



Tumring REDD+ Biodiversity Survey of Wild Birds

Contract No.: TRP/PMU-001-2021

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Table of Contents

Executive Summary.....	P.3
Methodology.....	P.3
Existing Maps of Tumring REDD+ Area.....	P.4
Maps of Site Areas Surveyed by SVC.....	P.5
Results.....	P.7
Odasco Protected Forest Results.....	P.7
Hong Chamatet Protected Forest Results.....	P.9
Prey Angten Protected Forest Results.....	P.10
Google Drive Links to Detailed Data.....	P.11
Consolidated Bird List.....	P.12
Survey Leader Diary.....	P.16
ANNEX 1. Detailed Survey Records from Odasco Protected Forest.....	P.19
ANNEX 2. Detailed Survey Records from Hong Chamatet Protected Forest.....	P.28
ANNEX 3. Detailed Survey Records from Prey Angten Protected Forest.....	P.35

Executive Summary

From 18th October to 24th October 2021, Sam Veasna Conservation Tours conducted a biodiversity survey of Tumring REDD+ survey area for a total of 6 days. The goals of this survey were:

- a) to conduct scientific survey for the second baseline information on birds specific to the area
- b) to enhance biodiversity monitoring, recording and reporting- especially wild birds' species in the project area.

In total, 103 species and 2988 total birds were observed within the project area. This includes two species classified Vulnerable on the IUCN Red List, Great Slaty Woodpecker and Great Hornbill and two species classified Near-Threatened, Ashy-headed Green-pigeon and Red-breasted Parakeet.

Methodology

SVC used 6 survey participants for this survey. Each participant had a pair of Swarovski Optik Binoculars and a recording sheet. 6 participants were split into 3 groups.

Group 1: Mardy Sean and Ladong Nan

Group 2: Hat Huon and Hang Oeung

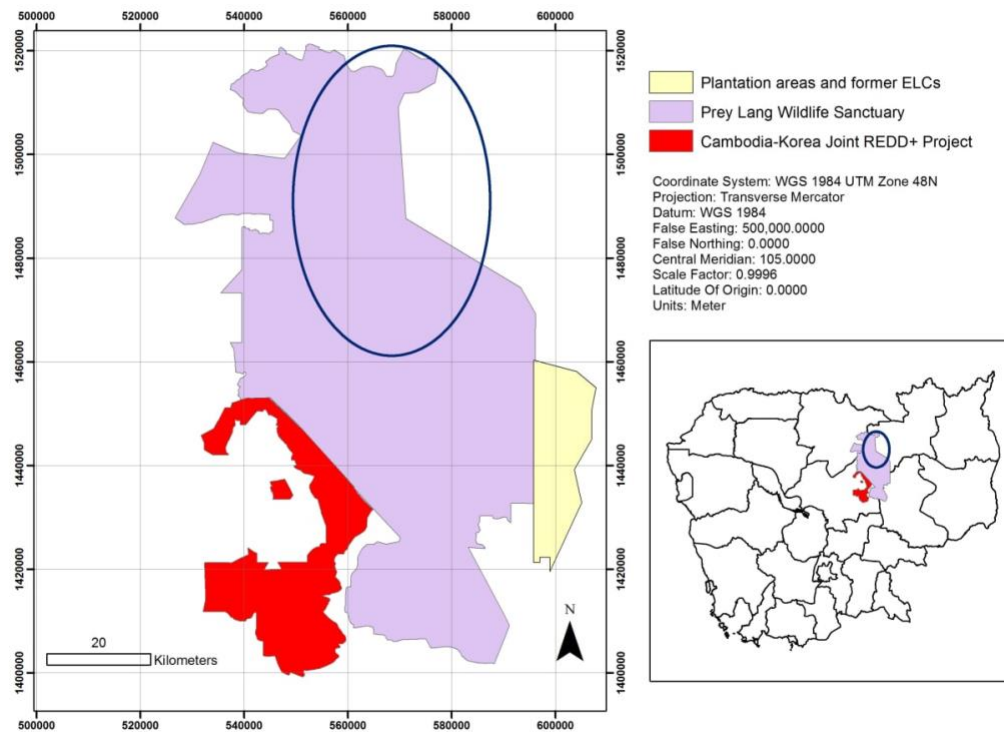
Group 3: Mony Sang and Bunse Nek

Each group walked along a roughly 1km transact lines for 2-3 hours in the morning (6:00 to 9:00) and afternoon (14:00 to 17:00). Please note that the transact lines being travelled deviate depending on the terrain. At regular intervals along the 1km transact line, the groups stopped for 10-15 minutes to take a spot check of birds in the area.

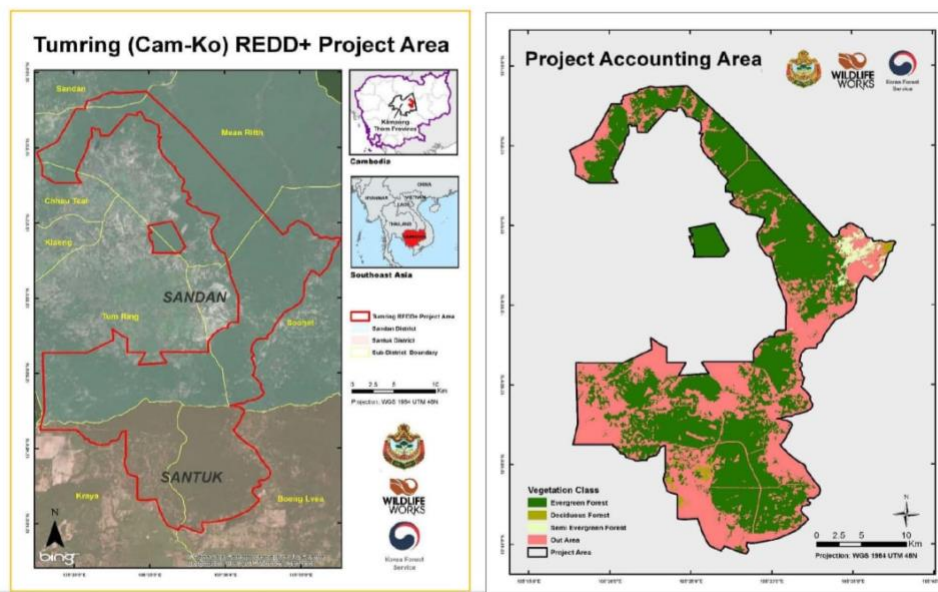
Existing maps of Tumring REDD+ Area

Below are maps showing the Tumring REDD+ site in Prey Lang Wildlife Sanctuary.

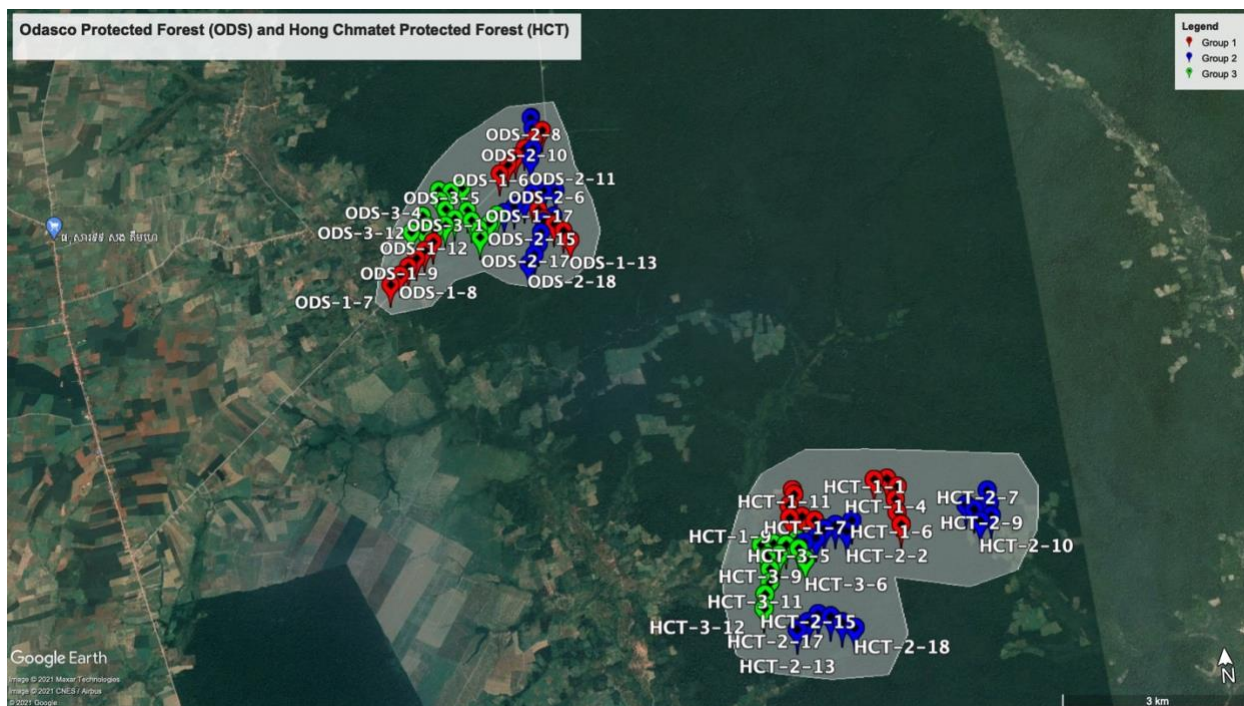
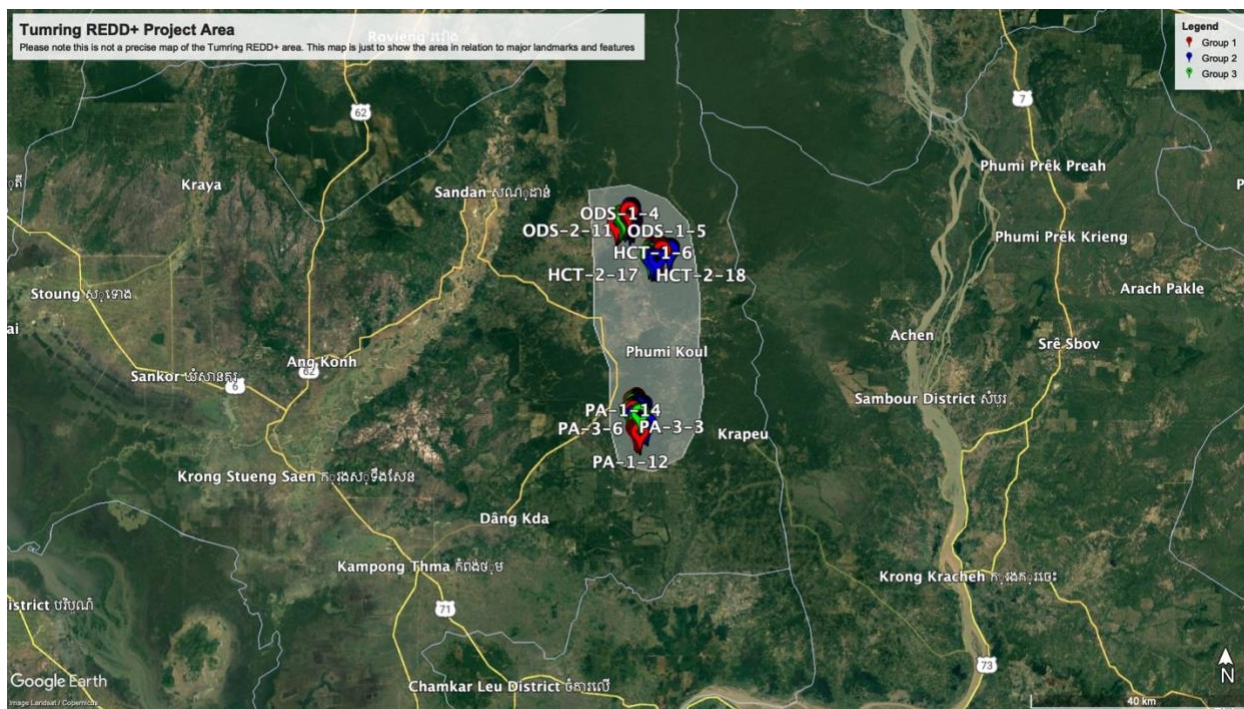
Location of Cambodia-Korea Joint REDD+ Project Site and Japanes REDD+ Area (JCM-REDD+) in Prey Lang Wildlife Sanctuary

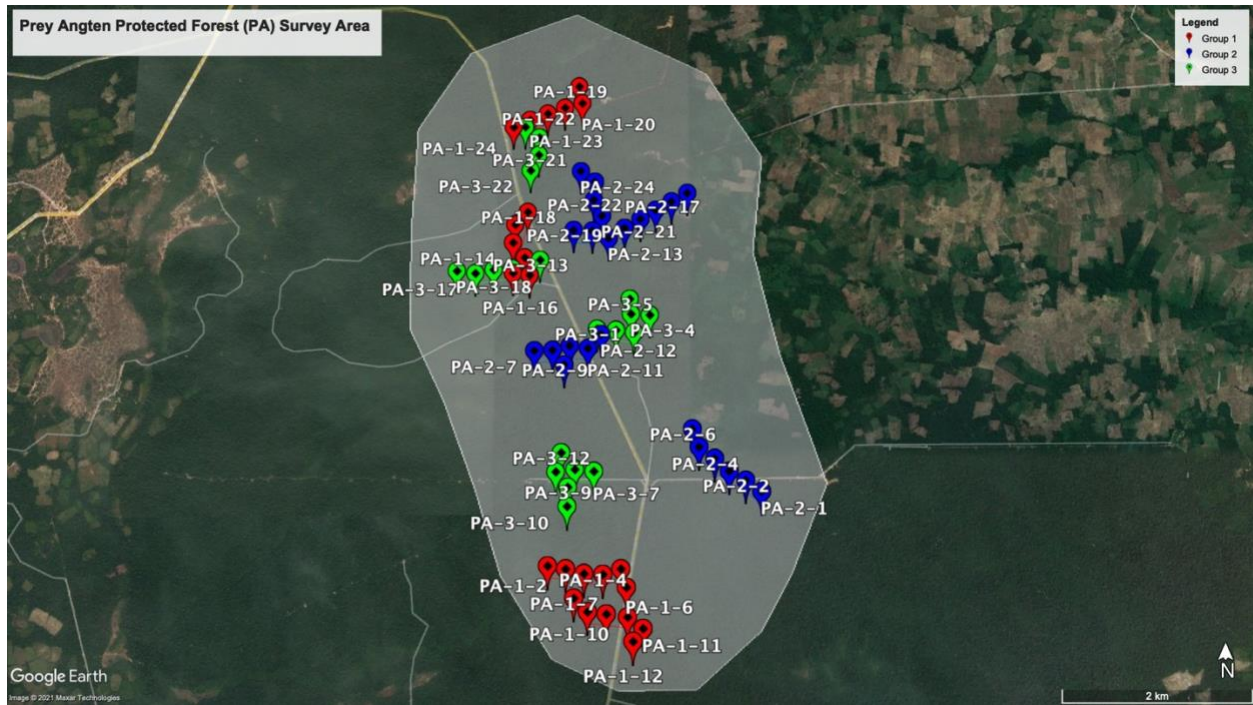


The map below shows the specific area SVC has been contracted to survey for birdlife.



Maps of Site Areas Surveyed by Sam Veasna Conservastion Tours Ltd.





