

g. seen + checked

1

Date: 20/08.2007									Obs: Izumi/Elen					Cuaca:				
Ibu: LISA					anak: LILLY				Ibu:					anak:				
jam	kegia tan	item	jenis/patch	tinggi	kegia tan	item	jenis/patch	tinggi	jam	kegia tan	item	jenis/patch	tinggi	kegia tan	item	jenis/patch	tinggi	
5.46									7.30									
5.48									7.32									
5.50									7.34									
5.52									7.36									
5.54									7.38									
5.56									7.40									
5.58									7.42									
6.00									7.44									
6.02									7.46									
6.04									7.48									
6.06									7.50									
6.08									7.52									
6.10									7.54									
6.12									7.56									
6.14									7.58									
6.16									8.00									
6.18									8.02									
6.20									8.04									
6.22									8.06									
6.24									8.08									
6.26									8.10									
6.28									8.12									
6.30									8.14									
6.32									8.16									
6.34									8.18									
6.36									8.20									
6.38									8.22									
6.40									8.24									
6.42									8.26									
6.44									8.28									
6.46									8.30									
6.48									8.32									
6.50									8.34									
6.52									8.36	F	fr	RIIP	15+					
6.54									8.38	F	fr	RIIP	15+					
6.56									8.40	F	fr	RIIP	15+					
6.58									8.42	F	fr	RIIP	15+					
7.00									8.44	F	fr	RIIP	15+					
7.02									8.46	F	fr	RIIP	15+					
7.04									8.48	F	fr	RIIP	15+					
7.06									8.50	F	fr	RIIP	15+					
7.08									8.52	F	fr	RIIP	15+					
7.10									8.54	F	fr	RIIP	15+					
7.12									8.56	F	fr	RIIP	15+					
7.14									8.58	F	fr	RIIP	15+					
7.16									9.00	F	fr	RIIP	15+					
7.18									9.02	F	fr	RIIP	15+					
7.20									9.04	F	fr	RIIP	15+					
7.22									9.06	F	fr	RIIP	15+					
7.24									9.08	F	fr	RIIP	15+					
7.26									9.10	F	fr	RIIP	15+					
7.28									9.12	F	fr	RIIP	15+					

sosial				pagi: anak di sarang ?				ibu/sendiri	
jam	siapa	buat apa	sama siapa	jam	jarak ibu-anak	cuaca	pohon sama/lain		
8:35	Saya	lihat	guguran	6:00					
8:44	Meroka	parit	3	6:30					
8:54	Ranciny	Sembil	Korirahat	7:00					
	Dia	mengalqarkan	Suara	7:30					
				8:00					
				8:30					
				9:00		Cerah			



Date: 20/08.2007.									Obs: 12UM1 / ELEN					Cuaca: Berawan					
ibu: LISA					anak: LILLY					ibu:					anak:				
jam	kegla tan	item	jenis/patch	tinggi	kegla tan	item	jenis/patch	tinggi	jam	kegla tan	item	jenis/patch	tinggi	kegla tan	item	jenis/patch	tinggi		
9.14	P			10+	P			10+	10.58	F	YL	PSE	5+	F	INS	PYP	10+		
9.16									11.00										
9.18					MB			10+	11.02										
9.20									11.04										
9.22									11.06	MB			5+	MB			8+		
9.24	MB			10+	F	FF	PULIN	5+	11.08	F	YL	Liana(?)	6+				8+		
9.26	F	INS	PYP	10+					11.10	MB			8+	MB			8+		
9.28	MB			10+					11.12	F	INS	PYP	8+	N			10+		
9.30	F	INS	PYP	10+	MB			10+	11.14					PSC					
9.32					F	INS	PYP	10+	11.16					F	INS	PYP			
9.34					P			10+	11.18	MB			5+	F	INS	PYP	15+		
9.36					F	INS	PYP	15+	11.20	F	INS	PYP	5+						
9.38									11.22										
9.40									11.24	MB			8+	MB			8+		
9.42	MB			10+					11.26	F	INS	PYP	8+	F	INS	PYP	8+		
9.44	F	INS	PYP	10+					11.28										
9.46					MB			15+	11.30										
9.48	MB			8+	F	INS	PYP	10+	11.32										
9.50	F	INS	PYP	4+					11.34										
9.52	F	YL	PYP	5+					11.36										
9.54	F	INS	PYP	8+	MB			10+	11.38	MB			8+	MB			8+		
9.56				10+					11.40	F	INS	Scrub	9+	F	INS	Scrub	9+		
9.58					F	INS	PYP	15+	11.42										
10.00									11.44										
10.02									11.46										
10.04					MB			15+	11.48	F	INS	PYP	7+	F	INS	PYP	7+		
10.06	MB			10+	F	INS	PYP	15+	11.50	F	YL	Liana	5+	MB			8+		
10.08	F	INS	PYP	10+					11.52	F	YL	Liana	5+	F	INS	PYP	8+		
10.10									11.54	MB			5+	MB			8+		
10.12									11.56	F	YL	PSE	5+	F	YL	Liana	15+		
10.14									11.58	MB									
10.16									12.00										
10.18				15+	F	INS	PYP	15+	12.02	F	YL	PSE	7+	F	INS	MLK(M)			
10.20									12.04										
10.22									12.06										
10.24									12.08										
10.26									12.10	P		gedombang	F	P					
10.28					N	PSE			12.12										
10.30									12.14										
10.32									12.16										
10.34					F	INS	PYP		12.18	MB			8+				8+		
10.36									12.20										
10.38									12.22	SP			8+						
10.40									12.24	ROP				F	INS	PYP			
10.42									12.26										
10.44									12.28	P									
10.46									12.30	MB			8+						
10.48									12.32					F	INS	MLK	20+		
10.50									12.34	F	INS	PYP	5+						
10.52	MB			5+	MB			8+	12.36	P			9+						
10.54	F	YL	PSE	5+	F	INS	PYP	10+	12.38	F	INS	MLK	15+						
10.56									12.40				20+						

