DAY 05th MONTH Aug YEAR 09 OBS-PC SM TMF/40 AS SJ FM TW 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	TR	AN	OL	GRID	MNK	SP	PT
5:45																																																	
6:00																																																		
6:15																							X	X																			X		K/24	None	—	—
6:30																							X	X																			X		"	"	—	—
6:45																							X	X																			X		"	"	—	—
7:00																							X	X																			X		K/23		FNA	RF
7:15																							X	X				X	X													X					
7:30																							X	X				X	X													X					
7:45																							X	X				X	X													X					
8:00							X																X	X				X	X													X					
8:15							X																X	X				X	X													X					
8:30							X																X	X				X	X													X					
8:45							X																X	X				X	X													X					
9:00							X																X	X				X	X													X					
9:15							X																X	X				X	X													X					
9:30							X																X	X				X	X													X					
9:45							X																X	X				X	X													X					
10:00							X																X	X				X	X													X					
10:15							X																X	X				X	X													X					
10:30							X																X	X				X	X													X					
10:45							X																X	X				X	X													X					
11:00							X																X	X				X	X													X					
11:15							X																X	X				X	X													X					
11:30							X																X	X				X	X													X					
11:45							X																X	X				X	X													X					
12:00							X																X	X				X	X													X					
12:15							X																X	X				X	X													X					
12:30							X																X	X				X	X													X		↓	↓	↓	↓
12:45							X																X	X				X	X													X		K/23	None	FNA	RF
	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	TR	AN	OL				
13:00							X																X	X				X	X													X		K/23	None	FNA	RF
13:15							X																X	X				X	X													X				↓	↓
13:30							X																X	X				X	X													X					
13:45							X																X	X				X	X													X				↓	↓
14:00							X																X	X				X	X													X				FNA	RF
14:15							X																X	X				X	X													X				—	—
14:30							X																X	X				X	X													X				DIST	SAP
14:45							X																X	X				X	X													X				THV	
15:00							X																X	X				X	X													X				↓	
15:15							X																X	X				X	X													X				↓	
15:30							X																X	X				X	X													X				THV	
15:45																							X	X																			X				FBR	RF
16:00																							X	X																			X				"	"
16:15							X																X	X				X	X													X				FBX	YL
16:30							X																X	X				X	X													X				"	"
16:45							X																X	X				X	X													X				"	"
17:00							X	X											X	X	X																					X				FNA	RF
17:15							X	X											X	X	X							X	X													X					
17:30							X	X											X	X	X							X	X													X					
17:45							X	X											X	X	X							X	X													X					
18:00							X	X											X	X	X		X	X				X	X													X					
18:15							X	X											X	X	X		X	X				X	X													X				↓	↓
18:30							X	X											X	X	X		X	X				X	X													X		↓	↓	FNA	RF
18:45							X	X											X	X	X		X	X				X	X													X		K/23	None	—	—
19:00																																																	
19:15																																																	
19:30																																																	
19:45																																																	
20:00																																																	
20:15																																																	
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	TR	AN	OL	GRID	MNK	SP	PT
Health																																																	

COMMENTS No Monkeys 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 05th MONTH Aug YEAR 09 KPC SM OTHERS AS SJ FM TW FOUND N

TG① AL①

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
609	OBs arrived at the nest site									
615		TG	TT	TS TD	FJ/900				Ø	
630		TG	TT	TS TD	u				Ø	
643	TG (TD) leaving anight nest									
644	TS leaving anight nest									
645		TG	TT	TS TD	J/900				Ø	
645	TT leaving anight nest									
646	Chimps all climbed down on ground									
	and Started moving									
659	Chimps climbed into FNA tree silent and									
	Started feeding on ripe fruits									
700		TG	TT	TS TD	L/800	✓	FNA	RF	Ø	
711	AL and her family joined the party									PTG
	in afeeding tree and AL approach pant									
	grunting to TG, who groomed her Shortly									
715		AL TG	TT AT AZ	AM TS TD	L/800	✓	FNA	RF	Ø	
730		AL TG	TT AT AZ	AM TS TD	u	✓	u	u	Ø	
736	AZ playing with TS by chasing and touching each other.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Behavioral Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 05th MONTH Aug YEAR 09 KPC SM OTHERS AS SJ FM TW FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
745		AL TG	TT AT AZ	AN TS TD	L/800	V	FNA	RF	D	
746	LK joined the party and AT Made pant barks									
	Moving towards him									
747	AT grooming LK									
749	LK made vocal displays as he climb up to									PTG
	a feeding tree TG and AL Made pant barks at									
	Sametime TG approach pant grunting to LK he									
	mounted her									
750	AL approach pant grunting to LK and she groome									PTG
	d him shortly									
753	LK making food barks while feeding, others									FBK
	didn't respond.									
756	AT grooming AL									
800	LK	TG AL	TT AT AZ	AN TS TD	L/800	V	FNA	RF	D	
805	AT grooming AZ									
810	AL made waar barks and chased TT in									
	a feeding tree he fled screaming others									
	didn't respond									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
749	LK	35ec						None							reunion	G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; SOIL: Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
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757 AL grooming AT, 759 AT grooming AL

