

Survey By Recce Walk/ Transect Line

This is a method where our wildlife survey team needs to recce monitoring by 10 permanent transect lines. Identification criteria include mud rubbing, footprints, sound, direct sightings, and scratching marks.

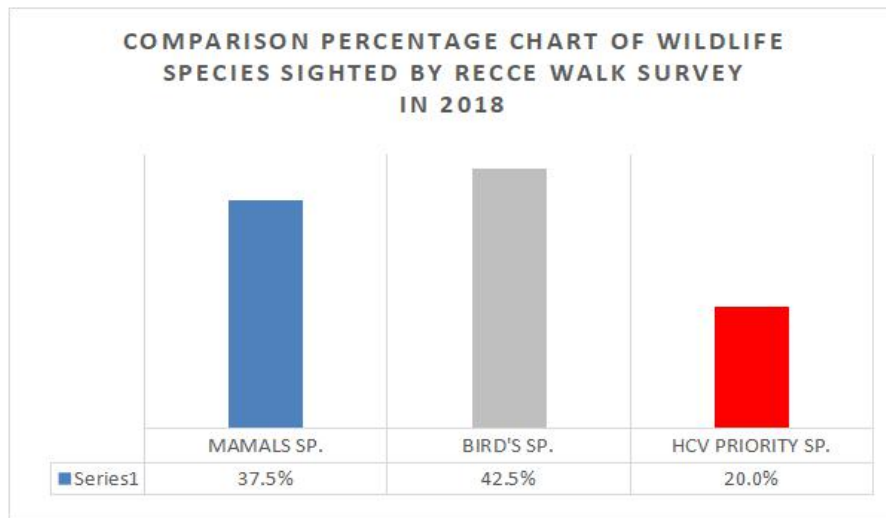
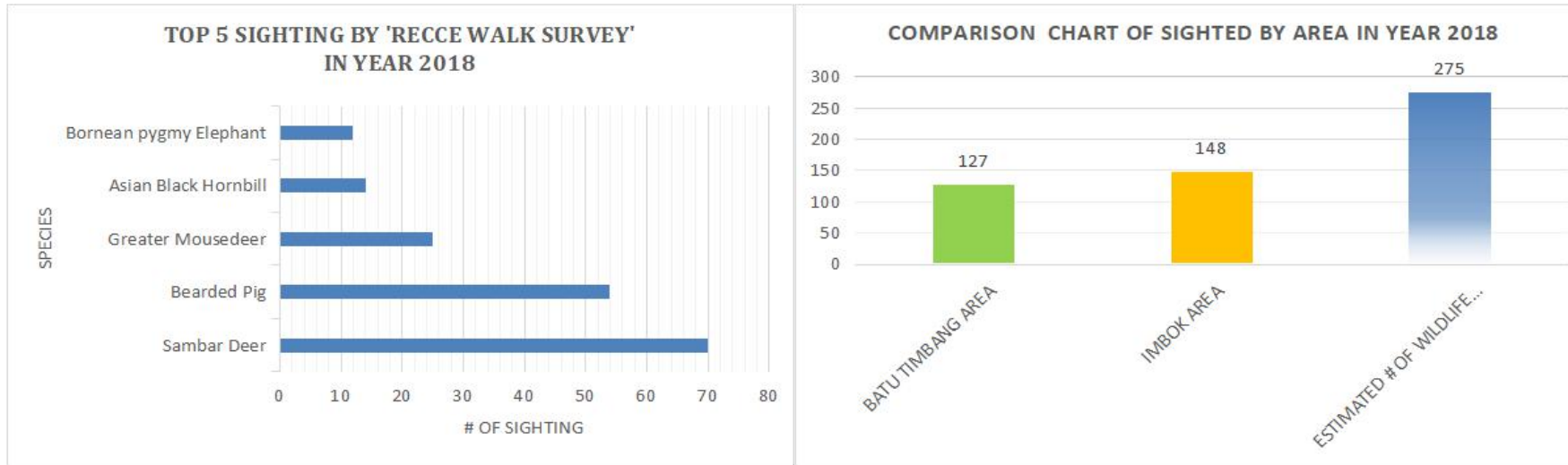
Summary of the analysis from our survey data are as follows:

