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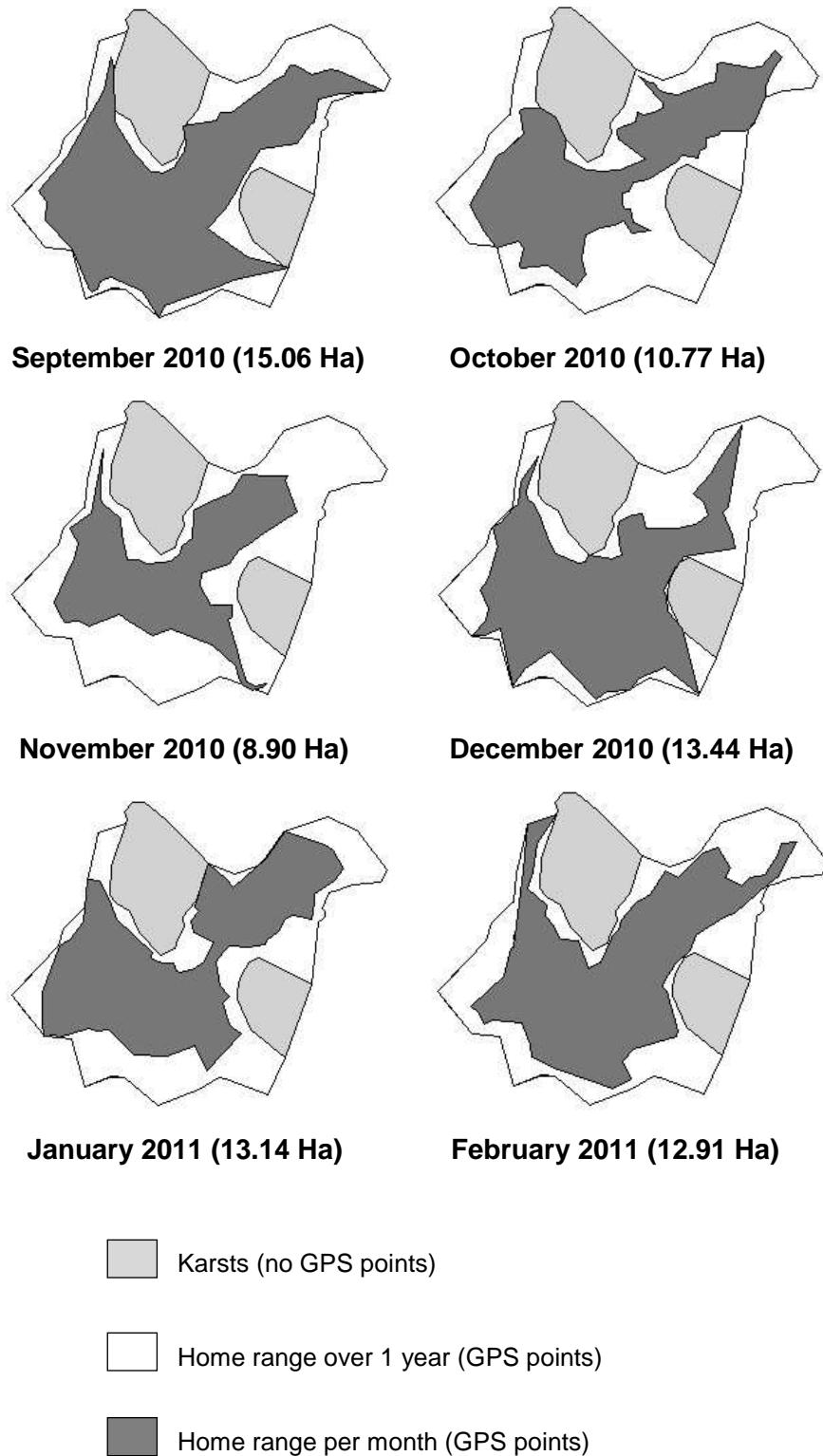
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Appendix 1. Monthly home range

Appendix 2. Plant and fungi species consumed by the group (2010-2011)