SOSIAL				jam	jarak	cuaca	pohon sama/lain
jam	siapa	buat apa	sama siapa	jam	jarak	cuaca	pohon sama/lain
9:14	istrian	sambil	suamiku	9:30	3m	Colan	-
9:18	Sony anak	menjintip	manusia lain yg	10:00	2m	podasam	-
9:21	Jarak rta	sekitar 50m	79 pengapa	10:30	4m	-11-	-
9:26	Sony anak	terus	KISS SUEK	11:00	7m	-11-	-
9:26	Kami	Kayu		11:30	4m	-11-	-
9:26	Ibu	barak		12:00	2m	-11-	-
9:37	Sony anak	kencing	sambil	12:30	3	4	?
9:40	Sony anak	merusak	sarung				
9:46	Sony anak	merusak	sarung				
9:46	Ibu	kencing	sambil				
9:49	Ibu	berak	sambil				
10:17	Anak	bikin	sarung				
10:33	Saya	melihat	anak				
10:28	Dia	makan	gari				
11:05	Ibu	kencing	sambil				
11:07	Ibu	merusak	pohon				
11:10	Anak	bikin	sarung				



Date: 20/08-2007

Obs: 12mm / Elan

**Cuaca:** Berawan

ibu: LISA					anak: LILY					ibu:					anak:				
jam	kegia tan	item	jenis/ patch	tinggi	kegia tan	item	jenis/ patch	tinggi	jam	kegia tan	item	jenis/ patch	tinggi	kegia tan	item	jenis/ patch	tinggi		
12.42	F	FR	MLK(M-M)	1	F	FR	MLK	20+	12.26	Mb			6+	MB			15+		
12.44									12.28	F	YL	Liana(?)	6+	F	YL	RSEP	15+		
12.46				15+					12.30			RSE	6+						
12.48									12.32										
12.50	F	YL	RSE	8+	?				12.34	F	YL	Liana(?)	5+	F	YL	RSEP	15		
12.52	F	YL	RSE	8+					12.36										
12.54	F	FR	PUIN(M)	20+	F	YL	RSE	8+	12.38			RSE							
12.56	MB			2+					12.40	F		RSE	10+						
12.58	F	FR	MLK	20+	?				12.42										
13.00	F	FR	PUIN	20+					12.44										
13.02				20+					12.46										
13.04									12.48										
13.06									12.50					F	FR	PUIN	15+		
13.08									12.52										
13.10									12.54										
13.12									12.56	F	ms	RAYAT							
13.14									12.58										
13.16	MB			15+	MB			15+	13.00	F	YL	RSE		MB			10+		
13.18									13.02			RSE		F	ms	RAYAT	8+		
13.20	F	FR	PUIN	20+	F	FR	PUIN	20+	13.04										
13.22									13.06					F	YL	Liana(?)	10+		
13.24	MB			10+	MB			10+	13.08										
13.26				5+				5+	13.10										
13.28	F	ms	RAYAT	4+	?				13.12	MB			5+	MB			10+		
13.30				5+					13.14										
13.32									13.16										
13.34									13.18										
13.36	F	YL	Liana(?)	5+					13.20	F	YL	Liana(?)	2+						
13.38	MB			6+					13.22			RSE							
13.40	F	ms	RAYAT	7+					13.24										
13.42	F	FR	MLK(M)	15+					13.26										
13.44									13.28										
13.46									13.30	F	YL	?	5+						
13.48									13.32										
13.50									13.34										
13.52	MB			10+					13.36	F	YL	RSE	5+						
13.54	F	YL	Liana(?)	5+					13.38	F	ms	RAYAT	5+						
13.56									13.40										
13.58	F		Liana APK	4+					13.42										
14.00	MB			4+					13.44										
14.02	F	FR	MLK(M)	15+					13.46	F			5+						
14.04									13.48	F	YL	RSE	5+						
14.06	MB			10+					13.50	F	YL	RSE	5+						
14.08					F	FR	PUIN	10+	13.52										
14.10	F	ms	RAYAT	7+					13.54					F	FR	PUIN	10+		
14.12				5+					13.56	F	YL	Liana(?)	4+						
14.14									13.58	MB			4+						
14.16					MB			10+	14.00	F	YL	RSE	4+						
14.18	MB			8+	F	ms	RAYAT	10+	14.02										
14.20	F	FR	PUIN	10+					14.04										
14.22	MB				MB				14.06										
14.24				8+	D			8+	14.08										

**SOSIAL**

jam	siapa	buat apa	sama siapa	jam	anak-ibu	cuaca	pohon sama/lain
13:15	Sony	Ibu	Menghantar Xanna menunggu anak-a Sony pergi dalam beberapa saat.	13:00		menyung	
13:16	Sony	anak	muncul lg dari arah Selatan. Mengecek kembali Ibu-a.	13:30		-1-	
				14:00		-1-	
14:11	Sony	anak	muncul lg dari arah timur menuju <del>barat</del> ke arah Ibu-a.	14:30		-1-	
14:21	anak	mukul	Susu	15:00		Pohon	
14:23	anak	mukul	Susu (ambur) bergantungan pada akar Ciana.	15:30		mentas	
14:24	Ibu	Istriah	Barang memberi anak nya minum Susu	16:00		-1-	
14:35	Ibu	melusak	Sarang lama guna mencari payup / gempul.				
15:40	Ibu	fancier	sambil bergantungan di atas pohon.				
15:45	Ibu	barak					
15:48	Jantan	dewasa	mengetaki Ibu yg masih punya anak sedikit 10 m.				