Results

Detailed results can be accessed via Google Drive links at the bottom of this document. The results can be segmented into three key areas within the Tumring REDD+ site:

- 1) Odasco Protected Forest (ODS)
- 2) Hong Chamatet Protected Forest (HCT)
- 3) Prey Angten Protected Forest (PA)

Survey Point Key

[Site]-[Group Number]-[Point Number]

ODS-1-4 equals Odasco Protected Forest - Group 1 – Survey Point 4

Groups are color coordinated into the following:

Group 1: Red

Group 2: Blue

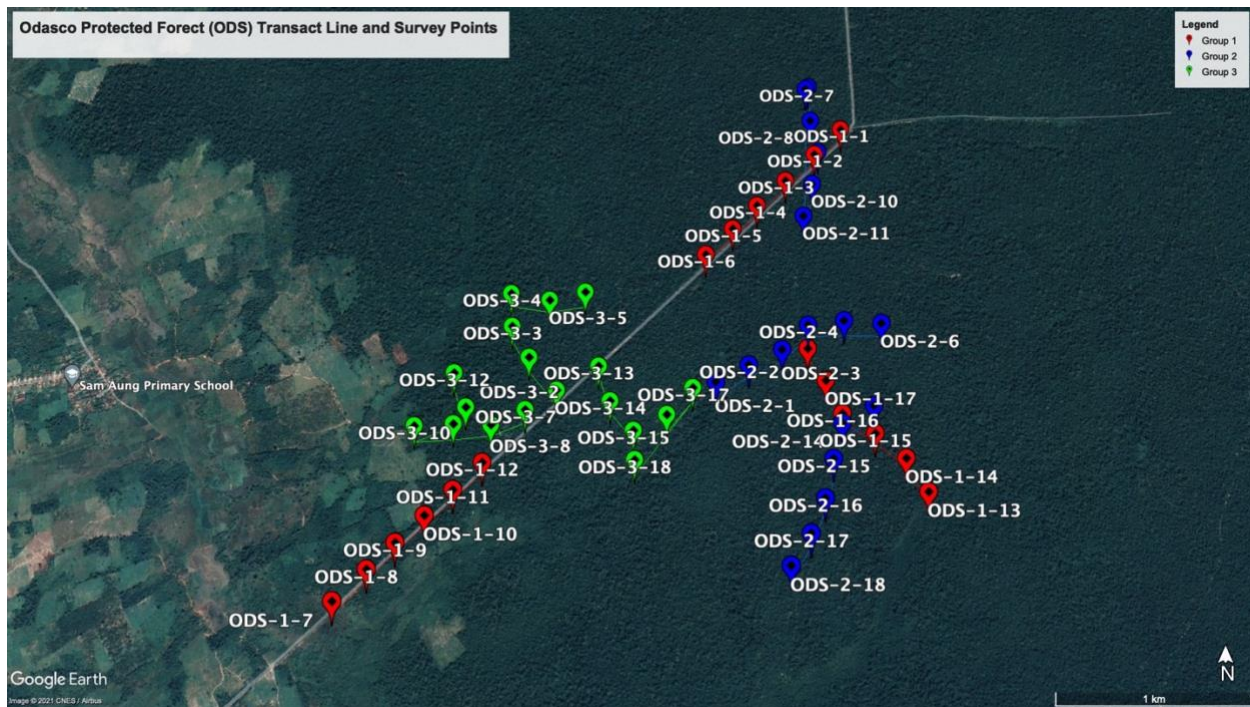
Group 3: Green

Odasco Protected Forest Results

For detailed results, please see Annex 1.

Odasco Protected Forest (ODS) Summary Table										
Group	Date	AM/PM	Weather Conditions	Starting Time	Starting Point	Ending Time	End Point	Total No. of Birds Recorded	No. of Unique Species Recorded	Species on IUCN Red List
1	18/10/21	AM	Overcast	6:00	ODS-1-1	8:40	ODS-1-6	120	48	Great Slaty Woodpecker (V)
1	18/10/21	PM	Sunny	14:30	ODS-1-7	16:30	ODS-1-12	168		
1	19/10/21	AM	Overcast	6:16	ODS-1-13	8:48	ODS-1-18	55		
2	18/10/21	AM	Overcast	6:00	ODS-2-1	8:11	ODS-2-6	65	43	Great Slaty Woodpecker (V)
2	18/10/21	PM	Sunny	14:30	ODS-2-7	16:42	ODS-2-12	80		
2	19/10/21	AM	Overcaast	6:00	ODS-2-13	8:06	ODS-2-18	84		
3	18/10/21	AM	Overcast	6:00	ODS-3-1	7:45	ODS-3-6	84	37	Great Slaty Woodpecker (V)
3	18/10/21	PM	Sunny	14:30	ODS-3-7	16:28	ODS-3-12	41		
3	19/10/21	AM	Overcaast	6:00	ODS-3-13	8:13	ODS-3-18	66		
							TOTAL	763		

Odasco Protected Forest (ODS) Transact Lines and Survey Points Map:

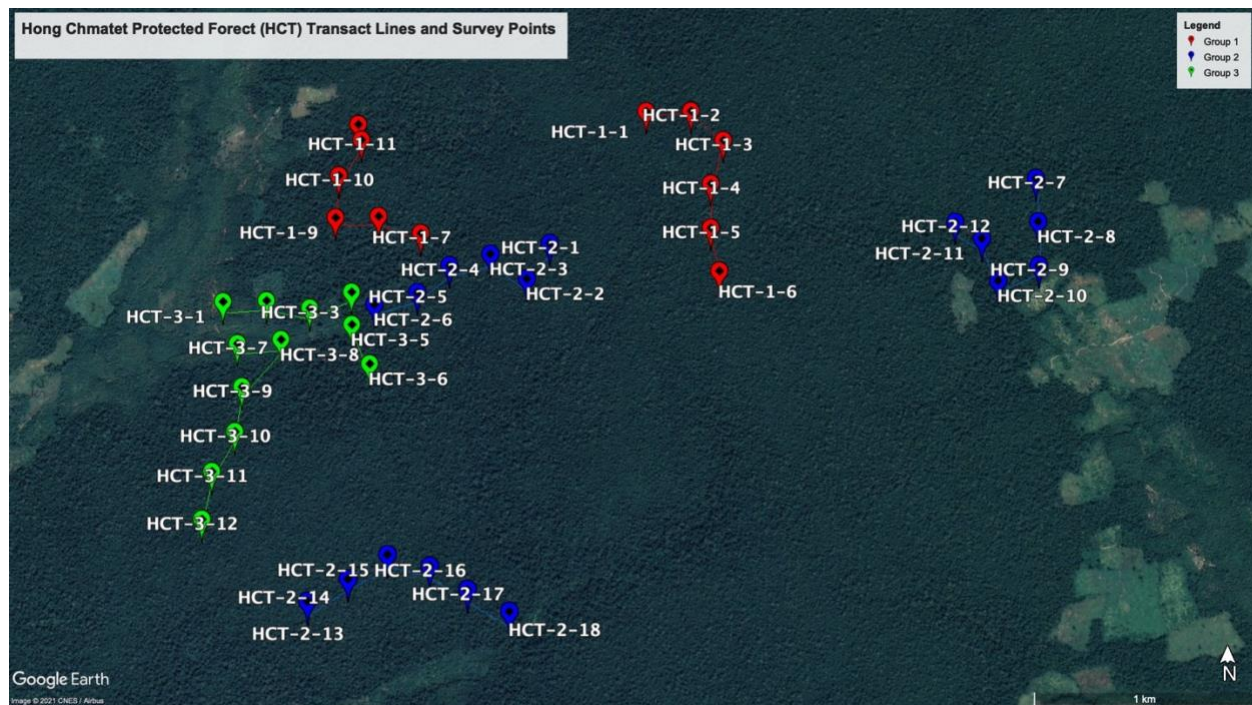


Hong Chamatet Protected Forest Results

For detailed results, view Annex 2.

Hong Chamatet Protected Forest (HCT) Summary Table										
Group	Date	AM/PM	Weather Conditions	Starting Time	Starting Point	Ending Time	End Point	Total No. of Birds Recorded	No. of Unique Species Recorded	Species on IUCN Red List
1	20/10/21	AM	Sunny	6:02	HCT-1-1	8:49	HCT-1-6	54	36	Great Slaty Woodpecker (V)
1	20/10/21	PM	Sunny	14:30	HCT-1-7	17:17	HCT-1-12	108		
2	20/10/21	AM	Sunny	6:00	HCT-2-1	8:40	HCT-2-6	94	47	
2	20/10/21	PM	Sunny	14:30	HCT-2-7	16:38	HCT-2-12	95		
2	21/10/21	AM	Overcast	6:00	HCT-2-13	8:05	HCT-2-18	85		
3	20/10/21	AM	Sunny	5:45	HCT-3-1	8:54	HCT-3-6	74	36	Great Slaty Woodpecker (V), Red-breasted Parakeet (NT)
3	20/10/21	PM	Sunny	14:00	HCT-3-7	16:14	HCT-3-12	44		
							TOTAL	554		

Hong Chamatet Protected Forest (HCT) Transact Lines and Survey Points Map:

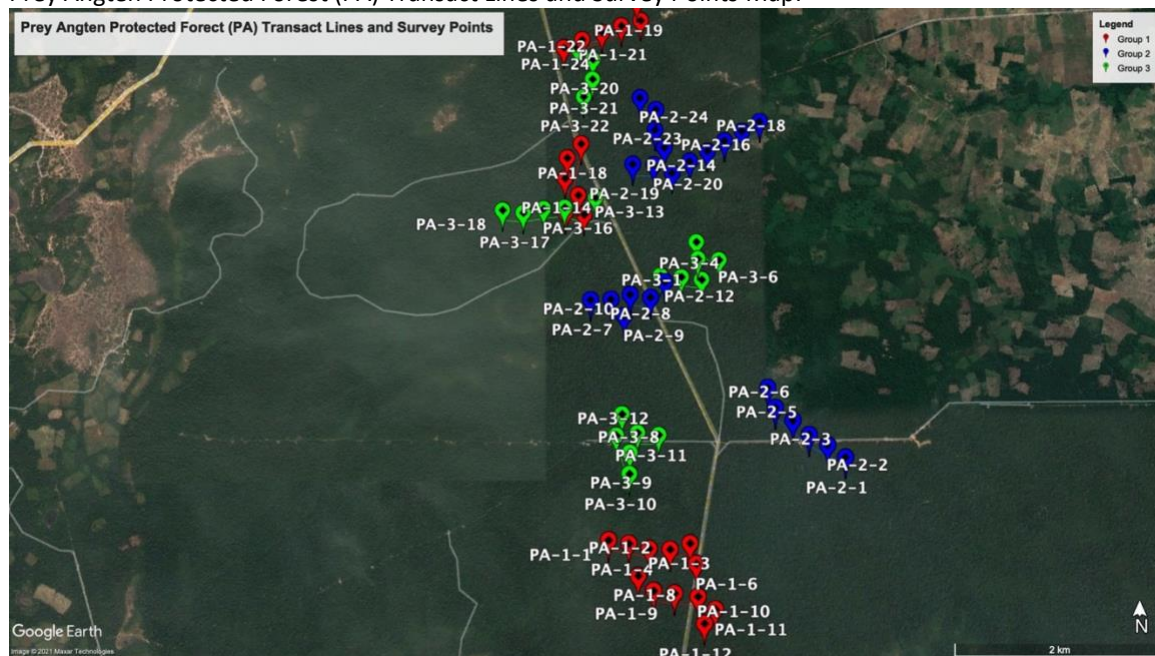


Prey Angten Protected Forest Results

For detailed results, view Annex 3.

Prey Angten Protected Forest (PA) Summary Table										
Group	Date	AM/PM	Weather Conditions	Starting Time	Starting Point	Ending Time	End Point	Total No. of Birds Recorded	No. of Unique Species Recorded	Species on IUCN Red List
1	22/10/21	AM	Overcast	6:20	PA-1-1	8:32	PA-1-6	108	57	Great Hornbill (V)
1	22/10/21	PM	Sunny	14:30	PA-1-7	16:21	PA-1-12	114		
1	23/10/21	AM	Overcast	6:00	PA-1-13	8:55	PA-1-18	79		
1	24/10/21	AM	Sunny	6:00	PA-1-19	8:05	PA-1-24	112		
2	22/10/21	AM	Overcast	6:00	PA-2-1	8:05	PA-2-6	84	70	Ashy-headed Green Pigeon (NT)
2	22/10/21	PM	Sunny	14:30	PA-2-7	16:25	PA-2-12	108		
2	23/10/21	AM	Overcast	5:50	PA-2-13	7:45	PA-2-18	94		
2	24/10/21	AM	Sunny	5:55	PA-2-19	8:04	PA-2-24	109		
3	22/10/21	AM	Overcast	5:55	PA-3-1	8:25	PA-3-6	106	49	Great Slaty Woodpecker (V)
3	22/10/21	PM	Sunny	14:00	PA-3-7	16:34	PA-3-12	90		
3	23/10/21	AM	Overcast	5:55	PA-3-13	9:02	PA-3-18	82		
3	24/10/21	AM	Sunny	14:00	PA-3-19	15:41	PA-3-22	15		
TOTAL								1101		

Prey Angten Protected Forest (PA) Transact Lines and Survey Points Map:



Google Drive Data

All detailed results and recordings can be accessed in the Google Drive links below:

Data File: <https://drive.google.com/drive/folders/1oLgijAUkcqRhSFz2gQ74NSuyEYAaDWdq?usp=sharing>

Maps:

https://drive.google.com/drive/folders/1G819_Csh30hwzhsK_JifevtP_S-xq3pp?usp=sharing

Group 1 Survey Data:

<https://drive.google.com/drive/folders/1zREoyUWMzizcG9zJtZQCC7bUMBtv9WAN?usp=sharing>

Group 2 Survey Data:

<https://drive.google.com/drive/folders/1qZrtxiEjqzTaAUHXG5QT9HU4ptpmLBOt?usp=sharing>

Group 3 Survey Data:

<https://drive.google.com/drive/folders/1orge4gt4TWDM31Op5K3Cyo14QTnV4l6M?usp=sharing>

Photos and Video:

https://drive.google.com/drive/folders/1Jeia71DCJ4VNm3WK2ottl3_CJ0xFPvnV?usp=sharing

Consolidated Bird Lists

This list highlights all the birds that were found during our survey including the IUCN Red List Classification.

NUMBER	GROUP	COMMON NAME	KHMER NAME	SCIENTIFIC NAME	IUCN RED LIST CLASSIFICATION
1	Phasianidae: Francolins, Partridges, Quails, Pheasants, Junglefowl and Peafowl	Scaly-breasted Partridge	ទទាជើងបៃតង ឬ ក្រអូងក្រយ៉ាង	<i>Arborophila chloropus</i>	Least Concern (LC)
2		Red Junglefowl	មាន់វៃក្រ	<i>Gallus gallus</i>	Least Concern (LC)
3		Siamese Fireback	ស្តោចក្បូរើត	<i>Lophura diardi</i>	Least Concern (LC)
4	Ardeidae: Bitterns, Herons and Egrets	Malasyian Night-heron	ក្រសារតូចសំបកទំពាំង	<i>Gorsachius melanolophus</i>	Least Concern (LC)
5		Chinese Pond-Heron	កុកក្រកក្បូលស្នាតចាស់	<i>Ardeola bacchus</i>	Least Concern (LC)
6		Grey Heron	ក្រសារប្រផេះ	<i>Ardeo cinerea</i>	Least Concern (LC)
7		Intermediate Egret	កុកអ្នកាងមធ្យម	<i>Mesophoyx intermedia</i>	Least Concern (LC)
8		Little Egret	កុកអ្នកាងតូច	<i>Egretta garzetta</i>	Least Concern (LC)
9	Accipitridae: Hawks, Eagles, Vultures, Harriers, Kites, Buzzards	Black Baza	ស្នាំងកំរោងម្លៅស	<i>Aviceda leuphotes</i>	Least Concern (LC)
10		Oriental Honey-buzzard	អាកប្បឿ	<i>Pernis ptilorhynchus</i>	Least Concern (LC)
11		Black-shouldered Kite	ស្នាំងលលក	<i>Elanus caeruleus</i>	Least Concern (LC)
12		Crested Serpant-Eagle	អកពស្បែក	<i>Spilornis cheela</i>	Least Concern (LC)
13		Creasted Goshawk	ស្នាំងស្នាបណែកកំរោង	<i>Accipiter trivirgatus</i>	Least Concern (LC)
14		Shikra	ស្នាំងស្នាបណែក	<i>Accipiter badius</i>	Least Concern (LC)
15		Besra	ស្នាំងស្នាបណែកវៃក្រ	<i>Accipiter virgatus</i>	Least Concern (LC)
16		Glareolidae: Pratincoles	Oriental Pratincole	ទ្រឡឹតធំ	<i>Glareola maldivarum</i>
17	Columbidae: Pigeons and Doves	Spotted Dove	លលកឆាយ	<i>Streptopelia chinensis</i>	Least Concern (LC)
18		Zebra Dove	លលកតូច	<i>Geopelia striata</i>	Least Concern (LC)
19		Ashy-headed Green-Pigeon	ពពួលក្បាលប្រផេះ	<i>Treron phayrei</i>	Near Threatened (NT)
20		Thick-billed Green-pigeon	កំប្បក ឬ ពពួលចំពុះធំ	<i>Treron curvirostra</i>	Least Concern (LC)
21		Green Imperial-pigeon	ព្រាយវៃក្រ	<i>Ducula aenea</i>	Least Concern (LC)
22	Psittacidae: Parrots & Parakeets	Vernal Hanging-Parrot	សេកក្រឹត	<i>Loriculus vernalis</i>	Least Concern (LC)
23		Red-breasted Parakeet	សេកសក ឬ សេកយី	<i>Psittacula alexandri</i>	Near Threatened (NT)
24	Cuculidae: Cuckoos, Malkohas & Coucals	Large Hawk-Cuckoo	តាដាវៃក្រធំ	<i>Hierococcyx sparveriioides</i>	Least Concern (LC)
25		Banded Bay Cuckoo	តាដាខ្លួនអង្គទំនៀត	<i>Sacomantis sonneratii</i>	Least Concern (LC)
26		Asian Emerald Cuckoo	តាដាបៃតងចាស់	<i>Chrysococcyx maculatus</i>	Least Concern (LC)
27		Square-taield Drongo Cuckoo	តាដាឆ្មៅក្បាលណែក	<i>Surniculus lugubris</i>	Least Concern (LC)
28		Green-billed Malkoha	កុកកាតូ	<i>Phaenicophaeus tristis</i>	Least Concern (LC)

