DAY **22nd**   MONTH **02**   YEAR **09**   OBS-PC **Fm** TMF/40 **KJ MK**   HOW FOUND **FT**

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
(estrus marks)						1 2		1			1		1	1 1									

Time grid (5:45 – 20:30, 15-min intervals). Presence marked with X.

Right-hand annotations (GRID / MNK / SP / PT):

Time	GRID	MNK	SP	PT
9:00	M/26	Mgb	FCP	RF
10:15		mgb		
11:15		(↓)	↓	↓
11:30			FCP	RF
11:45		BAB	—	—
12:00		"	THV	THV
12:15		"	"	"
12:30		"	THV	THV
12:45	M/26	P-DT	—	—
13:00	M/26		THV	THV
13:15			—	—
14:15			THV	THV
14:30			—	—
15:00			—	—
15:15	M/26		TRL	YL
15:30	N/26		FBR	RF
15:45	"		"	"
16:00	N/26		FBR	RF
16:15	N/25		—	
16:30	M/25		FNA	RF
18:00			FNA	RF
18:15			THV	THV
18:30			"	"
18:45			CHT	YL
19:00	M/25		—	—

Health	ST TU	...	BL BU BO	...	LR LO	...
			1 1 1		1 2	1 1 1 1

COMMENTS: LO was heard coughing. (productive cough).

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 __22nd__ MONTH __02__ YEAR __09__ OBSERVER __FmK JmK__ 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						
854	Obs found chimps feeding on FCF at B/27.									
900		WL LR RT	BV LO WC		B/27	✓	FCF	RF	mgb	
915		WL LR RT	WC LO QV		4	✓	4	4	4	
918	RT grooming LR.									
925	LR grooming RT.									
928	BL BU BO joined the party and all made panthoots.									
930		BU BL LR WL RT	BO LO WC QV		B/27	✓	FCF	RF	mgb	
945		BL LR RT WL BU	BO LO WC QV		4	✓	4	4	4	
955	WL building a day nest in the feeding tree.									
957	LR moved into an old nest.									
958	RT moved into an old nest and started improving it									
1000		BL LR RT WL BU	BO LO WC QV		B/27	✓	FCF	RF mgb		
1015		BL LR RT WL BU	BO LO WC QV		4	✓	4	4	4	
1023	BL self grooming.									
27	BO self grooming.									
1030		BL LR RT WL BU	BO LO WC QV		B/27	✓	FCF	RF		
1045		BL LR RT WL BU	BO LO WC QV		4	✓	4	4		
1057	WL (WC) leaving the day nest.									
1058	BL grooming BO.									

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 __22nd__ MONTH __02__ YEAR __09__ OBSERVER __Fm mk KJ__ 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						
1100		BL LR QT WL BU	WC LO QN BO		B/27	✓	FCD	RF		
1115		BL LR WL QT BU	BO LO QN WC		"	✓	"	"		
1118	LR (LO) leaving the day nest.									
1130		BL LR WL QT BU	WC LO BO QN		B/27	✓	FCD	RF		
1132	QT (QN) leaving the day nest.									
1132	LR grooming WL.									
1136	chimps leaving the feeding tree.									
1144	QT grooming LR.									
1144	QN playing alone by swinging.									
1145		BL LR QT WL BU	BO LO QN WC		B/27				BAB	
1146	BL grooming LR.									
1147	BO wanted to playing with LO QN but they ignored.									
1151	BL grooming BU and LR grooming QT.									
1200		BL LO LR WL QT	WC LO QN BO		B2/27	✓	THV	THV	BAB	
1205	LO playing alone by swinging.									
1206	LR playing with LO by biting.									AP
1212	LO was heard coughing. (productive).									
1215		BL LR QT WL BU	WC LO QN BO		B2/27	✓	THV	THV		
1230		BL WL QT BU	BO LO WC QN		"	✓	"	"		

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 **22** MONTH **02** YEAR **09** OBSERVER **Fm KJMK** 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						
1244	LR Self grooming.									
1245		WL LR BL QT BU	WC LO BO QV		F/28				PST	
1251	QT BU self grooming.									
1252	BU grooming BO.									
1253	QT playing with QV by touching and hitting.									AP
1300		WL LR BL BU QT	WC LO BO QV		F/28	✓	THN	THN		
1301	BU grooming BO.									
1305	BO playing with WC by touching.									
1315		WL LR BL BU QT	WC LO BO QV		F/28					
1329	QT grooming WL									
1330		WL LR BL BU QT	WC LO QV BO		F/28					
1336	QV was playing alone by swinging on the branch and BO pulled him, then QV barked and QT intervened by pulling him to herself, and BO fled silently.									
1345		BL LR QT WL BU	BO LO WC QV		F/28					
1400		BL LR BU WL QT	BO LO WC QV		↳					
1415		BL LR BU WL QT	BO LO WC QV		T/GLT	✓	THN	THN		
1427	BO playing with LO by touching.									