No.	Local name	Family	Botanical name
1	Accang	Anacardiaceae	<i>Spondias malayana A.G.J.H. Kosterm.</i>
2	Bakan	Lauraceae	<i>Litsea mappacea Boerl.</i>
3	Banga	Pandanaceae	<i>Pandanus sp.</i>
4	Ba'ru	Arecaceae	<i>Caryota mitis Lour.</i>
5	Bingkuru	Rubiaceae	<i>Morinda citrifolia Linn.</i>
6	Bole-bole	Clusiaceae	<i>Garcinia tetrandra Pierre</i>
7	Buebueanja	Fabaceae	<i>Calopogonium mucunoides Desv.</i>
8	Bukkang-bukkang	Urticaceae	<i>Villebrunea rubescens Blume</i>
9	Bu'ne	Euphorbiaceae	<i>Bridelia insulana Hance</i>
10	Bunya	Boraginaceae	<i>Cordia dichotoma Forst. f.</i>
11	Bu'rung	Maranthaceae	<i>Donax cannaeformis Rolfe</i>
12	Cambulubulu	Convolvulaceae	<i>Merremia vitifolia Hallier.f</i>
13	Cendrana	Fabaceae	<i>Pterocarpus indicus Willd.</i>
14	Duajeng	Moraceae	<i>Ficus glomerata Roxb.</i>
15	Empallasa Kaci	Moraceae	<i>Ficus sp.</i>
16	Ga'mi	Sterculiaceae	<i>Pterocymbium tinctorium Merril</i>
17	Ganjeng	Dioscoreaceae	<i>Dioscorea laurifolia Wall.</i>
18	Ganjeng-ganjeng	Rhamnaceae	<i>Ziziphus angustifolius (Miq.) Hatusima</i>
19	Inru/Areng	Arecaceae	<i>Arenga pinnata (Wurmb.) Merr.</i>
20	Jambu Biji	Myrtaceae	<i>Psidium guajava Linn.</i>
21	Kajuara "Batan Putih"	Moraceae	<i>Ficus obliqua Forst.f.</i>
22	Kajuara "Batu"	Moraceae	<i>Ficus tinctoria Forst. f.1</i>
23	Kajuara "Besar"	Moraceae	<i>Ficus virens Ait. var. glabella</i>
24	Kajuara "Jahi-jahi"	Moraceae	<i>Ficus chrysolepis Miq</i>
25	Kajuara "Gua"	Moraceae	<i>Ficus sp.</i>
26	Kajuara "Heli"	Moraceae	<i>Ficus sp.</i>
27	Kajuara "Kecil"	Moraceae	<i>Ficus tinctoria Forst. f.2</i>
28	Kajuara "Menyebrang"	Moraceae	<i>Ficus virens Ait.</i>
29	Kajuara "Rangkong"	Moraceae	<i>Ficus drupacea Thunb.</i>
30	Kajuara "Tangga"	Moraceae	<i>Ficus tinctoria Forst. f.3</i>

Appendix 2 Continued

No.	Local name	Family	Botanical name
31	Kajuara "Umpang"	Moraceae	<i>Ficus tinctoria</i> Forst. f.4
32	Kaleleng Susuan	Thymelaeaceae	<i>Phaleria capitata</i> Jack
33	Kalukenrang	Moraceae	<i>Ficus variegata</i> Blume
34	Kapa-kapasa	Fabaceae	<i>Mucuna reticulata</i> Burck
35	Katabo	Commbretaceae	<i>Terminalia supitiana</i> Koord.
36	Katimbang	Zingiberaceae	<i>Etlingera polycarpa</i> (K. Schum.) A.D. Poulsen
37	Keru-keru	Moraceae	<i>Ficus sp.</i>
38	Kirasa	Clusiaceae	<i>Garcinia dulcis</i> Kurz.
39	Lalatan (Tidak tahu 3)	Urticaceae	<i>Dendrocnide microstigma</i> (Gaud.ex Wedd) Chew.
40	Lambere	Moraceae	<i>Ficus miquelli</i> King
41	Lassa-lassa	Meliaceae	<i>Aphanamixis polystachya</i> (Wall.) R.N. Parker
42	Lento-lento	Araliaceae	<i>Arthrophyllum diversifolium</i> Blume
43	Limpujeng	Zingiberaceae	<i>Zingiber cf. odoroferum</i> Blume
44	Lobe-lobe	Flcourtiaeae	<i>Flacourtie inermis</i> Miq.ex Hook.f.& Thoms
45	Lumbatang	Poaceae	<i>Oplismenus compositus</i> Beauv.
46	Mali-mali	Leeaceae	<i>Leea aequata</i> L.
47	Mana-mana	Moraceae	<i>Ficus fistulosa</i> Reinw.
48	Mara-mara sikapa	Rutaceae	<i>Melicope confusa</i> (Merr.) Liu
49	Marihallasa	Moraceae	<i>Ficus congesta</i> Roxb.
50	Mballung	Acanthaceae	<i>Strobilanthes imbricatus</i> Nees
51	Nato	Sapotaceae	<i>Palaquium obovatum</i> Engl.
52	Pacci-pacci dare	Icacinaceae	<i>Phytocrene hirsuta</i> Blume
53	Pa'da	Moraceae	<i>Ficus obscura</i> Blume
54	Pala-pala	Myristicaceae	<i>Knema cinerea</i> (Poir.) Warb.
55	Paliasa	Sterculiaceae	<i>Kleinhowia hospita</i> L.
56	Pangi	Silacaceae	<i>Pangium edule</i> Reinwardt.
57	Pu'cak	Lauraceae	<i>Beilsnia gemmiflora</i> (Blume) Kosterm.
58	Ranging	Dilleniaceae	<i>Dillenia obovata</i> (Blume) Hoogl.
59	Rao	Anacardiaceae	<i>Dracontomelon dao</i> Merrill & Rolfe
60	Rotan	Arecaceae	<i>Calamus cf. koordersianus</i> Becc.
61	Tambung-tambung	Moraceae	<i>Ficus gul</i> K.Schum. & Lauterb.
62	Tataimanu	Verbenaceae	<i>Lantana camara</i> Linnaeus