29		Greater Coucal	ល្អិតធំ	<i>Centropus sinensis</i>	Least Concern (LC)
30	Strigidae: Typical Owls	Brown Wood-Owl	រង្សីម្នីតូច	<i>Strix leptogrammica</i>	Least Concern (LC)
31		Collared Owlet	រង្សីម្នីក្រហម	<i>Glaucidium brodiei</i>	Least Concern (LC)
32		Asian Barred Owlet	រង្សីម្នីតូចប្រ	<i>Glaucidium cuculoides</i>	Least Concern (LC)
33	Podargidae: Frogmouths	Blyth's Frogmouth	ឆ្កែក្រហមក្បាល	<i>Batrachostomus affinis</i>	Least Concern (LC)
34	Apodidae: Swifts	Germain's Swiftlet	ត្រង្គៀកកំភ្លុច	<i>Aerodramus germani</i>	Least Concern (LC)
35		Brown-backed Needletail	ត្រង្គៀកកំភ្លុចតូច	<i>Hirundapus giganteus</i>	Least Concern (LC)
36		Asian Palm-Swift	ត្រង្គៀកកំភ្លុចម្នាត	<i>Cypsiurus balasensis</i>	Least Concern (LC)
37	Hemiprocnidae: Treeswifts	Crested Treeswift	ត្រង្គៀកកំភ្លុច	<i>Hemiprocne coronata</i>	Least Concern (LC)
38	Trogonidae: Trogons	Orange-breasted Trogon	ចាបរង្សីប្រដាប់ ឬ កង្កែបតូចប្រដាប់	<i>Harpactes oreskios</i>	Least Concern (LC)
39	Coraciidae: Rollers	Dollarbird	រង្សីក្រហម	<i>Eurystomus orientalis</i>	Least Concern (LC)
40	Alcedinidae: Kingfishers	Banded Kingfisher	កង្កែបក្រហម	<i>Lacedo pulchella</i>	Least Concern (LC)
41	Meropidae: Bee-eaters	Blue-bearded Bee-eater	ត្រង្គៀកកំភ្លុច	<i>Nyctornis athertoni</i>	Least Concern (LC)
42	Bucerotidae: Hornbills	Oriental Pied-Hornbill	កង្កែបកង្កែប	<i>Anthracoceros albirostris</i>	Least Concern (LC)
43		Great Hornbill	កង្កែបកង្កែប	<i>Buceros bicornis</i>	Vulnerable (VU)
44	Megalaimidae: Barbets	Green-eared Barbet	រង្សីកង្កែបក្រហម	<i>Psilopogon faiostrictus</i>	Least Concern (LC)
45		Blue-eared Barbet	រង្សីកង្កែបក្រហម	<i>Psilopogon duvauceli</i>	Least Concern (LC)
46	Picidae: Wrynecks, Piculets and Typical Woodpeckers	Rufous Woodpecker	ត្រង្គៀកកំភ្លុច	<i>Micropternus brachyurus</i>	Least Concern (LC)
47		White-bellied Woodpecker	ត្រង្គៀកកំភ្លុច	<i>Dryocopus javensis</i>	Least Concern (LC)
48		Greater Yellownape	ត្រង្គៀកកំភ្លុចក្រហម	<i>Picus flavinucha</i>	Least Concern (LC)
49		Lesser Yellownape	ត្រង្គៀកកំភ្លុចតូច	<i>Picus chlorolophus</i>	Least Concern (LC)
50		Laced Woodpecker	ត្រង្គៀកកំភ្លុចក្រហម	<i>Picus vittatus</i>	Least Concern (LC)
51		Common Flameback	ត្រង្គៀកកំភ្លុច	<i>Dinopium javanense</i>	Least Concern (LC)
52		Greater Flameback	ត្រង្គៀកកំភ្លុច	<i>Chrysocolaptes guttacristatus</i>	Least Concern (LC)
53		Heart-spotted Woodpecker	ត្រង្គៀកកំភ្លុច	<i>Hemicircus conente</i>	Least Concern (LC)
54		Great Slaty Woodpecker	ត្រង្គៀកកំភ្លុច	<i>Mulleripicus pulverulentus</i>	Vulnerable (VU)
55	Eurylaimidae: Broadbills	Dusky Broadbill	សត្វចំរុះក្រហម	<i>Corydon sumatranus</i>	Least Concern (LC)
56		Banded Broadbill	សត្វចំរុះក្រហម	<i>Eurylaimus javanicus</i>	Least Concern (LC)
57	Pittidae: Pittas	Blue-winged Pitta	ប៉ាតាភ្លើងស្នាម	<i>Pitta moluccensis</i>	Least Concern (LC)
58	Vireonidae: Shrike-babblers and White-bellied Erponis	White-bellied Erponis	ចាបរង្សីក្រហម	<i>Erpornis zantholeuca</i>	Least Concern (LC)
59	Campephagidae: Cuckooshrikes and Minivets	Large Cuckooshrike	អល់វិលកង្កែប	<i>Coracina macei</i>	Least Concern (LC)
60		Black-winged Cuckooshrike	អល់វិលក្រហម	<i>Lalage melaschistos</i>	Least Concern (LC)

61		Ashy Minivet	មេកង្កែបស្លឹក	<i>Pericrocotus divaricatus</i>	Least Concern (LC)
62		Scarlet Minivet	មេកង្កែបស្លឹក	<i>Pericrocotus speciosus</i>	Least Concern (LC)
63	Pachycephalidae: Whistlers	Mangrove Whistler	តាបស្បែកសមុទ្រ	<i>Pachycephala cinerea</i>	Least Concern (LC)
64	Oriolidae: Orioles	Black-napped Orioles	មេកង្កែបក្រហម	<i>Oriolus chinensis</i>	Least Concern (LC)
65	Genera Incertae Sedis: Woodshrikes and Flycatcher-shrikes	Bar-winged Flycatcher-shrike	អល់វីកង្កែបឆ្នុក	<i>Hemipus picatus</i>	Least Concern (LC)
66	Aegithinidae: Ioras	Great Iora	ស្លឹកទេវតា	<i>Aegithina lafresnayei</i>	Least Concern (LC)
67	Dicruridae: Drongos	Ashy Drongo	អង្ករប្រផេះ	<i>Dicrurus leucophaeus</i>	Least Concern (LC)
68		Bronzed Drongo	អង្ករប្រផេះ	<i>Dicrurus aeneus</i>	Least Concern (LC)
69		Greater Racket-tailed Drongo	អង្ករបង្កាបក្រវែង	<i>Dicrurus paradiseus</i>	Least Concern (LC)
70		Hair-crested Drongo	អង្ករបក់រំយោល	<i>Dicrurus hottentottus</i>	Least Concern (LC)
71	Monarchidae: Monarchs and Paradise-flycatchers	Black-naped Monarch	តាបស្បែកខ្មៅ	<i>Hypothymis azurea</i>	Least Concern (LC)
72	Nectariniidae: Sunbirds and Spiderhunters	Purple Sunbird	តាបកង្កែបស្លឹក	<i>Cinnyris asiaticus</i>	Least Concern (LC)
73		Olive-backed Sunbird	តាបកង្កែប	<i>Cinnyris jugularis</i>	Least Concern (LC)
74		Crimson Sunbird	តាបកង្កែបក្រហម	<i>Aethopyga siparaja</i>	Least Concern (LC)
75		Ruby-cheeked Sunbird	តាបកង្កែបក្រហម	<i>Chalcoparia singalensis</i>	Least Concern (LC)
76	Dicaeidae: Flowerpeckers	Scarlet-backed Flowerpecker	តាបកង្កែបក្រហម	<i>Dicaeum cruentatum</i>	Least Concern (LC)
77	Chloropseidae: Leafbirds	Blue-winged Leafbird	មេកង្កែបស្លឹក	<i>Chloropsis cochinchinensis</i>	Least Concern (LC)
78		Golden-fronted Leafbird	មេកង្កែបស្លឹក	<i>Chloropsis aurifrons</i>	Least Concern (LC)
79	Irenidae: Fairy-bluebirds	Asian Fairy-bluebird	មេកង្កែប	<i>Irena puella</i>	Least Concern (LC)
80	Estrildidae: Avadavat, Munias and Parrotfinch	White-rumped Munia	តាបកង្កែបស្លឹក	<i>Lonchura striata</i>	Least Concern (LC)
81	Sittidae: Nuthatches	Velvet-fronted Nuthatch	ក្រព្រះត្រពាំង	<i>Sitta frontalis</i>	Least Concern (LC)
82	Sturnidae: Starlings and Mynas	Common Hill Myna	សាវ័កក្រហម	<i>Gracula religiosa</i>	Least Concern (LC)
83	Muscicapidae: Flycatchers, Rock-thrushes, Chats and Forktails	Siberian Blue Robin	ល្អិតក្រហម	<i>Larvivora cyane</i>	Least Concern (LC)
84		Hainan Blue-Flycatcher	តាបស្បែកស្លឹក	<i>Cyornis hainanus</i>	Least Concern (LC)
85		Taiga Flycatcher	តាបស្បែកស្លឹក	<i>Ficedula albicilla</i>	Least Concern (LC)
86		Asian Brown Flycatcher	តាបស្បែក	<i>Muscicapa latirostris</i>	Least Concern (LC)
87	Stenostiridae: Canary-flycatchers	Grey-headed Canary-Flycatcher	តាបស្បែកស្លឹក	<i>Culicicapa ceylonensis</i>	Least Concern (LC)
88	Pycnonotidae: Bulbuls	Black-headed Bulbul	តាបកង្កែប	<i>Pycnonotus atriceps</i>	Least Concern (LC)
89		Black-crested Bulbul	តាបកង្កែប	<i>Pycnonotus flaviventris</i>	Least Concern (LC)
90		Stripe-throated Bulbul	តាបកង្កែប	<i>Pycnonotus finlaysoni</i>	Least Concern (LC)
91		Puff-throated Bulbul	តាបកង្កែប	<i>Alophoixus pallidus</i>	Least Concern (LC)

92		Ochraceous Bulbul	ធាតុចក់រមាំង	<i>Alophoixus ochraceus</i>	Least Concern (LC)
93	Hirundinidae: Martins and Swallows	Barn Swallow	ត្រង្គៀកកាំ	<i>Hirundo rustica</i>	Least Concern (LC)
94		Pacific Swallow	ត្រង្គៀកកាំស្មៅសមុទ្រ	<i>Hirundo tahitica</i>	Least Concern (LC)
95	Phylloscopidae: Seicercus and Phylloscopus warblers	Pale-legged Leaf Warbler	ឆាយស្លឹកដើមត្រៃលែត	<i>Phylloscopus tenellipes</i>	Least Concern (LC)
96		Two-barred Warbler	ឆាយស្លឹកឆ្នុតស្រាយពីរ	<i>Phylloscopus plumbeitarsus</i>	Least Concern (LC)
97		Yellow-browed Warbler	ឆាយស្លឹកចំណីមេរៀង	<i>Phylloscopus inornatus</i>	Least Concern (LC)
98	Timaliidae: Yuhinias, Babblers, Fulvetas, Laughingthrushes, Minla, Mesia, Parrotbills, Wren-babbler	Pin-striped Tit-Babbler	ឆាយប្រូតូចង្កៀងឆ្នុត	<i>Mixornis gularis</i>	Least Concern (LC)
99		Puff-throated Babbler	ឆាយប្រូតូចង្កៀងរមាំង	<i>Pellorneum ruficeps</i>	Least Concern (LC)
100		Scaly-crowned Babbler	ឆាយប្រូតូចង្កៀងស្រាយ	<i>Malacopteron cinereum</i>	Least Concern (LC)
101		Abbott's Babbler	ឆាយប្រូតូចង្កៀង	<i>Malacocincla abbotti</i>	Least Concern (LC)
102		White-crested Laughingtrush	ឆាយក្រវាត់	<i>Garrulax leucolophus</i>	Least Concern (LC)
103	Cisticolidae: Cisticolas, tailorbirds and prinias	Dark-necked Tailorbird	ឆាយក្រវាត់ប្រូតូ	<i>Orthotomus atrogularis</i>	Least Concern (LC)

Survey Leader Diary

Diary was written by survey team leader, Mardy Sean.

Day 1: 17th October 2021

We all heading to Odasco Community Rest-House in the center of Odasco Protected Forest. We discussed with the local community where we can go for survey and we checked some trails which possible for more than 1km transect survey. We split into three teams:

Group 1: Mardy Sean and Ladong Nan

Group 2: Hat Huon and Hang Oeung

Group 3: Mony Sang & Bunse

Each team was assigned to survey different parts of the forest along with some existing trails. We organized to spend two nights camping in the forest and one and half day bird survey as the forest is not too big. We are also do night walk to see some nocturnal bird species for both nights and we got something special such as the Blyth's Frogmouth *Batrachostomus affinis*, and also Brown Wood Owl *Strix leptogrammica*.

Day 2: 18th October 2021

All three teams completed a full day survey in Odasco Protected Forest. We started our morning surveys at 6AM and afternoon surveys at 2/2: according to the weather and the distance of each survey areas. All the teams did a 1KM transect line along the paths and old paths in the community protected forest. We chose the first spot and stayed 15 minutes to count all the birds we seen and heard then continued to the next spot after 200m. In between the first spot we recorded all the birds we saw and flew by or heard.

We did the whole day survey for 3 teams (with GPS recorded and bird checklist)

Day 3: 19th October 2021

Morning: All team do a whole morning survey. Then met up with the guys from MAFF and discussing about the next plans for logistic and the next accommodation. We traveled in the car with Project Owner for site checking and meeting with some community members on route. After discussion, we all departure to the village and we will go on by walking tractor as the vehicle cannot access to the Community Base Camp which is located about 4-5km from the village to Hong Chamtet community forest.

We arrived late afternoon to the Base Camp where we had a discussion with three young members of the Hong Chamtet Community that came with us about the area but they seemed to not really know the areas well but we all managed to do survey in the area by ourselves.

After arriving the all the team prepared for staying and checking survey spot next morning.

We all split into three teams as did in the first spot and we also planned to spend two nights camping in Hong Chmatet Protected Forest and do one and a half day's bird survey.

Day 4: 20th October 2021

We all do full day bird survey in the area, three teams split up and went to each location.

Team 1: (Mardy and Ladong)

This morning, we went further from the based camp and moved to the deep forest, no local community with us (we took the bike and only Ladong and I driving the bike to the survey point). Most part of the forests are semi-evergreen forest, nice place, but sadly we could not go further beyond the big forest due to the absent of the

community. In the afternoon, we chose the different locations and we followed the same methodology we planned to do night walk but not possible as raining.

Team 2: (Mr. Hang and Hat)

Morning: We started early morning with a motorbike to find some possibility trail, this area looking good with semi-evergreen and hard to walk through because we did not get any information from community means unclear information trail in the forest, so we need to research the trail by ourself for our survey. We did spend a lot of time to find a long trail to walk and observe for birds around that area. So, we choose for first trail which not possible to walk for 1km mark UTM then turned back to the main trail and spotting birds along the way till we finished our 1km length with every 200m for 15mn. Then backed to the base camp to prepare our lunch and discuss with our team again to find a good solution for our working survey.

Afternoon: We took one bike only that leave driver at Based Camp, we go to further trail that located close the site bordering to Greening Prey Lang to complete afternoon survey for 1 km, I love the currently view of the forest at that time because we saw many tall trees and many birds calling and jumping around. Returned back to the camp a bit late because the trail is not easy to driver, big pond on the main trail, deep water and muddy.

