

Annex 9E

Data from Avifauna Survey

Table 1 Checklist of Seabird Species Recorded in Hong Kong

Principal Status in Hong Kong: R = Resident, W = Winter Visitor, Su = Summer Visitor;
M = Migrant; A= Autumn, Sp = Spring, O = Occasional, "-" = cannot be determined

No.	Common Name	Scientific Name	Principal Status
1	Masked Booby	<i>Sula dactylatra</i>	-
2	Brown Booby	<i>Sula leucogaster</i>	-
3	Red-footed Booby	<i>Sula sula</i>	-
4	Great Cormorant	<i>Phalacrocorax carbo</i>	W
5	Christmas Island Frigatebird	<i>Fregata andrewsi</i>	-
6	Lesser Frigatebird	<i>Fregata ariel</i>	O
7	Great Frigatebird	<i>Fregata minor</i>	-
8	Brown-headed Gull	<i>Larus brunnicephalus</i>	M
9	Yellow-legged Gull / Caspian gull	<i>Larus cachinnans</i>	W, M
10	Mew Gull	<i>Larus canus</i>	M
11	Black-tailed Gull	<i>Larus crassirostris</i>	W, M
12	Slender-billed Gull	<i>Larus genei</i>	-
13	Glaucous-winged Gull	<i>Larus glaucescens</i>	M
14	Heuglin's Gull	<i>Larus heuglini</i>	W, M
15	Glaucous Gull	<i>Larus hyperboreus</i>	OW
16	Pallas's Gull	<i>Larus ichthyaetus</i>	W, M
17	Little Gull	<i>Larus minutus</i>	-
18	Relict Gull	<i>Larus relictus</i>	OW
19	Black-headed Gull	<i>Larus ridibundus</i>	W
20	Saunders's Gull	<i>Larus saundersi</i>	W, M
21	Slaty-backed Gull	<i>Larus schistisagus</i>	W, M
22	Vega Gull	<i>Larus vegae</i>	-
23	Franklin's Gull	<i>Leucophaeus pipixcan</i>	-
24	Black-legged Kittiwake	<i>Rissa tridactyla</i>	W
25	Long-tailed Jaeger	<i>Stercorarius longicaudus</i>	SpM
26	Parasitic Jaeger	<i>Stercorarius parasiticus</i>	-
27	Pomarine Jaeger	<i>Stercorarius pomarinus</i>	-
28	Ancient Murrelet	<i>Synthliboramphus antiquus</i>	M
29	Japanese Murrelet	<i>Synthliboramphus wumizusume</i>	-
30	Bulwer's Petrel	<i>Bulweria bulwerii</i>	-
31	Red Phalarope	<i>Phalaropus fulicarius</i>	-
32	Red-necked Phalarope	<i>Phalaropus lobatus</i>	M
33	Wedge-tailed Shearwater	<i>Ardenna pacificus</i>	-
34	Short-tailed Shearwater	<i>Ardenna tenuirostris</i>	-
35	Streaked Shearwater	<i>Calonectris leucomelas</i>	SpM
36	Black Noddy	<i>Anous minutus</i>	-
37	Brown Noddy	<i>Anous stolidus</i>	-
38	Whiskered Tern	<i>Chlidonias hybridus</i>	M
39	White-winged Tern	<i>Chlidonias leucopterus</i>	M
40	Little Tern	<i>Sterna albifrons</i>	M
41	Aleutian Tern	<i>Sterna aleutica</i>	AM
42	Bridled Tern	<i>Sterna anaethetus</i>	Su,M
43	Greater Crested Tern	<i>Sterna bergii</i>	M
44	Caspian Tern	<i>Sterna caspia</i>	M
45	Roseate Tern	<i>Sterna dougallii</i>	Su
46	Sooty Tern	<i>Sterna fuscata</i>	-
47	Common Tern	<i>Sterna hirundo</i>	M
48	Gull-billed Tern	<i>Sterna nilotica</i>	M
49	Black-naped Tern	<i>Sterna sumatrana</i>	Su
50	White-tailed Tropicbird	<i>Phaethon lepturus</i>	-

Table 2 Sighting Records during the Boat-based Avifauna Surveys from July 2016 to June 2017

