

DAFTAR PUSTAKA

- Airaodion, A. I., Ogbuagu, U., Ogbuagu, E. O., Paul, A., & Agunbiade, A. P. (2019). Mechanisms for Controlling the Synthesis of Lipids – Review. *International Journal of Research*, 6(2), 123–135. <https://journals.pen2print.org/index.php/ijr/article/view/16998>
- Bastian, M. L., Zweifel, N., Vogel, E. R., Wich, S. A., & van Schaik, C. P. (2010). Diet traditions in wild orangutans. *American Journal of Physical Anthropology*, 143(2), 175–178. <https://doi.org/https://doi.org/10.1002/ajpa.21304>
- BSN. (1992). Cara Uji Makanan dan Minuman. Badan Standarisasi Nasional. In *Sni 01-2891-1992* (p. 36).
- Crampton, E. W. dan L. E. H. (1969). Applied Animal Nutrition 1st E. d. *The Engsminger Publishing Company, California, U. S. A.*
- Fikawati, S., & Syariq, A. (2017). *Gizi Anak dan Remaja* (Vol. 1). Rajawali Pers, Jakarta.
- Fox, ElizaBeth. A. van Schaik, Carel. P. Sitompul, A. Wright, Donielle, N. (2004). Intra and interpopulational differences in orangutan (*Pongo pygmaeus*) activity and diet: Implications for the invention of tool use. *American Journal of Physical Anthropology*. *American Journal of Biological Anthropology*.
- Graf, S. (2021). *Modelling socio-spatial movement behaviour of orangutans (Pongo abelii) in Suaq (Sumatra Utara)*. Master's Thesis. University of Zurich.
- Hasan, S. (2024). *Strategi Makan dan Asupan Energi Orangutan Kalimantan (Pongo pygmaeus wurmbii) Remaja Di Stasiun Penelitian Orangutan Tuanan, Kalimantan Tengah* (p. 106). Tesis. Universitas Nasional.
- Hayoto, M. F. (2019). *Perilaku Makan dan Kandungan Nutrien Serangga Pakan Orangutan Kalimantan (Pongo pygmaeus wurmbii) Di Stasiun Penelitian Orangutan Tuanan, Kalimantan Tengah*. Tesis. Universitas Nasional.
- Kuze, N., Malim, T. P., & Kohshima, S. (2005). Developmental changes in the facial morphology of the Borneo orangutan (*Pongo pygmaeus*): Possible signals in visual communication. *American Journal of Primatology*, 65(4), 353–376. <https://doi.org/10.1002/ajp.20121>
- Mahyana. (2022). *Aktivitas Harian Dan Ketersediaan Pakan Orangutan Sumatera (Pongo abelii) Di Stasiun Penelitian Soraya, Aceh*. Tesis. Institut Pertanian Bogor.

