

**Physical factors at salt licks influenced the frequency of wildlife visitation in the Malaysian tropical rainforest**

Nor Bazilah Razali<sup>1</sup>, Muhammad Syafiq Haiqal Shafie<sup>1</sup>, Rahaniza Ali Mohd Jobran<sup>1</sup>,  
Nur Hayati Abdul Karim<sup>1</sup>, Shamsul Khamis<sup>1</sup>, Farah Shafawati Mohd-Taib<sup>1\*</sup>,  
Shukor Md Nor<sup>1</sup>, Ehwan Ngadi<sup>2</sup>, Siti Hajar Atiqah Razali<sup>3</sup>, Shahril Mod Husin<sup>4</sup> and  
Mohamed Shah Redza Hussein<sup>5</sup>

<sup>1</sup>Department of Biological Sciences and Biotechnology, Faculty of Science and Technology, Universiti Kebangsaan Malaysia, Bangi, Selangor, Malaysia; <sup>2</sup>Kolej GENIUS Insan, Universiti Sains Islam Malaysia, Nilai, Negeri Sembilan, Malaysia; <sup>3</sup>Department of Wildlife and National Park Peninsular Malaysia, Kuala Lumpur, Malaysia; <sup>4</sup>TNB Research Sdn Bhd, Kawasan Institusi Penyelidikan, Kajang, Selangor, Malaysia; <sup>5</sup>Perbadanan Taman Negeri Perak, Gerik, Perak, Malaysia

\*Corresponding author. E-mail: farah\_sh@ukm.edu.my

## SUPPLEMENTARY FILES

Table S1. List of species recorded at SPU and SPS, with the vegetation category.

No.	Family	Species	Vegetation category	SPU	SPS
1	Acanthaceae	<i>Justicia</i> sp.	herb		x
2	Actinidiaceae	<i>Saurauia rubens</i>	small tree		x
3	Annonaceae	<i>Fissistigma</i> sp.	climber	x	
4		<i>Polyalthia clavigera</i>	tree		x
5	Apocynaceae	<i>Alyxia</i> sp.	climber	x	
6		Indet 1	climber		x
7		<i>Homalomena</i> sp.	herb	x	x
8		<i>Schismatoglottis calyptrate</i> (Roxb.) Zoll and Moritzi	herb		x
9		<i>Schismatoglottis</i> sp.	herb	x	x
10	Araceae	<i>Daemonorops</i>	palm		x
11		<i>Eugeissona tristis</i> Griff.	palm	x	
12		<i>Iguanura</i> sp.	palm		x
13		<i>Licuala</i> sp.	palm	x	x
14		<i>Oncosperma horridum</i> (Griff.) Scheff.	palm		x
15	Aspleniaceae	<i>Asplenium gigantea</i> (Walt.) Muhl	fern		x
16	Begoniaceae	<i>Begonia</i> sp.	herb	x	
17		<i>Begonia wrayi</i> Hemsl.	herb	x	
18	Burseraceae	<i>Canarium littorale</i>	tree		x
19	Celastraceae	<i>Euonymus javanicus</i>	tree		x
20	Chrysobalanaceae	<i>Chrysobalanus</i> sp.	tree		x
21		<i>Amischotolype marginata</i> Hassk	herb		x
22	Commelinaceae	<i>Pollia</i> sp.	herb		x
23		<i>Amischotolype gracilis</i> (Ridl.) I.M. Turner	herb	x	
24		<i>Agelaea borneensis</i> (Hool.f.) Merr.	climber		x
25		<i>Dipterocarpus baudii</i>	tree	x	
26	Dipterocarpaceae	<i>Shorea macrantha</i>	tree		x
27		<i>Shorea macroptera</i>	tree	x	
28		<i>Shorea parvifolia</i> Dyer ssp.	tree		x
29	Dryopteridaceae	<i>Bolbitis</i> sp.	fern	x	x
30	Euphorbiaceae	<i>Drypetes longifolia</i>	tree		x
31		Indet 3	tree	x	
32	Flacourtiaceae	<i>Scolopia macrophylla</i>	tree		x
33	Gesneriaceae	<i>Cyrtandra cupulata</i> Ridl. var. minor	shrub		x
34		Indet 4	herb		x
35	Hanguanaceae	<i>Hanguana malayana</i> (Jack) Merr.	herb		x
36	Lamiaceae	<i>Callicarpa</i> sp.	tree	x	
37		<i>Bauhinia bidentata</i>	woody climber		x
38		<i>Bauhinia</i> sp.	climber	x	
39		<i>Cynometra malaccensis</i>	tree	x	
40	Fabaceae	<i>Intsia palembanica</i>	tree	x	
41		<i>Millettia atropurpurea</i> ( <i>Callerya atropurpurea</i> ) (Wall.) Benth.	tree	x	
42		<i>Sindora coriacea</i> (baker) Maingay ex Prain	tree	x	