Day 5: 21st October 2021

We all only do a morning bird survey, mainly we do the spot count, but Team 2 have one new trail and they had done the 1KM transect line survey, then everyone come for early lunch, after lunch we all head off to the last survey spot called Prey Angten. We all need to catch up with the Forestry Administration substation in O'Kampob Ombel and discussed our plan. After discussion with FA guy and arranged to get three motorbikes for our survey activities as this area is big and need to use motorbike to do survey. Around 4PM, we left from the small town (FA substation) and drove to Prey Angten forest and then we drove around and try to find out the next day survey areas. We all decided to camp in the forest about 8km from this FA substation called Veal Bosbov. We spent 3 nights camping in this survey areas.

Day 6: 22nd October 2021

Team 1: (Mardy and Ladong)

Morning: We went to our area and do 1KM transect line (Poor forest, most of the trees were cleared by loggers).

Afternoon: We spent the whole afternoon for the same 1KM transect line

Team 2: (Hang and Hat)

Morning: We started our survey point right behind the camp spot for full walking for 1km, this spot is easy for a walk along Goyun Trail and part of forest has been cleared for farming, Mr. Hang works on field paper work note down all heard and seen species and UTM record as per methodology, Mr. Hat pay attention on listening and finding bird around/along the trail.

Afternoon: We started as normal day but this time we went with two motorbikes to reach our trail for survey spot before 14:00pm, we find another Goyun trail on the other side of main dirt road and then we did a full afternoon 1km walking until the end, Mr. Hang keeping data and bird record and Hat walks with birding gears along with looking for birds around.

Team 3: Follow the same methodology

Day 7: 23rd October 2021

Team 1: (Mardy and Ladong)

In the morning, we did the same methodology. The areas were quite wet, and most parts of the forest were clear. The trails were very short (no one from the area known the forest well, the local people just shown us the trail to go inside, but as mentioned most of the trails are very short). In the afternoon, we nearly started our survey, but we had a very big rain, the rain took really long, and we could done a few spots only this afternoon.

Team 2: (Hat and Hang)

Morning: We spent full survey activity and make full record on TUM and data bird species note down until the end of the morning work and then return to base camp for lunch.

Afternoon: We did drive motorbike again to another different spot, and start the survey, but this terrible noon greeting us with heavily rain for around two hours, so we could not complete our survey.

Team 3: (Mony and Bunse)

Morning survey.

There's rain on the 23rd of Oct 2021 late afternoon when we start our survey and was end up before time.

Day 8: 24th October 2021

Team 1: (Mardy and Ladong)

We saw so many birds along our last transect line this morning. In the afternoon, we chose the different location and do the spot count for 30mn then we head back to Siem Reap the same day after we finished our spot count.

Team 2: (Hat and Hang)

Morning: We went back to the same spot that we were missed our survey because of rain, we completed our survey at the same trail with full data and species records until ending for 1km walk. Return to base camp for lunch.

Afternoon: We prepared all our stuff put in the car, then started full Spot Count Survey for 30minutes when our observation completed, we left straight to Siem Reap province- ending of TumRing Bird Survey.

Team 3: (Mony and Bunse)

We only do a morning spot check as we have no more trails to do beside those trails that we done. We off the site at about 3:30PM and head back to Siem Reap.

NOTE:

Odasco and Hong Chamtet Protected Forests are Semi Evergreen Forest habitats with less disturbance from people, but some parts are secondary Semi Evergreen Forest and secondary forests. Prey Angten is completely secondary growth or secondary forest, most of the areas have been deforestation and clearance for farming. All big trees are gone.

ANNEX 1. Detailed Survey Recorded from Odasco Protected Forest (ODS)

Group 1 Results

Spot Number	Species Name	Number	Observation Type	Comment
ODS1-1	Great Slaty Woodpecker	2	Seen	Flying over
	Greater Yellownape	1	H	Flying over
	Abbott's Babbler	1	H	
	Siberian Blue Robin	1	H	
	Dark-necked Tailorbird	1	H	
	Blyth's Paradise-flycatcher	1	H	
	Black-naped Oriole	2	Seen	Flying over
	Hainan Blue Flycatcher	4	1 Seen/ 3 H	Feeding on tree branch
	Germain's swiftlet	20	Seen	Flying in sky
	Black-naped Monarch	1	H	
	Puff-throated Bulbul	2	H	
	Pale-legged Leaf-warbler	1	H	
	White-crested Laughingthrush	4	H	
	Lineated Barbet	1	H	
	Ashy Drongo	2	Seen	Flying over
ODS1-2	Hair-crested Drongo	1	H	
	Black-crested Bulbul	1	Seen	Feeding on tree branch
	Germain's swiftlet	20	Seen	Flying in sky
	Greater Yellownape	1	Seen	Feeding on tree branch
	Great Slaty Woodpecker	1	H	
ODS1-3	Stripe-throated Bulbul	2	Seen	Flying over
	Oriental Pied Hornbill	2	H	
	Dark-necked Tailorbird	1	H	
	Germain's swiftlet	10	Seen	Flying over
	White-rumped Shama	1	H	
	Hainan Blue Flycatcher	1	H	
	Siberian Blue Robin	1	H	
ODS1-4	Spotted Dove	2	1Seen/ 1H	Perching on tree
	Hainan Blue Flycatcher	1	H	
	Abbott's Babbler	1	H	
	Pin-striped Tit Babbler	1	Seen	
	Stripe-throated Bulbul	1	H	
	Pale-legged Leaf-warbler	1	H	
ODS1-5	Germain's swiftlet	5	Seen	Feeding on tree branch
	Dark-necked Tailorbird	1	H	
	Abbott's Babbler	1	H	
	Stripe-throated Bulbul	1	H	
	Siberian Blue Robin	1	H	
ODS1-6	Hainan Blue Flycatcher	2	1Seen/ 1H	Feeding on tree branch
	Spotted Dove	1	H	
	Dark-necked Tailorbird	1	H	
	Grey-eyed Bulbul	2	H	
	Black-naped Monarch	2	Seen	Feeding on tree (Male)
	Heart-spotted Woodpecker	2	Seen	Calling in fly
	Asian Fairy-bluebird	2	Seen	Feeding on tree
	Green-eared Barbet	6	Seen	Feeding on fruit tree
ODS1-7	White-crested Laughingthrush	3	Seen	Perching on tree
	Indian Roller	2	Seen	Perching on tree

	White-bellied Woodpecker	2	Seen	Perching on tree
	Little Egret	1	Seen	Perching on tree
	Black-winged Kite	1	Seen	Perching on tree
	Pond-heron ?	1	Seen	Feeding on ground
	Black-crested Bulbul	4	Seen	
	Large Hawk-Cuckoo	1	H	
	Puff-throated Bulbul	3	Seen	Feeding
	Pin-striped Tit Babbler	2	Seen	
	Oriental Pratincole	70	Seen	Flying on sky
	Dark-necked Tailorbird	1	Seen	Feeding on tree branch
	Spotted Dove	1	H	
	Intermediate Egret	1	Seen	Feeding on ground
ODS1-8	Black-naped Monarch	1	H	
	Olive-backed Sunbird	1	Seen	Feeding (Male)
	Ashy Drongo	2	H	
	Black-crested Bulbul	1	Seen	Jumping on tree
	Germain's swiftlet	2	Seen	Flying on sky
	Great Slaty Woodpecker	2	H	
	Pin-striped Tit Babbler	1	H	
	Pale-legged Leaf-warbler	1	H	
	Spotted Dove	1	Seen	Perching on tree
	Vernal Hanging Parrot	1	H	
ODS1-9	Hainan Blue Flycatcher	1	Seen	Perching on tree
	Oriental Pratincole	2	Seen	Flying on sky
	Siberian Blue Robin	1	H	
	Germain's swiftlet	10	Seen	
	Two-barred Warbler	1	H	
	Pale-legged Leaf-warbler	1	H	
	Dark-necked Tailorbird	2	Seen	
	Spotted Dove	1	H	
	Grey-eyed Bulbul	1	H	
	White-rumped Shama	1	H	
ODS1-10	Siberian Blue Robin	1	H	
	Pale-legged Leaf-warbler	1	H	
	Spotted Dove	1	H	
	Black-crested Bulbul	1	Seen	Flying over
	Hainan Blue Flycatcher	1	Seen	Perching on tree branch
	Dark-necked Tailorbird	1	Seen	Jumping on tree
	White-rumped Shama	1	H	
	White-crested Laughingthrush	3	H	
	Great Slaty Woodpecker	2	H	
	Puff-throated Bulbul	2	Seen	Flying over
	Stripe-throated Bulbul	2	Seen	Bathing
ODS1-11	Hainan Blue Flycatcher	1	Seen	Flying over
	Germain's swiftlet	3	Seen	Flying in sky
	Asian Barred Owl	1	H	
	Grey-eyed Bulbul	1	H	
	White-rumped Shama	1	H	
	Puff-throated Bulbul	1	H	
	Grey-eyed Bulbul	1	Seen	Feeding and make asong
	Pale-legged Leaf-warbler	2	H	
ODS1-12	Hainan Blue Flycatcher	1	H	
	Siberian Blue Robin	1	H	

	Pacific Swift	10	Seen	Flying in sky
	White-crested Laughingthrush	1	H	
	Black-naped Monarch	1	H	
ODS1-13	Abbott's Babbler	1	H	
	Hainan Blue Flycatcher	2	1Seen/1H	
	Dark-necked Tailorbird	1	H	
	Pin-striped Tit Babbler	1	H	
	White-bellied Erpornis	1	Seen	Calling and display on tree
	Ashy Drongo	1	Seen	Perching on tree branch
	Spotted Dove	1	H	
	Dollarbird	1	Seen	Flying over
	Black-naped Monarch	1	H	
ODS1-14	Ashy Drongo	1	H	
	Siberian Blue Robin	1	H	
	Pin-striped Tit Babbler	1	H	
	Common Hill Myna	1	H	
	Spotted Dove	1	H	
	Pale-legged Leaf-warbler	1	H	
	White-crested Laughingthrush	1	H	
	Heart-spotted Woodpecker	1	H	
ODS1-15	Greater Flameback	3	Seen	Feeding on tree
	Hainan Blue Flycatcher	3	Seen	Feeding on tree (F/M)
	Black-naped Monarch	1	Seen	Feeding on tree (female)
	Blue-winged Leafbird	2	Seen	Feeding on tree
	Banded Kingfisher	1	H	
	Laced Woodpecker	1	H	
	Hainan Blue Flycatcher	1	H	
ODS1-16	Hainan Blue Flycatcher	2	Seen	Perching on tree branch
	Siberian Blue Robin	1	H	
	Oriental Pied Hornbill	2	H	
	Pin-striped Tit Babbler	1	H	
	Ashy Drongo	1	Seen	Flying over
	Greater Racket-tailed Drongo	1	H	
	Greater Yellownape	1	Seen	Feeding on tree
	Dark-necked Tailorbird	1	H	
	Asian Barred Owlet	1	H	
	White-crested Laughingthrush	1	H	
	Pin-striped Tit Babbler	1	H	
	Black-naped Oriole	1	H	
	White-rumped Shama	1	H	
	Common Hill Myna	1	H	
	Pale-legged Leaf-warbler	1	H	
	Black-naped Monarch	2	H	
	Dark-necked Tailorbird	1	H	
ODS1-18	Asian Fairy-bluebird	1	Seen	Flying over
	Dark-necked Tailorbird	1	H	
	Puff-throated Bulbul	1	H	
	Hainan Blue Flycatcher	1	H	
	Mangrove Whistler	1	H	

Group 2 Results:

Spot Number	Species Name	Number	Observation Type	Comment
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ODS-2-1	Golden fronted Leafbird	2	Seen	Feeding on the tree
	Ashy Drongo	1	Seen	Perching on the tree
	Black naped Oriole	1	Seen	Jumping around
	Greater Flameback	1	H	Calling
	Puff throated Bulbul	2	Seen	Call and perch on tree branch
	Puff throated Babbler	1	H	Calling
	Black naped Monarch	1	Seen	Jumping around
	Orange-breasted Trogon	1	H	Calling
	Spotted Dove	1	H	Calling
	Germain's Swiftlet	3	Seen	Flying in the sky
	Pale-legged Leaf Warbler	1	H	Calling
	Hainan blue Flycatcher	1	H	Calling
ODS-2-2	Pale-legged Leaf Warbler	1	H	Calling
	Abbott's Babbler	2	H	Calling
	Puff throated Babbler	1	H	Calling
	Dark necked Tailorbird	2	H	Calling
	Pin striped tit Babbler	1	H	Calling
	Spotted Dove	1	H	Calling
	Siberian blue Robin	2	H	Calling
	Stripe throated Bulbul	1	H	Calling
	Hainan blue Flycatcher	1	H	Calling
	White crested Laughingthrush	3	H	Calling
ODS-2-3	Abbott's Babbler	1	Seen	Jumping in the bush
	Hainan blue Flycatcher	1	H	Calling
	Puff throated Bulbul	2	H	Calling
	Lesser Yellownape	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Oriental-pied Hornbill	1	Seen	Fly across the tree
	Spotted Dove	H	H	Calling
	White crested Laughingthrush	3	H	Calling
	Pin striped tit Babbler	1	Seen	Jumping around bush
	Heart-spotted Woodpecker	3	Seen	Calling and fly around the tree
ODS-2-4	Lesser Yellownape	1	H	Calling
	Dark necked Tailorbird	1	Seen	Jumping around tree branch
	Puff throated Bulbul	1	Seen	Perch on tree branch
	White bellied Woodpecker	2	Seen	Feeding and calling
	Siberian blue Robin	1	H	Calling
	Spotted Dove	1	H	Calling
	Green-eared Barbet	1	Seen	Perch and feeding
ODS-2-5	White bellied Woodpecker	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Hainan blue Flycatcher	1	H	Calling
	Puff throated Bulbul	2	H	Calling
	Spotted Dove	1	H	Calling
	Black naped Oriole	1	H	Calling
	Dark necked Tailorbird	2	H	Calling
ODS-2-6	Greater Flameback	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Ashy Drongo	1	H	Calling
ODS-2-7	Puff throated Bulbul	2	Seen	Perch on the tree
	Abbott's Babbler	1	H	Calling
	Pale-legged Leaf Warbler	2	Seen	Feeding on the tree
	Black naped Monarch	2	Seen	Jumping around tree branch
	Green-eared Barbet	1	Seen	Perch on tree branch

	Stripe throated Bulbul	1	Seen	Perching
	Great lora	1	Seen	Feeding on the tree
	Blue-winged Leafbird	2	Seen	Feeding on the tree
	Pin striped tit Babbler	3	Seen	Jumping around tree branch
	Dusky Broadbill	6	Seen	Feeding check and group calling
ODS-2-8	Dark necked Tailorbird	3	Seen	Jump in the bush
	Black naped Oriole	1	Seen	Perch on the tree
	Asian Palm Swift	2	Seen	Fly in the sky
	Hainan blue Flycatcher	1	H	Calling
	Black naped Monarch	2	Seen	Jump around tree branch
ODS-2-9	Puff throated Bulbul	3	Seen	Perch on tree branch
	Pale-legged Leaf Warbler	1	H	Calling
	Asian barred Owlet	1	H	Calling
	Oriental Pratincole	1	Seen	Fly Over
ODS-2-10	Hainan blue Flycatcher	2	Seen	Fly around tree branch
	Asian barred Owlet	1	H	Calling
	Puff throated Babbler	1	H	Calling
	Puff throated Bulbul	1	H	Calling
	Stripe throated Bulbul	1	H	Calling
	Black naped Monarch	1	H	Calling
ODS-2-11	Ruby cheeked Sunbird	1	H	Calling
	Black naped Monarch	2	Seen	Jump and call
	Pale-legged Leaf Warbler	1	H	Calling
	Abbott's Babbler	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Asian barred Owlet	1	H	Calling
	Germain's Swiftlet	4	Seen	Flying in the sky
	Spotted Dove	1	H	Calling
ODS-2-12	Green-eared Barbet	1	Seen	Perch on tree branch
	Siberian blue Robin	1	Seen	Jump in the bush
	Abbott's Babbler	1	Seen	Jump in the bush
	Dark necked Tailorbird	5	Seen	Jump and group call
	Puff throated Babbler	1	H	Calling
	Hainan blue Flycatcher	1	H	Calling
	Stripe throated Bulbul	1	H	Calling
	Oriental Pratincole	1	H	Calling
	Ashy Drongo	1	H	Calling
	Lesser Yellownappe	1	Seen	Feeding on the tree
	Asian fairy Bluebird	1	Seen	Perch on the tree
	Green-billed Malkoha	1	Seen	Fly into the bush
	White bellied Woodpecker	1	Seen	Feeding on tree branch
	Greater racket tailed Drongo	1	Seen	Perch on tree branch
	Great slaty Woodpecker	1	H	Calling
	Pale-legged Leaf Warbler	1	H	Calling
	Siamese Fireback	5	Seen	Walk across the trail
ODS-2-13	Abbott's Babbler	1	H	Calling
	Black naped Monarch	1	H	Calling
	Two barred Warbler	1	H	Calling
	Greater Flameback	2	Seen	Fly over
	Puff throated Babbler	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Pin striped tit Babbler	1	H	Calling
	Hainan blue Flycatcher	1	H	Calling
	Pale-legged Leaf Warbler	1	H	Calling