- Mahyana, Widayati, K. A., & Rianti, P. (2023). Activity Budget and Diet in Sumatran Orangutan (*Pongo abelii*) at Soraya Research Station, Aceh. *HAYATI Journal of Biosciences*, 30(4), 653–661. <https://doi.org/10.4308/hjb.30.4.653-661>.
- Marshall, J. ., Ancrenaz, M., Francis, B., & Fredriksson, M. . (2013). The effects of forest phenology and floristics on populations of Bornean and Sumatran orangutans: are Sumatran forests more productive than Bornean forests? *Etica e Politica*, 15(1), 583–605. <https://doi.org/10.1093/acprof>
- Onrizal, O., & Auliah, N. L. (2019). The nutritional content of some fruits as feeding sources of Sumatran orangutans. *IOP Conference Series: Earth and Environmental Science*, 374(1). <https://doi.org/10.1088/1755-1315/374/1/012023>
- Partasasmita, & Dwitri. (2016). *Studi kebutuhan Pakan Lutung Jawa (Trachypithecus auratus E. Geoffroy Saint-Hilaire, 1812) Betina pada fase Akhir Rehabilitasi di Pusat Rehabilitasi Primata Jawa, Bandung*. Fakultas Matematika dan Ilmu Pengetahuan Alam. Prosiding seminar nasional.
- Potter, & Perry. (2010). *Fundamental Of Nursing: Concep, Proses and Practice*. Edisi 7. Vol. 3. Book.
- Prasetyo, D. (2019). *Understanding Bimaturism: The Influence Of Social Conditions, Energy Intake, and Endocrinological Status on Flange Development In Bornean Orangutans (Pongo pygmaeus wurmbii)*. Doctoral Dissertation. Rutgers University.
- Prayogo, H., Tholib, T., & Siahaan, S. (2024). *Fenologi Pohon Pakan Orangutan (Pongo pygmaeus) Pada Area Pelepasliaran Sub DAS Mendalam Kawasan Taman Nasional Betung Kerihun Kabupaten Kapuas Hulu*. *Jurnal Hutan Lestari*, 12(1), 78. <https://doi.org/10.26418/jhl.v12i1.51426>
- Rahmaeti. (2022). *Perilaku Makan dan Asupan Energi Orangutan Sumatera (Pongo abelii) Jantan Dewasa di Stasiun Penelitian Suag Balimbing, Taman Nasional Gunung Leuser, Aceh Selatan*. Tesis. Universitas Nasional.
- Roos, C., Boonratana, R., Supriatna, J., Fellowes, J., Groves, C., Nash, S., Rylands, A., & Mittermeier, R. (2014). *An updated taxonomy and conservation status review of Asian primates*. IUCN-SSC Primate Specialist Group. The Journal's web site is located at http://www.primate-sg.org/asian_primates_journal/.
- Santosa, Y., & Rahman, D. A. (2012). Precision of nest method in estimating orangutan population and determination of important ecological factors for management of conservation forest. *Jurnal Manajemen Hutan Tropika*, 18(1), 39–51. <https://doi.org/10.7226/jtfm.18.1.39>

- Satria, D. A. S. J. (2024). Analisis Kadar Air, Kadar Abu, Protein, Lemak, Karbohidrat, Dan Zat Besi Pada Buak Tat Dengan Fortifikasi Tepung Daun Kelor. *Skripsi*, i–81.
- Schaik, V., & Noordwijk, V. (2002). Standardized field methods. *Orangutan Culture Workshop, February*, 1–13. https://www.aim.uzh.ch/dam/jcr:00000000-31fd-16f1-ffff-ffff64ca75e/method_standardisation_fina_II.pdf
- Schuppli, C. (2012). *Skill Learning in Immature Suamtran Orangutans (Pongo abelii) When and how do immature orangutans reach adult levels of skill competence?*. Master Thesis. University of Zurich Anthropological Institute and Museum.
- Schuppli, C., Forss, S. I. F., Meulman, E. J. M., Zweifel, N., Lee, K. C., Rukmana, E., Vogel, E. R., van Noordwijk, M. A., & van Schaik, C. P. (2016). *Development of foraging skills in two orangutan populations: Needing to learn or needing to grow?*. *Frontiers in Zoology*, 13(1), 3–5. <https://doi.org/10.1186/s12983-016-0178-5>
- Setianingrum, H. . (2020). *Variasi Kandungan Nutrien Pakan Dan Asupan Energi Orangutan Kalimantan (Pongo pygmaeus wurmbii) Di Stasiun Penelitian Orangutan Tuanan* (Vol. 3, Issue 1). Tesis. Universitas Nasional.
- Singleton, Knott, C. D., Morrogh-Bernard, H. C., Wich, S. A., & van Schaik, C. P. (2009). *Ranging behavior of orangutan females and social organization*. <https://doi.org/https://doi.org/10.1093/acprof:oso/9780199213276.003.0013>.
- Suychinov, A., Rebezov, M., Maksimiuk, N., Khayrullin, M., Kulikov, D., K., & S., Konovalova, O., Penkova, I., & Moldabayeva, Z. (2019). *Vitamins And Their Role In Human Body*. *International Journal Of Pharmaceutical Research*, 11 (3).
- Taringan, M. N. (2013). *Hubungan Kelimpahan Pakan Dengan Lama Waktu Aktivitas Makan Orangutan Sumatera (Pongo abelii) Di Stasiun Penelitian Batang Toru Blok Barat Sumatera Utara*. Universitas Sumatera Utara.
- Utami-Atmoko, Traylor-Holzer, K., Rifqi, M. A., Siregar, P. G., Achmad, B., Priadjati, A., Husson S., Wich, S., Hadisiswoyo, P., & Saputra, F. (2017). *Orangutan population and habitat viability assessment: final report*. IUCN/SSC Conservation Breeding Specialist Group, Apple Valley, MN.
- van Noordwijk, M. A., Arora, N., Willems, E. P., Dunkel, L. P., Amda, R. N., Mardianah, N., Ackermann, C., Krützen, M., & van Schaik, C. P. (2012). *Female philopatry and its social benefits among Bornean orangutans*. *Behavioral Ecology and Sociobiology*, 66(6), 823–834. <https://doi.org/10.1007/s00265-012-1330-7>
- van Noordwijk, M. A., Utami Atmoko, S. S., Knott, C. D., Kuze, N., Morrogh-Bernard, H. C., Oram, F., Schuppli, C., van Schaik, C. P., & Willems, E. P. (2018). *The slow ape: High*

