

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.

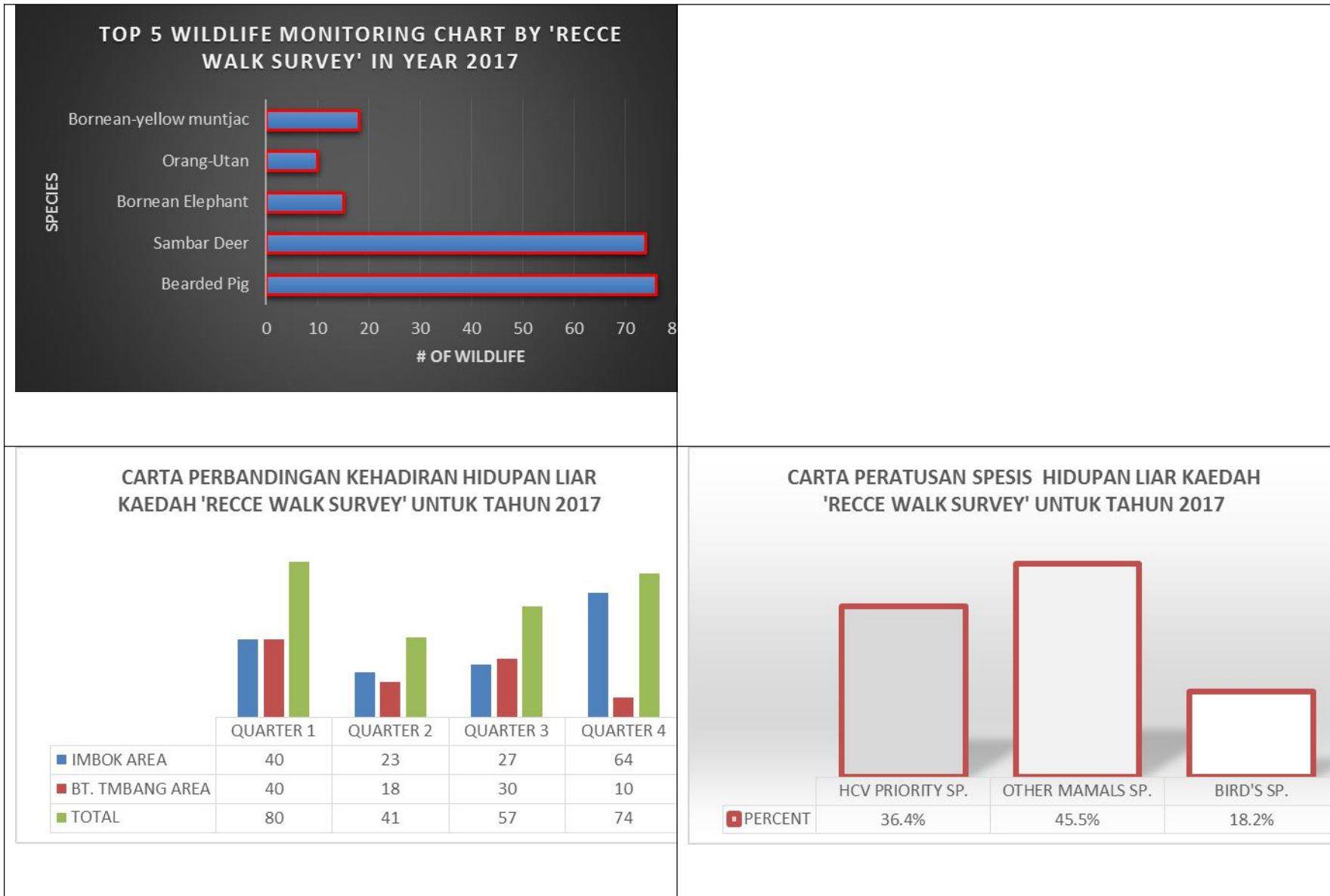
Summary of the analysis from our survey data are as follows:

- (a) Wildlife index (Index=N (Number of wildlife detected)
Distance survey
- (b) Wildlife index (Index=N (Number of wildlife detected X 100)
Total detection of all species