Date: 20/08-2007										Obs: Rumi / Elan					Cuaca: Badaiawan						
ibu: Lisa Rani					anak: Lily					ibu:					anak:						
jam	kegia	tan	item	jenis/ patch	tinggi	kegia	tan	item	jenis/ patch	tinggi	jam	kegia	tan	item	jenis/ patch	tinggi	kegia	tan	item	jenis/ patch	tinggi
16.10	F	YL		RL mngk	4+	?					17.54										
16.12											17.56										
16.14											17.58										
16.16											18.00										
16.18											18.02										
16.20											18.04										
16.22											18.06										
16.24											18.08										
16.26	MB				4+						18.10										
16.28	F	YL		RSE	5+						18.12										
16.30											18.14	N									
16.32											18.16										
16.34											18.18										
16.36					10+	R					18.20										
16.38					10+	MB					18.22	Rs		gak?							
16.40					10+		YL		RSE		18.24	Rs		golek							
16.42											18.26										
16.44											18.28										
16.46											18.30										
16.48	F	ms		RYP	8+						18.32										
16.50							ms		RYP		18.34										
16.52	MB				10+	MB					18.36										
16.54											18.38										
16.56					10	R					18.40										
16.58											18.42										
17.00											18.44										
17.02											18.46										
17.04							ms		RYP		18.48										
17.06	F	ms		RYP							18.50										
17.08											18.52										
17.10											18.54										
17.12	F	YL		RSE	8+	MD					18.56										
17.14							Fr		Puin		18.58										
17.16											19.00										
17.18											19.02										
17.20	MB				10+						19.04										
17.22	R				15+						19.06										
17.24	MB				15+						19.08										
17.26											19.10										
17.28	F	Fr		Puin	20+						19.12										
17.30											19.14										
17.32											19.16										
17.34											19.18										
17.36											19.20										
17.38											19.22										
17.40											19.24										
17.42											19.26										
17.44											19.28										
17.46											19.30										
17.48											19.32										
17.50											19.34										
17.52											19.36										

## sosial

jam	siapa	buat apa	sama siapa	sebagai	jarak	cuaca	pohon sama/lain
16:36		sang anak menendang lg, karna dia babalapa			16.30	merembay	
		menit klanahilaw, klanahilaw di klanahilaw			17.00	5m klanahilaw.	
		barengan ibu nya. ya lg istirahat di			17.30	?	
		balatam, ibu-a.			18.00	?	
16:56		ibu anak gawasa memukul bayi hati sama			18.30		
		ibu ya puyuh anak gawasa kuat.			19.00	noncooperative Fshare	
16:55		ibu mengedat jantan gawasa sambil			19.30		
		menyuruh jantan gawasa					
16:56		ibu istirahat sambil barengan klanahilaw klanahilaw					
		gawasa gawasa klanahilaw klanahilaw klanahilaw					
		gawasa klanahilaw klanahilaw klanahilaw					
17:06		Anak bareng klanahilaw klanahilaw klanahilaw					
18:13		mulai bikin sarang					
18:14		Anak membantu ibu bikin sarang.					
18:20		Selanjutnya bikin sarang					
18:30		Jangkarm dari sarang menuju camp.					

Anak kegiatan ? => tdk terlihat.

Date: 20/08.2007

Observer: Izumi/Elen.

sosial			
jam	siapa	buat apa	sama siapa
11:37	Anak	mirum Gusu	
11:49	Ibu	Kencing	
12:21	Ibu	Bersama kadan nya bersenda	lean back (adherover)
12:24	Jantan dewasa	Bersama Ibb berkopulasi	Sambil berpindah dari cabang pohon Mu.
12:27	Ibu	Berak Sesudah kopulasi	
12:28	Ibu	Kencing	seen again
15:53	Sama anak	Mencah 19 dari arah Timur menuju Iba nya.	

Date: 20/08.2007

Observers: Rumi, (Elen).

Nest Reference Number:

Lisa dan Lilly

Fokai: Lisa dan Lilly

Lilly-1 Lilly-2

Baru

Baru

Baru

Sarang Baru, Dipakai lagi, Diberbaiki?

GPS - Nama Wayoint

Jumlah mawas dalam party waktu focal bikin sarang

Jam Mulai bikin sarang

Jam Selesai

Jenis Pohon sarang

Ketinggian pohon sarang

Ketinggian sarang diukur dari dasar sarang

Posisi sarang

Mem bawa daun ke dalam sarang?

Jam mengambil daun

Jenis daun yang dibawa

Jarak asal daun ke sarang

Nest Features (ada / tidak / tidak tau)

Bantal

Selimut

Atap

Alas

Bersuara - keterangan dibawah

Menggilat ranting atau ranting lewat mulut - kltgn

Arah tidur (kepala ke kaki)

Jam Golek

Pohon Makan Terakhir

Makan apa terakhir?

Kalau bukan buah, jam berapa dia akhir mkn buah?

Jarak dari pohon buah terakhir di makan ke sarang

Arah dari pohon buah terakhir di makan ke sarang

Jumlah buah pohon terakhir di makan

Jumlah buah pohon sarang - kalau ada

Perilaku Sosial

Main-main dalam sarang?

Sarang khusus utk main main?

Jarak sarang2 saat ada party

Pagi

Jam berangkat dari sarang

Jarak dari sarang ke pohon berbuah pertama makan

Arah dari sarang ke pohon pertama makan

Crop load pohon pertama di makan

Kalau tdk makan buah pertama, makan apa?

Pembelajaran sosial Ibu-anak

Ibu-anak satu/slain sarang?