- infant survival and long interbirth intervals in wild orangutans*. *Journal of Human Evolution*, 125, 38–49. <https://doi.org/10.1016/j.jhevol.2018.09.004>
- van Schaik. (1999). *The socioecology of fusion-fusion sociality in orangutans*. *Primates*. International journal of primatology. Springer.
- van Schaik, C. P., & Knott, C. D. (2001). Geographic variation in tool use on *Neesia* fruits in orangutans. *American Journal of Physical Anthropology*, 114(4), 331–342. <https://doi.org/10.1002/ajpa.1045>.
- van Schaik C. P., Acrenaz Marc, Borgen Gwendolyn, Galdikas Birute, Knott Cheryl D., Singleton Ian, Suzuki Akira, Suci Utami Sri, & Merrill Michelle. (2003). Orangutan Cultures and the Evolution of Material Culture. *Science*, 299, 102–105.
- van Schaik, & Duijnhoven, V. (2006). *Diantara Orangutan Kera Merah Dan Bangkitnya Kebudayaan Manusia*. The Borneo Orangutan Survival Foundation.
- van Schaik, van Noordwijk, M. A., & Vogel, E. R. (2009). *Ecological Sex Differences In Wild Orangutans*. *Orangutans: Geographic Variation In Behavioral Ecology And Conservation*. January, 49–64. <https://doi.org/10.5167/uzh-29600>
- Vogel, E. R., Alavi, S. E., Utami-Atmoko, S. S., van Noordwijk, M. A., Bransford, T. D., Erb, W. M., Zulfa, A., Sulistyo, F., Farida, W. R., & Rothman, J. M. (2017). Nutritional ecology of wild Bornean orangutans (*Pongo pygmaeus wurmbii*) in a peat swamp habitat: Effects of age, sex, and season. *American Journal of Primatology*, 79(4), 1–20. <https://doi.org/10.1002/ajp.22618>
- Vogel, E. R., Harrison, M. E., Zulfa, A., Bransford, T. D., Alavi, S. E., Husson, S., Morrogh-Bernard, H., Santiano, Firtsman, T., Utami-Atmoko, S. S., Van Noordwijk, M. A., & Farida, W. R. (2015). Nutritional differences between two Orangutan habitats: Implications for population density. *PLoS ONE*, 10(10), 8–10. <https://doi.org/10.1371/journal.pone.0138612>
- Wich, S. A. and van Schaik, C. P. (2000). *The impact of el ni~no on mast fruiting in sumatra and elsewhere in malesia*. *Cambridge University Press*.
- Wich, S. A. Atmoko, S. S. U. Setia, T. M. Djoyosudharmo, S., Geurt, M. . (2006). Dietary an Energetic Response of *Pongo abelii* to Fruit Availability Fluctuations. *International Journal of Primatology*, 27: 1538-1540.
- Wich, S. A., Singleton, I., Nowak, M. G., Atmoko, S. S. U., Nisam, G., Arif, S. M., Putra, R. H., Ardi, R., Fredriksson, G., Usher, G., Gaveau, D. L. A., & Kühl, H. S. (2016). *Land-cover changes predict steep declines for the Sumatran orangutan (Pongo abelii)*. *Science Advances*, 2(3), 1–8. <https://doi.org/10.1126/sciadv.1500789>