Appendix 2. Continued

No.	Local name	Family	Botanical name
63	Tidak tahu 1	?	?
64	Tidak tahu 2	Myrsinaceae	<i>Ardisia lanceolata Roxb.</i>
65	Tidak Tahu 4	Annonaceae	<i>Xylopia peekelii Diels.</i>
66	Tidak tahu 5	Tiliaceae	<i>Grewia multiflora Juss.</i>
67	Tidak Tahu 6	Vitaceae	<i>Tetrasigma pisicarpum (Miq.) Planch.</i>
68	Tidak tahu 7	Aristolochiaceae	<i>Aristolochia tagala Cham.</i>
69	Tidak tahu 8	Actinidiaceae	<i>Saurauia tristyla DC.</i>
70	Tire Halus	Araceae	<i>Amorphophalus oncophyllus Prain. ex Hook.f.</i>
71	Tire Kasar	Araceae	<i>Amorphophalus campanulatus Blume</i>
72	Tokka	Moraceae	<i>Artocarpus elasticus Reinw. ex Blume</i>
73	Pipisi		<i>Fungus</i>
74	Kalumemere		<i>Fungus</i>

Note: in **BOLD** are species (N=14) that have never been eaten during the scan sampling (“10 minutes period” every 30 minutes interval) but were seen eaten by any member of the group at least once during the entire study period (April 2010–February 2011)

Appendix 3. Food items of moor macaques in Karaenta Natural Reserve
(Matsumura 1991)

Local name	Family	Botanical name
Mbarrung	Acanthaceae	<i>Strobilanthes cf. imbricata</i>
Rao	Anacardiaceae	<i>Dracontomelon mangiferum</i>
Binkuru	Apocynaceae	<i>Tabernaemontana sphaerocarpa</i>
Tire	Araceae	<i>Amorphophallus</i>
Kirasa	Clusiaceae	<i>Garcinia celebica</i>
Cambulubulu	Convolvulaceae	<i>Merremia vitifolia</i>
??4	Ebenaceae	<i>Diospyros sp.</i>
Pangi	Flacourtiaceae	<i>Pangium edule</i>
Pacci-pacci dare	Icacinaceae	<i>Phytocrene macrophylla</i>
Kande-kande alo	Lauraceae	<i>Litsea ampala?</i>
Bakan	Lauraceae	<i>Litsea firma</i>
Langoting silayara	Lythraceae	<i>Langerstromia speciosa</i>
Bunga-bunga	Melastomataceae	<i>Memecylon grassiform</i>
Arese	Meliaceae	<i>Diysoxylum sp.</i>
Langiri	Mimosaceae	<i>Albizia saponaria</i>
Tokka	Moraceae	<i>Artocarpus elasticus</i>
Nanka-nanka	Moraceae	<i>Artocarpus glaucus</i>
Capuko	Moraceae	<i>Artocarpus sp.</i>
Duajeng	Moraceae	<i>Ficus adenophilla</i>
Kalukenrang	Moraceae	<i>Ficus adenophilla</i>
Emparasa karambu	Moraceae	<i>Ficus ampelas</i>
Kajuara	Moraceae	<i>Ficus annulata</i>
Kajuara bunga manu	Moraceae	<i>Ficus drupacea</i>
Kajuara jahi-jahi	Moraceae	<i>Ficus sinuata/tinctoria</i>
Lambere	Moraceae	<i>Ficus hispida</i>
Pa'da	Moraceae	<i>Ficus obscura</i>
Mana-mana	Moraceae	<i>Ficus schwarzii</i>
??-3	Moraceae	<i>Ficus subulata</i>
Marihallasa	Moraceae	<i>Ficus variegata</i>
Emparasa kaci	Moraceae	<i>Ficus sp.?</i>
Pala-pala	Myristicaceae	<i>Knema cinera</i>
??-1	Myrsinaceae	<i>Maesa perlarius</i>
Kaleleng susuan	Myrtaceae	<i>Eugenia sp.</i>