	Greater Coucal	1	H	Calling
ODS-2-14	Pin striped tit Babbler	2	H	Calling
	Hainan blue Flycatcher	1	H	Calling
	Abbott's Babbler	1	H	Calling
	Greater Flameback	2	Seen	Perching and trimming
	Puff throated Bulbul	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Puff throated Babbler	1	H	Calling
ODS-2-15	White crested Laughingthrush	5	Seen	Jumping around tree
	Pin striped tit Babbler	1	H	Calling
	Pale-legged Leaf Warbler	1	H	Calling
	Hainan blue Flycatcher	1	H	Calling
	Black naped Monarch	1	H	Calling
	Two barred Warbler	1	H	Calling
	Puff throated Babbler	1	H	Calling
	Ashy Drongo	3	Seen	Fly and call
ODS-2-16	Large Cuckooshrike	1	H	Calling
	Scarlet Minivet	3	Seen	Feeding on the tree
	Black crested Bulbul	1	Seen	Perch on tree branch
	Two barred Warbler	1	Seen	Jumping around tree
	Black naped Oriole	3	Seen	Fly and perch on tree branch
	Dark necked Tailorbird	1	H	Calling
	White crested Laughingthrush	3	H	Calling
	Blue-winged Leafbird	2	Seen	Feeding on the tree
	Indochinese blue Flycatcher	1	Seen	Perch on tree branch
	Puff throated Bulbul	5	Seen	Group jumping and call
	Stripe throated Bulbul	2	Seen	Perch on tree branch
	Golden fronted Leafbird	1	Seen	Feeding on the tree
	Blyth's paradise Flycatcher	1	Seen	Jumping around tree branch
	Oriental-pied Hornbill	2	H	Calling
	Greater racket tailed Drongo	1	H	Calling
	Pale-legged Leaf Warbler	1	H	Calling
	Ashy Drongo	1	Seen	Perch on tree branch
ODS-2-17	Hainan blue Flycatcher	1	H	Calling
	Pin striped tit Babbler	1	H	Calling
	Puff throated Bulbul	1	H	Calling
	Pale-legged Leaf Warbler	1	H	Calling
	Blue-eared Barbet	1	H	Calling
	Indochinese blue Flycatcher	1	H	Calling
ODS-2-18	Puff throated Babbler	1	Seen	Jump in the bush
	Pale-legged Leaf Warbler	1	Seen	Jump around the tree
	Hainan blue Flycatcher	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Black naped Oriole	1	H	Calling
	Stripe throated Bulbul	2	Seen	Fly and perch on the tree
	White bellied Woodpecker	1	H	Calling
	Dark necked Tailorbird	1	H	Calling
	Greater racket tailed Drongo	1	H	Calling
	Asian Palm Swift	1	Seen	Fly in the sky
	Indochinese blue Flycatcher	2	Seen	Perch on tree branch
	Scarlet Minivet	1	H	Calling

Group 3 Results

Spot Number	Species Name	Number	Observation Type
ODS-3-1	Puff-throated Bulbul	2	H
	Puff-throated Babbler	3	H
	Stripe-throated Bulbul	1	H
	White-rumped Shama	1	H
	Germain's Swiftlet	5	Seen
	Hainan blue Flycatcher	1	H
	Black-naped Monarch	1	H
	Yellow-browed Warbler	1	Seen
	Siberian blue Robin	1	H
	Dark-necked Tailorbird	2	Seen
	Ashy Drongo	1	Seen
	Pale-legged Leaf Warbler	1	H
	Abbott's Babbler	3	H
	Pin-striped Tit Babbler	2	Seen
ODS-3-2	White-crested Laughingthrush	1	H
	Siberian blue Robin	1	H
	Hainan blue Flycatcher	1	H
	Pale-legged Leaf Warbler	1	H
	Spotted Dove	1	Seen
	Black-naped Oriole	1	Seen
	Yellow-browed Warbler	1	Seen
	Germain's Swiftlet	5	Seen
	Puff-throated Bulbul	1	H
	Blue-beared Bee Eater	2	Seen
	White-crested Laughingthrush	1	H
	Black-naped Oriole	2	Seen
	Ashy Drongo	1	Seen
	Hainan blue Flycatcher	2	H
ODS-3-3	Spotted Dove	1	H
	Puff-throated Babbler	1	H
	Siberian blue Robin	1	H
	Pin-striped Tit Babbler	1	H
	Pale-legged Leaf Warbler	1	H
	Abbott's Babbler	1	H
	Siberian blue Robin	1	H
	Greater Flameback	1	H
	Spotted Dove	1	H
	Germain's Swiftlet	5	Seen
	Two-barred Warbler	1	H
	Banded Broadbill	1	H
	Greater racket-tailed Drongo	1	H
	Great slaty Woodpecker	1	H
ODS-3-4	Lineated Barbet	1	H
	Puff-throated Bulbul	1	H
	Pin-striped Tit Babbler	1	H
	Hainan blue Flycatcher	1	Seen
	Asian-barred Owlet	1	H
	Pale-legged Leaf Warbler	1	H
	Ashy Drongo	1	H
	Two-barred Warbler	1	H
	Greater racket-tailed Drongo	1	H
	Hainan blue Flycatcher	1	H
	Pin-striped Tit Babbler	1	H
ODS-3-5	Hainan blue Flycatcher	1	H
	Pin-striped Tit Babbler	1	H
ODS-3-6			

	Blue-beared Bee Eater	1	H
	Germain's Swiftlet	5	Seen
	Bar-winged Flycatchershrike	1	H
	Two-barred Warbler	1	H
	Chinese pond Heron	1	Seen
ODS-3-7	Mangrove Whistler	2	Seen
	Hainan blue Flycatcher	1	Seen
	Two-barred Warbler	1	Seen
	Dark-necked Tailorbird	1	Seen
	Black-naped Monarch	1	Seen
	Pale-legged Leaf Warbler	1	H
	Bar-winged Flycatchershrike	1	H
	Pin-striped Tit Babbler	1	H
ODS-3-8	Siberian blue Robin	1	H
	Ashy Drongo	1	H
	Hainan blue Flycatcher	1	H
	Germain's Swiftlet	3	Seen
	Pale-legged Leaf Warbler	1	H
	Common Flameback	1	H
	Stripe-throated Bulbul	1	H
ODS-3-9	Ashy Drongo	1	H
	Dark-necked Tailorbird	1	Seen
	Pale-legged Leaf Warbler	1	H
	Blue-beared Bee Eater	1	H
ODS-3-10	Hainan blue Flycatcher	1	H
	Spotted Dove	1	H
	Black-crested Bulbul	1	Seen
	Ashy Drongo	2	Seen
ODS-3-11	Spotted Dove	1	H
	Germain's Swiftlet	3	Seen
	Hainan blue Flycatcher	2	H
	Siberian blue Robin	1	H
	Common Flameback	1	H
ODS-3-12	Siberian blue Robin	2	H
	Spotted Dove	1	H
	Dark-necked Tailorbird	1	H
	Puff-throated Bulbul	1	H
	Hainan blue Flycatcher	1	H
ODS-3-13	Dark-necked Tailorbird	1	H
	Siberian blue Robin	1	H
	Indochinese blue Flycatcher	1	H
	Hainan blue Flycatcher	2	Seen
	Black-naped Monarch	1	H
	Black-naped Oriole	1	H
	Spotted Dove	1	H
	Puff-throated Bulbul	1	H
	Pale-legged Leaf Warbler	1	H
	Banded Braodbill	1	H
ODS-3-14	Puff-throated Babbler	1	H
	Scaly-breasted Partridge	1	H
	Siberian blue Robin	1	Seen
	Banded Braodbill	1	H
	Black-naped Monarch	1	Seen
	Greater Flameback	1	Seen

	White-crested Laughingthrush	1	H
	Hainan blue Flycatcher	1	H
	Bar-winged Flycatchershrike	1	H
	Abbott's Babbler	1	H
ODS-3-15	White-crested Laughingthrush	1	H
	Pale-legged Leaf Warbler	1	H
	Pin-striped Tit Babbler	1	H
	Greater Coucal	1	H
	Hainan blue Flycatcher	1	H
ODS-3-16	Hainan blue Flycatcher	3	H
	Pin-striped Tit Babbler	3	Seen
	Two-barred Warbler	1	Seen
	Pale-legged Leaf Warbler	1	Seen
	Oriental-pied Hornbill	1	H
ODS-3-17	Greater racket-tailed Drongo	1	Seen
	Siamese Fireback	5	Seen
	Black-naped Oriole	1	Seen
	Puff-throated Bulbul	1	H
	Pale-legged Leaf Warbler	1	H
	Hainan blue Flycatcher	1	Seen
	Pin-striped Tit Babbler	5	Seen
	Siberian blue Robin	1	H
	Black-crested Bulbul	1	H
ODS-3-18	Dark-necked Tailorbird	3	Seen
	Pin-striped Tit Babbler	3	Seen
	Bar-winged Flycatchershrike	1	H
	Siberian blue Robin	1	H
	Blue-winged Leafbird	2	Seen
	Puff-throated Bulbul	1	H
	Hainan blue Flycatcher	1	H
	Lesser Yellownape	1	H
	Black-naped Monarch	1	H

ANNEX 2: Detailed Survey Recording from Hong Chamatet Protected Forest

Group 1 Results:

Spot Number	Species Name	Number	Observation Type	Comment
HCT1-1	Pin-striped Tit Babbler	1	Seen	Perching on tree branch
	Ashy Drongo	1	H	
	Black-crested Bulbul	1	Seen	Flying over
	Puff-throated Bulbul	1	H	
	Greater Racket-tailed Drongo	1	H	
HCT1-2	Hainan Blue Flycatcher	2	Seen	Feeding on tree
	Puff-throated Babbler	1	H	
	Siberian Blue Robin	1	H	
	Orange-breasted Trogon	1	H	
	Spotted Dove	1	H	
HCT1-3	Asian Fairy-bluebird	1	H	
	Black-naped Oriole	1	H	
	Puff-throated Babbler	1	H	
	Red-breasted Parakeet	1	H	
	Germain's Swiftlet	3	Seen	Flying in sky
HCT1-4	Cattle Egret	4	Seen	Flying in sky
	Grey Heron	1	Seen	Flying in sky
	Puff-throated Babbler	1	H	
	Pale-legged leaf-warbler	1	H	
	Asian Barred Owlet	1	H	
HCT1-5	Asian Fairy-bluebird	1	Seen	Feeding on tree
	Pin-striped Tit Babbler	1	H	
	Heart-spotted Woodpecker	1	H	
	Crested Goshawk	1	Seen	Perching on tree branch
	Pale-legged leaf-warbler	1	Seen	Jumping around
HCT1-6	Hainan Blue Flycatcher	1	Seen	Flying over
	Pin-striped Tit Babbler	1	H	
	Two-barred Warbler	1	H	
	Black-naped Monarch	1	H	
	Black-naped Oriole	1	H	
HCT1-7	Asian Fairy-bluebird	1	Seen	Feeding on tree
	Asian Barred Owlet	1	H	
	White-crested Laughingthrush	2	Seen	Displaying inside bush
	Puff-throated Bulbul	5	Seen	Feeding on tree
	Asian Fairy-bluebird	3	Seen	Feeding on tree
HCT1-8	Pale-legged leaf-warbler	1	H	
	Blue-winged Leafbird	1	Seen	Feeding and display
	Black-crested Bulbul	1	Seen	Flying over
	Abbott's Babbler	1	H	
	White-crested Laughingthrush	1	H	
HCT1-9	Asian Fairy-bluebird	1	H	
	Pale-legged Leaf-warbler	2	H	
	Hainan Blue Flycatcher	1	Seen	Feeding on tree branch
	White-crested Laughingthrush	4	Seen	Feeding on tree branch
	Greater Racket-tailed Drongo	1	H	
HCT1-10	Blue-bearded Bee-eater	2	Seen	Perching on tree branch
	Asian Fairy-bluebird	1	H	
	Ashy Drongo	1	H	
	Oriental Pied Hornbill	1	H	

	Great Slaty Woodpecker	1	H	
HCT1-8	White-crested Laughingthrush	2	H	
	Greater Racket-tailed Drongo	1	H	
	Germain's Swiftlet	2	Seen	Flying in sky
	Hainan Blue Flycatcher	2	Seen	Perching on tree branch
HCT1-9	White-crested Laughingthrush	1	H	
	Red-breasted Parakeet	1	H	
	Siberian Blue Robin	2	H	
	Black-naped Monarch	1	Seen	Feeding on tree branch
	Dark-necked Tailorbird	1	H	
	Greater Racket-tailed Drongo	1	H	
	Hainan Blue Flycatcher	1	Seen	Flying over
HCT1-10	Hainan Blue Flycatcher	1	H	
	Spotted Dove	1	H	
	Dark-necked Tailorbird	1	Seen	Feeding on tree branch
	Black-crested Bulbul	1	Seen	Feeding on tree branch
	Ashy Drongo	1	H	
	White-rumped Shama	1	H	
	Black-naped Monarch	1	H	
	Pale-legged Leaf-warbler	1	H	
	Red-breasted Parakeet	2	Seen	Flying over
	Oriental Pied Hornbill	5	Seen	Flying over
	Green-eared Barbet	3	Seen	Feeding on tree branch
HCT1-11	Hainan Blue Flycatcher	2	Seen	Feeding on tree branch (M/F)
	White-rumped Shama	1	Seen	Flying over
	Dark-necked Tailorbird	1	Seen	Jumping around
	Grey-eyed Bulbul	2	Seen	Feeding on tree branch
	Germain's Swiftlet	20	Seen	Flying over
	Oriental Pied Hornbill	6	Seen	Feeding on fruit tree
	Pin-striped Tit Babbler	3	Seen	Feeding on tree
	Puff-throated Babbler	1	Seen	Flying over
	Oriental Pratincole	15	Seen	Flying over
	Black-crested Bulbul	1	H	
	Blyth Paradise-flycatcher	1	Seen	Flying over
HCT1-12	Greater Yellowthroat	1	H	
	Laced Woodpecker	1	H	
	Grey-eyed Bulbul	2	H	
	Hainan Blue Flycatcher	1	H	
	Puff-throated Babbler	1	Seen	Jumping on tree
	Asian Barred Owlet	2	H	

Group 2 Results

Spot Number	Species Name	Number	Observation Type	Comment
HCT-2-1	Hainan blue Flycatcher	1	H	Calling
	Greater Flameback	1	H	Calling
	Germain's Swiftlet	1	Seen	Fly in the sky
	Large Cuckooshrike	1	H	Calling
	White-crested Laughingthrush	2	H	Calling
	Black-naped Oriole	1	Seen	Perch on tree branch
	Ashy Drongo	1	Seen	Perch on tree
	Asian fairy Bluebird	2	H	Calling
	Two-barred Warbler	1	H	Calling
	Spotted Dove	1	H	Calling