- Wich, S. A., Utami-Atmoko, S. S., Mitra Setia, T., Rijksen, H. D., Schürmann, C., van Hooff, J. A. R. A. M., & van Schaik, C. P. (2004). Life history of wild Sumatran orangutans (*Pongo abelii*). *Journal of Human Evolution*, 47(6), 385–398. <https://doi.org/10.1016/j.jhevol.2004.08.006>
- Wich, S. A., Vogel, E. R., Larsen, M. D., Fredriksson, G., Leighton, M., Yeager, C. P., Brearley, F. Q., van Schaik, C. P., & Marshall, A. J. (2011). Forest Fruit Production Is Higher on Sumatra Than on Borneo. *PLOS ONE*, 6(6), e21278. <https://doi.org/10.1371/journal.pone.0021278>
- Willis, C. ., Ellwood, E. R., Primack, R. B., Davis, C. C., Pearson, K. D., Gallinat, A., S., Yost, J. M., Nelson, Mazer, S. J., & Rossington, N. L. (2017). Old Plants, New Tricks: Phenological Research Using Herbarium Specimens. *Trends In Ecology & Evolution*, 32, 531–546. <https://doi.org/https://doi.org/10.1016/j.tree.2017.03.015>
- Zulfa, A. (2011). *Perilaku Makan Dan Kandungan Nutrien Makanan Orangutan Sumatera (Pongo abelii) Di Stasiun Penelitian Ketambe, Taman Nasional Gunung Leuser, Nanggroe Aceh Darussalam*. Tesis. Universitas Indonesia.



LAMPIRAN

Tabel Lampiran 1. Analisis uji GLMM antara proporsi makan buah pohon dengan FAI

Linier Hypothesis	Estimate	Std.Error	p-value	
Intercept	75.171	23.348	0.00128	**
Remaja	66.888	31.346	0.03285	*
FAI	5.219	2.566	0.04195	*
Remaja:FAI	-5.751	3.160	0.06879	.

Tabel Lampiran 2. Analisis uji GLMM antara proporsi makan bunga pohon dengan FAI

Linier Hypothesis	Estimate	Std.Error	p-value	
Intercept	18.1625	7.6565	0.0177	*
Remaja	-15.8753	8.5600	0.637	.
FAI	-1.2526	0.6977	0.0726	.
Remaja:FAI	1.3421	0.8268	0.1045	

Tabel Lampiran 3. Analisis uji GLMM antara proporsi makan daun muda pohon dengan FAI

Linier Hypothesis	Estimate	Std.Error	p-value	
Intercept	4.09376	6.55107	0.532	
Remaja	6.64966	6.65818	0.318	
FAI	0.01875	0.61765	0.976	
Remaja:FAI	-0.42578	0.64653	0.513813	

Tabel Lampiran 4. Analisis uji GLMM antara proporsi makan daun tua pohon dengan FAI

Linier Hypothesis	Estimate	Std.Error	p-value	
Intercept	-2.7486	2.1628	0.2038	
Remaja	6.0350	2.7804	0.0300	*
FAI	0.4500	0.2049	0.0281	*
Remaja:FAI	-0.5931	0.2728	0.0297	*

Tabel Lampiran 5. Analisis uji GLMM antara proporsi makan kambium dengan FAI

Linier Hypothesis	Estimate	Std.Error	p-value	
Intercept	5.7783	1.9759	0.00345	**
Remaja	-6.5818	2.4744	0.00781	**
FAI	-0.3477	0.1819	0.05593	.
Remaja:FAI	0.4671	0.2421	0.05372	.

Tabel Lampiran 6. Analisis uji GLMM antara proporsi makan vegetatif dengan FAI

Linier Hypothesis	Estimate	Std.Error	p-value	
Intercept	9.3163	8.3651	0.265	
Remaja	8.1235	9.5244	0.394	
FAI	0.1546	0.8475	0.855	
Remaja:FAI	-0.6879	0.9486	0.468	

Tabel Lampiran 7. Analisis uji GLMM antara proporsi makan serangga dengan FAI

Linier Hypothesis	Estimate	Std.Error	p-value
Intercept	12.8769	8.0211	0.108
Remaja	6.9261	10.3661	0.504
FAI	-0.3556	0.9375	0.704
Remaja:FAI	1.0907	1.0579	0.303