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 **22nd** MONTH **02** YEAR **09** OBSERVER **Fm. KJmk** 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						
1430		BL LR QT WL BU	BOLO WC QV		I / GLT					
1431	BU playing with BO by touching.									
1432	LR grooming WL.									
1430	WL self grooming.									
1442	BU joined BOLO and played by touching.									AP
1443	BU playing with BO									AP
1445		BL LR WL BU QT	BOLO WC QV		I / GLT					
1500		BL LR WL BU QT	BOLO WC QV		4					
1507	LR grooming LO.									
1509	WL approached and pant grunted to LR who groomed her.									
1511	WL grooming QT.									
1513	QT grooming LR.									
1514	LR feeding on TRT young leaves.									
15		BL LR WL BU QT	LOBO WC QV		I / 23	TRT	VL			
1521	Chimps climbed into FBR at /21 and immediately QT made an arm threat to BO who fled screaming then. BU BU made war barked and LR defended BO and made attack one to QT once. Immediately QT ran around LR and made attack			F						

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 __22__ MONTH __02__ YEAR __09__ OBSERVER __Fri KJMK__ 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						
	One ~~to BO~~ x by slapping ~~and he fled screaming~~ then									
	LR made non vocal displays and hit QT with									
	a branch and she fled screaming and BO BU WC									
	all made war barks.									
1530		BO LR WL BU QT	LO BO BV WC		F/21	✓	FBK	RF		
1545		BO LR WL BU QT	LO BO BV WC		"	"	"	"		
1600		BO LR WL BU QT	LO BO BV WC		"	✓	"	"		
1602	chimps leaving the feeding tree.									
1603	Bo inspected WL by smelling on the Estrous, then									
	both WL BO ate brown soil from the roots.									
1610	QT feeding on ANT young leaves.									
1611	QT grooming LR and BU grooming BO.									
1613	Hand clasp mutual groom									Hcg LR⇄QT
1614	QT grooming LR and Immediately made hand									Hcg LR⇄QT
	clasp mutual groom again. BU grooming BU.									
1615	chain groom BO→LR→QT.									
1615		BO LR BU WL QT	WC BV BO WO		C/19					
1616	LR grooming QT.									
1618	Hand clasp mutual groom									Hcg BL⇄BU

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 **22**   MONTH **02**   YEAR **09**   OBSERVER **FmKJmK** 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						
1619	Bh grooming Bu .									
1624	Chimps climbed into FNA at B/17 and made foodgrunts									
1630		Bh LR WL BU RT	DV WC BOLO		4	✓	FNA	RF		
1645		Bh LR WL BU RT	DV WC BOLO		4	✓	4	4		
1700		Bh LR WL BU RT	DV WC LOBO		4	✓	4	4		
1715		Bh LR WL BU RT	DV WC LOBO		4	✓	4	4		
1725	LR grooming LO .									
1730		Bh LR WL BU RT	DV WC LOBO		B/17	✓	FNA	RF		
1745		Bh LR WL BU RT	DV WC LOBO		4	✓	4	4		
1800		Bh LR WL BU RT	DV WC LOBO		"	✓	FNA	RF		
1806	Chimps leaving the feeding tree.									
1811	LR feeding on ANT and RT feeding on TRI					4				UNF
1815		Bh LR WL BU RT	LOBO DV WC		B/17	✓	THV	THV		
1830		Bh LR WL BU RT	LOBO DV WC		4	✓	4	4		
3316	Chimps scattered and others get lost in THV.									
1845		LR	LO		A/16	✓	CHT	4		
1858	LR building a night nest , 10 m high DBH 18cm (E) sp. strombosi									
1900		LR	LO		A/16					
1904	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