No.	Date	Time	Scientific Name	Common Name	Sighting Coordinates	Sighting Distance (m)	Beaufort	Flying Path (°)	Group Size	Group Composition (A: Adult; J: Juvenile)	Elevation (m)	Behaviour
1	14/7/2016	11:17	<i>Milvus migrans</i>	Black Kite	N22°09.466' E113°53.287'	300	2	90	1	Adult	200	Foraging
2	14/7/2016	11:19	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°09.767' E113°53.290'	50	2	180	1	Adult	8	Flying
3	14/7/2016	11:21	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.055' E113°53.286'	200	2	40	7	Adult	20	Foraging
4	14/7/2016	11:24	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.458' E113°53.294'	150	2	60	2	Adult	8	Foraging
5	14/7/2016	11:27	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.677' E113°53.305'	10	2	260	4	3A; 1J	10	Foraging
6	14/7/2016	11:34	<i>Sterna sumatrana</i>	Black-naped Tern	N22°11.105' E113°53.286'	50	2	320	1	Adult	15	Flying
7	14/7/2016	11:37	<i>Sterna sumatrana</i>	Black-naped Tern	N22°11.416' E113°53.283'	5	2	20	1	Adult	15	Flying
8	14/7/2016	11:41	<i>Sterna sumatrana</i>	Black-naped Tern	N22°11.902' E113°53.299'	150	2	60	5	Adult	5	Foraging
9	14/7/2016	11:56	<i>Milvus migrans</i>	Black Kite	N22°12.482' E113°54.173'	100	2	0	1	Adult	50	Flying
10	14/7/2016	12:04	<i>Milvus migrans</i>	Black Kite	N22°12.429' E113°54.381'	150	2	220	3	Adult	40	Foraging
11	14/7/2016	12:07	<i>Sterna sumatrana</i>	Black-naped Tern	N22°12.146' E113°54.466'	150	2	110	1	Adult	10	Flying
12	14/7/2016	12:09	<i>Sterna sumatrana</i>	Black-naped Tern	N22°11.858' E113°54.467'	80	2	NA	16	14A; 2J	1	Roosting
13	14/7/2016	12:13	<i>Milvus migrans</i>	Black Kite	N22°11.420' E113°54.366'	150	2	NA	1	Adult	50	Roosting
14	14/7/2016	12:13	<i>Egretta sacra</i>	Pacific Reef Egret	N22°11.420' E113°54.297'	200	2	NA	1	Adult	1	Roosting
15	14/7/2016	12:15	<i>Acridotheres cristatellus</i>	Crested Myna	N22°11.310' E113°54.285'	150	2	NA	1	Adult	5	Roosting
16	14/7/2016	12:15	<i>Milvus migrans</i>	Black Kite	N22°11.208' E113°54.250'	100	2	240	2	Adult	200	Foraging
17	14/7/2016	12:25	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.776' E113°54.241'	300	2	180	2	Adult	50	Flying
18	14/7/2016	12:27	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.607' E113°54.421'	250	2	NA	30	28A; 2J	5	Roosting
19	14/7/2016	12:30	<i>Spilopelia chinensis</i>	Spotted Dove	N22°10.247' E113°54.441'	80	2	NA	1	Adult	5	Roosting
20	14/7/2016	12:32	<i>Milvus migrans</i>	Black Kite	N22°10.127' E113°54.291'	300	2	NA	1	Adult	200	Foraging
21	14/7/2016	12:39	<i>Haliaeetus leucogaster</i>	White-bellied Sea Eagle	N22°09.540' E113°53.904'	200	2	NA	1	Adult	80	Roosting
22	14/7/2016	12:39	<i>Acridotheres cristatellus</i>	Crested Myna	N22°09.540' E113°53.904'	200	2	NA	1	Adult	80	Roosting