Tabel Lampiran 8. Analisis uji GLMM antara proporsi makan buah liana dengan FAI

Linier Hypothesis	Estimate	Std.Error	p-value
Intercept	3.80253	8.45042	0.653
Remaja	4.34305	10.09267	0.667
FAI	0.07338	0.78292	0.925
Remaja:FAI	-0.60639	0.98024	0.536

Tabel Lampiran 9. Analisis uji GLMM antara proporsi makan bunga liana dengan FAI

Linier Hypothesis	Estimate	Std.Error	p-value	
Intercept	0.50456	0.28154	0.0731	.
Remaja	-0.75779	0.37368	0.0426	*
FAI	-0.03938	0.02776	0.1560	
Remaja:FAI	0.06834	0.03693	0.0642	.

Tabel Lampiran 10. Analisis uji GLMM antara proporsi makan daun muda liana dengan FAI

Linier Hypothesis	Estimate	Std.Error	p-value	
Intercept	6.2130	3.5775	0.0824	.
Remaja	-5.0513	4.5930	0.2714	
FAI	0.2734	0.3612	0.4491	
Remaja:FAI	0.5715	0.4568	0.2109	

Tabel Lampiran 11. Analisis uji GLMM antara proporsi makan daun tua liana dengan FAI

Linier Hypothesis	Estimate	Std.Error	p-value	
Intercept	10.3078	5.5553	0.0635	.
Remaja	-8.4903	7.5775	0.2625	
FAI	-0.5638	0.5659	0.3191	
Remaja:FAI	0.6155	0.7555	0.4152	

Tabel Lampiran 12. Jenis tumbuhan yang dimakan tahap perkembangan orangutan

No	Nama jenis	Nama Ilmiah	Buah	Bunga	Daun muda	Daun tua	Kambium	Vegetasi
1	Akar	Sp 1	✓	✓	✓	✓	✓	✓
2	Akar anggur hijau	Sp 2	✓					
3	Akar asam belimbing	<i>Dapania racemosa</i>	✓	✓	✓	✓	✓	✓
4	Akar Basong	<i>Alyxia oliviformis</i>	✓					✓
5	Akar Dadeh	<i>Manilkara bidentata</i>	✓			✓		
6	Akar Dedingin	<i>Hoya finlaysonii</i>				✓		
7	Akar kaki bebek	<i>Trichosanthes tricuspidate</i>				✓		
8	Akar kekait	<i>Uncaria glabrata</i>			✓	✓		
9	Akar melinjo	<i>Tinomiscium phytocrenoides</i>			✓			✓
10	Akar mewangi	<i>Lodes ovalis</i>	✓					
11	Akar munel kecil	<i>Indorouchera griffithiana</i>	✓					
12	Akar pakis	<i>Stenochlaena palustris</i>			✓	✓		✓
13	Akar pakis sarang burung	<i>Asplenium nidus</i>			✓	✓		✓
14	Akar Palo	<i>Fibraurea tinctoria</i>			✓	✓		✓
15	Akar Pandan	<i>Freycinetia sumatrana</i>			✓	✓		✓
16	Akar Pelas	<i>Tetracera rotundifolia</i>	✓					✓
17	Akar serdang kecil	Sp 3						✓
18	Akar sirih	<i>Piper miniatum</i>			✓			✓
19	Akar sirih besar	<i>Dioscorea nummularia</i>						✓
20	Akar susu kambing	<i>Arcangelisia flava</i>	✓		✓	✓		✓
21	Akar Tepus	<i>Poikilospermum suaveolens</i>						✓
22	Akar tiga urat	<i>Rhodamnia rubescens</i>	✓					
23	Akar tima tima	<i>Psychotria sarmentosa</i>				✓		
24	Akar Timun Tikus	<i>Trichosanthes wawraei</i>			✓			
25	Akar Tombang	<i>Rhaphidophora sylvestris</i>			✓	✓		✓
26	Akar Tombang besar	<i>Dieffenbachia longispatha</i>				✓		✓
27	Akar Tombang kecil	<i>Pothos inaequilaterus</i>			✓			✓
28	Anggrek bawang	<i>Acriopsis liliifolia</i>						✓
29	Asam kandis	Sp 4	✓					
30	Basong	<i>Alstonia spathulata</i>	✓				✓	✓
31	Bunga Piring	<i>Dillenia pulchella</i>		✓				
32	Cemengang	<i>Neesia aquatica</i>	✓				✓	