Appendix 3. Continued

Local name	Family	Botanical name
Raukan	Palmae	
Inru	Palmae	<i>Arenga pinnata</i>
Bingtahan	Rubiaceae	<i>Morinda brancteata</i>
Lassa-lassa	Sapindaceae	<i>Harpullia sp.</i>
Nato	Sapotaceae	<i>Palaquium sp.?</i>
Lalatan	Urticaceae	<i>Laportea sp.</i>
Tataimanu	Verbenaceae	<i>Lantana camera</i>
Tobo-tobo		
Banga		
Bunya		
Attebulu		
Bukkang-bukkang		
Accang		
Alan-alan		
Katakatala		
Buebueanja		
Kapakapasa		
Upang		
Lumbatang		
Keru-keru		
Poddo-poddo		
Mampu		
Kahukahuromang		
Mali-mali		
Mahai?	Annonaceae	<i>Polyalthia celebica?</i>
??-2		
Pipisi		<i>Fungus</i>
Kalumemere		<i>Fungus</i>
TOTAL		61
Several kind of insects		
Lizard		

Note: in yellow species in common in both plant list (present study 2010-2011 and Matsumura 1991)

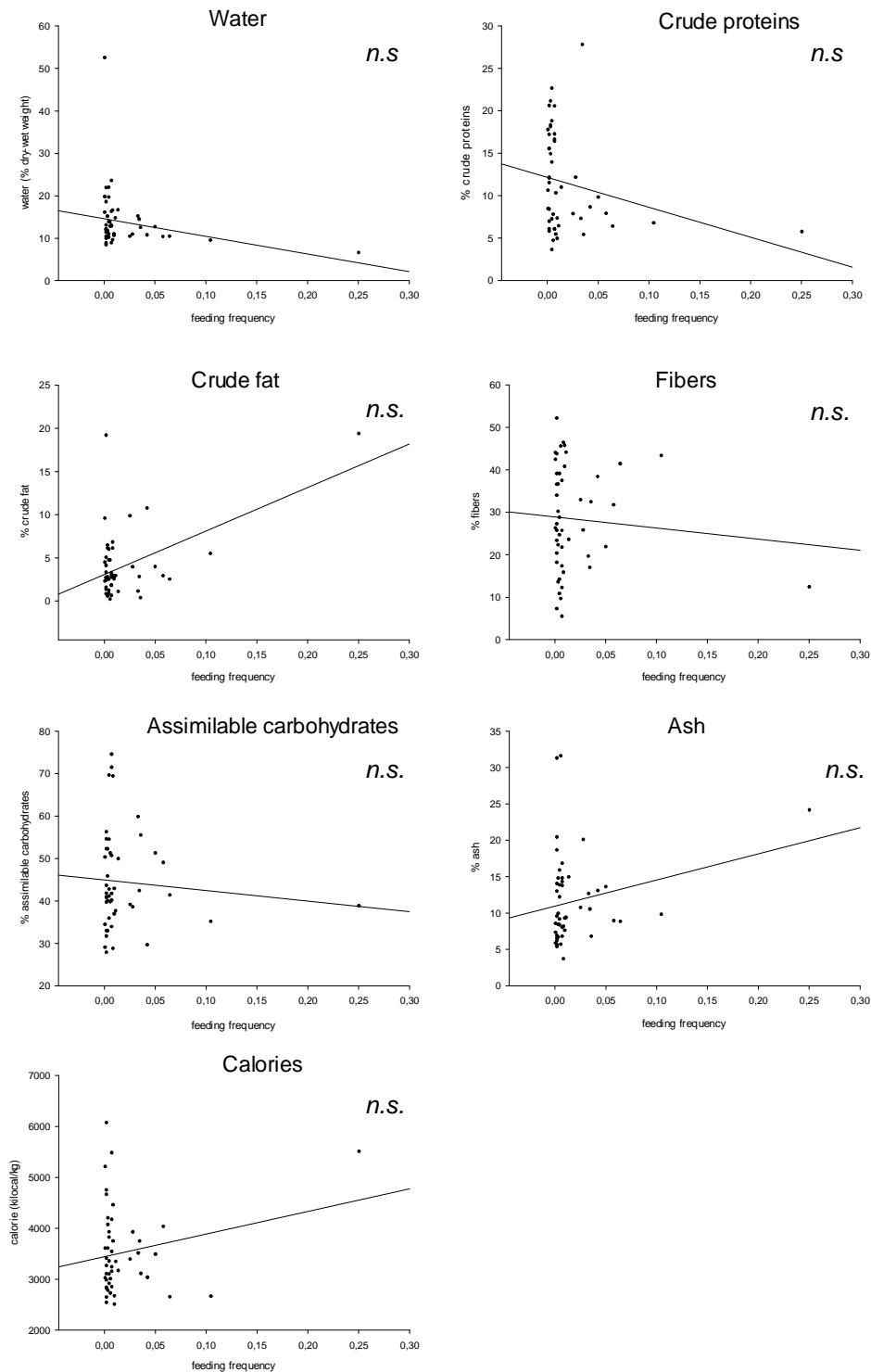
Appendix 4. Plant species eaten by moor macaques in Karaenta forest reported by Achmad (2011) not yet reported by Matsumura (1991)

