

**Table 1:** Maximum count of mammal species recorded in the Project Site and the 500m Assessment Area during surveys

No	Species	Conservation and Protection Status <sup>1</sup>	Project Site
			IF
1	Unidentified bat	Cap.170	Y
<b>Total no. of species recorded</b>			<b>1</b>

**Table 2:** Maximum count of bird species recorded in the Project Site and the 500m Assessment Area during surveys

No	Species	Conservation and Protection Status <sup>1</sup>	Principal Status <sup>2</sup>	Project Site		500m Assessment Area (excluding Project Site)					
				Habitat <sup>3</sup>							
				DA	IF	DA	Gr	IF	PI	Sea	AS
1	Garganey <i>Spatula querquedula</i>	-	M,W							21	
2	Black-crowned Night Heron <i>Nycticorax nycticorax</i>	(LC)	P	20				2			1
3	Chinese Pond Heron <i>Ardeola bacchus</i>	PRC (RC)	P	12				1	4		
4	Eastern Cattle Egret <i>Bubulcus coromandus</i>	(LC)	P	33			6		1		
5	Grey Heron <i>Ardea cinerea</i>	PRC	W	7				1	1		2
6	Great Egret <i>Ardea alba</i>	PRC (RC)	P	37				80	4		82
7	Little Egret <i>Egretta garzetta</i>	PRC (RC)	P	136				190	16		207
8	Great Cormorant <i>Phalacrocorax carbo</i>	PRC	W					19			
9	Black Kite <i>Milvus migrans</i>	(RC) (RC); CITES (II); Cap. 586	W,R	1	4			40	40		
10	Eastern Buzzard <i>Buteo japonicus</i>	CITES (II); Cap. 586	W		1						
11	White-breasted Waterhen <i>Amaurornis phoenicurus</i>	-	R	3							
12	Black-winged Stilt <i>Himantopus himantopus</i>	RC	W				1				
13	Common Sandpiper <i>Actitis hypoleucos</i>	-	M,W	2							

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				Habitat <sup>3</sup>							
				DA	IF	DA	Gr	IF	PI	Sea	AS
14	<b>Green Sandpiper</b> <i>Tringa ochropus</i>	-	W	2							
15	<b>Whiskered Tern</b> <i>Chlidonias hybrida</i>	-	M					39			
16	Spotted Dove <i>Spilopelia chinensis</i>	-	R	29		2	12		5		
17	Asian Koel <i>Eudynamys scolopacea</i>	-	Su,R	2							
18	House Swift <i>Apus nipalensis</i>	-	R,SpM	1	40			2	1		
19	<b>White-throated Kingfisher</b> <i>Halcyon smyrnensis</i>	(LC)	AM,P	1							
20	<b>Common Kingfisher</b> <i>Alcedo atthis</i>	-	AM,P	1							
21	Eurasian Hoopoe <i>Upupa epops</i>	-	OV	1							
22	Scarlet Minivet <i>Pericrocotus speciosus</i>	-	R	3					3		
23	Long-tailed Shrike <i>Lanius schach</i>	-	R	1					1		
24	Black Drongo <i>Dicrurus macrocercus</i>	-	M,Su	2		1			1		
25	Hair-crested Drongo <i>Dicrurus hottentottus</i>	-	M,Su,W	12			5		29		
26	Red-billed Blue Magpie <i>Urocissa erythroryncha</i>	-	R	12					6		
27	<b>Collared Crow</b> <i>Corvus torquatus</i>	LC; IUCN(VU)	R	89		2	114	44	107		
28	Large-billed Crow <i>Corvus macrorhynchos</i>	-	R	1	2						
29	Cinereous Tit <i>Parus cinereus</i>	-	R	7		2			14		
30	Red-whiskered Bulbul <i>Pycnonotus jocosus</i>	-	R	12		6			10		
31	Chinese Bulbul <i>Pycnonotus sinensis</i>	-	R	17		8			6		
32	Chestnut Bulbul <i>Hemixos castanonotus</i>	-	R,W						2		

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				Habitat <sup>3</sup>							
				DA	IF	DA	Gr	IF	PI	Sea	AS
33	Barn Swallow <i>Hirundo rustica</i>	-	SpM,Su	5	3		3				
34	Yellow-browed Warbler <i>Phylloscopus inornatus</i>	-	W	5					6		
35	Dusky Warbler <i>Phylloscopus fuscatus</i>	-	W	13					4		
36	Arctic Warbler <i>Phylloscopus borealis</i>	-	AM	1							
37	<b>Oriental Reed Warbler</b> <b><i>Acrocephalus orientalis</i></b>	-	M	1							
38	<b>Black-browed Reed Warbler</b> <b><i>Acrocephalus bistrigiceps</i></b>	-	M	1							
39	Yellow-bellied Prinia <i>Prinia flaviventris</i>	-	R						1		
40	Common Tailorbird <i>Orthotomus sutorius</i>	-	R	8					1		
41	Masked Laughingthrush <i>Pterorhinus perspicillatus</i>	-	R	4					4		
42	Swinhoe's White-eye <i>Zosterops simplex</i>	-	R,?W	27		7			19		
43	Crested Myna <i>Acridotheres cristatellus</i>	-	R	48			5				
44	Common Myna <i>Acridotheres tristis</i>	-	R	70							
45	Red-billed Starling <i>Spodiopsar sericeus</i>	GC	W	37					16		
46	Black-collared Starling <i>Gracupica nigricollis</i>	-	R	21		12	4		2		
47	White-shouldered Starling <i>Sturnia sinensis</i>	(LC)	M,W,Su	1							
48	Japanese Thrush <i>Turdus cardis</i>	-	M,W						2		
49	Oriental Magpie Robin <i>Copsychus saularis</i>	-	R	15		2	2		1		
50	Blue Whistling Thrush <i>Myophonus caeruleus</i>	-	R				1		1		