KPC Behavior

DAY 05th MONTH Aug YEAR 09 KPC SM OTHERS AS SJ FM TW FOUND N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
815	LK	AL TG	TT AT AZ	AN TS TD	L/800	✓	FNA	RF	Ø	
829	TT chasing AZ who fled screaming others									
	didn't respond.									
830	LK	AL TG	TT AT AZ	AN TS TD	L/800	✓	FNA	RF	Ø	
832	TT made non vocal displays against TS and									
	he made attack ① to her with kicks and									
	slaps. She screamed and retaliate by exchagi									
	ng slaps and TS bite TT but no one avoided									
840	Hang clasp mutual groom LK <-> TG									HCg
841	LK groomed TG after hand clasp									
842	TG grooming LK									
845	LK	TG AL	TT AT AZ	AN TS TD	L/800	✓	FNA	RF	Ø	
845	LK grooming TG									
849	TG grooming LK									
849	AT entered into old nest with immafeeding									
	tree and rest HT = 28m high									
852	LK grooming TG									
853	TG grooming LK									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD / NvD Duration	Chase	Attack 1	2	3	Victim ID	Response of Victim: No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
829	TT		4sec				AZ		F	Scream				Unknown	T
832	TT	2sec		✓			TS	✓		Scream		✓		Unknown	T

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 05th MONTH Aug YEAR 09 KPC SM OTHERS SJ AS FM TW FOUND N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
855	LK grooming TG									
856	AT leaving the nest									
856	TG grooming LK									
858	LK grooming TG									
900	LK	TG AL	TT AT AZ	AN TS TD	L/800	✓	FNA	RF	Ø	
900	TG grooming LK									
901	Hand clasp mutual groom	LK ↔ TG								HCG
902	LK groomed TG after hand clasp									
904	TG grooming LK									
906	Hand clasp mutual groom	LK ↔ TG								HCG
907	TG groomed LK after hand clasp									
908	LK grooming TG									
911	TG grooming LK									
913	LK grooming TG									
915	LK	TG AL	TT AZ AT	AN TS TD	L/800	✓	FNA	RF	Ø	
915	TG grooming LK									
918	LK grooming TG									
930	LK	TG AL	TT AZ AT	AN TS TD	L/800	✓	FNA	RF	Ø	

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	Attack 2	Attack 3	Victim ID	Response of Victim: No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 05th MONTH Aug YEAR 09 KPC SM OTHERS SJ FM TW AS FOUND N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
944	AT grooming LK									
945	LK	AL TG	AT AZ TT	AN TS TD	L/800	✓	FNA	RF	Ø	
1000	LK	AL TG	AT AZ TT	AN TS TD	"	✓	"	"	Ø	
1012	TG (ID) leaving the feeding tree and entered into old nest, then nest, tree = DOSP HT = 25m high.									
1015	LK	AL TG	TT AT AZ	AN TS TD	L/800	✓	FNA	RF	Ø	
1030	LK	AL TG	TT AT AZ	AN TS TD	"	✓	"	"	Ø	
1034	TT was seen have a stick on groin pocket moving with it while feeding									
1035	AL and AT both grooming LK									
1039	LK grooming AL									
1040	AL grooming AT									
1044	LK grooming AL									
1045	LK	AL TG	TT AT AZ	AN TD TS	L/800	✓	FNA	RF	Ø	
1053	AT playing with TS in anest by touching and make soft bites each other.									
1100	LK	AL TG	TT AT AZ	AN TS TD	L/800	✓	FNA	RF	Ø	

