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=N (<u>Number of wildlife detected</u>)

<div align="center">Distance survey</div>

(b) Wildlife index (Index=N (<u>Number of wildlife detected</u> X 100)

<div align="center">Total detection of all species</div>

Table 1. Wildlife Index percentages recorded through "Recce Walk" research method in the year 2015

No	Species	Saintific name	Quarter 1 (Jan-March2015)	Quarter 2 (Apr-June2015)	Quarter 3 (July-Sept2015)	Quarter 4 (Oct-Dec2015)	sub total	Total transect distance survey for year 2015 (KM)	Index =N/Distance	Index (%) =N/total detection of all species
1	Sambar Deer	*Cervus Unicolor*	4	4	13	9	30	24	1.25	21.1
2	Bornean Elephant	*Elephas Maximus*	1	3	11	2	17	24	0.71	12.0
3	Bearded Pig	*Sus Barbatus*	18	5	19	11	53	24	2.21	37.3
4	Bornean Red Muntjac	*Muntiacus muntjac*	3	3	3	4	13	24	0.54	9.2
5	Greater Mouse-deer	*Tragulus napu*	2	2	6	2	12	24	0.50	8.5
6	Crested fire back		1	1	1	0	3	24	0.13	2.1
7	Pangolin	*Manis Javanica*	1	1	2	2	6	24	0.25	4.2
8	Lesser_mouse deer	*Tragulus javanicus*	0	1	0	0	1	24	0.04	0.7
9	Common porcupine	*Hystrix brachyura*	0	1	0	0	1	24	0.04	0.7
10	Great Argus	*Argusianus argus*	0	0	1	0	1	24	0.04	0.7
11	Common Palm Civet	*Paradoxurus hermaphroditus*	0	0	0	1	1	24	0.04	0.7
12	Leopard Cat	*Felis bengalensis*	0	0	0	2	2	24	0.08	1.4
13	Smooth Otter	*Lutra perspicillata*	0	0	0	1	1	24	0.04	0.7
14	Malay civet	*Viverra tangalunga*	0	0	0	1	1	24	0.04	0.7
			30	21	56	35	142	24	5.92	100.0

* The highest wildlife index percentage were recorded on Quarter 3 (July 2015 – September 2015). The active wildlife species recorded on quarter 3 is Bearded pig (*Sus Barbatus*), Sambar deer (*Cervus unicolor*) and Bornean Elephant (*Elephas Maximus*). The Table. 3 above and Figure 8 as stated below explained about the wildlife index percentage recorded from January 2015 until December 2015.

- Recce walk by line transect (Wildlife index output)

Wildlife index (Index=N (<u>Number of wildlife detected </u>)
$\qquad\qquad\qquad\qquad\qquad$ Distance survey (24km)

Total distance survey for year 2015: 24km.

- Wildlife index
  Index=N (<u>Number of wildlife detected </u> X 100)
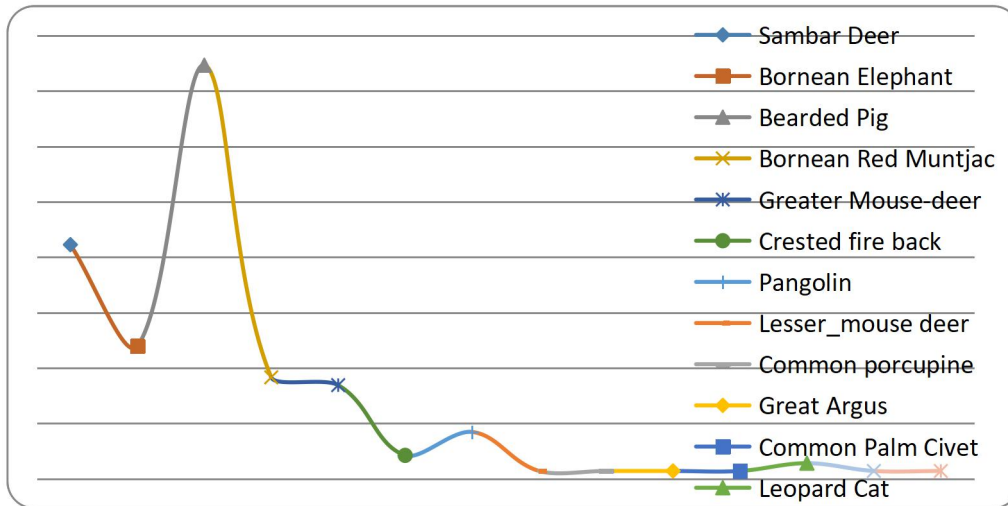 $\qquad\qquad$ total detection of all species

Figure 1. Chart of Wildlife Index percentages recorded through "Recce Walk" in the year 2015