Jarak sarang ibu dari anaknya

Keterangan -



Date: 20-8-07										Obs: Ellen, Rumi					Cuaca:				
Ibu: Lisa (AB)					anak: Lilly (AK)					Ibu: Lisa (AB)					anak: Lilly (AK)				
jam	kegiatan	item	jenis/patch	tinggi	kegiatan	item	jenis/patch	tinggi	jam	kegiatan	item	jenis/patch	tinggi	kegiatan	item	jenis/patch	tinggi		
9.14	R	sit		5+					10.58	F	yl	resak/bas	0+	F	ins	ryp	5+		
9.16									11.00										
9.18									11.02										
9.20									11.04										
9.22									11.06										
9.24					mc	↑		20+	11.08			↓ atree							
9.26			berak		Fs	Pr	Puwin		11.10	mt				mt					
9.28				10+	+	+	+		11.12	R	sit		5+	N			10+		
9.30					mt			10+	11.14	mt				RS					
9.32	R	hang			R	sit			11.16	F	ins	smt	0+	F	ins	ryp			
9.34	F	ins	ryp		R	hang			11.18	mt									
9.36					F	ins	ryp		11.20	R?									
9.38									11.22										
9.40								5+	11.24	F	ins	ryp	5+	F	ins	ryp?	10+		
9.42	R	sit						15+	11.26	F	ins	ryp/smt							
9.44									11.28	F	ins	ryp							
9.46	F	ins	ryp		mb				11.30					F	ins	ryp			
9.48	R	hang		10+	F	ins	smt	20+	11.32										
9.50									11.34										
9.52	mt			5+					11.36										
9.54	mc	↑							11.38										
9.56	F	ins	smt	10+					11.40	F	ins	smt	10+	F	ins	smt	10+		
9.58					F	ins	ryp?		11.42										
10.00					mb			15+	11.44										
10.02				15+	F	ins	ryp	10+	11.46										
10.04									11.48	F	ins	ryp	5+	mt					
10.06	mb								11.50	R	sit	+kr		F	ins	ryp			
10.08	F	Pr	Puwin						11.52	mt									
10.10	F	yl		20+					11.54				0+	mb					
10.12									11.56	F	lv	kacabing		F	yl	akar	20+		
10.14									11.58	mt									
10.16									12.00										
10.18					F	Pr	Puwin	90+	12.02				10+	F	Pr	MLK			
10.20									12.04	F	lv	gelombang		mt			15+		
10.22									12.06					mb			10+		
10.24									12.08					D			5+		
10.26									12.10	R	sit			R	sit				
10.28					N				12.12										
10.30					R?				12.14										
10.32									12.16										
10.34					F	Pr	Puwin		12.18	mt				F	ins	ryp?			
10.36									12.20	R	st			mt					
10.38									12.22	SP				SP					
10.40									12.24	R	sit + vx			R	hang	0007			
10.42									12.26	cop									
10.44									12.28	R/mb				mb					
10.46									12.30					F	ins	ryp.			
10.48									12.32										
10.50									12.34										
10.52									12.36										
10.54	F	yl	resak	0+	F	ins	ryp	5+	12.38	F	Pr	MLK	15+	F	Pr	MLK	20+		
10.56									12.40										

SOSIAL														
jam	siapa	buat apa	sama siapa								jam	jarak	cuaca	pohon sama/lain
1030	AK	ksq	classic	exactly when already							9:30		berawan	
1037-1030	AK	N	(1033)	AK sudah keluar N (don't know from)							10:00			
1044	AB	scratches	ass								10:30			
1110	AB	2 x ksq		AK 1 x ksq: We are still at rialis tag D...							11:00			
1117	AB	sneezes		1154 AB ksq; 1155 AB Flv kacabing							11:30			
1200	AB	Flv	resak								12:00			
1209	AK	drinks	milk AB	1212 AB scratches <del>Waller</del> sholder & breast.							12:30			
1212	AK	drinks	milk again	1214 AB tdk kasih susu lagi; she moves away a bit 4m										
1220-1223	AB & AK	SP		banyak suara (tinggi) - seperti kuss, geyang grgr; AK M duluan. AB follows and then a follows										
1225	many copulations AB even though AB struggles and display. Also meanwhile copulation AB geyang branches. Just before AB staged in direction of where we hear sounds as from another orangutan. We are at location Wgeo; The male got an erection but no fluid/sperm visible & afterwards (while they mated on) we find blood drops from AB on the ground.													
1227	AB	berak		atas kepala saya & kr (berak diambil untuk sample)										
1229	AK	F	ins ryp											
1236	ikut	lagi	cimp w/D											