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim: No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

1053 AT have a stick hold in hands and he approach TS in anest and playing with it together.

KPC Behavior

DAY 05th MONTH Aug YEAR 09 KPC SM OTHERS AS ST FM TW FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1100	AL grooming LK									
1103	LK grooming AL									
1115	LK	AL TG	TT AT AZ	AN TS TD	L/800	✓	FNA	RF	Ø	
1117	AZ and TS leaving the nest						left the Sti			
	ck behind									
1122	AZ Come back to anest end the Stick									
	fell down on ground.									
1130	LK	AL TG	TT AT AZ	AN TS TD	L/800	✓	FNA	RF	Ø	
1145	LK	AL TG	TT AT AZ	AN TS TD	"	✓	"	"	Ø	
1200	LK	AL TG	TT AT AZ	AN TS TD	"	✓	"	"	Ø	
1215	LK	AL TG	TT AT AZ	AN TS TD	"	✓	"	"	Ø	
1220	TS (TD) leaving a day nest									
1230	LK	AL TG	TT AT AZ	AN TS TD	L/800	✓	FNA	RF	Ø	
1245	LK	AL TG	TT AZ AT	AN TS TD	"	✓	"	"	Ø	
1259	AT — leaving the feeding tree and entered									
	into Old nest, then rest, tree =						DOSP	HT =	25M	
1300	LK	AL TG	TT AT AZ	AN TS TD	L/800	✓	FNA	RF	Ø	
1315	LK	AL TG	TT AT AZ	AN TS TD	"	✓	"	"	Ø	

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

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IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

1153 TT dropped a stick on ground in a dense vegetation after he had stayed with it for some time.

KPC Behavior

DAY 05th MONTH Aug YEAR 09 KPC SM OTHERS SJ FM AS FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1330	LK	TG AL	TT AT AZ	AN TS TD	L/800	✓	FNA	RF	Ø	
1332	TT have a stick on his mouth and Moved and									
	joined TS in arest									
1333	AT leaving a day nest									
1335	TG (ID) entered into old nest and rest tree									
	Dosp HT = 25M									
1335	TT leaving the nest left the Stick behind									
1338	TT build a day nest and rest, tree = Dosp									
	HT = 26m									
1345	LK	TG AL	TT AT AZ	AN TS TD	L/800	✓	FNA	RF	Ø	
1400	LK	TG AL	TT AT AZ	AN TS TD	"	✓	"	"	Ø	
1401	LK build a day nest with a feeding tree									
	and rest HT = 28m high									
1406	LK and TT both leaving their day nests									
	at same time									
1407	all chimps reach on ground and moving									
1411	TG approach Pant grunting to LK and									PTG
	She made soft bites on his						Shoulder, then LK groomed her			

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Behavioral Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

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IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 05th MONTH Aug YEAR 09 KPC SM OTHERS SJ FM AS FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1412	Hand clasp mutual groom LK ↔ TG									Hcg
1413	Chain groom after hand clasp LK → TG → TT									
1415	LK	TG AL	TT AT AZ	AN TS TD	L 800				∅	
1415	TG grooming TT and AL grooming AT									
1417	TT grooming TG									
1422	AL grooming AZ									
1425	TG grooming LK									
1426	AL grooming AT									
1426	Chain groom TT → TG → LK									
1427	LK grooming TG									
1429	TG TT TS feeding on				dry Sap					
1430	LK	TG AL	TT AT AZ	AN TS TD	L 800	✓	Albizia spp	Sap	∅	
1431	LK grooming TG									
1435	TT playing with TS by tickling, wrestling and make soft bites each other									
1440	TT grooming LK									
1443	Chimps entered into THV and started feeding in adense vegetation									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Behavioral Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