No	Species	Conservation and Protection Status <sup>1</sup>	Principal Status <sup>2</sup>	Project Site		500m Assessment Area (excluding Project Site)					
				Habitat <sup>3</sup>							
				DA	IF	DA	Gr	IF	PI	Sea	AS
51	Red-throated Flycatcher <i>Ficedula albicilla</i>	-	AM,W	1							
52	Daurian Redstart <i>Phoenicurus aureus</i>	-	W	3			1				
53	Stejneger's Stonechat <i>Saxicola stejnegeri</i>	-	W,M	1			1				
54	Eurasian Tree Sparrow <i>Passer montanus</i>	-	R	28		27			9		
55	White-rumped Munia <i>Lonchura striata</i>	-	R	7							
56	Scaly-breasted Munia <i>Lonchura punctulata</i>	-	R	9							
57	Eastern Yellow Wagtail <i>Motacilla tschutschensis</i>	-	M,W	1							
58	Grey Wagtail <i>Motacilla cinerea</i>	-	W	4			1		1		
59	White Wagtail <i>Motacilla alba</i>	-	W,R	74			6		1		
60	Richard's Pipit <i>Anthus richardi</i>	-	W,R				1				
61	Olive-backed Pipit <i>Anthus hodgsoni</i>	-	W	1			8				
<b>Total no. of species recorded</b>				<b>51</b>	<b>5</b>	<b>10</b>	<b>16</b>	<b>10</b>	<b>32</b>	<b>1</b>	<b>4</b>
<b>Total no. of Species of Conservation Concern or Wetland Dependent Species recorded</b>				<b>17</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>9</b>	<b>8</b>	<b>1</b>	<b>4</b>

## Notes:

- Wetland species highlighted in bold.
- Conservation and Protection Status refers to Fellowes *et al.* (2002), IUCN (2020).
  - Conservation status by Fellowes *et al.* (2002): LC = Local Concern; RC = Regional Concern; PRC = Potential Regional Concern; GC = Global Concern. Letters in Parentheses indicate that assessment is on the basis of restrictedness in breeding and/or roosting sites rather than general occurrence.
  - Conservation status by the International Union for Conservation of Nature (IUCN) Red List of Threatened Species (2020): VU = Vulnerable.
  - Conservation status by the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) (2021); II = Appendix II
  - Cap. 586 = Protection of Endangered Species of Animals and Plants Ordinance
- Principal Status follows Carey *et al.* (2001): R=resident; W=winter visitor; Su=summer visitor; M=migrant; Sp=spring; A=autumn; P=present all year, exact composition unknown.
- Habitat: DA = Developed Area; IF = In Flight; PI = Plantation; Gr = Grassland; Sea = Sea; AS = Artificial Seawall.

**Table 3:** Maximum count of amphibian species recorded in the Project Site and the 500m Assessment Area during surveys

Species	Conservation and Protection Status <sup>1</sup>	Status in Hong Kong <sup>2</sup>	500m Assessment Area (Outside Project Site)	
			Habitat <sup>3</sup>	
			DA	
Asian Common Toad <i>Duttaphrynus melanostictus</i>	-	Widely distributed in Hong Kong.		4*
Asiatic Painted Frog <i>Kaloula pulchra</i>	-	Widely distributed in Hong Kong.		2
<b>Total no. of species recorded</b>				<b>2</b>

Notes:

1. Conservation and Protection Status refers to Fellowes *et al.* (2002) and IUCN (2020).
2. Status in Hong Kong follows Hong Kong Biodiversity Database (AFCD, 2020).
3. Habitat: DA = Developed Area.
4. \*Eggs observed

**Table 4:** Maximum count of reptile species recorded in the Project Sites and the 500m Assessment Area during surveys

Species	Conservation and Protection Status <sup>1</sup>	Status in Hong Kong <sup>2</sup>	Project Site	500m Assessment Area (Outside Project Site)
			Habitat <sup>3</sup>	
			DA	DA
Bowring's Gecko <i>Hemidactylus bowringii</i>	-	Distributed throughout Hong Kong.		1
Long-tailed Skink <i>Eutropis longicaudata</i>	-	Widely distributed throughout Hong Kong.	1	
<b>Total no. of species recorded</b>			<b>1</b>	<b>1</b>

Notes:

1. Conservation and Protection Status refers to Fellowes *et al.* (2002) and IUCN (2020).
2. Status in Hong Kong follows Hong Kong Biodiversity Database (AFCD, 2020).
3. Habitat: DA = Developed Area.

