OT QT WL TG	TT LO OG QV WC	TS OL OM	Q/23	✓	FNA	RF	RBT	
1012	KK leaving the feeding tree									
012										
1015	KK TJ	TG OU WL LR OT QT	TT LO OG WC QV	TS OL OM	Q/23	✓	FNA	RF	RBT	
1020	LR grooming LO									
1030	KK TJ	TG OU WL LR OT QT	TT LO OG WC QV	TS OL OM	Q/23	✓	FNA	RF	RBT	
1034	TT entered into old rest and rest Tree = LNC									
	HT = 9m high.									

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 05 (4th) MONTH June YEAR 09 OBSERVER TWRMJMSEAC SMKJJC 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						
1045	KK TJ	LR TG WL OT OT	BV OG LO WC TT	TS OL OM	Q/23	✓	FNA	RF	RDT MGB	
1100	KK TJ	LR TG WL OT OT	BV OG LO WC TT	TS OL OM	"	✓	"	"	"	
1112	LR (Lo) leaving the feeding tree									
1113	TT leaving a day rest									
1114	OU grooming OM									
1115	KK TJ	LR TG OT OT WL	BV LO OG WC TT	TS OL OM	Q/23	✓	FNA	RF	RDT MGB	
1116	OU grooming OG									
1120	LR (Lo) left the party and moved away.									
1121	OU grooming OT									
1129	OU and her family left the party and moved away.									
1130	KK TJ	TG WL OT	BV TT WC	TS	Q/23	✓	FNA	RF	RDT MGB	
1136	TG leaving the feeding tree									
1140	Chimps all leaving the feeding and moving									
1142	Chain groom TS → TG → TT									
1145	KK TJ	TG WL OT	BV TT WC	TS	Q/23				RDT MGB	
1147	chain groom TT → TG → TS									
1150	Others IB's moved away and we remained with TG TS TT A									
1152	TT grooming TG									
1154	Chain groom TS → TT → TG									
1158	TT grooming TS									

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 05th MONTH June YEAR 09 OBSERVER SEAC SMKJIC 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						
1159	TS grooming TJ									
1200		TG	TT	TS	Q/23				RDT MgB	
1201	TT grooming TS									
1215		TG	TT	TS	Q/23				RDT MgB	
1230		TG	TT	TS	n				n.	
1236	TJ and AL with her family joining the party									
	but no calls made									
1236	Chimps started moving									
1245	TJ	AL TG	INF AT AZ TT	TS	O/20				O	
1246	TG grooming TJ									
1248	Hand clasp mutual groom				TG <->				TJ	HCG
1249	TJ groomed TG after hand clasp									
1250	Mutual groom TG <-> TJ									
1251	TT grooming TS									
1254	TT playing with AZ by Wrestling on TG									
1256	AT grooming TS									
1257	Hand clasp mutual groom AL <-> TJ									HCG
1258	AL groomed TJ after hand clasp									
1259	TJ grooming AL									
1300	TJ	AL TG	TT AT AZ INF	TS	O/20				O	

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 05th MONTH June YEAR 09 OBSERVER SEAC SMKJIC 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						
1310	chimps entered into THV and started feeding									
	in adense vegetation									
1315	TJ	AL TG	INF AT AZ TT	TS	N/16	✓	CAF THV	YL	Ø	
1330	TJ	AL TG	INF AT AZ TT	TS	"	✓	THV		Ø	
1345	TJ	AL TG	INF AT AZ TT	TS	"	✓	"		Ø	
1350	TS made a wedge of leaves and drinking									TLU, DR water
	using a tool from a hole of a tree									
1400	TJ	AL TG	INF AT AZ TT	TS	N/16	✓	THV		Ø	
1415	TJ	AL TG	INF AT AZ TT	TS	"	✓	"		Ø	
1430	TJ	AL TG	INF AT AZ TT	TS	400 Grd	✓	"		Ø	
1445	TJ	AL TG	INF AT AZ TT	TS	"	✓	"		Ø	
1450	AL and her family left the party and moved away									
1500	TJ	TG	TT	TS	400 Grd	✓	THV		Ø	
1515	TJ	TG	TT	TS	"	✓	"		Ø	
1530	TJ	TG	TT	TS	"	✓	"		Ø	
1545	TJ	TG	TT	TS	"	✓	"		Ø	
1600	TJ	TG	TT	TS	"	✓	"		Ø	
1615	TJ	TG	TT	TS	13/409	✓	CAF THV	YL	Ø	
1630	TJ	TG	TT	TS	"	✓	"	"	Ø	
1645	TJ	TG	TT	TS	"	✓	"	"	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 05th MONTH June YEAR 09 OBSERVER SEAC SMKJ IC 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						
1652	TT grooming TS									
1700	TJ	TJ	TT	TS	13/109	✓	THV		Ø	
1715	TJ	TJ	TT	TS	〃	✓	〃		Ø	
1730	TJ	TJ	TT	TS	〃	✓	〃		Ø	
1732	TJ build a night nest and resting tree = Dea									
	HT = 23m Dbh = 28cm									
1739	TJ build a night nest and resting tree = Dea									
	HT = 22m Dbh = 25cm									
1745	TJ	TJ	TT	TS	13/109	✓	CAF	YL	Ø	
1800	TJ	TJ	TT	TS	〃	✓	〃	〃	Ø	
1810	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