	Greater racket tailed Drongo	1	H	Calling
	Yellow-browed Warbler	1	H	Calling
	Black-naped Monarch	2	Seen	Perch on tree branch
	Dark-necked Tailorbird	1	H	Calling
HCT-2-2	Scaly-crowned Babbler	3	Seen	Jumping around
	Two-barred Warbler	1	H	Calling
	Pale-legged Leaf Warbler	1	H	Calling
	Pin-striped Tit Babbler	1	H	Calling
	Spotted Dove	2	H	Calling
	Puff-throated Babbler	1	H	Calling
	Blue-eared Barbet	1	H	Calling
	Black-crested Bulbul	1	Seen	Fly in and perch on tree branch
	Siberian blue Robin	1	H	Calling
	Dark-necked Tailorbird	3	Seen	Jump in the bush
	Pale-legged Leaf Warbler	1	H	Calling
	Puff-throated Bulbul	3	Seen	Perch on tree branch
	Greater racket tailed Drongo	1	H	Calling
	Black-naped Oriole	1	Seen	Fly and perch on the tree
	Ruby-cheeked Sunbird	1	Seen	Fly around tree branch
	Stripe-throated Bulbul	1	Seen	Fly over
	Greater Yellownaped	2	Seen	Trimming on rooting tree
	Black-naped Monarch	2	Seen	Jump around tree
	Hainan blue Flycatcher	1	H	Calling
HCT-2-3	Orange-breasted Trogon	1	H	Calling
	Pin-striped Tit Babbler	1	H	Calling
	Black-naped Oriole	2	Seen	Fly and perch on tree branch
	Germain's Swiftlet	1	Seen	Fly over
	Two-barred Warbler	1	H	Calling
	Pale-legged Leaf Warbler	1	Seen	Jump around tree branch
	Puff-throated Babbler	1	H	Calling
	Hainan blue Flycatcher	1	H	Calling
	Asian Emerald Dove	1	Seen	Fly over my head
HCT-2-4	Greater racket tailed Drongo	1	H	Calling
	White-rumped Shama	1	Seen	Jump and call
	Dark-necked Tailorbird	1	H	Calling
	Asian fairy Bluebird	1	H	Calling
	Black-naped Monarch	2	Seen	Jump and call around
	Siamese Fireback	1	Seen	Run across the trail
	Two-barred Warbler	1	H	Calling
	Red-breasted Parakeet	1	Seen	Fly and call
	Ashy Drongo (White face)	1	Seen	Perch on tree branch
	White-crested Laughingthrush	1	H	Calling
	Puff-throated Bulbul	1	Seen	Perch and display
	Pin-striped Tit Babbler	1	H	Calling
	Black-naped Monarch	1	H	Calling
HCT-2-5	Hainan blue Flycatcher	5	Seen	Call and fly around tree branch
	Red Junglefowl	1	H	Calling
	Oriental-pied Hornbill	1	H	Calling
	Black-naped Oriole	1	H	Calling
	Yellow-browed Warbler	1	H	Calling
	White-rumped Shama	1	H	Calling
	Puff-throated Bulbul	1	H	Calling
	Large Cuckooshrike	1	Seen	Fly over
HCT-2-6	Asian barred Owlet	1	H	Calling

	Hainan blue Flycatcher	2	Seen	Perch and fly
	Dark-necked Tailorbird	1	H	Calling
	Two-barred Warbler	1	H	Calling
	Greater Flameback	2	Seen	Display and feeding
	Black-crested Bulbul	2	Seen	Perch on the tree branch
	Blue-winged Leafbird	2	Seen	Feeding on the tree
	Ruby-cheeked Sunbird	1	Seen	Feeding on the tree
	Black-naped Monarch	1	H	Calling
	Pin-striped Tit Babbler	2	Seen	Jumping in the bush
	Asian fairy Bluebird	1	Seen	Perching
	Scaly-breasted Partridge	1	H	Calling
HCT-2-7	Black-naped Monarch	2	Seen	Jumping and Feeding
	Two-barred Warbler	2	Seen	Feeding on the tree
	White-crested Laughingthrush	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Hainan blue Flycatcher	5	Seen	Calling and perch on tree branch
	Ashy Drongo	1	Seen	Perch on tree branch
	Dark-necked Tailorbird	1	H	Calling
	Gray-eyed Bulbul	2	Seen	Jumping around the tree branch
	Yellow-browed Warbler	1	H	Calling
	Black-naped Oriole	1	Seen	Perch on tree branch
	Black-crested Bulbul	2	Seen	Feeding
HCT-2-8	Crested serpent Eagle	1	Seen	Fly away
	Black-naped Oriole	1	Seen	Perch on the tree
	Hainan blue Flycatcher	1	Seen	Jump around tree branch
	Black-naped Monarch	2	Seen	Perch on tree branch
	Pin-striped Tit Babbler	1	H	Calling
	Ashy Drongo	1	H	Calling
	Pale-legged Leaf Warbler	1	H	Calling
HCT-2-9	Hainan blue Flycatcher	2	Seen	Call and jump on tree branch
	Scaly-crowned Babbler	5	Seen	Group jumping in the bush
	Blue-winged Leafbird	3	Seen	Feeding on the tree
	Blyth's paradise Flycatcher	1	Seen	Perch, call and fly
	Siberian blue Robin	1	H	Calling
	Ruby-cheeked Sunbird	1	Seen	Jumping around
	Ashy Drongo	1	Seen	Perching
	Black-naped Monarch	2	Seen	Jumping around
	Asian barred Owlet	1	Seen	Perch on tree branch
	Gray-eyed Bulbul	3	Seen	Jumping on tree
	Dark-necked Tailorbird	3	Seen	Jump around the bush
	Great lora	1	Seen	Feeding on the tree
	White-rumped Shama	2	Seen	Calling and jump in the bush
	Collared Owlet	1	H	Calling
	Pin-striped Tit Babbler	3	Seen	Jump in the bush
HCT-2-10	Pale-legged Leaf Warbler	1	H	Calling
	White-crested Laughingthrush	1	H	Calling
	Dark-necked Tailorbird	1	H	Calling
	Gray-eyed Bulbul	1	H	Calling
	Hainan blue flycatcher	1	Seen	Perch on tree branch
HCT-2-11	Common hill Myna	1	H	Calling
	Black-naped Monarch	1	H	Calling
	White-crested Laughingthrush	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Pale-legged Leaf Warbler	1	H	Calling

	Scaly-crowned Babbler	7	Seen	Jump in the bush
	White-rumped Shama	1	Seen	Perch in the bush
	Puff-throated Bulbul	3	Seen	Perch and call
	Puff-throated Babbler	1	H	Calling
	Indochinese blue Flycatcher	1	H	Calling
	Oriental Pratincole	5	Seen	Fly over
	Germain's Swiftlet	3	Seen	Fly in the sky
	Gray-eyed Bulbul	2	Seen	Perch and call
	Black-naped Monarch	2	Seen	Jumping around the tree
HCT-2-12	Greater Flameback	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Black-naped Oriole	1	H	Calling
HCT-2-13	Abbott's Babbler	1	H	Calling
	Black-crested Bulbul	1	H	Calling
	Two-barred Warbler	5	Seen	Jumping on tree branch
	Ashy Drongo	1	Seen	Perch on tree branch
	Puff-throated Bulbul	1	H	Calling
	Asian fairy Bluebird	1	H	Calling
	Blue-winged Leafbird	2	Seen	Feeding
	Black-naped Monarch	1	H	Calling
	Spotted Dove	1	Seen	Perch on tree branch
	Asian-brown Flycatcher	1	Seen	Perching
	Pale-legged Leaf Warbler	1	Seen	Fly over
	Hainan blue Flycatcher	1	H	Calling
HCT-2-14	Common hill Myna	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Greater Flameback	1	H	Calling
	Hainan blue Flycatcher	1	H	Calling
	White-crested Laughingthrush	1	H	Calling
	Greater racket tailed Drongo	1	H	Calling
HCT-2-15	Two-barred Warbler	1	H	Calling
	White-crested Laughingthrush	1	H	Calling
	Spotted Dove	1	H	Calling
	Yellow-browed Warbler	1	H	Calling
	Ruby-cheeked Sunbird	1	Seen	Feeding
	White-rumped Shama	1	Seen	Jump in the bush
	Black-naped Monarch	2	Seen	Fly up and down
	Pale-legged Leaf Warbler	1	H	Calling
	Hainan blue Flycatcher	1	H	Calling
	Pin-striped Tit Babbler	1	H	Calling
HCT-2-16	Hainan blue Flycatcher	1	Seen	Perching
	Black-naped Oriole	1	H	Calling
	Siberian blue Robin	1	H	Calling
HCT-2-17	Black-naped Monarch	1	Seen	Fly around tree branch
	Blyth's paradise Flycatcher	1	Seen	Perch in the bush
	Two-barred Warbler	1	H	Calling
	Pale-legged Leaf Warbler	1	H	Calling
	Pin-striped Tit Babbler	1	H	Calling
	White-rumped Shama	1	Seen	Perch in the bush with call
	Indochinese blue Flycatcher	1	Seen	Perch with call
	Hainan blue Flycatcher	1	Seen	Perch on tree branch
	Blue-winged Leafbird	1	Seen	Perching
	White-bellied Erpornis	7	Seen	Group jumping on the tree with call
	Stripe-throated Bulbul	2	Seen	Perch and call

	Gray-eyed Bulbul	2	Seen	Fly and perch on tree branch
	Black-naped Oriole	1	Seen	Perching
HCT-2-18	White-rumped Shama	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Black-naped Monarch	1	H	Calling
	Hainan blue Flycatcher	2	Seen	Display on tree branch
	Scaly-crowned Babbler	8	Seen	Flock feeding
	Blyth's paradise Flycatcher	1	Seen	Fly and perch on tree branch
	Orange-breasted Trogon	1	H	Calling
	Indochinese blue Flycatcher	2	Seen	Fly and perch
	White-bellied Erpornis	2	Seen	Jump and calling
	Puff-throated Bulbul	1	H	calling
	Abbott's Babbler	6	Seen	Flock display
	Pale-legged Leaf Warbler	1	H	Calling

Group 3 Results

Spot Number	Species Name	Number	Observation Type
HCT-3-1	Pin-striped Tit Babbler	1	H
	Red jungle Fowl	1	H
	Great slaty Woodpecker	1	Seen
	Two-barred Warbler	1	H
	Stripe-throated Bulbul	1	H
	Ashy Drongo	2	Seen
	Spotted Dove	1	H
	Scarlet-backed Flowerpecker	1	H
	Greater racket-tailed Drongo	1	H
HCT-3-2	White-rumped Shama	1	H
	Siberian blue Robin	1	H
	Hainan blue Flycatcher	1	Seen
	Greater racket-tailed Drongo	1	H
	Spotted Dove	1	H
HCT-3-3	Laced Woodpecker	2	Seen
	Greater racket-tailed Drongo	1	Seen
	White-crested Laughingthrush	5	Seen
	Black-winged Cuckooshrike	1	Seen
	Black-crested Bulbul	1	Seen
	Greater Flameback	2	Seen
	Great lora	1	Seen
	Germain's Swiftlet	1	Seen
	Red jungle Fowl	1	H
	Scaly-breasted Partridge	1	H
	Yellow-browed Warbler	1	H
	Red-breasted Parakeet	6	Seen
	Spotted Dove	1	H
	Pale-legged Leaf Warbler	1	H
	Dark-necked Tailorbird	1	H
	Pin-striped Tit Babbler	1	H
HCT-3-4	Yellow-browed Warbler	1	H
	Greater racket-tailed Drongo	2	Seen
	Black-naped Monarch	1	H
	Spotted Dove	1	H
	Puff-throated Babbler	1	H
	Hainan blue Flycatcher	1	H

	Siberian blue Robin	1	H
	Golden-fronted Leafbird	1	H
HCT-3-5	Spotted Dove	1	H
	Zebra Dove	1	H
	Siberian blue Robin	1	H
	Hainan blue Flycatcher	1	H
	Black-crested Bulbul	1	H
	Dusky Broadbill	1	H
	Pale-legged Leaf Warbler	1	H
	Ochraceous Bulbul	2	Seen
HCT-3-6	Scarlet Minivet	1	H
	Ashy Drongo	1	H
	Black-crested Bulbul	1	Seen
	Pin-striped Tit Babbler	1	H
	Dark-necked Tailorbird	1	H
	Puff-throated Babbler	1	H
	Ochraceous Bulbul	1	H
	Germain's Swiftlet	3	Seen
	Pale-legged Leaf Warbler	1	H
	Zebra Dove	1	H
	Asian brown Flycatcher	1	H
	Spotted Dove	1	H
HCT-3-7	Hainan blue Flycatcher	1	Seen
	Pale-legged Leaf Warbler	1	H
	Stripe-throated Bulbul	1	Seen
	Two-barred Warbler	1	Seen
	Asian brown Flycatcher	1	Seen
	Black-naped Monarch	1	Seen
	Ochraceous Bulbul	2	H
	White-crested Laughingthrush	7	Seen
	Common hill Myna	1	H
HCT-3-8	Blyth's paradise Flycatcher	2	Seen
	White-rumped Shama	1	H
HCT-3-9	Hainan blue Flycatcher	1	H
	Ochraceous Bulbul	1	H
	Two-barred Warbler	1	H
	Ashy Minivet	1	H
	Dark-necked Tailorbird	2	Seen
	Germain's Swiftlet	3	Seen
HCT-3-10	Siberian blue Robin	1	H
	Hainan blue Flycatcher	1	Seen
	Indochinese blue Flycatcher	2	H
	Pale-legged Leaf Warbler	1	H
HCT-3-11	Pin-striped Tit Babbler	1	H
	Ashy Drongo	3	Seen
	Stripe-throated Bulbul	1	H
HCT-3-12	Pin-striped Tit Babbler	1	H
	Dark-necked Tailorbird	1	H
	White-crested Laughingthrush	1	H
	Hainan blue Flycatcher	2	Seen
	Black-naped Monarch	1	Seen

ANNEX 3. Detailed Survey Results of Prey Angten Protected Forest (PA)

Group 1 Results

Spot Number	Species Name	Number	Observation Type	Comment
PA1-1	Black-naped Monarch	1	Seen	Flying over
	Dark-necked Tailorbird	1	Seen	Jumping on tree
	Spotted Dove	1	H	
	Black-crested Bulbul	3	Seen	Flying over
	Abbott's Babbler	1	H	
	Asian Fairy-bluebird	2	Seen	Feeding on tree
	Puff-throated Bulbul	1	Seen	Feeding on tree
	Green Imperial-pigeon	1	Seen	Flying over
	Brown-backed Needletail	1	Seen	Flying over
	Oriental Pied Hornbill	2	Seen	Flying over
	Great Hornbill	1	H	
	Puff-throated Babbler	1	H	
	Siberian Blue Robin	1	H	
	Germain's Swiftlet	13	Seen	Flying over
	Two-barred Warbler	1	H	
	White-crested Laughingthrush	3	Seen	Feeding and Display on tree
	Common Hill Myna	1	H	
PA1-2	Puff-throated Bulbul	1	Seen	Perching on tree
	Black-naped Monarch	1	Seen	Feeding
	Pale-legged Leaf-warbler	1	H	
	Pin-striped Tit Babbler	2	Seen	Feeding on tree
	White-crested Laughingthrush	3	Seen	Jumping a round
	Pale-legged Leaf-warbler	2	1 Seen/1H	
	Greater Racket-tailed Drongo	1	Seen	Flying over
	Asian Fairy-bluebird	2	Seen	Flying over
	Two-barred Warbler	1	H	
	Grey-eyed Bulbul	1	H	
	Black-crested Bulbul	3	Seen	Feeding and Display on tree
	Stripe-throated Bulbul	1	H	
	Blue-eared Barbet	1	H	
	Siberian Blue Robin	1	H	
PA1-3	Hainan Blue Flycatcher	2	Seen	Feeding on ground
	Dark-necked Tailorbird	1	H	
	Siberian Blue Robin	1	H	
	Square-tailed Drongo-cuckoo	1	H	
	Pale-legged Leaf-warbler	1	H	
	Asian Fairy-bluebird	1	Seen	Flyin
	Grey-eyed Bulbul	1	Seen	Flying over
	Pin-striped Tit Babbler	1	H	
	Black-crested Bulbul	1	1	
PA1-4	Black-crested Bulbul	2	Seen	Feeding on tree
	Grey-eyed Bulbul	1	H	
	Stripe-throated Bulbul	1	Seen	Flying over
	Germain's Swiftlet	4	Seen	Flying in sky
	Greater Racket-tailed Drongo	1	H	
	Ashy Drongo	1	Seen	Flying over
	Dark-necked Tailorbird	2	Seen	Jumping aaround
	Black-naped Oriole	2	H	Perching on tree
	Two-barred Warbler	1	H	