Local name	Botanical name
Puca	<i>Barringtonia asiatica</i>
Dama'-dama'	<i>Canarium sp.</i>
Jambu hutan	<i>Eugenia sp. 1</i>
Jambu hutan	<i>Eugenia sp.2</i>
	<i>Garcinia sp.1</i>
	<i>Garcinia sp.2</i>
	<i>Castanopsis</i>
Kayu manis	<i>Cinnamomum celebicum</i>
Kopi ale	
Langsat hutan	<i>Lansium sp.</i>
Lobe-lobe	<i>Flacortia rucam</i>
	<i>Buchanania arborescens</i>
Mara siapa	<i>Vitex sp.</i>
	<i>Myristica sp.1</i>
	<i>Myristica sp.2</i>

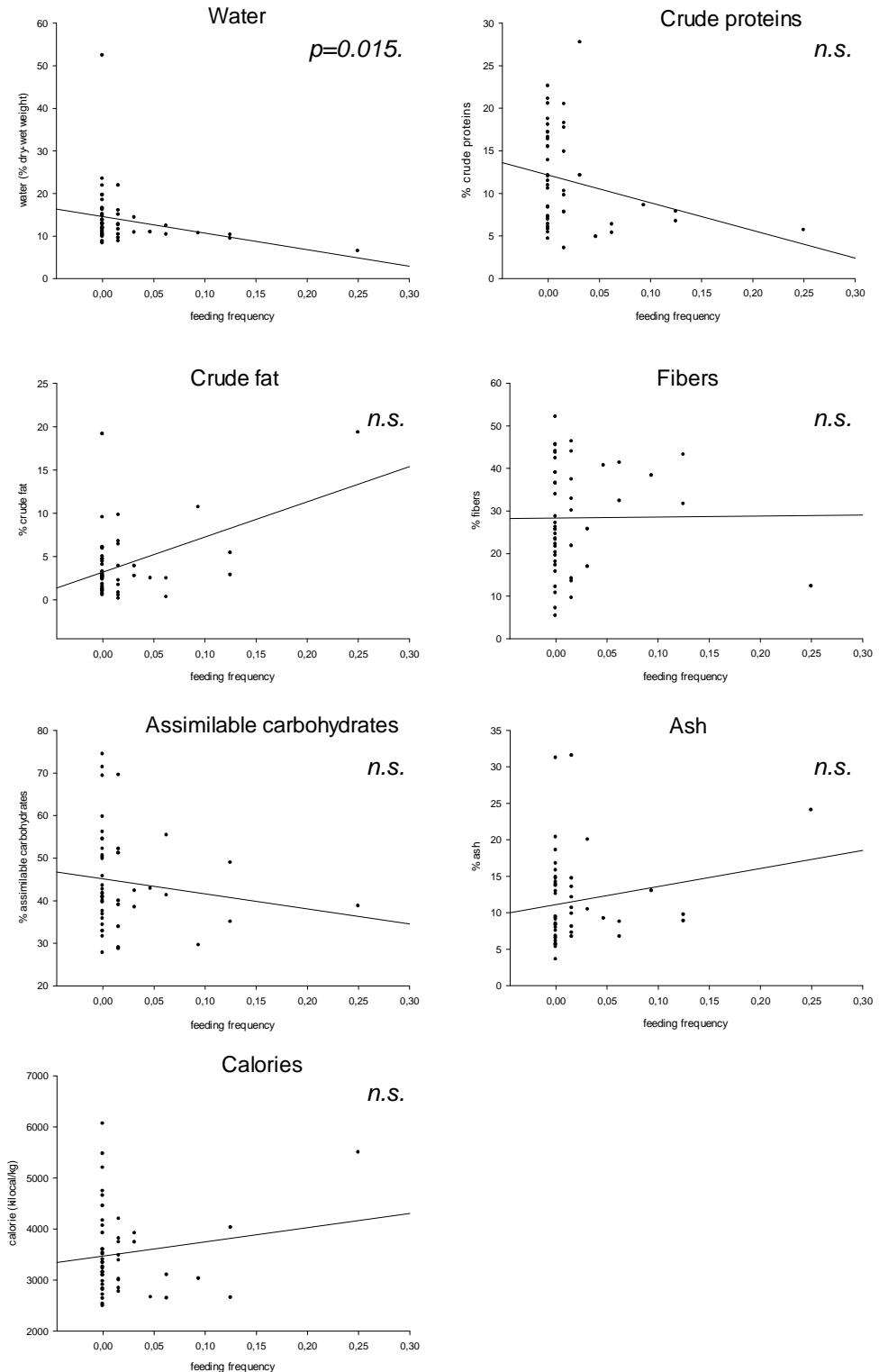
Appendix 5. Other plant species eaten by moor macaques reported by Achmad (2011)