23	14/7/2016	12:40	<i>Milvus migrans</i>	Black Kite	N22°09.451' E113°53.992'	200	2	NA	1	Adult	100	Roosting
24	14/7/2016	12:40	<i>Milvus migrans</i>	Black Kite	N22°09.451' E113°53.992'	200	2	120	2	Adult	200	Foraging
25	14/7/2016	12:40	<i>Acridotheres cristatellus</i>	Crested Myna	N22°09.451' E113°53.992'	200	2	NA	3	Adult	200	Roosting
26	14/7/2016	12:50	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°08.893' E113°55.111'	250	3	250	2	Adult	10	Foraging
27	14/7/2016	12:55	<i>Milvus migrans</i>	Black Kite	N22°09.073' E113°55.675'	350	3	NA	1	Adult	20	Roosting
28	14/7/2016	12:57	<i>Sterna sumatrana</i>	Black-naped Tern	N22°09.261' E113°55.656'	2	2	0	6	5A; 1J	8	Foraging
29	14/7/2016	13:06	<i>Milvus migrans</i>	Black Kite	N22°10.868' E113°55.691'	500	2	NA	1	Adult	30	Roosting
30	14/7/2016	13:08	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.868' E113°55.691'	500	2	280	2	Adult	10	Flying
31	14/7/2016	13:08	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.868' E113°55.691'	200	2	NA	1	Adult	20	Roosting
32	14/7/2016	13:42	<i>Sterna sumatrana</i>	Black-naped Tern	N22°12.043' E113°56.755'	100	2	60	2	Adult	10	Flying
33	14/7/2016	13:44	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°11.901' E113°56.757'	30	2	260	2	Adult	10	Flying
34	14/7/2016	13:56	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.689' E113°56.787'	150	2	310	1	Adult	10	Flying
35	14/7/2016	13:58	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.525' E113°56.802'	800	2	310	1	Adult	10	Flying
36	14/7/2016	14:02	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°10.207' E113°56.814'	50	2	300	2	Adult	10	Flying
37	14/7/2016	14:21	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°09.125' E113°57.543'	250	2	20	1	Adult	10	Flying
38	14/7/2016	14:28	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°09.735' E113°57.995'	100	2	180	1	Adult	10	Flying
39	14/7/2016	14:39	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°11.216' E113°57.928'	50	2	0	1	Adult	10	Flying
40	14/7/2016	14:40	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°11.452' E113°57.943'	300	2	60	1	Adult	10	Flying
41	14/7/2016	14:45	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°12.132' E113°57.935'	100	2	90	6	Adult	10	Foraging
42	14/7/2016	15:03	<i>Milvus migrans</i>	Black Kite	N22°13.071' E113°58.605'	200	2	340	3	Adult	180	Foraging
43	14/7/2016	15:04	<i>Milvus migrans</i>	Black Kite	N22°12.961' E113°58.738'	250	2	110	1	Adult	20	Foraging
44	14/7/2016	15:05	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12.835' E113°58.930'	150	2	NA	1	Adult	5	Roosting
45	14/7/2016	16:07	<i>Milvus migrans</i>	Black Kite	N22°12.032' E114°00.279'	400	1	200	2	Adult	80	Foraging
46	14/7/2016	16:10	<i>Sterna sumatrana</i>	Black-naped Tern	N22°12.444' E114°00.280'	150	1	280	1	Adult	5	Foraging