Date: 20-8-07					Obs: Elen, Izumi					Cuaca: berawan/mendung									
ibu: Lisa (AB)					anak: Lilly (AK)					ibu: Lisa (AB)					anak: Lilly (AK)				
jam	kegiatan	item	jenis/patch	tinggi	kegiatan	item	jenis/patch	tinggi	jam	kegiatan	item	jenis/patch	tinggi	kegiatan	item	jenis/patch	tinggi		
12.42	Ftd	Pr (1/2M)	MLK	15+	Ftd	Pr	MLK	25+	14.26	R	st		5+	Mb			10+		
12.44									14.28	F	lv	akar	1	F	lv	resak puy	15+		
12.46									14.30			resak biasa					+		
12.48									14.32	Mb							10+		
12.50	Mt?								14.34	F	yl	akar	0+						
12.52	R?								14.36										
12.54	Ftd	Pr (1/2M)	MLK	20+	F	lv	resak		14.38			resak biasa							
12.56	Mb			2	?	?	?		14.40			resak + akar							
12.58				25+					14.42										
13.00	Ftd	Pr	Puwih	15+	Ftd	Pr	Puwih		14.44										
13.02	R	st							14.46										
13.04			Puang Ak						14.48										
13.06									14.50					F	Pr	Puwih	20+		
13.08									14.52										
13.10									14.54										
13.12									14.56					F	lv	?			
13.14									14.58										
13.16	Mb			10+	Mb			10+	15.00					Mb			15+		
13.18		dulu							15.02										
13.20	Ftd	Pr	Puwih	25+					15.04										
13.22					Mb				15.06										
13.24				10+	Mt				15.08	F	yl	resak biasa		F	lv	akar	10+		
13.26				5+					15.10										
13.28									15.12	Mb			5+	Mb					
13.30									15.14										
13.32									15.16	Mt				Mt?					
13.34	F	ins	ryp	0+					15.18					Mt?					
13.36	F	yl	akar						15.20	F	lv	akar	0+						
13.38	Mt			5+					15.22										
13.40	R	hang							15.24										
13.42	R	st		10+					15.26	F	lv	?							
13.44	Ftd	Pr	MLK	15+					15.28										
13.46									15.30			LAPK	5+						
13.48									15.32										
13.50									15.34										
13.52									15.36	F	lv	akar							
13.54	F	yl + raring?		0+					15.38	F	ins	ryp							
13.56									15.40										
13.58			LAPK						15.42										
14.00	Mt								15.44	Mb									
14.02	Ftd	Pr (M)	MLK	15+					15.46	F	lv	akar							
14.04									15.48										
14.06	Mb	dulu							15.50										
14.08	R	hang		10+					15.52										
14.10	F	ins	ryp	5+					15.54										
14.12					Mb			10+	15.56					R	hang		10+		
14.14	Mt				F	Pr	Puwih		15.58										
14.16	F	ins	ryp						16.00	R	st								
14.18	F	Pr	Puwih		Mb			10+	16.02	Mt				Mb			5+		
14.20									16.04	RF	ins	ryp		F	lv	?	0+		
14.22	Mb								16.06										
14.24	R	hang			R	hang			16.08								5+		
SOSIAL																			
jam	siapa	buat apa	sama siapa																
1246	AK	>10m	back still as she didn't move while the others did																
1300	W/850	(location)																	
1315	AB	md < 2																	
1316	AK	md < 2																	
1317	AK	md < 2																	
1318	AK	md < 2	AB	AB M	dulu														
1321	other	mawas	approaching from the west	AK	moves	lewat	mi	> 2	AB	follows									
1323	AK	follows		1324	AK	lv	with	AB	but	M	lag	< 2m	AK	follows					
1337	AB	looks	in direction	AK	again														
1338	AK	mi	but then follows	again	> 2m	< 10m	still												
1341	AK	berak		1352	then	tidak	F	lag											
1356	AB	met	and brings	leafs	with	her	to	atan											
1403	I	hear	sounds	from	the	north	(AK?)	+ 30-20m	We	are	exactly	at	AB						
1411	dengan	AK																	
1415	The	Puwih	fruits	from	AK	are	bitten	open	vertically	(perfectly)	like	with	puang						



Date: 20-8-07										Obs: Ellen, Izumi				Cuaca:					
jam	ibu: Lisa (AB)				anak: Lilly (AK)				jam	ibu: Lisa (AB)				anak: Lilly (AK)					
	kegia tan	item	jenis/ patch	tinggi	kegia tan	item	jenis/ patch	tinggi		kegia tan	item	jenis/ patch	tinggi	kegia tan	item	jenis/ patch	tinggi		
16.10	F	ins	ryp	0+	F	yl *	rehab busa	25+	17.54	F	kl	P (1/2M)	Puwin	25+	F	kl	fr	Puwin	25+
16.12									17.56										
16.14									17.58										
16.16									18.00										
16.18									18.02										
16.20									18.04										
16.22									18.06										
16.24	F	yl	rehab busa						18.08										
16.26	mt								18.10										
16.28	mt								18.12	M/b				15+					20+
16.30	F	yl	rehab busa	5+	F	tbl			18.14	N				20+	P	stand	peer		1
16.32									18.16										
16.34									18.18										
16.36									18.20										
16.38									18.22										
16.40	R	sit							18.24										
16.42									18.26										
16.44									18.28										
16.46									18.30										
16.48	M/b								18.32										
16.50	F	ins	ryp		Mb			10+	18.34										
16.52	mt?								18.36										
16.54	R	hang			R	hang			18.38										
16.56									18.40										
16.58									18.42										
17.00	R	hang	peer	5+	R	hang	rehab busa	15+	18.44										
17.02									18.46										
17.04									18.48										
17.06	F	ins	modu karingat		F	ins	ryp		18.50										
17.08					R	hang			18.52										
17.10									18.54										
17.12	F	yl	resak		R	hang/sit			18.56										
17.14					Mb				18.58										
17.16					F	fr	Puwin?	20+	19.00										
17.18	F	yl	resak		Mb/F				19.02										
17.20	F	? y/sit	lelung modu karingat		F				19.04										
17.22	Mb								19.06										
17.24									19.08										
17.26									19.10										
17.28	F	yl	rehab busa	15+	F				19.12										
17.30									19.14										
17.32									19.16										
17.34									19.18										
17.36									19.20										
17.38									19.22										
17.40									19.24										
17.42									19.26										
17.44									19.28										
17.46									19.30										
17.48									19.32										
17.50									19.34										
17.52									19.36										

