Estrus	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												X											X	X	X																				M/24	None	—	—
7:00												X											X	X	X																						CAF	YL
7:15												X											X	X	X																						↓	↓
7:30												X											X	X	X																						CAF	YL
7:45											X	X											X	X	X																						FVA	UF
8:00											X												X	X	X																						ʺ	ʺ
8:15											X												X	X	X																						CAF	YL
8:30											X												X	X	X																						↓	THV
8:45												X											X	X	X																						None	
9:00												X											X	X	X																					X		
9:15												X											X	X	X																					X		
9:30											X												X	X	X																				↓	X	↓	
9:45											X												X	X	X																				M/24	None THV		
10:00											X												X	X	X																				M/23		CAF	YL
10:15											X												X	X	X																						ʺ	ʺ
10:30											X												X	X	X																						ʺ	ʺ
10:45											X												X	X	X																						THV	
11:00											X												X	X	X																							
11:15											X												X	X	X																							
11:30											X												X	X	X																							
11:45											X												X	X	X																							
12:00											X												X	X	X																							
12:15											X												X	X	X																							
12:30											X												X	X	X																			↓	↓	↓		
12:45											X												X	X	X																				M/23	None	THV	

	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																				M/23	None THV		
13:15											X												X	X	X																							
13:30											X												X	X	X																							
13:45											X												X	X	X																							
14:00											X												X	X	X																							
14:15											X												X	X	X																							
14:30											X												X	X	X																						↓	
14:45											X												X	X	X																						THV	
15:00											X												X	X	X																			↓		—	—
15:15											X												X	X	X																				M/23		—	—
15:30											X												X	X	X																				M/24		—	—
15:45											X												X	X	X																				ʺ		—	—
16:00											X												X	X	X																				ʺ		—	—
16:15											X												X	X	X																				M/25		FNA	RF
16:30											X												X	X	X																						⟩	
16:45											X												X	X	X																							
17:00											X												X	X	X																							
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17:45											X												X	X	X																						↓	↓
18:00											X												X	X	X																			↓	↓	FNA	RF
18:15											X												X	X	X																				M/25	None	—	—
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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																																															

COMMENTS: Bwc and Rbc from 915-945. Duiker killed

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 06th MONTH June YEAR 09 OBSERVER SMIC   Found: C FT FFT (N) Other _____

TJ① TgⓋ (handwritten at top)

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
642	OBS arrived at the nest site									
645	TJ	Tg	TT	TS	13/Log				Ø	
647	TT leaving onight nest									
649	TJ leaving onight nest									
652	Tg leaving onight nest									
657	chimps climbed down on ground and Moving									
659	Chimps started feeding on CAF young leaves									
700	TJ	Tg	TT	TS	13/Log	✓	CAF	YL	Ø	
715	TJ	Tg	TT	TS	n	✓	n	n	Ø	
730	TJ	Tg	TT	TS	n	✓	n	n	Ø	
731	TT made arm threat to TS who made waar barks									
745	TJ	Tg	TT	TS	13/Log	✓	CAF	YL	Ø	
747	Chimps entered into FVA tree and started feeding on un ripe fruits									
800	TJ	Tg	TT	TS	13/Log	✓	FVA	UF	Ø	
815	TJ	Tg	TT	TS	n	✓	n	n	Ø	
828	Chimps leaving the feeding tree and moving on ground									
830	TJ	Tg	TT		13/Log	✓	CAF	YL	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 **06th** MONTH **June** YEAR **09** OBSERVER **SM/CJM** 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						
838	Chimps started feeding THV in adense									
	Vegetation									
844	TJ feeding on red soil from roots of afallen tree									
845	TJ	Tg	TT	TS	13 Log	✓	THV Soil SL		Ø	
900	TJ	Tg	TT	TS	6 Krd	✓	THV		Ø Bwe Rbc	
915	TJ	Tg	TT	TS	"	✓	"			
930	TJ	Tg	TT	TS	"	✓	"		"	
945	TJ	Tg	TT	TS	"	✓	"		"	
1000	TJ	Tg	TT	TS	13 Lower camp	✓	"		Ø	
1015	TJ	Tg	TT	TS	F/Gwi	✓	CAF	YL	Ø	
1030	TJ	Tg	TT	TS	"	✓	"	"	Ø	
1045	TJ	Tg	TT	TS	"	✓	CAF THV	YL	Ø	
1100	TJ	Tg	TT	TS	400 Gwi	✓	THV		Ø	
1115	TJ	Tg	TT	TS	"	✓	"		Ø	
1130	TJ	Tg	TT	TS	"	✓	"		Ø	
1145	TJ	Tg	TT	TS	"	✓	"		Ø	
1200	TJ	Tg	TT	TS	"	✓	"		Ø	
1215	TJ	Tg	TT	TS	"	✓	"		Ø	
1230	TJ	Tg	TT	TS	"	✓	"		Ø	
1245	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 06th MONTH June YEAR 09 OBSERVER SM ICJm 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						
1300	TJ	TG	TT	TS	GW/400	✓	THV		Ø	
1315	TJ	TG	TT	TS	u	✓	"		Ø	
1330	TJ	TS	TT	TS	u	✓	u		Ø	
1345	TJ	TG	TT	TS	u	✓	u		Ø	
1400	TJ	TS	TT	TS	G/400	✓	u		Ø	
1412	TG feeding on TRI young leaves									
1415	TJ	TG	TT	TS	G/400	✓	THV		Ø	
1430	TJ	TG	TT	TS	F/450	✓	u		Ø	
1445	TJ	TG	TT	TS	u	✓	n		Ø	
1453	TG grooming TS									
1454	TT approached a young Red duicker of about one week old TT made waar barks the duicker ran screaming and TJ also approach making waar barks. and grabbed the duicker and dragging it thru adense vegetation followed by TT while the duicker screaming.									
1500	TJ	TG	TT	TS	F/450				Ø	
1501	TJ grooming the young duicker as he makes lip smacks									
1504	TJ stoped grooming the duicker and throw it away and TT grabbed and dragging it on ground as duicker screaming									