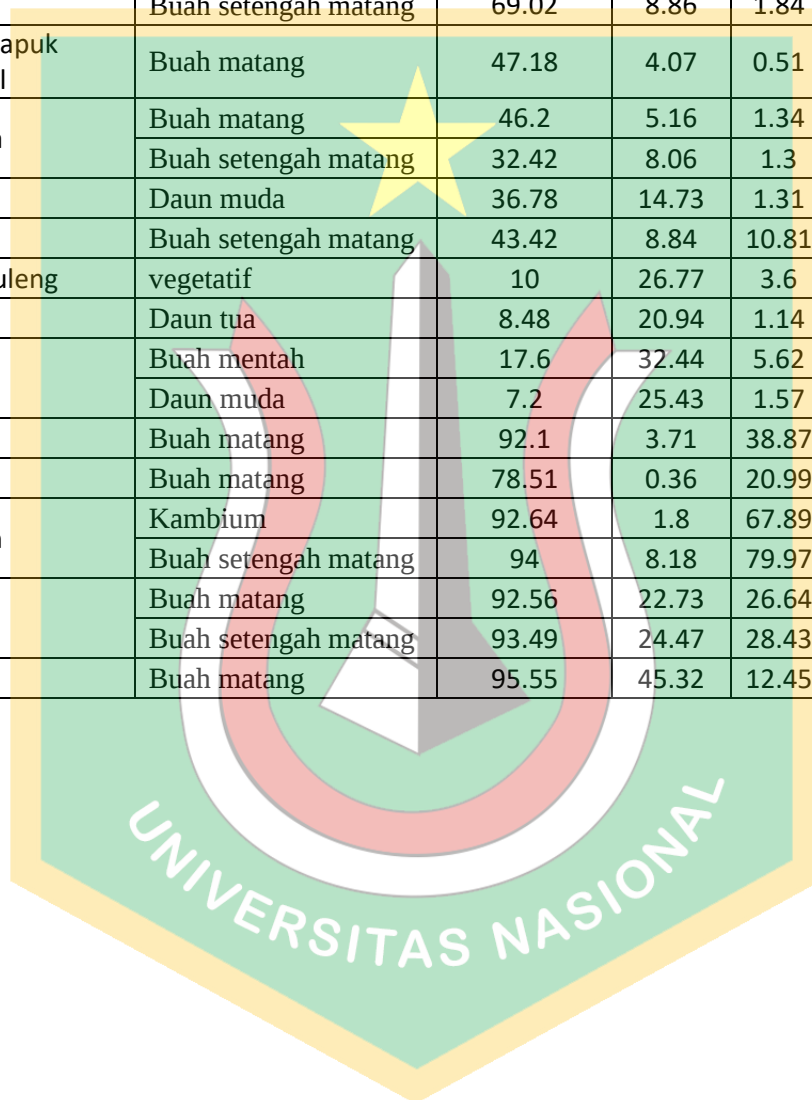
33	Cempedak rawa	<i>Artocarpus kemando</i>	✓					
34	Epiphyte	Sp 5				✓		
35	Gelombang	<i>Xanthophyllum amoenum</i>			✓	✓		✓
36	Geseng bunga	<i>Lithocarpus sundaicus</i>	✓	✓				
37	Jambu Air	<i>Eugenia densiflora</i>	✓	✓	✓			✓
38	Jamur	Sp 6						
39	Kandis	<i>Garcinia gaudichaudii</i>	✓					
40	Kayu Kacang	Sp 7	✓					
41	Kayu karing	<i>Syzygium polyantha</i>	✓					
42	Kelempen	Sp 8	✓					
43	Ketapang	Sp 9	✓					
44	Kopi kopi gunung	Sp 10	✓					
45	Kuli batu	<i>Polyalthia sumatrana</i>	✓		✓	✓		
46	Kuli jambu	<i>Syzygium jambuloides</i>	✓		✓	✓		
47	Malaka	<i>Tetramerista glabra</i>	✓	✓	✓			
48	Mangga Hutan	<i>Mangifera foetida</i>	✓		✓			
49	Medang Baru	<i>Litsea gracilipes</i>	✓		✓			
50	Medang Glue	<i>Litsea sp</i>	✓	✓			✓	
51	Medang hitam	<i>Litsea sp</i>	✓					
52	Medang kersik	<i>Litsea sp</i>	✓					
53	Medang singkat	<i>Campnosperma auriculatum</i>	✓					
54	Meranti batu	Sp 11		✓	✓			
55	Pala Hutan kecil	<i>Gymnocranthera farquhiana</i>	✓		✓			
56	Perada	<i>Garcinia celebica</i>	✓					
57	Puwin	<i>Sandoricum beccarianum</i>	✓	✓	✓	✓		
58	Raja Penawar	<i>Hoya sp</i>			✓	✓		✓
59	Raja penawar 2	<i>Hoya sp</i>				✓		
60	Rambung beringin	<i>Ficus sumatrana</i>	✓	✓				
61	Rambung huwa huwa 2	<i>Ficus virens</i>	✓				✓	
62	Rambung konyel beras	<i>Ficus spp</i>	✓					
63	Regah		✓					✓
64	Rengas	<i>Gluta renghas</i>	✓		✓	✓		
65	Resak Biasa	<i>Parinari corymbosum</i>	✓		✓			
66	Resak Payo	<i>Dialium patens</i>	✓	✓	✓	✓		
67	Resak ubar	<i>Brackenridgea palustris</i>	✓	✓				
68	Rotan	Sp 12						✓
69	Rotan Pakat	Sp 13	✓					
70	Rotan Semuleng	<i>Calamus zollingeri</i>						✓