## sosial

jam	siapa	buat apa	sama siapa	jarak	anak-ibu	cuaca	pohon sama/lain
16.10	AK	buat tempat duduk untuk F santai					
16.13	AK	A position: not facing AB but facing 310° in stead	tempat duduk				
16.20	AK	Not sure whether AB sit F ryp	see data Izumi; AK keluar dari				
16.21	AK	for a while now already facing 230° which also a bit the direction AB is sitting					
16.23	AB	moves & follows: 16.24 d' md q < 2 m: 16.27 AB M towards AK					
16.29	AB	scratches back/neck 4x hearable: 16.28 Mb + F emit meanwhile she accidentally seem to come across ants: 16.29 d' md AB < 2					
16.30	AB	Fyl same as Ak; d' kembali: 16.32 mj AB md Ak < 2, all Fyl resak					
16.33	AK	2x scratches armpit; 16.33 AB md d' < 2 AK M & straight away; all within 2m (AK & AB on)					
16.36	AK	stands up to get lr but no special response AK/AB					
16.37	AK	md (mj 22m): AK md < 2 m md, d' + AB almost 2					
16.38	AK	md 22: 16.39 AB mj d' 22, d' follows, AB moves further but still within 2m					
16.40	AB	scratches her back 5x; d' md within arm length + M further mj 22, 16.41 AB scratches her back 2 ass + faces south while resting; 16.42 AB touches her					
16.45	AB	scratches her foot					
16.46	AB	scratches shoulder + stands up (to look at d')					
16.47	AB	M: 16.48 AB scratches dead/dry bark of trunk + drops it down right away and gets a new 1, F ryp					
16.51	AK	md to AB + forces a copulation → struggling ~ fighting sound; AK moves to other side AB					
16.52	AK	follows + moves further					
		gets backwards a bit, but d' pulls her back again q AB pulls herself backwards					

Date: 20-8-07

Observer: Ellen, kumi.

Lisa (AB), Lilly (AK) Otto (♂) / G/I sosial			
jam	siapa	buat apa	sama siapa
915	Lilly ksq + <del>md</del> md < 2 + Mt		Lilly on from Lisa
		also still, partly with Metty	
918	all R still, gibbons in east <del>only</del> only Lilly moved		
921	Lilly ksq 2x, 1x ksq siapa?		
923	Lilly 2x ksq + missile		
925	Lilly Ffr Pawan		
927	Fyp 5+		
928	Lisa Fyp 5+		
937	We hear a fast longcall		
938	Lilly kencing		
947	Lilly N destruction 20+; real N destruction		Lisa watches her for few seconds
948	Lisa kencing, + holds trees together (bridge, Otto passes by)		
949	Lisa borak		
953	Otto M dulu, Lisa follows < 2m; Lilly 2x ksq & like sounds also bit like she ate rayap		
955	Lilly 2x missile + 2x ksq 15+ 3 ksq, Lisa M dulu, Otto follow		
1007	Otto follows Lisa		
1009	Mawar lain moves past: Otto & Lilly look, Lisa just feeds. We are at D675		
1015	2 mawar lain now at 315° (I moved from 60° to 350°); mawar pentama at 10°		
1017	Lilly ksq while Mt		
1021	Lisa begging; (1027) Otto Moves on Lisa & Lilly T 2m distance		
1038	Lisa & Otto R hang for a moment looking at me		
1043	mawar lain approaches, 3x ksq; Lilly Drink susu (Ds) Lisa		
1053	Lisa Fyl relax biasa; (1056) looks at me		
1056	<del>Lilly ksq</del> Otto 1x ksq, <del>Lilly ksq</del>		
1057	Lilly 1x ksq; all 22 < 10m		
1105	Lisa kencing		
1106	Lilly watched me		
1107	Lisa & Lilly Mt together		
1109	" " "		
1114	Lilly keluar		
1116	in north trees are moving → partly again		
1124	all within 2m; just before I was taking a berak sample		
1127	Otto brakes off, big bark, Lisa peers		
1135	Lilly & Lisa close together (com); peer Lisa? but Lisa just R - wrong Lilly Ds? she is at the side of Lisa while Lisa R; than Fbeg Lilly to Lisa (bth) but Lisa holds back, than Lilly F herself.		
1138	Lilly follows straight away md < 2m; both start Fsmt, Lilly scratches herself 2x & looks at me, Than Ftol again together, Lisa M up a bit, Lilly M up a bit; both F a bit higher on tree. Lilly also uses her hand to pick the ants Lisa just picks them with her mouth. When Lilly stops Fsmt she looks at me; scratches 3x		
1140	Lisa feeds now with her index finger as well		
1141	Lilly looks at Lisa for a couple of seconds; than she moves liana away to get to the ants, <del>adjusts liana to Lisa</del> Lisa is facing from a tree hole now and feeds with index finger.		
1143	Lilly peering at Lisa again		
1144	Bertiga Fsmt at same spot.		