	Siberian Blue Robin	1	H	
	Puff-throated Bulbul	1	H	
	Greater Racket-tailed Drongo	1	Seen	Flying over
PA1-5	White-crested Laughingthrush	2	H	
	Black-crested Bulbul	1	H	
	Spotted Dove	1	H	
	Ashy Drongo	1	Seen	Flying over
	Dark-necked Tailorbird	1	H	
	Grey-eyed Bulbul	1	H	
	Siberian Blue Robin	1	H	
	Pale-legged Leaf-warbler	1	H	
PA1-6	Grey-eyed Bulbul	1	Seen	Flying over
	Pale-legged Leaf-warbler	1	H	
	White-crested Laughingthrush	3	H	
	Stripe-throated Bulbul	2	Seen	Perching on tree
	Hainan Blue Robin	2	H	
	Dark-necked Tailorbird	2	Seen	Feeding
	Asian Fairy-bluebird	1	H	
	Black-crested Bulbul	2	Seen	Perching on tree
	Velvet-fronted Nuthatch	1	H	
PA1-7	Bronzed Drongo	1	Seen	Perching on tree
	Asian Palm Swift	4	Seen	Flying in sky
	Dark-necked Tailorbird	2	Seen	Flying over
	Black-crested Bulbul	6	Seen	Perching on tree
	Two-barred Warbler	1	H	
	Blue-winged Leafbird	2	Seen	Perching on tree
	Banded Bay Cuckoo	1	Seen	Perching on tree
	Common Flameback	1	H	
	Stripe-throated Bulbul	1	Seen	Perching on tree
	Germain's Swiftlet	4	Seen	Flying in sky
	Ashy Drongo	1	Seen	Perching on tree
	Asian Brown Flycatcher	1	Seen	Perching on tree
	Ruby-cheeked Sunbird	1	Seen	Feeding
	Crested Treeswift	4	Seen	Flying in sky
	Blue-eared Barbet	1	H	
	Puff-throated Bulbul	1	Seen	Feeding
	Pale-legged Leaf-warbler	1	H	
	Puff-throated Babbler	1	Seen	Flying over
PA1-8	Siberian Blue Robin	1	Seen	Flying over
	Dark-necked Tailorbird	6	Seen	Flying over
	Puff-throated Babbler	1	Seen	Flying over
	Two-barred Warbler	1	H	
	Asian Fairy-bluebird	1	Seen	Flying over
	White-crested Laughingthrush	3	H	
PA1-9	Black-crested Bulbul	1	Seen	Feeding on tree
	Ashy Drongo	1	Seen	Flying over
	Dark-necked Tailorbird	2	Seen	Jumping
	Germain's Swiftlet	6	Seen	Flying in sky
	Green-eared Barbet	1	Seen	Feeding on tree fruit
	Oriental Pied Hornbill	1	Seen	Flying over
	Blue-winged Leafbird	1	Seen	Feeding on tree
	Asian Brown Flycatcher	1	Seen	Feeding
PA1-10	Black-naped Monarch	1	H	
	Asian Brown Flycatcher	1	Seen	Perching on tree branch

	Oriental Pratincole	8	Seen	Flying in sky
	Green-eared Barbet	1	H	
PA1-11	Laced Woodpecker	1	H	
	Greater Flameback	1	H	
	Shikra	2	Seen	Flying over
	Oriental Pied Hornbill	2	H	
	Germain's Swiftlet	20	Seen	Flying in sky
	Black-headed Bulbul	1	Seen	Feeding on tree
	Common Hill Myna	2	Seen	Perching on tree branch
	Spotted Dove	1	H	
	Asian Palm Swift	3	Seen	Flying in sky
PA1-12	Black-crested Bulbul	3	Seen	Flying over
	Hainan Blue Flycatcher	1	H	
	Grey-eyed Bulbul	1	H	
	Dark-necked Tailorbird	1	H	
	Pin-striped Tit Babbler	1	H	
	Blue-winged Leafbird	1	Seen	Feeding on tree branch
	Spotted Dove	1	H	
PA1-13	Puff-throated Babbler	2	H	
	Pale-legged Leaf-warbler	1	H	
	Black-crested Bulbul	3	Seen	Flying over
	Stripe-throated Bulbul	2	Seen	Flying over
	White-crested Laughingthrush	2	H	
	Dark-necked Tailorbird	2	Seen	Jumping around
	Two-barred Warbler	1	Seen	Calling
	Pin-striped Tit Babbler	2	Seen	Display around
	Black-naped Oriole	1	1 Seen/1H	
	Greater Racket-tailed Drongo	1	H	
	Asian Fairy-bluebird	1	Seen	Perching on tree branch
	White-bellied Woodpecker	1	H	
	Black-naped Monarch	1	Seen	Feeding (Female)
	Greater Yellownape	1	H	
	Hair-crested Drongo	1	H	
	Black-winged Cuckooshrike	1	Seen	Feeding on tree
PA1-14	Black-crested Bulbul	1	H	
	Greater Racket-tailed Drongo	1	H	
	Puff-throated Babbler	1	H	
	Black-naped Monarch	1	H	
	Green-pigeon ?	1	H	
	Spotted Dove	1	H	
	Hainan Blue Flycatcher	1	H	
	White-crested Laughingthrush	1	H	
	Pin-striped Tit Babbler	2	H	
	Black-naped Monarch	1	H	
	Black-naped Oriole	1	H	
	Siberian Blue Robin	1	H	
	Dark-necked Tailorbird	1	H	
PA1-15	Pale-legged Leaf-warbler	1	H	
	Greater Racket-tailed Drongo	1	H	
	Black-crested Bulbul	1	Seen	Flying over
	Two-barred Warbler	1	H	
	Dark-necked Tailorbird	1	H	
	Germain's Swiftlet	4	Seen	Flying on sky
	Red Junglefowl	1	Seen	Walking on ground

	Hainan Blue Flycatcher	1	H	
	White-crested Laughingthrush	1	H	
PA1-16	Bronzed Drongo	1	Seen	Perching on tree branch
	Black-winged Cuckooshrike	1	Seen	Perching on tree branch
	Hainan Blue Flycatcher	1	Seen	Perching on tree branch
	Banded Broadbill	1	H	
	Pale-legged Leaf-warbler	2	H	
	Green-eared Barbet	1	H	
	Puff-throated Bulbul	1	H	
	Black-naped Monarch	1	Seen	Flying over
	Pin-striped Tit Babbler	1	H	
	Black-headed Bulbul	1	Seen	Perching on tree
	Collared Owlet	1	H	
PA1-18	Greater Flameback	1	H	
	Pale-legged Leaf-warbler	1	H	
	Pin-striped Tit Babbler	2	Seen	Feeding on tree branch
	Spotted Dove	1	H	
	Germain's Swiftlet	4	Seen	Flying in sky
	Black-crested Bulbul	2	Seen	Flying over
	White-crested Laughingthrush	4	Seen	Flying over
	Ruby-cheeked Sunbird	1	Seen	Feeding on tree (Female)
	Green-eared Barbet	1	H	
	Dark-necked Tailorbird	1	H	
PA1-19	Greater Racket-tailed Drongo	1	H	
	Greater Racket-tailed Drongo	1	Seen	Feeding on the tree
	Greater Yellownape	2	Seen	Flying over
	Oriental Pied Hornbill	5	Seen 3/ H1	Feeding and calling
	Black-naped Oriole	1	Seen	M walking on ground
	Siamese Fireback	1	H	
	Hainan Blue Flycatcher	2	Seen	Jumping around
	Dark-necked Tailorbird	1	Seen	Perching on tree branch
	Asian Brown Flycatcher	1	Seen	Perching on tree
	Stripe-throated Bulbul	1	Seen	(white-cecked)
	Ashy Drongo	1	Seen	Flying and perching on tree
	Blue-bearded Bee-eater	1	H	
	Pale-legged Leaf-warbler	1	Seen	Feeding on tree
PA1-20	Black-crested Bulbul	3	Seen	Calling
	Pin-striped Tit Babbler	1	H	
	Hainan Blue Flycatcher	1	H	
	Banded Broadbill	3	Seen 1/H 2	1 flying
	Spotted Dove	1	H	
	Black-crested Bulbul	1	Seen	
	Blue-winged Leafbird	1	H	
	Greater Racket-tailed Drongo	1	Seen	
	Puff-throated Babbler	1	Seen	Feeding on the grond
	White-crested Laughingthrush	1	H	
	Siberian Blue Robin	1	H	
	Abbott's Babbler	1	Seen	Flying over
	Thick-billed Green-pigeon	1	H	
PA1-21	Collared Owlet	5	Seen	Feeding on tree
	Black-crested Bulbul	5	Seen	Feeding
	Grey-eyed Bulbul	6	Seen	Feeding
	Black-headed Bulbul	1	Seen	Feeding on tree
	Black-winged Cuckooshrike	1	Seen	Flying in sky

	Oriental Honey-buzzard	1	Seen	Perching on tree
	Golden-fronted Leafbird	1	Seen	Jumping around
	Dark-necked Tailorbird	1	H	
	Pin-striped Tit Babbler	1	Seen	Feeding on the ground
	Spotted Dove	3	Seen	Flying in sky
	Germain's Swiftlet	1	H	
PA1-22	Pale-legged Leaf-warbler	1	H	
	Puff-throated Babbler	1	H	
	Pin-striped Tit Babbler	1	H	
	Hainan Blue Flycatcher	1	H	
	Stripe-throated Bulbul	3	Seen	Flying in sky
	Germain's Swiftlet	2	H	
	Siberian Blue Robin	1	Seen	Flying over
	Oriental Pied Hornbill	1	Seen	Feeding on tree
	Asian Fairy-bluebird	1	H	
	Black-naped Oriole	3	Seen 2/ H1	
	Black-crested Bulbul	2	Seen	Perching on tree
	Stripe-throated Bulbul	2	Seen	Perching on tree
	Pin-striped Tit Babbler	4	Seen	Feeding on ground
	Siamese Fireback	2	Seen	Flying over
PA1-23	Green Imperial-pigeon	1	H	
	Pin-striped Tit Babbler	1	Seen	Perching on tree
	Ashy Drongo	6	Seen	Flying in sky
	Germain's Swiftlet	1	H	
	Siberian Blue Robin	1	H	
	Pale-legged Leaf-warbler	2	Seen	Feeding on tree
	Black-crested Bulbul	2	Seen	Jumping around
	Dark-necked Tailorbird	1	H	
	Puff-throated Babbler	1	H	
PA1-24	Asian Fairy-bluebird	1	H	
	Grey-eyed Bulbul	1	H	
	Stripe-throated Bulbul	1	H	
	White-rumped Shama	1	H	
	Pale-legged Leaf-Warbler	1	H	
	Pin-striped Tit Babbler	1	Seen	Flying over
	Puff-throated Babbler	1	H	
	Two-barred Warbler	1	H	
	Dark-necked Tailorbird	1	H	

Group 2 Results

Spot Number	Species Name	Number	Observation Type	Comment
PA-2-1	Abbot's Babbler	2	Seen	Jumping and calling
	Two barred Warbler	1	H	
	Dark necked Tailorbird	2	Seen	Jumping around
	Siberian blue Robin	1	H	Calling
	Zebra Dove	1	H	Calling
	Spotted Dove	1	H	Calling
	Greater racket tailed Drongo	1	H	Calling
	Pin striped tit Babbler	1	H	Calling
PA-2-2	Pale legged Leaf Warbler	1	H	Calling
	Abbot's Babbler	5	Seen	Calling and jump around
	Zebra Dove	1	H	
	Asian brown Flycatcher	1	Seen	Perch on the tree

	Puff throated Babbler	1	H	
	Siberian blue Robin	1	H	
	Puff throated Bulbul	1	Seen	Fly and perch on the tree
	Dark necked Tailorbird	1	H	Calling
	Black naped Monarch	1	H	Calling
	Germain's Swiftlet	3	Seen	Fly in the sky
	Stripe throated Bulbul	2	Seen	Fly and Perch
	Hainan blue Flycatcher	1	H	Calling
PA-2-3	Greater racket tailed Drongo	3	Seen	Perch on tree branch
	Ashy Drongo (White Face)	1	Seen	Perch on tree branch
	Crested serpent Eagle	1	Seen	Fly away
	Shikra	1	Seen	Perch and fly away
	Two barred Warbler	2	Seen	Jump and calling
	Pin striped tit Babbler	1	H	
	White crested Laughingthrush	1	H	
	Asian brown Flycatcher	2	Seen	Perch on dead tree branch
	Spotted Dove	1	Seen	Flying overhead
	Indochinese Roller	1	Seen	Perch and call
	Common Flameback	1	H	Calling
	Black naped Oriole	1	H	calling
	Siberian blue Robin	1	H	Calling
	Dollard Bird	1	Seen	Fly over
PA-2-4	Siberian blue Robin	1	H	Calling
	Stripe throated Bulbul	2	Seen	Call and perch on tree branch
	Pin striped tit Babbler	1	Seen	Jump in bush
	Greater racket tailed Drongo	1	Seen	Call and fly away
	White crested Laughingthrush	1	H	Calling
	Black naped Oriole	1	H	Calling
	Black naped Monarch	1	H	Calling
	Ashy Drongo	1	H	Calling
	Germain's Swiftlet	2	Seen	Fly around in the sky
	Puff throated Bulbul	1	H	Calling
	Spotted Dove	1	H	Calling
	Hair crested Drongo	2	Seen	Call and fly away
PA-2-5	White crested Laughingthrush	3	H	Calling
	Pale legged Leaf Warbler	2	Seen	Jump on the tree
	Dark necked Tailorbird	1	H	Calling
	Black naped Monarch	1	H	Calling
	Black naped Oriole	1	H	Calling
	Two barred Warbler	1	H	Calling
	Ashy Drongo (White face)	1	Seen	Perch on tree
	Ruby cheeked Sunbird	1	Seen	Call and jump around
PA-2-6	Common hill Myna	3	Seen	Fly over
	Spotted Dove	1	H	Calling
	Black naped Oriole	1	H	Calling
	Dark necked Tailorbird	1	H	Calling
	Ashy Drongo	1	Seen	Perch and call
	Hair crested Drongo	1	H	Calling
	White rumped Shama	1	H	Calling
	Stripe throated Bulbul	1	Seen	Call and perch on the tree
	Oriental pied Hornbill	1	H	Calling
PA-2-7	Blue eared Barbet	1	H	Calling
	Two barred Warbler	2	H	Calling
	Red Junglefowl	1	Seen	Run across the trail

	Siberian blue Robin	1	H	Calling
	Puff throated Babbler	1	H	Calling
	White rumped Shama	1	H	Calling
	Black Baza	1	Seen	Fly in the sky
	Puff throated Bulbul	1	H	Calling
	Asian brown Flycatcher	1	Seen	Perch on the tree
PA-2-8	Black naped Oriole	2	H	Calling
	Two barred Warbler	1	H	Calling
	Dark necked Tailorbird	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Pin striped tit Babbler	1	H	Calling
	Blue eared Barbet	1	H	Calling
	Hainan blue Flycatcher	1	H	Calling
	Hair crested Drongo	1	Seen	Fly over
	Asian palm Swift	2	Seen	Flying around in the sky
	Germain's Swiftlet	5	Seen	Flying around in the sky
PA-2-9	Thick billed green Pigeon	7	Seen	Feeding on tree
	Black naped Oriole	1	H	Calling
	Germain's Swiftlet	2	Seen	Flying in the sky
	Dark necked Tailorbird	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Asian palm Swift	2	Seen	Flying in the sky
	Spotted Dove	1	H	Calling
	Asian brown Flycatcher	1	Seen	Perch on the tree
	Stripe throated Bulbul	1	H	Calling
PA-2-10	Two barred Warbler	1	H	Calling
	Siberian blue Robin	1	H	Calling
	Asian brown Flycatcher	1	Seen	Perch on tree branch
	Dark necked Tailorbird	1	H	Calling
	Pin striped tit Babbler	1	H	Calling
	Hainan blue Flycatcher	1	H	Calling
	Pale legged Leaf Warbler	1	H	Calling
	Black naped Oriole	1	H	Calling
	Asian Fairy Bluebird	1	Seen	Perch on tree branch
	Greater racket tailed Drongo	1	H	Calling
	Asian barred Owlet	1	H	Calling
	Heart spotted Woodpecker	2	Seen	Perch and Preening
	Black headed Bulbul	1	Seen	Fly and perch on tree
	Indochinese blue Flycatcher	1	Seen	Jumping around tree branch
PA-2-11	Oriental pied Hornbill	1	H	Calling
	Asian palm Swift	2	Seen	Flying in the sky
	Pin striped tit Babbler	1	H	Calling
	Oriental Pratincole	12	Seen	Fly over
	Asian barred Owlet	1	H	Calling
	Spotted Dove	1	H	Calling
	Greater racket tailed Drongo	3	Seen	Calling and fly around
	Red Junglefowl	1	H	Calling
	Two barred Warbler	1	H	Calling
	Asian palm Swift	3	Seen	Flying in the sky
	Ashy Drongo	1	Seen	Perch on tree branch
	White crested Laughingthrush	2	H	Calling
	Pale legged Leaf Warbler	1	H	Calling
PA-2-12	Stripe throated Bulbul	3	H	Calling
	Siamese Fireback	1	H	Calling

