

Date: 25-9-07

Obs: Ellen Sarol

Cuaca: berawan

focal: Islo

Jam	Kegia tan	Item	Jenis/ patch	Tinggi	Jam	Kegia tan	Item	Jenis/ patch	Tinggi	
5.48	454	observers arrive at			8.06	Fld(?)	mt+M	MLK	10+	
5.50		nest			8.08	R	sit	315°		jarak anak-ibu
5.52					8.10	I	I	300°		pohon sama/lain
5.54					8.12	mb	10m	320°		cuaca
5.56					8.14	R	sit	200°		6:00 mendung tapi sedikit gelap
5.58					8.16	I	I	20°		6:30 mendung - berawan
6.00					8.18	ME	3m	30°		7:00 berawan
6.02					8.20	F	ins	smt*		7:30
6.04					8.22	R	sit	330°	5F	8:00
6.06					8.24	mt	5m	295°		8:30
6.08					8.26	R	sit	350°		9:00 mulai cerah
6.10					8.28	R	sit	110°		9:30 berawan / mendung
6.12					8.30	I	I	110°		10:00
6.14					8.32	Fpr?	*ins	MLK?	10+	sosial
6.16					8.34	R	sit	MLK		jam siapa buat apa sama siapa
6.18					8.36	I	I	Sepang		6:45(4) Sampai sarang
6.20					8.38	I	I	300°		55(5) Betina ke 210m dari Islo N
6.22					8.40	mt	5m	70°		65(8+55) Bergerak dalam N Islo
6.24					8.42	R	sit	350°		+60(4) Betina masih di N juga (12m dari Islo)
6.26	Rs	keluar		5+	8.44	I	I			+61(4) dari Islo
6.28	mb	1m	30°	15+	8.46	I	I	hang/stand 125°		613 15 Betina keluar N 10+
6.30	R	sit	62°	15+	8.48	mt	5m	90°	0+	614 Kc Betina lagi + berak
6.32	I	I	1	1	8.50	R	sit	100°	5+	616 ♀ md 10m
6.34	R	sit	92°	20+	8.52	I	I			618 bergerak 9 m 210 m
6.36	I	I			8.54	R	sit	25°		619 We tried to get sample ♀ but no luck
6.38	Mc	2m	160°	1	8.56	I	I			623 He seems to sit up more straight (1/2 laying 1/2 dila)
6.40	I	I		15+	8.58	I	I	(9) 180°		625 stretches both arms - 2 sort of hanging while still laying in nest
6.42	R	sit	65°	1	9.00	I	I	(9) 185°		626 keluar sarang
6.44	mt	3m	75°	1	9.02	I	I	(10) 60°		627 berak
6.46	R	sit	92°	5+	9.04	I	I	142°		630 in Sepang tree
6.48	mt	10m	92°	1	9.06	I	I			630 on branch sepang Mc hari
6.50	R	sit	(9) 70°	1	9.08	I	I			630 totally
6.52	I	I	120°	10+	9.10	mb	3m	200°		630 Betina is still here and now moves
6.54	I	I	(9) 85°	15+	9.12	R	sit	150°		Islo is + was looking in her direction
6.56	Fpr?	I	MLK?	1	9.14	I	I	155°		but Now he is looking at me it seems
6.58	I	I		1	9.16	I	I			642 Again looks at ♀ as she moves
7.00	I	I		10+	9.18	I	I			643 Branch snaps while he moves but not entirely he doesn't fall down or anything
7.02	R	sit			9.20	I	I			646 still looking in direction ♀
7.04	mb	5m	150°		9.22	I	I			647 berak lagi
7.06	Fpr	Masak Ubar			9.24	N			10+	654 he is sitting in MLK tree while ♀ moves away he seems to follow her though from a distance
7.08	I	I			9.26	I	I			656 Islo starts F ♀ md + 15m but R over there for a minute
7.10	I	I			9.28	Rs				658 He doesn't seem to sit out anything however otherwise
7.12	I	I			9.30	I	I			7.00 With difficulty he moves out MLK tree he seemed to be caught by lianas and bends his leg around it to get himself loose again.
7.14	I	I			9.32	I	I			7.05 Fubar
7.16	I	I			9.34	I	I			6:56 No MLK fruits on the ground so I guess he was just resting after all looking in direction ♀ (135°)
7.18	I	I			9.36	I	I			7.10 He get some F and sits relaxed near the trunk to eat them. I hear sharp sounds.
7.20	R	sit	90°		9.38	I	I			7.19 mt branch breaks but he doesn't fall down.
7.22	mt	10m	130°		9.40	I	I			
7.24	I	5m	140°		9.42	I	I			
7.26	mb	5m	100°		9.44	I	I			
7.28	mt	3m	30°		9.46	I	I			
7.30	I	I			9.48	I	I			
7.32	mb	5m	50°		9.50	I	I			
7.34	R	sit	40°	15+	9.52	I	I			
7.36	I	I	80°	15+	9.54	I	I			
7.38	I	I			9.56	I	I			
7.40	I	I			9.58	I	I			
7.42	mb	10m	100°	1	10.00	I	I			
7.44	R	sit	85°	10+	10.02	I	I			
7.46	I	I	5°		10.04	I	I			
7.48	I	I	2°		10.06	I	I			
7.50	Fpr	Masak MLK			10.08	I	I			
7.52	I	M+M			10.10	I	I			
7.54	I	I			10.12	I	I			
7.56	I	I			10.14	I	I			
7.58	R/R	I		15+	10.16	I	I			
8.00	Mc	I		10+	10.18	I	I			
8.02	Fld/F	M+M			10.20	I	I			
8.04	I	I			10.22	I	I			