- (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 2018

No	SCIENTIFIC NAME	SPECIES	BATU TIMBANG AREA	IMBOK AREA	ESTIMATED # OF WILDLIFE SIGHTING	TOTAL KM	IND. /KM	%
1	<i>Anthracoceros malay pnus</i>	Asian Black Hornbill	0	14	14	30	0.47	5.1%
2	<i>Terpsiphone paradisi</i>	Asian Paradise Flycether	5	0	5	30	0.17	1.8%
3	<i>Sus barbatus</i>	Bearded Pig	22	32	54	30	1.80	19.6%
4	<i>Cymbirhynchus macrorhynchos</i>	Black and Red Broadbill	1	0	1	30	0.03	0.4%
5	<i>Eurylaimus ochromalus</i>	Black and Yellow Broadbill	2	0	2	30	0.07	0.7%
6	<i>Megalaima australis</i>	Blue-eared Barbet	1	0	1	30	0.03	0.4%
7	<i>Bos javanicus</i>	Bornean Banteng/Tembadau	1	6	7	30	0.23	2.5%
8	<i>Lophura ignita</i>	Bornean Crested Fireback	1	7	8	30	0.27	2.9%
9	<i>Hylobates funereus</i>	Bornean Gibbon	1	4	5	30	0.17	1.8%
10	<i>Pongo pygmaeus mario</i>	Bornean Orang-utan	0	5	5	30	0.17	1.8%
11	<i>Elephas maximus borneensis</i>	Bornean pygmy Elephant	10	2	12	30	0.40	4.4%
12	<i>Helarctos malayanus</i>	Bornean Sun Bear	4	0	4	30	0.13	1.5%
13	<i>Muntiacus atherodes</i>	Bornean-yellow Muntjac	0	3	3	30	0.10	1.1%
14	<i>Alcedoatthis</i>	Common Kingfisher	1	0	1	30	0.03	0.4%
15	<i>Argusianus argus</i>	Great Argus	5	1	6	30	0.20	2.2%
16	<i>Tragulus napu</i>	Greater Mousedeer	8	17	25	30	0.83	9.1%
17	<i>Buceros vigil</i>	Helmeted Hornbill	6	0	6	30	0.20	2.2%
18	<i>Gracula religiosa</i>	Hill Myna	6	0	6	30	0.20	2.2%
19	<i>Tragulus kanchil</i>	Lesser Mousedeer	2	0	2	30	0.07	0.7%
20	<i>Arachnothera longirostra</i>	Little Spider Hunter	1	0	1	30	0.03	0.4%
21	<i>Macaca facicularis</i>	Long-tailed Macaque	10	0	10	30	0.33	3.6%
22	<i>Anthracoceros albirostris</i>	Oriental Pied Hornbill	1	0	1	30	0.03	0.4%
23	<i>Cynogale bennettii</i>	Otter Civet	1	0	1	30	0.03	0.4%
24	<i>Macaca nemestrina</i>	Pig-tailed macaque	1	0	1	30	0.03	0.4%
25	<i>Callosciurus prevostii</i>	Prevost's Squirrel	2	0	2	30	0.07	0.7%
26	<i>Pycnonotus brunneus</i>	Red Eyed Bulbul	1	0	1	30	0.03	0.4%
27	<i>Galus-galus</i>	Red Junglefowl	1	0	1	30	0.03	0.4%
28	<i>Muntiacus muntjac</i>	Red Muntjac/Barking Deer	6	0	6	30	0.20	2.2%
29	<i>Buceros rhinoceros</i>	Rhinoceros Hornbill	2	8	10	30	0.33	3.6%
30	<i>Cervus unicolor</i>	Sambar Deer	21	49	70	30	2.33	25.5%
31	<i>Copsychus stricklandi</i>	White-crowned Shama	2	0	2	30	0.07	0.7%
32	<i>Unknown</i>	Woodpecker sp	2	0	2	30	0.07	0.7%
TOTAL :			127	148	275	30	9.17	100%

Figure 1. Graph and Wildlife Chart by 'RECCE WALK SURVEY' Method for 2018



SUMMARY

The active wildlife species recorded within NGR consists of ***Sambar Deer (25.5%), Bearded Pig (19.6%) and Greater Mousedeer (9.1%)***. Eight HCV Priority Species were recorded consists of ***Bornean Elephant, Tambadau, Orang-Utan, Sun Bear, Otter Civet, Bornean Gibbon, Bearded Pig and Sambar Deer***. The Recce walk survey method was done 15 times in 10 permanent line transect within Mt. Magdalena FR with a total distance of 30 Km in 2018.