**Table 5:** Maximum count of butterfly species recorded in the Project Site and the 500m Assessment Area during surveys

No	Species	Conservation and Protection Status <sup>1</sup>	Status in Hong Kong <sup>2</sup>	Project Site	500m Assessment Area (Outside Project Site)		
				Habitat <sup>3</sup>			
				DA	Gr	PI	AS
1	Plains Cupid <i>Chilades pandava</i>	-	Uncommon	1			
2	Metallic Cerulean <i>Jamides alecto</i>	-	Very Rare			1	
3	Pale Grass Blue <i>Pseudozizeeria maha</i>	-	Very Common	2	6		
4	Common Tiger <i>Danaus genutia</i>	-	Common		1	2	11
5	Common Indian Crow <i>Euploea core</i>	-	Common			2	8
6	Blue Tiger <i>Tirumala limniace</i>	-	Common				10
7	Common Sailer <i>Neptis hylas</i>	-	Very Common		1		
8	Common Five-ring <i>Ypthima baldus</i>	-	Very Common	2		5	
9	Common Mormon <i>Papilio polytes</i>	-	Very Common		3	4	
10	Spangle <i>Papilio protenor</i>	-	Very Common	1		2	
11	Swallowtail <i>Papilio xuthus</i>	-	Rare				1
12	Lemon Emigrant <i>Catopsilia pomona</i>	-	Common	1	3	3	
13	Common Grass Yellow <i>Eurema hecabe</i>	-	Very Common	1	3	2	
14	Red-base Jezebel <i>Delias pasithoe</i>	-	Very Common	1			2
<b>Total no. of species recorded</b>				<b>7</b>	<b>6</b>	<b>8</b>	<b>5</b>

## Notes:

1. Conservation and Protection Status refers to Fellowes *et al.* (2002) and Hong Kong Biodiversity Database (AFCD, 2020).
2. Status in Hong Kong follows Hong Kong Biodiversity Database (AFCD, 2020)
3. Habitat: DA = Developed Area; Gr = Grassland; PI = Plantation; AS = Artificial Seawall.

**Table 6:** Maximum count of dragonfly species recorded in the Project Site and the 500m Assessment Area during surveys

No	Species	Conservation and Protection Status <sup>1</sup>	Status in Hong Kong <sup>2</sup>	Project Site	500m Assessment Area (Outside Project Site)				
				Habitat <sup>3</sup>					
				DA	Gr	PI	WC	AS	
1	Pale-spotted Emperor <i>Anax guttatus</i>	-	Common	1					
2	Common Blue Skimmer <i>Orthetrum glaucum</i>	-	Abundant		1				
3	Common Red Skimmer <i>Orthetrum pruinosum</i>	-	Abundant				1		
4	Green Skimmer <i>Orthetrum sabina</i>	-	Abundant	6					
5	Wandering Glider <i>Pantala flavescens</i>	-	Abundant	10	1	1			1
6	Variiegated Flutterer <i>Rhyothemis variegata</i>	-	Common	2					
7	Indigo Dropwing <i>Trithemis festiva</i>	-	Abundant		1				
<b>Total no. of species recorded</b>				<b>4</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

Notes:

1. Conservation and Protection Status refers to Fellowes *et al.* (2002) and IUCN (2020).
2. Status in Hong Kong follows Hong Kong Biodiversity Database (AFCD, 2020).
3. Habitat: DA = Developed Area; Gr = Grassland; PI = Plantation; WC = Watercourse; AS= Artificial Seawall.

**Table 7:** Intertidal Fauna recorded with their Relative Abundance

Taxa	Species	Relative Abundance*	
		Wet Season (29 Sep 2020)	Dry Season (14 Jan 2021)
Anemone	<i>Haliplanella lineata</i>		+
Barnacle	<i>Balanus amphitrite</i>	++	++
Bivalve	<i>Barbatia virescens</i>	+	+
	<i>Brachidontes variabilis</i>	++	
	<i>Isognomon isognomum</i>		++
	<i>Perna viridis</i>		++
	<i>Saccostrea cucullata</i>	++++	++++
	<i>Septifer virgatus</i>	+	++
Crab	<i>Metopograpsus frontalis</i>	+++	
Gastropod	<i>Cellana grata</i>		+
	<i>Cellana toreuma</i>		++
	<i>Echinodittorina radiata</i>		+
	<i>Lunella coronata</i>		+
	<i>Monodonta labio</i>	++	+
	<i>Nipponacmea concinna</i>		++
	<i>Patelloida pygamaea</i>		+
	<i>Planaxis sulcatus</i>		+
	<i>Reishia clavigera</i>		+
<i>Siphonaria japonica</i>		+	
Isopod	<i>Ligia exotica</i>	+	
<b>Total no. of species recorded</b>		<b>8</b>	<b>17</b>

Notes:

\* Relative Abundance: + = scarce; ++ = occasional; +++ = common; ++++ = abundant.