degrees behind R activity are the direction into which he looked.

Date: 25-9-07				Obs: Ellen, Sarol				cuaca: berawan					
Focal: Islo													
Jam	Kegiatan	Item	Jenis/patch	Tinggi	Jam	Kegiatan	Item	Jenis/patch	Tinggi	jarak ♂	♀	pohon sama/lain	cuaca
10.24	Rs			10+	12.42	R	sit	MLK (140)	15+				
10.26					12.44	Fr	M	MLK		10:30	<10	berawan	
10.28					12.46	mt	Sm	20°		11:00			
10.30					12.48	mb	Sm	55°		11:30			
10.32					12.50	I	3m	38°	10+	12:00			
10.34					12.52	R	hang	150° me (10)	5+	12:30			
10.36					12.54	F	ins	Smt		13:00			
10.38					12.56	I	I	I		13:30	<10		
10.40					12.58	Mr	↑			14:00			
10.42					13.00	mb	2m	300°		14:30	+50-		
10.44					13.02	F	ins	Smt					
10.46					13.04	I	I	I a tree		sosial			
10.48					13.06	R	hang	5°		jam	siapa	buat apa	sama siapa
10.50					13.08	F	ins	Smt tree		1027	I hear sounds of trees M		
10.52					13.10	R	hang	15°			from 225° 250m away		
10.54					13.12	mb	Sm	328°		* dari: 1028 + dia sudah galek			
10.56					13.14	F	yla?			lagi			
10.58					13.16	mb	4m	75°		1046	♂ moves both hands		
11.00					13.18	F	ins	ryp		1055	♀ bergerak dalam N		
11.02					13.20					1056	♀ ke dalam N		
11.04					13.22					1057	keluar N, waits for few		
11.06					13.24						seconds moves to tree ♂		
11.08					13.26						and there climbs down		
11.10					13.28						it doesn't respond		
11.12					13.30					1059	The ♂ doesn't look in her		
11.14					13.32						direction now (Facing 0°		
11.16					13.34						probably for quite a while		
11.18					13.36						already		
11.20					13.38					1120	galek ke arah 324° (♀)		
11.22					13.40	R	sit	45°		1132	keluar N		
11.24					13.42	F	ins	ryp		1135	3x lsg grumph ♀		
11.26					13.44						as I approach her and		
11.28					13.46						also Islo mid her		
11.30					13.48						* again 30x + lsg grumph		
11.32		keluar			13.50						all lsgs classic		
11.34	R	hang	lay down 295°	10+	13.52	mb	3m	15°		1139	chomp / FS sounds of		
11.36			both 305° (♀)		13.54	F	ins	Smt			the ♂		
11.38		sit	305°		13.56	I				1142	♂ herals		
11.40			265°		13.58					1144	♂ eats the big bright		
11.42			230° (♀)	5+	14.00	R	sit	30°			green liana leaf +		
11.44	F	yl	liana (1)		14.02	mb	15m	0°			also the 'branch' they		
11.46					14.04	Fr	Masuk	ubar	10+		grow on (the liana it self)		
11.48	R/F	sit/w	268° (♀)		14.06						I hear him chewing		
11.50					14.08	R	sit	0°		1150	2x lsg ♀		
11.52			30° x		14.10						Islo is chewing on leaf		
11.54	R	hang/stand	30°		14.12	mb	2m	270°	5+		I'm not sure whether there		
11.56	mt	10m	10°		14.14	R	hang	20°			are still leaves from before		
11.58	F/R	sit			14.16	mt	20m	350°	10+		but I do think so		
12.00	mt	10m	285°		14.18	R	sit	30°			* hold backbone (vertically) head		
12.02	Fr	Masuk	ubar		14.20	R	long call			1156	berak		
12.04					14.22	R	sit	240°		1200	mt branch bites		
12.06	mb	10.5m	5°	10+	14.24	R	↓		5+		already dry he wasn't		
12.08	F?	Pr (M)	MLK	1	14.26	R	hang	watch me			moving on it		
12.10	Fr	Masuk	MLK	15+	14.28	R	sit	342°	10+	1213	A chewed fruit like ampus		
12.12					14.30	R	hang	watch me			dropped down (accidentally		
12.14		mt+M			14.32	mt	25m	55°			fell out of mouth?		
12.16					14.34	Fr	Masuk	ubar		1214	he sneezes		
12.18					14.36						At 100° + Sam still sounds		
12.20					14.38						of trees moving. Thomas still?		
12.22					14.40					1218	Quite a lot of half ripe		
12.24					14.42						fruits fall down of which		
12.26					14.44	mt	Sm	15°	5+		only 5 seeds? is it eaten		
12.28					14.46	F	w	jumbo	0+	1231	monkey is approaching +		
12.30					14.48	R	hang	40°			20m away at 10°		
12.32					14.50	F	w	akamangit	1	1246	He carefully puts his		
12.34					14.52	mt	2m	0°	5+		foot on another branch		
12.36					14.54	mt	3m	310°			before picking a fruit		
12.38					14.56	Fr	Masuk				from the branch		
12.40					14.58	R	sit	78°			+ M out of tree later		