	Square tailed Drongo Cuckoo	1	Seen	Perch on tree branch
	Laced Woodpecker	1	Seen	Perch and fly away
	Asian palm Swift	3	Seen	Fly in the sky
	Pin striped tit Babbler	1	H	Calling
	Blue eared Barbet	1	H	Calling
	Red Junglefowl	1	Seen	Fly away
	Siberian blue Robin	1	H	Calling
	Puff throated Bulbul	2	Seen	Call and perch on tree branch
	Pale legged Leaf Warbler	1	H	Calling
	Abbot's Babbler	1	Seen	Jump around bush
	Black headed Bulbul	3	H	Calling
PA-2-13	Asain brown Flycatcher	1	Seen	Perching
	Puff throated Babbler	1	H	
	Common hill Myna	1	H	
	Oriental pied Hornbill	3	Seen	Fly away
	Greater racket tailed Drongo	1	H	
	Stripe throated Bulbul	2	Seen	Jump around
	Two barred Warbler	1	Seen	Jump on the tree
	Greater Coucal	1	H	
	Black naped Oriole	1	Seen	
	Little Egret	4	Seen	Fly away
	White crested Laughingthrush	1	H	
	Abbot's Babbler	1	H	
	Asian fairy Bluebird	1	H	
	Black naped Monarch	1	H	
PA-2-14	Oriental pied Hornbill	1	Seen	Fly away
	Ashy Drongo	1	Seen	Perching
	Greater racket tailed Drongo	2	Seen	Perch and call
	Dark necked Tailorbird	1	H	
	Abbot's Babbler	1	H	
	Bronze Drongo	2	Seen	Perch on electric wire
	Black naped Oriole	1	H	
	Green eared Barbet	3	Seen	Eating tree fruit
	Black headed Bulbul	1	Seen	Perch on tree
	Pale legged Leaf Warbler	1	H	
	Green imperial Pigeon	1	Seeb	Perch on tree branch
PA-2-15	Hainan blue Flycatcher	1	Seen	Perching on tree branch
	Blue winged Leafbird	1	Seen	Feeding on the tree
	Dark necked Tailorbird	1	Seen	Jumping around
	Black naped Oriole	1	H	
	Two barred Warbler	1	Seen	Jumping on the tree
PA-2-16	Collared Owlet	1	H	
	Olive backed Sunbird	1	Seen	Feeding on the feed
	Two barred Warbler	1	H	
	Greater Flameback	1	H	
	Spotted Dove	1	H	
	Hainan blue Flycatcher	2	Seen	Fly and perch on tree branch
	Black crested Bulbul	1	Seen	Perch on tree
	Black naped Monarch	1	Seen	Jumping around
	Greater racket tailed Drongo	1	H	
PA-2-17	Common hill Myna	11	Seen	Fly away
	Stripe throated Bulbul	1	H	
	Dark necked Tailorbird	3	Seen	Jump in the bush
	Greater racket tailed Drongo	2	Seen	Flying

	Orange breasted Trogon	1	H	
	Ashy Drongo (White Face)	2	Seen	Perch on tree branch
	Black naped Oriole	1	H	
	Blue eared Barbet	1	H	
	Hainan blue Flycatcher	1	H	
	Pin striped tit Babbler	1	H	
	Asian fairy Bluebird	1	Seen	Feeding
	Vernal hanging Parrot	1	Seen	Fly away
	Siberian blue Robin	1	H	
	Spotted Dove	1	Seen	Flying
	Thick billed green Pigeon	1	H	
	Heart spotted Woodpecker	1	Seen	Fly and call
	Ashy headed green Pigeon	2	Seen	Perch and call
PA-2-18	Siberian blue Robin	1	H	
	Abbot's Babbler	1	H	
	Greater racket tailed Drongo	2	Seen	Fly and call
	Pin striped tit Babbler	1	H	
	Common hill Myna	1	H	
	Ashy Drongo	1	H	
	Two barred Warbler	1	H	
	Pale legged Leaf Warbler	1	H	
	Black winged Cuckooshrike	1	H	
	Hair crested Drongo	2	Seen	Feeding
PA-2-19	Abbot's Babbler	2	Heard	
	Oriental Pied Hornbill	5	Seen	Eating tree fruit and call
	Two barred Warbler	1	H	
	Siberian blue Robin	1	H	
	Yellow browed Warbler	1	H	
	Greater racket-tailed Drongo	1	H	
	Blue eared Barbet	1	H	
	Orange breasted Trogon	1	H	
	Black naped Oriole	1	H	
	Dark necked Tailorbird	3	Seen	Jumping around with call
	Stripe throated Bulbul	2	Seen	Perch on tree branch
PA-2-20	White crested Laughingthrush	3	H	
	Dark necked Tailorbird	1	H	
	Abbot's Babbler	1	H	
	Ruby cheeked Sunbird	1	Seen	Eating insect
	Greater Flameback	1	H	
	Puff throated Bulbul	1	H	
	Stripe throated Bulbul	1	H	
	Black crested Bulbul	1	H	
	Two barred Warbler	1	H	
	Scaly breasted Partridge	1	H	
	Asian fairy blueBird	1	Seen	Perch and call
	Greater racket tailed Drongo	1	Seen	Perch and Call
	Black naped Oriole	1	H	
	Besra	1	Seen	Perch on rooting tree
	Asian Brown Flycatcher	1	Seen	Display around
	Greater Yellow Nape	2	Seen	Feeding with call
	Great Iora	1	Seen	Feeding
	Pale legged Leaf Warbler	1	H	
PA-2-21	Black naped Oriole	1	Seen	
	Germain's Swiftlet	2	Seen	Display in the sky

	Collared Owlet	1	H	
	Oriental Pied Hornbill	1	H	
	Stripe throated Bulbul	1	H	
	Siberian blue Robin	1	H	
	Dark necked Tailorbird	1	H	
	Black headed Bulbul	1	H	
	Hainan blue Flycatcher	1	H	
	Pin striped tit Babbler	1	H	
	White bellied Erpornis	1	Seen	Jumping around the tree
	Two barred Warbler	1	Seen	Jumping around the tree
	Puff throated Babbler	2	Seen	Group calling from the tree
	Indochinese blue Flycatcher	1	Seen	Perch and calling
	Abbot's Babbler	3	Seen	Display in the bush
	Blyth's paradise Flycatcher	1	H	
	Blue winged Leafbird	1	H	
	Black naped Oriole	1	H	
	Ashy Drongo (White face)	1	Seen	Perch and call
	Greater racket tailed Drongo	1	Seen	Perch and call
	Hair crested Drongo	1	Seen	Flying away
PA-2-22	Pale legged Leaf Warbler	1	H	
	Siberian blue Robin	1	H	
	Puff throated Babbler	2	H	
	Pin striped tit Babbler	1	H	
	Ashy Drongo (White face)	1	Seen	Perch on the tree
	Dark necked Tailorbird	2	H	
	Black naped Monarch	2	Seen	Jumping around
	Puff throated Bulbul	1	Seen	Perch and jump around
	White crested Laughingthrush	5	Seen	Group jump and calling
PA-2-23	Siberian blue Robin	1	H	
	Black crested Bulbul	1	H	
	Oriental pied Hornbill	2	H	
	Black naped Monarch	1	H	
	Dark necked Tailorbird	1	Seen	Jumping around
	Two barred Warbler	1	Seen	Jump and call
	Greater yellow Nape	1	H	
	Greater Coucal	1	H	
	Asian brown Flycatcher	1	Seen	Perching
	Germain's Swiftlet	3	Seen	Fly around
	Asian fairy Bluebird	1	H	
PA-2-24	Pin striped tit Babbler	1	H	
	Green billed Malkoha	2	Seen	Perching
	Black crested Bulbul	1	H	
	Hainan blue Flycatcher	1	H	
	Olive backed Sunbird	1	H	
	Pale legged Leaf Warbler	1	H	
	Puff throated Bulbul	1	H	
	Dark necked Tailorbird	1	H	
	Asian palm Swift	2	Seen	Fly around
	Siberian blue Robin	1	H	
	Stripe throated Bulbul	2	Seen	Perch
	Asian brown Flycatcher	1	Seen	Perch

Group 3 Results

Spot Number	Species Name	Number	Observation Type
PA-3-1	Puff-throated Babbler	1	H
	Ashy Drongo	1	H
	Puff-throated Bulbul	1	H
	White-rumped Shama	1	H
	Yellow-browed Warbler	1	Seen
	Dark-necked Tailorbird	1	Seen
	Two-barred Warbler	1	H
	Ruby-cheeked Sunbird	2	Seen
	Stripe-throated Bulbul	1	H
	Bar-winged Flycatchershrike	1	H
	Pin-striped Tit Babbler	6	Seen
	Siberian blue Robin	1	H
	Black-naped Monarch	1	H
	White-bellied Erpornis	2	Seen
	Abbott's Babbler	2	Seen
PA-3-2	Dollard Bird	1	Seen
	Dark-necked Tailorbird	1	H
	Greater Yellownape	1	H
	Yellow-browed Warbler	1	H
	Greater racket-tailed Drongo	2	Seen
	Scally-breasted Partridge	1	H
	Ashy Minivet	2	H
	Spotted Dove	2	H
	Germain's Swiftlet	2	Seen
	Grey-headed canary-Flycatcher	1	H
PA-3-3	Pin-striped Tit Babbler	1	H
	Spotted Dove	1	H
	Germain's Swiftlet	3	Seen
	Oriental-pied Hornbill	2	H
	Siberian blue Robin	1	H
	Dark-necked Tailorbird	1	H
	Common Flameback	1	H
	Yellow-browed Warbler	1	H
	Black-naped Monarch	1	H
	Pale-legged Leafwarbler	1	H
PA-3-4	White-crested Laughingthrush	1	H
	Greater racket-tailed Drongo	1	H
	Black-naped Oriole	3	Seen
	Dark-necked Tailorbird	1	H
	Spotted Dove	1	H
	Hainan blue Flycatcher	1	H
	Siberian blue Robin	1	H
	Germain's Swiftlet	3	Seen
	Taiga Flycatcher	1	H
	Yellow-browed Warbler	1	H
	Common hill Myna	1	H
	Pin-striped Tit Babbler	1	H
	Green-eared Barbet	1	H
	Bar-winged Flycatchershrike	1	H
	Pale-legged Leafwarbler	1	H
PA-3-5	Greater racket-tailed Drongo	1	H
	Bar-winged Flycatchershrike	3	Seen
	Black-crested Bulbul	3	Seen

	Pin-striped Tit Babbler	5	Seen
	Black-naped Monarch	1	Seen
	Hainan blue Flycatcher	1	Seen
	Siberian blue Robin	3	H
	Yellow-browed Warbler	1	Seen
	Pale-legged Leafwarbler	1	H
	Two-barred Warbler	1	H
	Stripe-throated Bulbul	3	H
	White-rumped Shama	1	H
	Dark-necked Tailorbird	1	H
	Greater racket-tailed Drongo	1	H
	Spotted Dove	1	H
PA-3-6	Green-eared Barbet	1	H
	Germain's Swiftlet	3	Seen
	Siberian blue Robin	1	H
	White-rumped Shama	1	H
	Bar-winged Flycatchershrike	1	H
	Stripe-throated Bulbul	1	H
	Hainan blue Flycatcher	1	H
	Yellow-browed Warbler	1	H
PA-3-7	Oriental-pied Hornbill	2	Seen
	Asian brown Flycatcher	3	Seen
	Germain's Swiftlet	3	Seen
	Olive-backed Sunbird	1	Seen
	Black-crested Bulbul	1	H
	Siberian blue Robin	3	H
	Green-billed Malkoha	1	H
	Black-naped Monarch	1	H
	Puff-throated Bulbul	1	Seen
	Yellow-browed Warbler	1	Seen
PA-3-8	Puff-throated Bulbul	1	Seen
	Grey eyed Bulbul	2	Seen
	White-rumped Shama	1	H
	Two-barred Warbler	1	H
	Asian fairy Bluebird	1	Seen
	Stripe-throated Bulbul	1	H
	Banded Broadbill	1	H
	Dark-necked Tailorbird	1	H
	Hainan blue Flycatcher	1	Seen
	Ashy Drongo	1	H
PA-3-9	Pale-legged Leafwarbler	1	H
	Stripe-throated Bulbul	1	H
	Siberian blue Robin	1	H
	White-crested Laughingthrush	1	H
	Ashy Drongo	1	H
	Grey eyed Bulbul	1	H
	Dark-necked Tailorbird	1	Seen
	Hainan blue Flycatcher	1	Seen
	White-bellied Erpornis	1	Seen
	Blue-winged Leafbird	1	Seen
	Pin-striped Tit Babbler	1	H
	Blyth's paradise Flycatcher	2	Seen
PA-3-10	Yellow-browed Warbler	1	H
	Black-crested Bulbul	4	Seen

	Puff-throated Bulbul	1	Seen
	Asian palm Swift	3	Seen
	Dark-necked Tailorbird	1	Seen
	Hainan blue Flycatcher	1	Seen
	Germain's Swiftlet	3	Seen
	Stripe-throated Bulbul	3	Seen
	Two-barred Warbler	1	Seen
PA-3-11	Spotted Dove	1	H
	Pale-legged Leafwarbler	1	H
	White-crested Laughingthrush	1	H
	Asian fairy Bluebird	1	H
	Asian palm Swift	3	Seen
	Germain's Swiftlet	5	Seen
	Green-eared Barbet	1	H
	Siberian blue Robin	1	H
	Two-barred Warbler	1	H
	Black-crested Bulbul	2	H
PA-3-12	Black-naped Monarch	1	Seen
	Bronze Drongo	1	Seen
	Hainan blue Flycatcher	1	H
	Asian palm Swift	3	Seen
	Germain's Swiftlet	2	Seen
	White-crested Laughingthrush	1	H
	Green-eared Barbet	2	Seen
	Grey eyed Bulbul	1	H
	Dark-necked Tailorbird	1	Seen
	Pin-striped Tit Babbler	1	H
PA-3-13	Grey-headed Woodpecker	1	H
	Oriental-pied Hornbill	2	Seen
	Pin-striped Tit Babbler	1	H
	Common hill Myna	9	Seen
	Hainan blue Flycatcher	1	H
	White-crested Laughingthrush	1	H
	Siberian blue Robin	1	H
	Two-barred Warbler	1	Seen
	Germain's Swiftlet	3	Seen
	Black-naped Oriole	1	Seen
	Greater Coucal	1	H
	Ashy Drongo	1	H
PA-3-14	Puff-throated Babbler	1	H
	Oriental-pied Hornbill	3	Seen
	Stripe-throated Bulbul	1	H
	Common hill Myna	1	H
	Green imperria Pigeon	1	H
	Siberian blue Robin	1	H
	White-crested Laughingthrush	1	H
	Dark-necked Tailorbird	1	H
	Hainan blue Flycatcher	1	H
	Greater racket-tailed Drongo	1	H
PA-3-15	Green-billed Malkoha	1	Seen
	Green-eared Barbet	2	H
	Dark-necked Tailorbird	1	H
	Grey-headed Woodpecker	1	H
	Vernal hanging Parrot	1	Seen

	Bronze Drongo	1	Seen
	Asian fairy Bluebird	1	H
	Black-naped Oriole	1	H
	Common Flameback	2	Seen
	Siberian blue Robin	2	H
PA-3-16	Siberian blue Robin	1	H
	White-crested Laughingthrush	1	H
	Black-crested Bulbul	1	H
	Pin-striped Tit Babbler	1	H
	Green-eared Barbet	1	H
	Hainan blue Flycatcher	1	Seen
	Germain's Swiftlet	3	Seen
	Yellow-browed Warbler	1	H
PA-3-17	Pin-striped Tit Babbler	3	Seen
	Bar-winged Flycatchershrike	3	H
	Hainan blue Flycatcher	1	H
	Black-naped Oriole	1	H
	Two-barred Warbler	1	H
	Siberian blue Robin	1	H
	Dark-necked Tailorbird	2	Seen
	Green-eared Barbet	1	H
	White-crested Laughingthrush	1	H
	Asian fairy Bluebird	1	Seen
	Indochinese blue Flycatcher	1	Seen
PA-3-18	Dark-necked Tailorbird	1	Seen
	Pin-striped Tit Babbler	3	Seen
	Black-naped Oriole	1	H
	Siberian blue Robin	1	H
	Pale-legged Leafwarbler	1	Seen
	Two-barred Warbler	1	Seen
PA-3-19	Germain's Swiftlet	3	Seen
	Black-crested Bulbul	1	H
PA-3-20	Oriental-pied Hornbill	1	H
PA-3-21	Green-billed Malkoha	1	Seen
	Stripe-throated Bulbul	1	H
	Siberian blue Robin	1	H
	Hainan blue Flycatcher	1	H
	Blue-winged Pitta	1	H
	Asian palm Swift	3	Seen
	Germain's Swiftlet	1	Seen
PA-3-22	Stripe-throated Bulbul	1	Seen