Local name	Botanical name
Lento-lento	<i>Arthrophyllum sp.</i>
Kemiri	<i>Alleurites moluccana</i>
	<i>Ficus sp.1</i>
	<i>Ficus sp.2</i>
	<i>Ficus sp.3</i>
	<i>Morinda citrifolia</i>
	<i>Leea indica</i>
	<i>Aqualaria sp.</i>
	<i>Albizzia sp.</i>
	<i>Knema sp.</i>

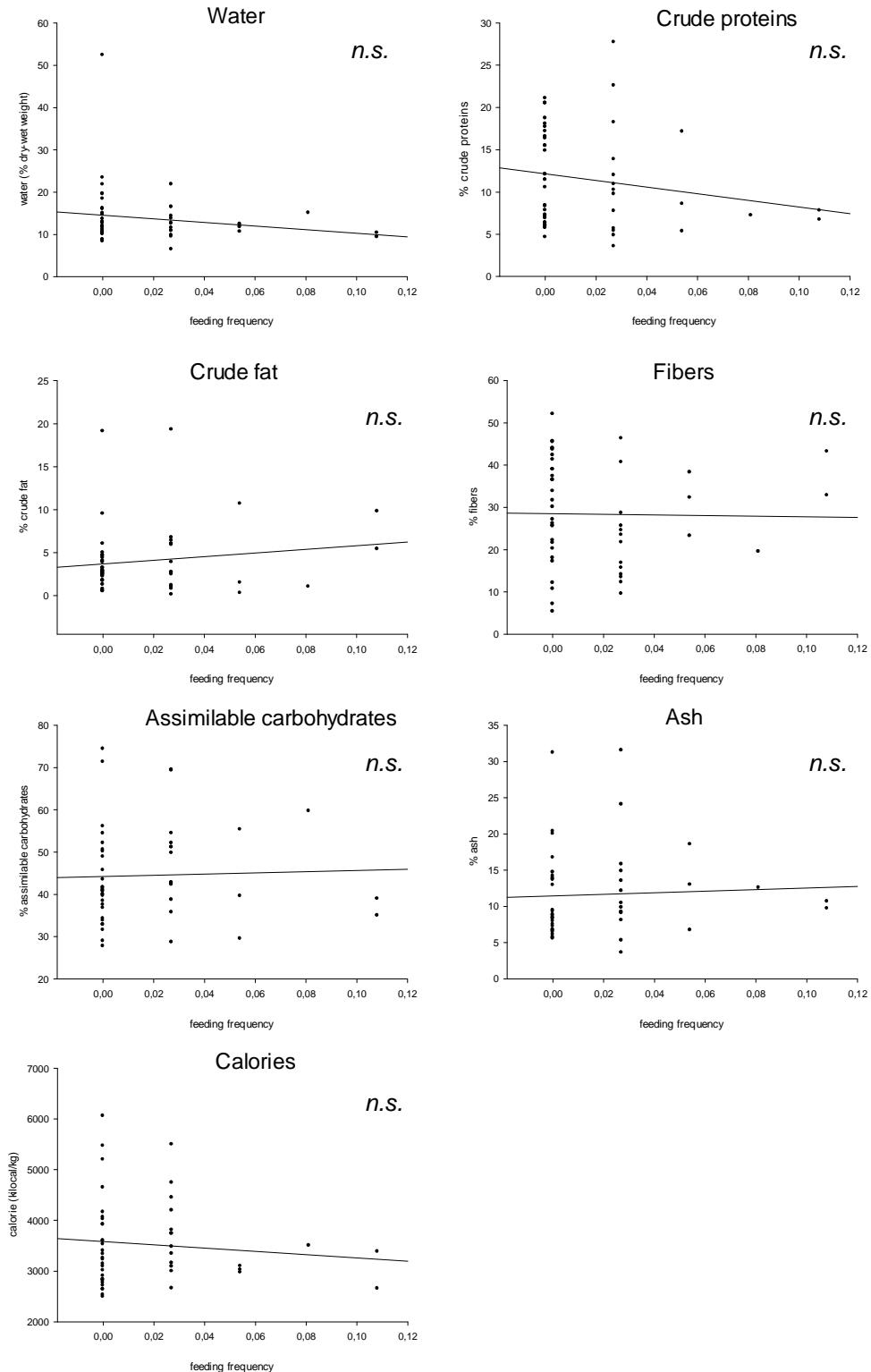
Appendix 6. Non parametric Kendall's tau_b Correlation between nutrient contents in parts of plant eaten and feeding frequency (total number of scan per plant part/total feeding scan) in the Neutral state