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RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 05th MONTH Aug YEAR 09 KPC SM OTHERS S,T FM AS FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1445	LK	TG AL	TT AT AZ	AN TS TD	L 800	✓	THV		Ø	
1500	LK	TG AL	TT AT AZ	AN TS TD	"	✓	"		Ø	
1515	LK	TG AL	TT AT AZ	AN TS TD	"	✓	"		Ø	
1530	LK	TG AL	TT AT AZ	AN TS TD	"	✓	"		Ø	
1540	TG (TD) TS	TT climbed into FBR tree and								
	started feeding on ripe fruits					Silent /	them LK			
	and AL family got lost in						THV			
1545		TG	TT	TS TD	Isyle Bug	✓	FBR	RF	Ø	
1557	Heard distant calls from South of Isyle Bug									
	this party responded with pant hoots									
1600		TG	TT	TS TD	Isyle Bug	✓	FBR	RF	Ø	
1612	LK and AL with her family joined the									
	party making pant hoots Others also									
	made pant hoots and pant barks									
1614	Chimps climbed into FEX tree while TT									FBK
	making food barks and they started									
	feeding on young leaves									
1615	LK	TG AL	TT AT AZ	AN TS TD	Isyle Bug	✓	FEX	YL	Ø	

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Behavioral Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; SOIL: Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 05th MONTH Aug YEAR 09 KPC SM OTHERS SJ FM FOUND N

OU(1) OT(1)

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
1630	LK	TG AL	TT AT AZ	AN D TS TD	Isule Bug	✓	FEX	YL	Ø	
1643	Heard distant calls from South of Isule/Bug this party responded with 1 pant hoots									
1645	LK	TG AL	TT AT AZ	AN TS TD	Isule Bug	✓	FEX	YL	Ø	
1647	LK and AL family leaving the feeding and moving on ground left TG and her family behind in a tree									
1656	Chimps joined KK and OU with her family and KK made non vocal display and buttress bungs AT made pant barks									
1657	KK made non vocal displays and buttress bungs but no one responded									
1659	AT grooming KK									
1700	KK LK	AL OU OT	OG AT AZ	AN OL OM	L 800	✓	FNA	RF	Ø	
1715	KK LK	AL OU OT	OG AT AZ	AN OL OM	"	✓	"	"	Ø	
1730	KK LK	AL OU OT	OG AT AZ	AN OL OM	"	✓	"	"	Ø	
1741	LK grooming KK									
1745	KK LK	AL OU OT	OG AT AZ	AN OL OM	L 800	✓	FNA	RF	Ø	

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD Duration	Chase	Attack 1	Attack 2	Attack 3	Victim ID	Response of Victim: No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
1656	KK		6sec					None							reunion	G
1657	KK		4sec					None							reunion	G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
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RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 05th MONTH Aug YEAR 09 KPC SM OTHERS SJ FM RM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1749	KK grooming LK									
1752	LK grooming KK									
1754	OT entered into old nest and Improving it then rest tree = Dosp HT = 25m high Dbh = 24 cm.									
1759	TS (TD) TS TT joined the party and all individuals made pant hoots									
1800	LK KK	TS AL OUT OT	OG TT AT	AN TD TS LOM	L 800	✓	FNA	RF	Ø	
1810	KK leaving the feeding tree									
1814	AT grooming KK									
1815	LK KK	TS AL OUT OT	OG TT AT	AN TD TS LOM	L 800	✓	FNA	RF	Ø	
1823	LK build a night nest and rest, tree = Dosp HT = 20m high Dbh = 36cm									
1828	OU (OL) build a night nest and rest, tree = Olea HT = 38m high Dbh = 84cm									
1835	LK KK	TS AL OUT OT	OG TT AT	AN TD TS LOM	L 800	✓	FNA	RF	Ø	
1838	OG entered into old nest and Improving it then rest tree = Olea HT = 34M Dbh = 84cm									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Behavioral Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

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KPC Behavior

DAY 05th MONTH Aug YEAR 09 KPC SM OTHERS SJ Fm FOUND N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
1834	TS (TD) entered in to old nest and Improving									
	it then rest tree = Olea				HT = 36M		Dbh = 84cm			
1840	TT entered into old nest and Improving it									
	then rest, tree = Olea				HT = 38M		Dbh = 84cm			
1845	LK LK	OUT AT OTS	AT 09 AZ AT	TS OLE AT BM TD	L 800				Ø	
1848	OBS leaving the nest site.									

Aggression/Received Aggression

(Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim: No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

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RD: Rain display; **SOIL:** Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)