47	14/7/2016	16:10	<i>Milvus migrans</i>	Black Kite	N22°12.444' E114°00.280'	800	1	190	2	Adult	50	Flying
48	14/7/2016	16:12	<i>Milvus migrans</i>	Black Kite	N22°12.703' E114°00.270'	300	1	270	3	Adult	250	Foraging
49	28/7/2016	10:55	<i>Milvus migrans</i>	Black Kite	N22°12.070' E114°00.832'	500	1	40	5	Adult	200	Foraging
50	28/7/2016	11:02	<i>Milvus migrans</i>	Black Kite	N22°12.826' E114°00.700'	200	1	320	1	Adult	50	Roosting
51	28/7/2016	11:05	<i>Milvus migrans</i>	Black Kite	N22°12.790' E114°00.192'	300	1	260	2	Adult	150	Foraging
52	28/7/2016	11:07	<i>Milvus migrans</i>	Black Kite	N22°12.784' E113°59.925'	80	1	NA	1	Adult	15	Roosting
53	28/7/2016	11:17	<i>Spilopelia chinensis</i>	Spotted Dove	N22°11.790' E113°59.711'	80	1	NA	1	Adult	5	Roosting
54	28/7/2016	11:20	<i>Hirundo rustica</i>	Barn Swallow	N22°11.460' E113°59.714'	80	1	320	1	Adult	50	Flying
55	28/7/2016	11:20	<i>Dicrurus macrocoercus</i>	Black Drongo	N22°11.460' E113°59.714'	80	1	NA	1	Adult	50	Roosting
56	28/7/2016	11:26	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.657' E113°59.710'	50	2	90	2	Adult	10	Flying
57	28/7/2016	11:30	<i>Hirundo rustica</i>	Barn Swallow	N22°10.169' E113°59.713'	200	2	180	1	Adult	20	Flying
58	28/7/2016	11:51	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°09.507' E113°58.535'	30	2	NA	1	Adult	1	Roosting
59	28/7/2016	13:23	<i>Milvus migrans</i>	Black Kite	N22°09.680' E113°56.219'	400	2	270	1	Adult	50	Foraging
60	28/7/2016	13:47	<i>Milvus migrans</i>	Black Kite	N22°12.690' E113°56.212'	150	2	330	1	Adult	30	Foraging
61	28/7/2016	13:54	<i>Milvus migrans</i>	Black Kite	N22°13.165' E113°56.096'	100	2	330	2	Adult	50	Foraging
62	28/7/2016	13:58	<i>Milvus migrans</i>	Black Kite	N22°12.700' E113°55.998'	50	2	NA	1	Adult	2	Roosting
63	28/7/2016	14:02	<i>Milvus migrans</i>	Black Kite	N22°12.408' E113°55.492'	60	2	NA	1	Adult	15	Roosting
64	28/7/2016	14:28	<i>Milvus migrans</i>	Black Kite	N22°11.367' E113°55.070'	200	2	240	2	Adult	100	Foraging
65	28/7/2016	14:31	<i>Milvus migrans</i>	Black Kite	N22°11.033' E113°55.132'	200	2	210	2	Adult	100	Foraging
66	28/7/2016	14:32	<i>Milvus migrans</i>	Black Kite	N22°10.960' E113°55.213'	80	2	NA	1	Adult	30	Roosting
67	28/7/2016	14:34	<i>Milvus migrans</i>	Black Kite	N22°10.960' E113°55.213'	80	2	90	1	Adult	50	Foraging
68	28/7/2016	14:38	<i>Acridotheres cristatellus</i>	Crested Myna	N22°10.234' E113°55.167'	150	2	340	4	Adult	60	Flying
69	28/7/2016	14:41	<i>Milvus migrans</i>	Black Kite	N22°09.923' E113°55.118'	150	2	270	1	Adult	70	Foraging
70	28/7/2016	14:43	<i>Milvus migrans</i>	Black Kite	N22°09.669' E113°55.071'	200	2	220	2	Adult	150	Foraging
71	28/7/2016	14:44	<i>Milvus migrans</i>	Black Kite	N22°09.574' E113°55.063'	200	2	NA	1	Adult	50	Roosting