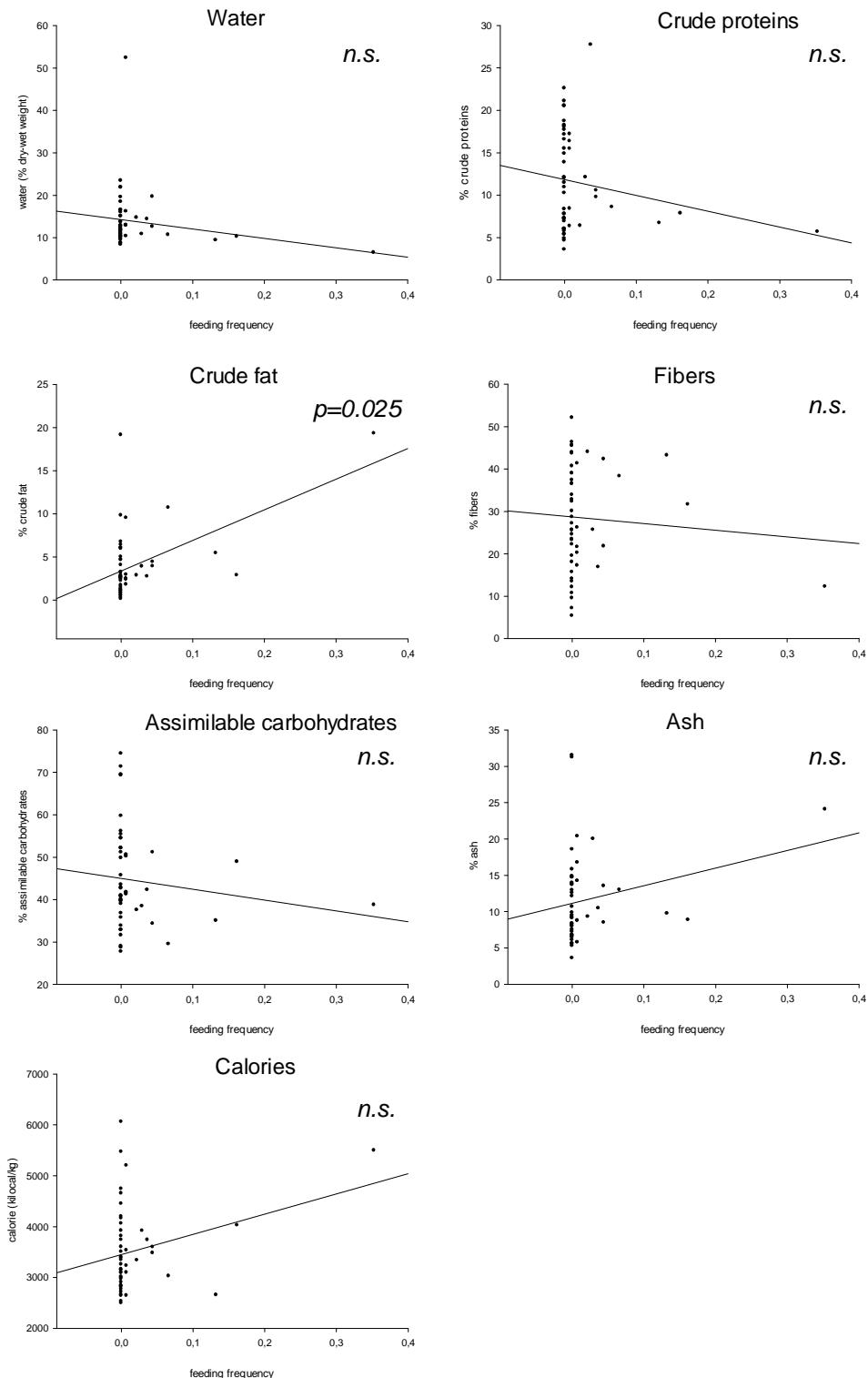
Appendix 7. Non parametric Kendall's tau_b Correlation between nutrient contents in parts of plant eaten and feeding frequency (total number of scan per plant part/total feeding scan) in the Periovulatory state