Table 1. 'RECCE WALK SURVEY' data between January until December 2017

No	Scientific Name	Wildlife Species	Q1			Q2			Q3			Q4				TOTAL TRANSECT	INDEX= N/Distance	TOTAL	%
			IRW 1	IRW 3	BTRW 6	IRW 2	BTRW 7	BTRW 2	IRW 5	BTRW 8	BTRW 1	IRW 5	IRW 1	IRW 3	BTRW 7				
1	<i>Sus barbatus</i>	Bearded Pig	5	6	12	7	6	3	9	5	3	6	7	5	2	25	3.04	76	30.2%
2	<i>Rusa unicolor</i>	Sambar Deer	4	6	7	7	2	3	10	4	5	7	9	6	4	25	2.96	74	29.4%
3	<i>Elephas maximus</i>	Bornean Elephant	1	5	4	0	0	0	1	0	0	1	1	2	0	25	0.6	15	6.0%
4	<i>Bos javanicus</i>	Tambadau	0	1	1	1	0	0	2	1	0	0	0	0	1	25	0.28	7	2.8%
5	<i>Pongo pygmaeus</i>	Orang-Utan	0	1	0	0	0	0	2	0	0	5	0	2	0	25	0.4	10	4.0%
6	<i>Hylobates muelleri</i>	Bornean Gibbon	0	0	0	0	0	0	1	0	0	0	0	1	0	25	0.08	2	0.8%
7	<i>Helarctos malayanus</i>	Sun Bear	0	0	0	0	0	0	0	1	0	0	0	0	0	25	0.04	1	0.4%
8	<i>Manis javanica</i>	Sunda Pangoline	0	0	0	0	0	0	0	1	1	0	0	0	0	25	0.08	2	0.8%
9	<i>Tragulus kanchil</i>	Greater Mousedeer	2	1	0	0	0	0	2	2	0	1	0	0	1	25	0.36	9	3.6%
10	<i>Tragulus javanicus</i>	Lesser Mousedeer	0	0	1	2	0	0	0	0	0	0	2	3	0	25	0.32	8	3.2%
11	<i>Muntiacus atherodes</i>	Bornean-yellow muntjac	0	3	6	1	0	0	0	0	2	1	0	4	1	25	0.72	18	7.1%
12	<i>Muntiacus muntjac</i>	Bornean Red Muntjac	0	0	0	0	1	1	0	0	0	0	0	0	0	25	0.08	2	0.8%
13	<i>Tragulus napu</i>	Greater Mousedeer	0	0	5	0	2	0	0	0	0	0	0	0	0	25	0.28	7	2.8%
14	<i>Macaca fascicularis</i>	Long-tailed Macaque	0	0	3	0	0	0	0	0	0	0	0	0	0	25	0.12	3	1.2%
15	<i>Viverra zangalunga</i>	Malay Civet	0	1	0	0	0	0	0	0	0	0	0	0	0	25	0.04	1	0.4%
16	<i>Lutrogale perspicillata</i>	Smooth-coated Otter	0	0	1	0	0	0	0	0	0	0	0	0	0	25	0.04	1	0.4%
17	<i>Otter spp.</i>	Otter spp.	0	0	0	1	0	0	0	0	0	0	0	0	0	25	0.04	1	0.4%
18	<i>Aonyx cinerea</i>	Small-clawed Otter	0	0	0	0	0	0	0	0	0	0	0	0	1	25	0.04	1	0.4%
19	<i>Lophura ignita</i>	Crested Fireback	0	0	0	3	0	0	0	3	0	0	0	0	0	25	0.24	6	2.4%
20	<i>Anthracoceros malayanus</i>	Black Hornbill	0	0	0	1	0	0	0	0	0	0	1	0	0	25	0.08	2	0.8%
21	<i>Buceros rhinoceros</i>	Rhinoceros Hornbill	0	0	0	0	0	0	0	0	2	0	0	0	0	25	0.08	2	0.8%
22	<i>Anhinga melanogaster</i>	Darter	4	0	0	0	0	0	0	0	0	0	0	0	0	25	0.16	4	1.6%
		TOTAL :	16	24	40	23	11	7	27	17	13	21	20	23	10	25	10.08	252	100%

Figure 1. Graph and Wildlife Chart by 'RECCE WALK SURVEY' Method for 2017



SUMMARY

Based on the data acquired, the highest percentage of wildlife index were recorded in the 1st Quarter between January until March 2017. The active wildlife species recorded within NGR consists of ***Bearded Pig (30.2 %), Sambar Deer (29.4 %) and Bornean Muntjac (7.1 %)***. Eight HCV Priority Species were recorded consists of ***Borneon Elephant, Tembadau, Orang Utan, Sun Bear, Sunda Pangoline, Borneon Gibbon, Bearded Pig and Sambar Deer***. The Recce walk survey method was done 13 times in 9 permanent line transect within Mt. Magdalena FR with a total distance of 25 Km.