71	Rotan Tikus	<i>Flagellaria indica</i>			✓	✓		✓
72	Sansewan	Sp 14	✓					
73	Sepang	<i>Sterculia oblongata</i>	✓		✓			✓
74	Seribunaik	<i>Anthocephalus chinensis</i>	✓					
75	Setur padi	<i>Aglaia korthalsii</i>	✓					
76	Sitapeh	Sp 15	✓					
77	Tampu licin	<i>Macaranga pruinosa</i>	✓		✓		✓	
78	Tapis Batu	<i>Garcinia havilandii</i>	✓					
79	Tarok	Sp 16						✓
80	Ubar	<i>Horsfeldia crassifolia</i>	✓					

Tabel Lampiran 13. List Kandungan Makronutrien

No	Jenis Tumbuhan	Bagian Yang Dimakan	Kandungan Makronutrien (%)				Sumber Makanan
			Karbohidrat	Protein	Lipid	NDF	
1	Akar Dedingin	Daun tua	27	4	3.36	56.55	Liana
2	Akar melinjo	Daun muda	38	12.15	1.36	45.56	Liana
3	Akar mewangi	Buah mentah	23.58	16.02	18.34	38.26	Liana
4	Akar munel kecil	Buah setengah matang	32.36	7.62	4.26	50.54	Liana
5	Akar pakis	Vegetative	12.64	8.01	1.08	71.47	Liana
6		Daun muda	3.67	24.82	2.72	58.3	Liana
7	Akar pakis sarang burung	Daun muda	38.02	5.63	1.47	43.7	Liana
8	Akar palo	Daun tua	18.58	9.81	2.84	61.7	Liana
9		Vegetative	22.25	4.09	0.59	67.96	Liana
10	Akar pandan	Daun tua	27.54	9.05	0.77	50.11	Liana
11		Daun muda	36.96	8.05	0.65	41.37	Liana
12	Akar sirih besar	Daun muda	22.93	12.89	3.34	54.13	Liana
13	Akar susu kambing	Vegetative	20.59	6.26	1.27	67.47	Liana
14		Daun muda	17.4	17.82	3.7	53.76	Liana
15	Akar Tombang	Daun tua	23.62	12.24	1.29	47.81	Liana
16		Vegetative	34.84	5.67	0.35	47.81	Liana
17	Akar Tombang Besar	Daun tua	15.6	11.22	2.06	54.47	Liana
18		Vegetative	3.35	4.82	0.42	81.76	Liana
19	Akar Tombang Kecil	Vegetative	23.87	5.01	0.8	63.75	Liana
20	Bunga Piring	Bunga	14.84	7.63	0.2	71.86	Pohon
21	Basong	Kambium	46.66	5.05	9.13	32.99	Pohon
22		Buah mentah	3.69	21.78	10.02	59.96	Pohon
23	Cemengang	Kambium	17.03	6.55	0.67	66.97	Pohon
24		Buah matang	50.78	11.43	18.15	13.91	Pohon
25		Buah setengah matang	28.23	15.99	1.73	48.3	Pohon
26	Gelombang	Daun tua	35.17	9.92	1.27	48.3	Pohon
27	Jambu air	Buah setengah matang	46.65	5.79	0.99	42.11	Pohon
28	Kandis	Buah matang	40.57	4.19	9.76	37.86	Pohon
29	Kuli batu	Buah matang	84.5	4.38	1.09	3.78	Pohon