Date: 20-8-07

Observer: Ellen, Izumi

jam	siapa	buat apa	sama siapa
1416	Fins exp patch		
1415	banyak berak	we see also blood on the ground from AB	
1423	♂ ke		
1429	AB Fyl rusak biasa	; ♂ Fyl rusak poyo	
1435	It gets cloudy+windy		
1438	AB 2x LSH		
1441	gerimis		
1448	dry		
1500	Thunder in background		
1501	AK nice Mt	- goyang a bit with trunk and at highest point she partly moves over to a little side branch(es) to get a large sweep	
1510	♂ berak		
1520	♂ <del>missile</del> missile 1x		
1554	♂ F sm <sup>1</sup> from lobung tree		
1602	see data Izumi (♂)		
1530	♂ looks in direction 40°		
1653	AK ikut AB > 5m	; ♂ Moves also back now (kembali); M dulu an now; AB follows < 2m + R	
1655	AB md < 2 ♂ and peers while ♂ F sm <sup>1</sup> literally "met de new erboven op ~ nose above it)"	madu keringat lobung pohon	
1700	AK berak; hampir kenah atas kepala ♂ (1st)		
1709	AK making movements with arm towards above her head; while hanging upside down (APD)		
1145	Otto looks, Lilly after a moment turns away from the ants and moves closer to Lisa (belakian Lisa)		
1150	Lisa kening; Lisa md Otto (still < 2m), Otto ksq		
1152	Lisa Mt but not successful.		
1153	Lilly begins tree-way across a wide tree gap (different from 1152), Otto ksq again		
1204	Otto and Lisa are not facing each other		
1258	Lisa & Otto mj dari Lilly		
1303	Otto mj > 2; Lisa follows		
1536	Otto M dulu, Otto kembali		
1548	< 2m Otto moved only (R sit stare at Lisa)		
1553	gerimis lagi, lihat Lilly lagi < 10m		
1705	Otto mj > 2m Lisa		
1710	Lisa scratches with right hand underneath left arm		
1711	Lilly R sit & wipes her nose while Lisa leaves the tree		
1712	Lisa md Otto < 2m; Frol yl rusak		
1722	Lisa md Otto < 2m; Otto Moves dulu, Lisa follows both move in direction Lilly		
1739	Lilly md Lisa; mtn? They are high up in the tree so they just as well could be above each other meaning there was no mtn.		
1740	Lisa wants to move, sits down. Lilly immediately follows; contact em not clear whether Lilly is begging, though she can eat the fruits herself already		
1742	again Lisa & Lilly are close together (cm), can't see though whether Lilly is begging		

mj = men; auhi, md = mendekati

Date: 20-8-07

Observer: Ellen, Izumi

jam	siapa	buat apa	sosial	sama siapa
1745	Lilly & Otto	ABCAK & sosial		
1747	Lisa	met		Lilly & Otto
1751	Lilly	met		Lisa
1800	Lisa & Lilly			
1809	Lilly	md		Lisa
1810	Otto	md		Lilly
1811	Lisa	Mc		Lilly
1813	Lisa & Lilly			
1817	Otto	stops		F Puwin
1817	1x	raspberry		
1818	raspberry	17x		while making pillow. (couldn't see whether she pulled the branches lewat her mouth before putting them in the nest)
1818	Otto	starts making a nest		Lilly helps making Nest according to Izumi
1820	golek	Lisa		
1653	Lilly	ikut		Lisa
1655	Lisa	md		Otto
1700	Lilly	berak		hampir kenah kepala Otto (1st) Lilly
1709	Lilly	makes		hitting movements with arm towards/above her head while hanging upside down (APM?)
1703	Otto	movers		aside for a moment to get some ants from the trunk, moves back to feed. (This way giving Lisa a chance to F there though she didn't take the opportunity)
1704	Otto	M away		Lisa tries 1 zip / sucking movement, scratches her back and feeds again.
1705	Lilly	Fryp		
1716	Lisa	md		Otto
1717	Otto	m to		above her (still < 2m) + scratches
1718	Otto	m;		> 2 (just above 2m) + stooped to F iv and looks at me
1720	Otto	Mc		> 2m (pasti)
1728	Lisa & Lilly			< 2m. <del>as Lilly m; &gt; 2</del> (both moving up)
1729	Lilly	md		Lisa (or 2m)
1512	Lisa	mb		all follow
1515	They	moved		lewat sarang lama: dense forest here
1557	Lisa	movers		bt away. Otto immediately turned around and 'pretends' to F smt for few seconds, then Mt terus + lembada lagi (making keliling)
1603	Lilly	looked		at something on ground, just before Lilly & Otto were looking at each other
1606	Lilly	bites		3 leafy branches, carries them in her mouth to atas
1610	Lilly	made		kempal duduk + is eating the carried leaves and takes more leaves
1616	Lilly	gets		more leaves + golek on kempal duduk / N kecil + moves leads on her like a selimut + feeds. 1617 she already more on less 1618 sits.



Obs: Ellen, Izumi

Copyright by: Zurich/SOCP

date: 20-8-07

obs: Ellen, Izumi

focal: Lisa Lilly &amp; Otto

## Approach/Leave - Mendekati/Menjauhi 10 - 50 m

Party for focal (&lt; 50 m)

Jam-start Jam-end Individuals

see next sheet

pair - pasang

jam

mendekati

jam

menjauhi

&lt; 2 m?

Lisa - Otto

0851

Lisa

0851<sup>(2)</sup>

Otto

2

Lisa - Otto

0904

Lisa

0925

Lisa

2

- Lilly - Lisa &amp; Otto

0905

Lilly

0911

Lilly

2

- Lilly - Lisa &amp; Otto

0915

Lilly

0921

Lilly

2

- Lilly - Lisa &amp; Otto

0931

Otto

0934

Lilly

2

Lisa - Otto

0932

Otto

0949

Lisa

0

" - "

0953

Lisa

2

" - "

0954<sup>(2)</sup>

Lisa

0949

Lisa

2

" - "

1007

Otto

1006

Lisa

2

- Lilly - Lisa &amp; Otto

1017

Lilly

1022

Lilly

2

Lisa - Otto

1026

Lisa

1038

Lisa

2

" "

1044

Lisa

1040

Lisa

2

" "

1048<sup>(2)</sup>

Otto

1054

Otto

2

- Lilly - Lisa

1051

Lilly

1052

Lisa

2

Lilly - Otto

1051

Lilly

1054

Otto

2

" "

1106

Lilly

?

?

?

- Lilly - Lisa

1107

Lisa

?

?

?

Lilly - Otto

1108

Lilly

1109

Otto

2

## Feeding rates- Kecepatan makan focal / ibu

Jam

Jenis

Lamanya (m;d)

Jumlah

- Lilly - Lisa &amp; Otto

?

?

1124

Lilly

2

Lisa - Otto

1202

Lisa?