72	28/7/2016	14:46	<i>Sterna sumatrana</i>	Black-naped Tern	N22°09.333' E113°55.075'	300	2	180	2	Adult	10	Flying
73	28/7/2016	15:03	<i>Sterna sumatrana</i>	Black-naped Tern	N22°08.931' E113°53.871'	500	2	90	2	Adult	20	Flying
74	28/7/2016	15:04	<i>Sterna sumatrana</i>	Black-naped Tern	N22°09.036' E113°53.837'	200	2	0	14	Adult	50	Flying
75	28/7/2016	15:07	<i>Haliaeetus leucogaster</i>	White-bellied Sea Eagle	N22°09.450' E113°53.833'	250	2	NA	1	Adult	30	Roosting
76	28/7/2016	15:07	<i>Acridotheres cristatellus</i>	Crested Myna	N22°09.450' E113°53.833'	250	2	NA	1	Adult	30	Roosting
77	28/7/2016	15:14	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.256' E113°53.835'	200	2	270	1	Adult	10	Flying
78	28/7/2016	15:15	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.452' E113°53.833'	200	2	0	12	Adult	10	Flying
79	28/7/2016	15:15	<i>Milvus migrans</i>	Black Kite	N22°10.452' E113°53.833'	200	2	0	1	Adult	30	Foraging
80	28/7/2016	15:22	<i>Milvus migrans</i>	Black Kite	N22°11.443' E113°53.832'	150	2	140	1	Adult	10	Foraging
81	28/7/2016	15:24	<i>Sterna sumatrana</i>	Black-naped Tern	N22°11.753' E113°53.832'	100	2	80	1	Adult	10	Flying
82	28/7/2016	15:24	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°11.753' E113°53.832'	100	2	270	3	Adult	10	Flying
83	28/7/2016	15:24	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°11.912' E113°53.830'	50	2	240	1	Adult	10	Flying
84	8/8/2016	10:20	<i>Hirundo rustica</i>	Barn Swallow	N22°09.595' E114°00.851'	50	2	180	1	Adult	10	Flying
85	8/8/2016	10:20	<i>Hirundo rustica</i>	Barn Swallow	N22°09.595' E114°00.851'	50	2	260	1	Adult	10	Flying
86	8/8/2016	10:26	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°10.258' E114°00.711'	50	2	80	1	Adult	10	Flying
87	8/8/2016	10:32	<i>Hirundo rustica</i>	Barn Swallow	N22°11.024' E114°00.759'	80	2	180	1	Adult	10	Flying
88	8/8/2016	10:36	<i>Milvus migrans</i>	Black Kite	N22°11.506' E114°00.721'	300	2	60	1	Adult	20	Foraging
89	8/8/2016	10:40	<i>Milvus migrans</i>	Black Kite	N22°12.027' E114°00.803'	300	2	90	4	Adult	60	Foraging
90	8/8/2016	10:43	<i>Milvus migrans</i>	Black Kite	N22°12.417' E114°00.859'	300	2	280	1	Adult	30	Foraging
91	8/8/2016	10:43	<i>Sterna sumatrana</i>	Black-naped Tern	N22°12.505' E114°00.863'	180	2	NA	4	Adult	1	Roosting
92	8/8/2016	10:49	<i>Milvus migrans</i>	Black Kite	N22°12.844' E114°00.425'	100	2	0	1	Adult	60	Foraging
93	8/8/2016	10:53	<i>Milvus migrans</i>	Black Kite	N22°12.811' E113°59.908'	100	2	NA	1	Adult	10	Roosting
94	8/8/2016	10:53	<i>Egretta</i>									

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No.	Date	Time	Scientific Name	Common Name	Sighting Coordinates	Sighting Distance (m)	Beaufort	Flying Path (°)	Group Size	Group Composition (A: Adult; J: Juvenile)	Elevation (m)	Behaviour