Appendix 8. Non parametric Kendall's tau_b Correlation between nutrient contents in parts of plant eaten and feeding frequency (total number of scan per plant part/total feeding scan) in the Pregnant state



Appendix 9. Non parametric Kendall's tau_b Correlation between nutrient contents in parts of plant eaten and feeding frequency (total number of scan per plant part/total feeding scan) in the Lactating state



Appendix 10. Group B sex-age class composition from 1981 to 2013

Year-month	Adult Male	Adult female	Subadult male	Subadult female	Subadult (sex not specified)	Juvenile	Infant	Total	References
1981	1	7	?	?	3	5	4	20	Watanabe and Brotoisworo, 1982
1988	?	?	?	?	?	?	?	20	Okamoto and Matsumura, 2001
1990-1991	1	7	2	2	4	10	?	22	Matsumura, 1991
1992	?	?	?	?	?	?	?	28	Okamoto and Matsumura, 2001
1993 *	3	11	?	?	?	8	5	27	Matsumura and Okamoto, 1997
1994	?	?	?	?	?	?	?	27	Okamoto and Matsumura, 2001
1996 *	4	11	?	?	?	10	10	35	Matsumura and Okamoto, 1997
1998	?	?	?	?	?	?	?	43	Okamoto and Matsumura, 2001
1999 *	8	14	?	?	?	16	5	43	Okamoto and Matsumura, 2001
2000 Group B1 **	9	8	?	?	?	10	0	27	Okamoto and Matsumura, 2001
2000 Group B2 **	4	7	?	?	?	5	0	16	Okamoto and Matsumura, 2001
2009	3	9	?	?	?	?	?	27	Carosi and Riley unpublished data
2010-april §	3	11	2	2	4	8	6	32	Present study
2010-may	4	11	2	2	4	8	6	33	Present study
2010-july	4	11	2	2	4	8	8	35	Present study
2010-sept	4	11	2	2	4	10	7	36	Present study
2010-nov	4	10	2	2	4	10	6	34	Present study
2011-june	3	10	1	2	3	16	1	33	Present study
2011-dec	2	7	1	2	3	16	1	29	Present study
2012-july	2	8	1	0	1	17	4	32	Present study
2012-sept	2	8	1	0	1	18	3	32	Present study
2012-dec	2	8	1	0	1	18	4	33	Present study
2013-mar	2	8	1	0	1	22	2	35	Present study
2013-may	2	8	1	0	1	22	3	36	Present study
2013-july	2	7	1	0	1	22	3	35	Present study

Notes: * age classes: <1.5 years old=infant; 1.5-5 years old=juvenile; >5 years old=adult

** Group fission

§ from 2010 to 2013 age classes: ≤ 1 year old=infant; >1 ≤ 4 years old=juvenile; females >4 ≤ 7 years old=subadult; males >4 ≤ 9 years old=subadult; females > 7 years old (until first swelling)=adult, males > 9 years old=adult