1138

Lisa

0

- Otto - Lisa &amp; Lilly

1144

Otto

?

?

0

Lisa - Otto

1149

Otto

1153

Lisa

2

- Lilly - Lisa &amp; Otto

1202

Lilly

1225

Lilly

2

"

1250

Otto?

1227

Lisa?

0+2

"

1250

Otto

1256

Lilly

10

- Lilly - Lisa &amp; Otto

?

?

1258

Lisa &amp; Otto

2

Otto - Lisa &amp; Lilly

?

?

1303

Otto

2

Lisa - Otto?

1315

Lisa

?

?

2

- Lilly - Lisa &amp; Otto?

1316

Lilly

1321

Lilly

2

Lisa - Otto

?

?

1338

Otto

2

"

1400

Lisa

1401

Lisa

2

"

1401<sup>(2)</sup>

Otto

1404

Lisa

2

- Lilly - Lisa &amp; Otto

1412

Lilly

1415

Lilly

10

Lisa - Otto

1415

Otto

1415

Lisa

2

Otto - Lilly

1415

Otto

1419

Lilly

2

Lisa - Otto

?

?

1421

Lisa

2

- Lilly - Lisa &amp; Otto

1423

Lilly

?

?

2+0

"

1423

Otto

?

?

2

Lilly - Otto

1500

Lilly

1506

Otto + Lisa

2

## Long Calls dikeluarkan oleh Fokal

Jam	Lamanya menit; detik	Jumlah pulsa	Ke arah	Sebab?	Catatan

## Long Calls Didengar oleh Pengamat

Jam	Lamanya menit; detik	Jumlah pulsa	Dari arah	Jarak	Reaksi / Catatan



date: 20-8-07

obs: Ellen, Kumi

[illegible]

**Long Calls dikeluarkan oleh Fokal**

[illegible]

**Long Calls Didengar oleh Pengamat**

[illegible]

Date: 20-8-07

Observers: Ellen, Izumi

Nest Reference Number:

[illegible]



36

focal				party				Obs:			
jam	<2	2-10	10-50	jam	<2	2-10	10-50	jam	<2	2-10	10-50
4 45				9 30	I	OTO		14 15	OTO	I	
4 50				9 35			I	14 20			I
4 55				9 40			I	14 25	OTO	I	
5 00				9 45	IBU			14 30			
5 05				9 50	I			14 35			
5 10				9 55		IBU		14 40			
5 15				10 00	IBU		I	14 45			
5 20				10 05				14 50			
5 25				10 10			I	14 55			
5 30				10 15			I	15 00	OTO		
5 35				10 20	OTO			15 05	I		
5 40				10 25				15 10			I
5 45				10 30			I	15 15			
5 50				10 35				15 20			
5 55				10 40				15 25			
6 00				10 45				15 30			
6 05				10 50			I	15 35			
6 10				10 55				15 40			
6 15				11 00				15 45			
6 20				11 05				15 50			
6 25				11 10				15 55			
6 30				11 15			I	16 00			
6 35				11 20				16 05			
6 40				11 25			I	16 10			
6 45				11 30				16 15			
6 50				11 35	IBU		I	16 20			
6 55				11 40				16 25			
7 00				11 45	OTO		I	16 30			
7 05				11 50	IBU			16 35	OTO	I	
7 10				11 55				16 40			
7 15				12 00				16 45			I
7 20				12 05				16 50			
7 25				12 10	OTO	I		16 55			I
7 30				12 15			I	17 00			
7 35				12 20				17 05			
7 40				12 25			I	17 10			
7 45				12 30				17 15			
7 50				12 35				17 20			
7 55				12 40				17 25			
8 00				12 45				17 30			
8 05				12 50				17 35			
8 10				12 55				17 40			
8 15				13 00				17 45			
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8 35				13 20	OTO			18 05			
8 40				13 25				18 10	OTO		
8 45				13 30				18 15			
8 50				13 35				18 20			
8 55				13 40				18 25			
9 00				13 45				18 30			
9 05	OTO			13 50				18 35			
9 10				13 55				18 40			
9 15				14 00				18 45			
9 20				14 05				18 50			
9 25		OTO	I	14 10				18 55			
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focal				party				Ots:			
jam	<2	2-10	10-50	jam	<2	2-10	10-50	jam	<2	2-10	10-50
4 45				9 30	X			14 15			
4 50				9 35	I			14 20			
4 55				9 40			X	14 25			
5 00				9 45	IBU		I	14 30			
5 05				9 50	I	X	I	14 35			
5 10				9 55	I	IBU		14 40			
5 15				10 00	IBU			14 45			
5 20				10 05	I			14 50			
5 25				10 10	I			14 55			
5 30				10 15	I			15 00			
5 35				10 20				15 05			
5 40				10 25	X			15 10			
5 45				10 30	I			15 15			
5 50				10 35				15 20			
5 55				10 40				15 25			
6 00				10 45				15 30			
6 05				10 50				15 35			
10				10 55				15 40			
6 15				11 00				15 45			
6 20				11 05				15 50			
6 25	I			11 10				15 55			
6 30		I		11 15				16 00			
6 35		I		11 20				16 05			
6 40		I		11 25				16 10			
6 45		I		11 30				16 15			
6 50		I		11 35	IBU			16 20			
6 55	I			11 40	I			16 25			
7 00		X		11 45		IBU		16 30			
7 05	X			11 50	IBU			16 35			
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7 15				12 00				16 45			
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8 05	I			12 50	I			17 35			
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8 45		X		13 30				18 15			
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8 55		I		13 40				18 25			
9 00	X			13 45				18 30			
9 05	I			13 50				18 35			
9 10		X		13 55				18 40			
9 15		I		14 00				18 45			
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