30	Kuli jambu	Buah mentah	52.36	6.93	0.82	35.58	Pohon
31	Malaka	Buah matang	57.8	3.84	1.08	33.88	Pohon
32		Buah setengah matang	52.39	6.48	2.38	35.98	Pohon
33		Buah mentah	43.82	5.48	1.53	46.07	Pohon
34	Mangga hutan	Buah mentah	51.39	8.2	0.38	36.42	Pohon
35	Medang baru	Buah mentah	29.13	11.38	9.52	43.73	Pohon
36	Medang singkat	Buah mentah	23.22	6.43	5.29	61.11	Pohon
37	Pala Hutan kecil	Buah matang	19.11	3.61	62.04	14.6	Pohon
38	Perahda	Buah mentah	45.04	5.09	17.05	29.63	Pohon
39	Puwin	Buah setengah matang	69.02	8.86	1.84	18.25	Pohon
40	Rambung Tapuk pinang kecil	Buah matang	47.18	4.07	0.51	41.96	Pohon
41	Resak biasa	Buah matang	46.2	5.16	1.34	39.17	Pohon
42		Buah setengah matang	32.42	8.06	1.3	55.95	Pohon
43	Resak payo	Daun muda	36.78	14.73	1.31	44.67	Pohon
44	Resak ubar	Buah setengah matang	43.42	8.84	10.81	35.46	Pohon
45	Rotan semuleng	vegetatif	10	26.77	3.6	48.3	Pohon
46	Rotan tikus	Daun tua	8.48	20.94	1.14	61.59	Pohon
47	Sepang	Buah mentah	17.6	32.44	5.62	39.59	Pohon
48		Daun muda	7.2	25.43	1.57	57.9	Pohon
49	Seribu naik	Buah matang	92.1	3.71	38.87	42.99	Pohon
50	Setur padi	Buah matang	78.51	0.36	20.99	68.88	Pohon
51	Tampu licin	Kambium	92.64	1.8	67.89	18.91	Pohon
52		Buah setengah matang	94	8.18	79.97	1.89	Pohon
53	Tapis batu	Buah matang	92.56	22.73	26.64	43.3	Pohon
54		Buah setengah matang	93.49	24.47	28.43	38.98	Pohon
55	Ubar	Buah matang	95.55	45.32	12.45	35.53	Pohon



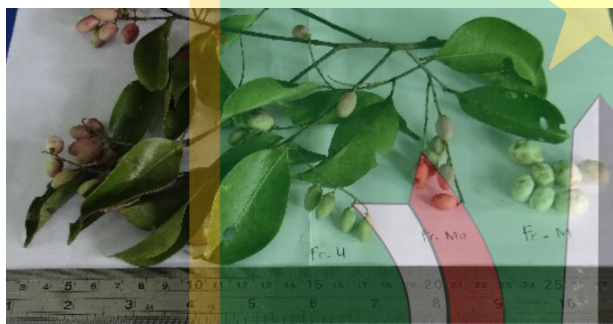
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Tetramerista glabra



Litsea gracilipes



Parinari corymbosum



Sandoricum beccarianum



Sterculia oblongata



Arcangelisia flava



Dialium patens



Neesia aquatica (Mentah)



Neesia aquatica (Matang)

Gambar Lampiran 2. Teknik makan



Penggunaan alat stik ranting



Mencongkel sarang rayap dengan jari



Makan rayap dari kayu mati



Makan kambium *Macaranga pruinosa*

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