* bold spot back head + middle back, neck.

obs: Ellen, Carol

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Date: 25-9-07

Observers: Ellen, Sarol

Nest Reference Number:

PERILAKU BERSARANG					
Focal Name: Islo	N. Betina (Party)	Islo	♀ sore	♂	25-9-07 Pagi Besok
	Siang	Siang	Siang	Sore	
Baru, Dipakai lagi, Diberbaiki?	baru	baru	baru	baru	
Cuaca	berawan	berawan	berawan	berawan	
GPS Reference	g00 Ss betina	g00 Ss betina	Sm	Sm	
Party size at nest	1	1	1	1	
Jam Buat	0856	0923	1701	1714	
Jam Selesai	± 900	0926	1717	1726	
Jenis Pohon sarang	?	mlk hea?	MRT	1726	
Ketinggian pohon sarang	15	13	10	8	jambu?
Ketinggian sarang diukur dari dasar sarang	13	11	10	6	12
Posisi sarang	2	1	3	1	7
Membawa daun ke dalam sarang?	-	-	-	-	1
Jam mengambil daun	-	-	-	-	
Jenis daun yang dibawa	-	-	-	-	
Jarak asal daun ke sarang	-	-	-	-	
Nest Features (ada / tidak / tidak tau)					
Bantal	-	-	ya	ya	
Selimut	-	-	-	-	
Atap	-	-	-	-	
Alas	ya	ya	ya	ya	
Vocalisation?	-	-	11 m	11 p	
Menggigit ranting?	-	-	11	11	
Arah tidur (kepala ke kaki)	00°	186°	274°	240°	
Jam Golek	± 900	dulu g00	1706?	1726	
Pohon Pakan Terakhir					
Jarak ke pohon terakhir di makan	?	228°	170°	1717	
Arah ke pohon terakhir di makan		640m.	130°	→ iden	
Crop load pohon terakhir di makan		50-100-500	100-500		
Crop load pohon sarang					
Perilaku Sosial					
Main-main dalam sarang?	-	-	-	-	
Sarang khusus utk main main?	-	-	-	-	
Jarak sarang2 saat ada party	-	-	-	-	again Free (lus)
Besok 25-9-07					
Jam berangkat dari sarang	10:57	11:32 / 12:00 ubar			
Jarak ke pohon pertama di makan (pagi)	10m	20m / 50m			6:26 / 7:05
Arah ke pohon pertama di makan	305°	355° / NW			6:58 mlk Sm
Crop load pohon pertama di makan	100-500?	liana lus / 50-100			North (east)
Pembelajaran sosial ibu-anak					50-100?
Ibu-anak satu/lain sarang?	-	-	-	-	
Jarak sarang ibu dari anaknya	-	-	-	-	
Jam	Jarak anak dari ibu	Aktivitas Anak	Keterangan		
0856	As I didn't follow her as I was at quite a distance when she started making the nest. I took the details as far as I could but especially she has been before making the nest. I didn't know the exact time as it was when I checked out the				
0923	Seems to use liana leaves (leaves not branches with leaves) to build also				
*	As there are a q and I at Nq could have been for copulating as she followed				
g00?	in changed position? looking in direction of 350° now. (looking in direction				
**	See for more social notes during Nesting time				
	For later Nest(s) see comments in social notes				

