

Survey By Recce Walk/ Transect Line

This is a method where our wildlife survey team needs to recce monitoring by 6 permanent transect lines. Identification criteria include mud rubbing, footprints, sound, direct sightings, and scratching marks.

Summary of the analysis from our survey data are as follows:

- (a) Wildlife index (Index= $\frac{N \text{ (Number of wildlife detected)}}{\text{Distance survey}}$)
 (b) Wildlife index (Index= $\frac{N \text{ (Number of wildlife detected)} \times 100}{\text{Total detection of all species}}$)

Table 1. Wildlife Index percentages recorded through "Recce Walk" research method in the year 2016

List of NGR wildlife species (Recce Walk Survey)			Quarter 1 (Jan-march2016)	Quarter 2 (Apr-june2016)	Quarter 3 (July-Sept2016)	Quarter 4 (Oct-Dec2016)	sub total	Total transect distance survey for year 2016 (KM)	Index =N/Distance	Index (%) =N/total detection of all species
No	Species	Saintific name								
1	<i>Sus barbatus</i>	Bearded Pig	32	31	38	19	120	37.8	3.17	38.6%
2	<i>Cervus unicolor</i>	Sambar Deer	18	27	18	18	81	37.8	2.14	26.0%
3	<i>Elephas maximus</i>	Bornean Elephant	3	8	2	4	17	37.8	0.45	5.5%
4	<i>Pongo pygmaeus</i>	Orang-Utan	0	1	2	2	5	37.8	0.13	1.6%
5	<i>Ursus Malayanus</i>	Sun Bear	1	0	0	1	2	37.8	0.05	0.6%
6	<i>Bos javanicus</i>	Tambadau	1	0	1	1	3	37.8	0.08	1.0%
7	<i>Manis javanica</i>	Sunda Pangolin	3	1	0	0	4	37.8	0.11	1.3%
8	<i>Hylobates muelleri</i>	Bornean Gibbon	3	0	0	4	7	37.8	0.19	2.3%
9	<i>Muntiacus atherodes</i>	Bornean-yellow muntjac	3	8	0	0	11	37.8	0.29	3.5%
10	<i>Tragulus Javanicus</i>	Lesser Mousedeer	4	4	5	2	15	37.8	0.40	4.8%
11	<i>Tragulus Kanchil</i>	Greater Mousedeer	3	4	2	4	13	37.8	0.34	4.2%
12	<i>Thecurus crassispinis</i>	Thick-spined Porcupine	0	0	1	0	1	37.8	0.03	0.3%
13	<i>Lutrogale perspicillata</i>	Smooth-coated Otter	0	4	1	0	5	37.8	0.13	1.6%

14	<i>Hystrix brachyura</i>	Common porcupine	0	1	0	0	1	37.8	0.03	0.3%
15	<i>Callosciurus prevostii</i>	Prevost's Squirrel	0	1	0	0	1	37.8	0.03	0.3%
16	<i>Macaca nemestrina</i>	Pig-tailed Macaque	0	0	1	0	1	37.8	0.03	0.3%
17	<i>Lophura ignita</i>	Crested Fireback	3	0	0	0	3	37.8	0.08	1.0%
18	<i>Anhinga melanogaster</i>	Datter	5	0	0	0	5	37.8	0.13	1.6%
19	<i>Anthracoceros malayanus</i>	Black Hornbill	0	0	3	0	3	37.8	0.08	1.0%
20	<i>Ardea alba</i>	Great Egret	0	0	4	0	4	37.8	0.11	1.3%
21	<i>Ardea purpurea</i>	Purple Heron	0	0	1	0	1	37.8	0.03	0.3%
22	<i>Buceros rhinoceros</i>	Rhinoceros Hornbill	0	0	3	5	8	37.8	0.21	2.6%
			79	90	82	60	311	37.8	37.8	100%

Indicator:

- HCV Priority Species
- Other Mammal's
- Bird's species

* The active wildlife species recorded is Bearded pig (*Sus Barbatus*), Sambar deer (*Cervus unicolor*) and Bornean Elephant (*Elephas Maximus*). There are 8 wildlife species listed as HCV priorities as per The Table. 1 above and Figure 1 as stated below explained about the wildlife index percentage recorded from January 2016 until December 2016



Figure 1. Chart of Wildlife Index percentages recorded through "Recce Walk" in the year 2016