115	8/8/2016	13:20	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°11.020' E113°56.286'	50	2	180	1	Adult	10	Flying
116	8/8/2016	13:20	<i>Milvulus migrans</i>	Black Kite	N22°11.020' E113°56.286'	50	2	180	1	Adult	10	Foraging
117	8/8/2016	13:27	<i>Hirundo rustica</i>	Barn Swallow	N22°11.947' E113°56.227'	30	2	270	2	Adult	5	Flying
118	8/8/2016	13:35	<i>Egretta sacra</i>	Pacific Reef Egret	N22°13.031' E113°56.169'	200	2	NA	2	Adult	5	Roosting
119	8/8/2016	13:41	<i>Milvulus migrans</i>	Black Kite	N22°12.756' E113°56.012'	100	2	NA	2	Adult	3	Roosting
120	8/8/2016	13:45	<i>Milvulus migrans</i>	Black Kite	N22°12.420' E113°55.670'	150	2	300	1	Adult	80	Foraging
121	8/8/2016	13:50	<i>Milvulus migrans</i>	Black Kite	N22°12.274' E113°55.163'	200	2	NA	1	Adult	20	Roosting
122	8/8/2016	13:59	<i>Milvulus migrans</i>	Black Kite	N22°11.503' E113°55.087'	200	2	180	2	Adult	50	Foraging
123	8/8/2016	14:00	<i>Milvulus migrans</i>	Black Kite	N22°11.400' E113°55.109'	300	2	270	2	Adult	100	Foraging
124	8/8/2016	14:00	<i>Milvulus migrans</i>	Black Kite	N22°11.400' E113°55.109'	200	2	320	1	Adult	30	Foraging
125	8/8/2016	14:02	<i>Hirundo rustica</i>	Barn Swallow	N22°11.171' E113°55.210'	100	2	240	1	Adult	40	Flying
126	8/8/2016	14:03	<i>Milvulus migrans</i>	Black Kite	N22°11.001' E113°55.243'	100	2	150	1	Adult	30	Foraging
127	8/8/2016	14:05	<i>Milvulus migrans</i>	Black Kite	N22°10.746' E113°55.270'	150	2	60	1	Adult	30	Flying
128	8/8/2016	14:10	<i>Milvulus migrans</i>	Black Kite	N22°10.277' E113°55.172'	200	2	180	1	Adult	60	Foraging
129	8/8/2016	14:11	<i>Thalasseus bergii</i>	Greater Crested Tern	N22°09.997' E113°55.135'	150	2	270	1	Adult	20	Flying
130	8/8/2016	14:15	<i>Milvulus migrans</i>	Black Kite	N22°09.598' E113°55.063'	150	2	NA	1	Adult	10	Roosting
131	8/8/2016	14:31	<i>Milvulus migrans</i>	Black Kite	N22°09.034' E113°53.754'	200	2	30	1	Adult	150	Foraging
132	8/8/2016	14:44	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.658' E113°53.812'	50	2	0	4	Adult	10	Foraging
133	8/8/2016	14:44	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.658' E113°53.812'	100	2	NA	2	Adult	5	Roosting
134	8/8/2016	14:50	<i>Sterna sumatrana</i>	Black-naped Tern	N22°11.388' E113°53.779'	100	2	300	5	Adult	10	Flying
135	8/8/2016	14:50	<i>Milvulus migrans</i>	Black Kite	N22°11.388' E113°53.779'	100	2	160	1	Adult	15	Flying
136	8/8/2016	14:53	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°11.739' E113°53.762'	150	2	100	1	Adult	30	Flying
137	8/8/2016	14:54	<i>Milvulus migrans</i>	Black Kite	N22°11.955' E113°53.783'	100	2	180	8	Adult	10	Flying
138	8/8/2016	14:58	<i>Milvulus migrans</i>	Black Kite	N22°12.464' E113°53.818'	100	2	240	3	Adult	10	Foraging