Focal: Islo (party: ♀)				Tgl: 25-9-07				Obs: Ellen, Sarol			
Jam	party			Jam	party			Jam	party		
	<2	2-10	10-50		<2	2-10	10-50		<2	2-10	10-50
5.45				10.30		♀		15.15		♀	
5.50				10.35				15.20		I	
5.55				10.40				15.25			♀
6.00			♀	10.45				15.30			
6.05				10.50				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				16.00			
6.35	I			11.20			♀	16.05			
6.40			♀	11.25				16.10			
6.45				10.30				16.15			
6.50				10.35	♀			16.20			
6.55				10.40		♀		16.25			
7.00				10.45				16.30			
7.05				10.50				16.35			♀
7.10				10.55				16.40		♀	
7.15				12.00				16.45			
7.20				12.05				16.50			
7.25				12.10				16.55			
7.30				12.15				17.00			
7.35				12.20				17.05			
7.40		♀		12.25				17.10			
7.45				12.30				16.15			
7.50				12.35				16.20			
7.55				12.40				16.25			
8.00				12.45				16.30			
8.05				12.50				16.35			
8.10				12.55				16.40		Simpai	
8.15				13.00				16.45		N sore	
8.20			♀	13.05				16.50			
8.25				13.10				16.55			
8.30				13.15				18.00			
8.35				13.20				18.05			
8.40				13.25				18.10			
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				13.50				18.35			
9.10				13.55				18.40			
9.15				14.00				18.45			
9.20				14.05		not in party		18.50			
9.25				14.10				18.55			
9.30				14.15				19.00			
9.35				14.20				19.05			
9.40				14.25				19.10			
9.45				14.30				19.15			
9.50				14.35				19.20			
9.55				14.40				19.25			
10.00				14.45			♀	19.30			
10.05				14.50		♀		19.35			
10.10				14.55				19.40			
10.15				15.00				19.45			
10.20				15.05				19.50			
10.25				15.10	♀			19.55			

Tanggal: 25-9-07

Pengamat: Ellen Sarol

Nama Fokal:

Islo

jam

siapa

buat apa

sosial

sama siapa

7:20 On the ground I found biji ubar many with the red skin still around it but also a couple without.

7:24 berak + ke lagi according to Sarol.

7:27 He picks some ubar fruits, moves into other tree (phon mati next to it falls down) and feeds further on the ubar fruits there.

7:30 Again dead branch falls down while he moves.

7:31 ♀ 8 ♂ are constantly ± 15m from each other ♀ following Islo

7:41 ♀ md to approximately 5m and he immediately moves further away from (like he doesn't want anything to do with her)


7:45 again begitu.


7:54 He also eats unripe fruits but of these only the seeds, no/hardly any fruit flesh as opposed to F fruit flesh + seeds of ripe fruits

8:01 ♀ moves, ♂ subsequently moves into next Mlk tree and ♀ md lagi

8:02 again ♀ md (moves also out Mlk tree) ♂ moves 3m as well

8:04 I hear sounds of branch breaking (ix) from 185° ± 100m away

8:06  quite funny both look in direction of 20°

 sitting approximately in the same position. (Rddk, Indonesian st → banded knees)

8:08 ♂ moves ♀ turns around back towards him, now facing 70°

♂ moves 1 m further, ♀ moves as well mjd 10 m now

8:20 he licks a branch according to Sarol (horizontally moving long sweet branch) so probably F smt.

8:23 ke

8:32 I definitely heard him chewing but only old leaves and branches with holes in them fall down (though in Mlk tree) no Mlk fr. on the ground at all so I guess looking / F ryp?

8:36 Again small ranting falls down (just 1)

8:42 In spring tree

8:47 He hangs in between 3 trees on a liana in the sun (dry up a bit?)