43		<i>Donax grandis</i> (Miq.) K, Schum.	herb		x
44	Marantaceae	<i>Maranta</i> sp.	herb		x
45		<i>Phrynium</i> sp.	herb	x	
46	Melastomaceae	<i>Clidemia hirta</i>	shrub	x	x
47		<i>Allomorphia</i> sp.	shrub	x	
48		<i>Aglaia indica</i> (Hook.f.) Harms.	tree		x
49	Meliaceae	<i>Aglaia oligophylla</i> Miq,	tree		x
50		<i>Chisocheton macrophyllus</i>	tree		x
51		<i>Artocarpus elasticus</i>	tree		x
52		<i>Artocarpus lanceifolius</i>	tree	x	x
53	Moraceae	<i>Ficus hispida</i>	tree	x	
54		<i>Ficus fistulosa</i>	tree		x
55		<i>Ficus</i> sp.	climber	x	
56	Musaceae	<i>Musa acuminata</i> Colla ssp. siamea	herb		x
57	Myristicaceae	<i>Horsfieldia punctatifolia</i>	tree		x
58		<i>Horsfieldia superba</i>	tree		x
59		<i>Syzygium polyanthum</i>	tree		x
60	Myrtaceae	<i>Syzygium</i> sp.1	tree		x
61		<i>Syzygium</i> sp.2	tree	x	x
62	Nephrolepidaceae	<i>Nephrolepis</i> sp.	fern		x
63		<i>Antidesma cuspidatum</i>	tree	x	
64		<i>Antidesma stipulare</i>	tree	x	
65	Phyllanthaceae	<i>Aporosa arborea</i>	tree		x
66		<i>Aporosa aurea</i>	tree		x
67		<i>Baccaurea brevipes</i>	tree	x	x
68	Piperaceae	<i>Piper magnibaccum</i> C. DC.	climber		x
69	Poaceae	<i>Axonopus compressus</i> (Sw.) P. Beauv	herb	x	
70		Indet 5	herb		x
71	Primulaceae	<i>Maesa ramentacea</i>	shrub	x	
72		<i>Diplospora malaccensis</i> Hook.f.	tree		x
73		<i>Ixora concinna</i> Hook.f.	shrub		x
74	Rubiaceae	<i>Ixora cordata</i> Merr. And L.M. Perry	shrub		x
75		<i>Ophiorrhiza costata</i> Ridl.	herb		x
76		<i>Psychotria rostrate</i> Blume	shrub		x
77	Salicaceae	<i>Flacourtia</i> sp.	tree		x
78	Sapindaceae	<i>Pometia pinnata</i>	tree	x	
79		<i>Xerospermum noronhianum</i> Blume	tree	x	
80	Selaginellaceae	<i>Selaginella intermedia</i> Blume	fern	x	
81	Urticaceae	Indet 6	small tree	x	x
82	Violaceae	<i>Rinorea anguifera</i> (Lour.) Kuntze	tree		x
83	Leeaceae	<i>Leea indica</i>	tree	x	x
84		<i>Leea</i> sp.	shrub		x
85		<i>Cheilocostus globosus</i> (Blume) C. Specht.	herb		x
86		<i>Elettariopsis smithiae</i> Y.K. kam var. <i>rugosa</i>	herb		x
87	Zingiberaceae	<i>Globba pendula</i> Roxb. Ssp. <i>Pendula</i> var. <i>pendula</i>	herb		x
88		<i>Zingiber</i> sp.	herb		x
89		<i>Zingiber spectabile</i> Griff.	herb	x	