139	8/8/2016	15:00	<i>Milvulus migrans</i>	Black Kite	N22°12.735' E113°53.789'	80	2	40	3	Adult	30	Foraging
140	12/8/2016	10:09	<i>Milvulus migrans</i>	Black Kite	N22°12.311' E114°00.221'	150	2	NA	1	Adult	80	Roosting
141	12/8/2016	10:11	<i>Milvulus migrans</i>	Black Kite	N22°12.147' E114°00.221'	250	2	120	2	Adult	30	Foraging
142	12/8/2016	11:03	<i>Milvulus migrans</i>	Black Kite	N22°11.860' E113°58.726'	150	2	NA	1	Adult	20	Roosting
143	12/8/2016	11:03	<i>Ceryle rudis</i>	Pied Kingfisher	N22°11.860' E113°58.726'	100	2	40	1	Adult	30	Flying
144	12/8/2016	11:06	<i>Corvus macrorhynchos</i>	Large-billed Crow	N22°12.302' E113°59.023'	250	2	NA	1	Adult	80	Roosting
145	12/8/2016	11:13	<i>Actitis hypoleucos</i>	Common Sandpiper	N22°13.030' E113°58.655'	100	2	NA	1	Adult	5	Roosting
146	12/8/2016	11:13	<i>Milvulus migrans</i>	Black Kite	N22°13.030' E113°58.655'	150	2	NA	1	Adult	20	Roosting
147	12/8/2016	11:13	<i>Egretta sacra</i>	Pacific Reef Egret	N22°13.030' E113°58.655'	100	2	NA	1	Adult	5	Roosting
148	12/8/2016	11:45	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°10.117' E113°57.883'	50	2	270	1	Adult	20	Flying
149	12/8/2016	12:22	<i>Thalasseus bergii</i>	Greater Crested Tern	N22°11.863' E113°56.774'	200	2	180	1	Adult	20	Flying
150	12/8/2016	12:27	<i>Milvulus migrans</i>	Black Kite	N22°12.467' E113°56.729'	200	2	200	1	Adult	30	Foraging
151	12/8/2016	12:29	<i>Milvulus migrans</i>	Black Kite	N22°12.687' E113°56.688'	250	2	NA	1	Adult	80	Roosting
152	12/8/2016	12:37	<i>Milvulus migrans</i>	Black Kite	N22°13.317' E113°56.560'	100	2	210	1	Adult	100	Foraging
153	12/8/2016	12:40	<i>Milvulus migrans</i>	Black Kite	N22°12.960' E113°56.277'	150	2	220	2	Adult	80	Foraging
154	12/8/2016	12:40	<i>Milvulus migrans</i>	Black Kite	N22°12.960' E113°56.277'	200	2	300	2	Adult	150	Foraging
155	12/8/2016	12:53	<i>Milvulus migrans</i>	Black Kite	N22°11.525' E113°55.649'	300	2	210	2	Adult	80	Foraging
156	12/8/2016	12:57	<i>Milvulus migrans</i>	Black Kite	N22°10.963' E113°55.654'	200	2	240	1	Adult	10	Foraging
157	12/8/2016	12:58	<i>Pycnonotus sinensis</i>	Chinese Bulbul	N22°10.812' E113°55.659'	200	2	NA	2	Adult	60	Roosting
158	12/8/2016	13:00	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.555' E113°55.654'	100	2	NA	1	Adult	5	Roosting
159	12/8/2016	13:03	<i>Milvulus migrans</i>	Black Kite	N22°10.162' E113°55.649'	200	2	260	1	Adult	80	Foraging
160	12/8/2016	13:20	<i>Milvulus migrans</i>	Black Kite	N22°09.210' E113°55.639'	200	2	NA	1	Adult	30	Roosting
161	12/8/2016	13:24	<i>Egretta sacra</i>	Pacific Reef Egret	N22°08.811' E113°55.593'	200	2	NA	1	Adult	2	Roosting
162	12/8/2016	13:26	<i>Milvulus migrans</i>	Black Kite	N22°08.811' E113°55.593'	200	2	NA	1	Adult	10	Roosting