8:48 ke

9:31 From 50° I hear sounds of tree falling a bit (something walking on ground? ± 65m away)


9:35 ♀ bergerak dalam N (+ 9:43 + 9:47)

9:45 I again hear sounds from 10° like something is approaching I see the trees moving as well ± 40m away

Tanggal: 25-9-07

Pengamat: Ellen, Sarol

Nama Fokal:

jam	Islo (party ♀) siapa	buat apa	sosial sama siapa
940	♂ goes with sudden movement in direction of his head, why?	♀ throws a leaf out of nest or at least leaf falls down	
950	I checked out the sounds but it appeared to be a thomasi monkey.		
955	♀ Moves in nest again. 1000 again.		
1010	earthquake, ♂ sticks out his head and looks down. He was laying like  but now turns his head facing down without changing the position of his body.		
1011	Now he has changed position of his body. I'm not sure whether he is sitting or laying on his belly. He is looking in direction of betina again (facing 140°).		
1208	He grabs a whole bunch of outer branches together, hangs on it with 2 hands (he dares) to get into other tree		
1253	Starts Fsmt 5st (moving some lianas loose from tree trunk and with hand picking the ants of the trunk while hanging on the lianas with his right hand. 1255 he changes hands. (F / hanging), but only while chewing. When he starts to pick ants again he eats again with his left hand while hanging on his right hand. Also F ants from liana leaf (1x) same position	1310 ♀ kentut. 1313 After After Ss ♀ was moving dula. Now ♂ is moving dula again since after MLK (moving out of MLK of dula). 1315 Can't see it very well because dense there but probably y! as I see lots on the tree (while tree trunk)	
1256	♀ md again	1320 Fryp via the Tuanan method: sit with bark in hand, biting pieces of bark off and slurping sap out of the wood	
1259	scratches	1340 He broken again bark / branch off + bites in it but also throws it down fast (not successful?) He moves 1 m further and starts F again (with bark). He is facing me me now (before F was in his backside) and ♀ is behind me) (He has a piece of bark now & - since 1340 - of ca 20 cm; Ø ± 7 cm) from which he feeds until 15:50	
1300	messing around on dry tree trunk with lianas to look for ants (successfully). Again eating with left hand hanging on right arm	He has been F on really long (can) chocolate coloured termites	
1304	Now he is F with his right hand hanging on his left arm		
1306	He scratches his neck while R for a minute, then he moves / leans back to his former position and starts Fants ^{again} with his left hand (changing on right arm)		

Tanggal: 25-9-07

Pengamat: Ellen, Sarol

Nama Fokal:

Islo (party with ♀)

jam siapa

buat apa

sosial

sama siapa

1353 He is ripping apart an old N to F ants. Ripping in it with his right hand and subsequently licking the ants of for several seconds 'concentrately' watching his hand.

1357 I sit down while breaking some branches he doesn't look too busy to search for ants by ripping apart the nest.

1411 Under the ubar I only see built + seeds without red & skin

1413 F lv Mercuti?

1415 he scratches his left front flank

1419 he scratches his left side with left hand

1425? (un)successful snagcrash

high pitched

340° direction 1st look into

240° " after tree fell

45p low-pitched.

51p bubbles

2140: 55 pulses total

The snagcrash eventually is successful but drags him along (or the tree he is in so him as well (hear grumpings from ♀)

1430 he scratches his right side

1439 Turned out that at the time of the longcall there was a bear near ♀

1438 sneeze or

1439 ♀ approaches while Voc (grump)

1440 he scratches his right shoulder

1445 F lv jamba

1448 F lv alar menget

1449 he tries to pull the liana loose but without success.

1457 he scratches his left side lsg after grumph of ♀

1500 he moves by holding onto small dead tree (taken risks)

1503 grumph ♀

1514 ♀ kentut.

1516 1 strike/scratch head

he tries again to push over a dead tree (I did not move for last couple of minutes) He doesn't

succeed but turns around and looks at me.

1526 lsg ♀ while M probably towards observer.

153033 longcall 40° (looking & moving)

46 pulses (3 bubbles in 4)

1544 thunder in background

1554 grumph ♀

1605 He changes position a bit

1610 43 sec s/f. } Feeding Rate
11g + 6 f. }

1615 ♂ is facing ♀ while F but over 2m and not like peering.

162250 ♂ gets 13 fr into other tree R, M to sit down Santa R+chews again (slurp sounds)

162831 he moves again, but still afterwards spits seeds out.

1629 he puts his 2 hands on different branch and lets his feet drop down (swinging)

1630 he scratches his left arm pit. then moves again

(bubble?) don't hear any fr/sd falling afterwards so back then & at 1631 ± starts F again