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 **06th** MONTH **June** YEAR **09** OBSERVER **Smic Jm** 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						
1508	As TT continue dragging the young duicker he trapple on it and the duicker screaming Tg TS looking at TT both were moving thru apoor view									
1510	TJ	Tg	TT	TS	F/450				∅	
1530	TJ	Tg	TT	TS	B/450				∅	
1531	TT sloped dragging the young duicker left lying on [On ground TT moved away]									
1531	Tg grooming TJ									
1533	Hand clasp mutual groom Tg ←→ TJ									HCG
1534	TJ groomed Tg									
1536	Tg grooming TT									
1536	TT made non vocal displays against red duicker, shortly he grabbed and dragging it on ground the duicker screamed									
1542	Hand clasp mutual groom Tg ←→ TT									HCG
1544	TJ groomed Tg after hand clasp									
1545	TJ	Tg	TT	TS	A/450				∅	
1548	Tg grooming her self									
1549	Tg grooming TS									
1552	TT carrying the duicker on his mouth as all chimps moving.									

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 **06th** MONTH **June** YEAR **09** OBSERVER **SM1CJM** 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						
1553	The yong red duicker died after TT dragging and trappling on ground for un hour. and TT continued dragging it as Chimps moving			in 320 metres from where TT grabbed it N						
1600	TJ	Tg	TT	TS	O/19				Ø	
1607	Chimps climbed into FNA tree and started feeding and TT climbed with dead body of a yong duicker									
1611	TT droped a dead body of a duicker on ground from a tree in 18 m high									
1615	TJ	Tg	TT	TS	Q/23	✓	FNA	RF	Ø	
1630	TJ	Tg	TT	TS	u	✓	u	u	Ø	
1645	TJ	Tg	TT	TS	u	✓	u	u	Ø	
1700	TJ	Tg	TT	TS	u	✓	u	u	Ø	
1715	TJ	Tg	TT	TS	u	✓	u	u	Ø	
1727	Tg build a night nest with in a feeding tree (FNA) and rest HT=22m Dbh 115 cm .									
1730	TJ	TS	TT	TS	Q/23	✓	FNA	RF	Ø	
1745	TJ	Tg	TT	TS	u	✓	u	u	Ø	
1759	TS entered into old nest and Improving it then rest tree = olea HT = 24 m Dbh = 46 cm.									
1800	TJ	Tg	TT	TS	Q/23	✓	FNA	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 __06th__ MONTH __June__ YEAR __09__ OBSERVER __SM | CJM__ 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						
1815	TJ	TG	TT	TS	Q/23				Ø	
1817	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