163	12/8/2016	13:28	<i>Milvulus migrans</i>	Black Kite	N22°08.914' E113°55.020'	200	2	220	1	Adult	30	Foraging
164	12/8/2016	13:36	<i>Milvulus migrans</i>	Black Kite	N22°08.949' E113°54.451'	250	2	NA	1	Adult	80	Roosting
165	12/8/2016	13:36	<i>Halaeletus leucogaster</i>	White-bellied Sea Eagle	N22°08.949' E113°54.451'	200	2	NA	1	Adult	30	Roosting
166	12/8/2016	13:40	<i>Acridotheres cristatellus</i>	Crested Myna	N22°09.345' E113°54.068'	50	2	NA	4	Adult	30	Roosting
167	12/8/2016	13:43	<i>Milvulus migrans</i>	Black Kite	N22°09.464' E113°54.004'	100	2	240	2	Adult	150	Foraging
168	12/8/2016	13:49	<i>Milvulus migrans</i>	Black Kite	N22°10.080' E113°54.331'	200	2	NA	1	Adult	30	Roosting
169	12/8/2016	13:55	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.775' E113°54.267'	150	2	270	10	Adult	20	Foraging
170	12/8/2016	13:55	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.775' E113°54.267'	150	2	90	5	Adult	20	Foraging
171	12/8/2016	13:56	<i>Milvulus migrans</i>	Black Kite	N22°10.933' E113°54.288'	100	2	NA	1	Adult	10	Roosting
172	12/8/2016	13:56	<i>Egretta sacra</i>	Pacific Reef Egret	N22°10.933' E113°54.288'	100	2	90	1	Adult	5	Flying
173	12/8/2016	13:57	<i>Milvulus migrans</i>	Black Kite	N22°11.025' E113°54.299'	100	2	180	1	Adult	20	Flying
174	12/8/2016	13:59	<i>Milvulus migrans</i>	Black Kite	N22°11.319' E113°54.396'	50	2	NA	2	Adult	20	Roosting
175	12/8/2016	14:03	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°11.962' E113°54.435'	150	2	280	1	Adult	15	Flying
176	12/8/2016	14:04	<i>Sterna sumatrana</i>	Black-naped Tern	N22°11.962' E113°54.435'	80	2	NA	1	Adult	2	Roosting
177	12/8/2016	14:06	<i>Milvulus migrans</i>	Black Kite	N22°12.285' E113°54.455'	150	2	NA	1	Adult	30	Roosting
178	12/8/2016	14:06	<i>Milvulus migrans</i>	Black Kite	N22°12.285' E113°54.455'	200	2	NA	1	Adult	10	Roosting
179	12/8/2016	14:07	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12.396' E113°54.427'	150	2	NA	8	Adult	2	Roosting
180	12/8/2016	14:07	<i>Egretta garzetta</i>	Little Egret	N22°12.396' E113°54.427'	150	2	NA	3	Adult	2	Roosting
181	12/8/2016	14:07	<i>Bubulcus coromandus</i>	Cattle Egret	N22°12.396' E113°54.427'	150	2	NA	1	Adult	2	Roosting
182	12/8/2016	14:07	<i>Milvulus migrans</i>	Black Kite	N22°12.396' E113°54.427'	150	2	NA	1	Adult	2	Roosting
183	12/8/2016	14:28	<i>Sterna sumatrana</i>	Black-naped Tern	N22°11.355' E113°53.241'	50	2	260	2	1A; 1J	10	Flying
184	12/8/2016	14:46	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°08.884' E113°53.289'	50	2	270	1	Adult	10	Flying
185	12/8/2016	14:48	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°08.782' E113°53.387'	50	2	240	16	Adult	20	Flying
186	1/9/2016	10:41	<i>Onychoprion aleuticus</i>	Aleutian Tern	N22°09.734' E114°00.865'	400	3	300	1	Adult	30	Flying
187	1/9/2016	10:44	<i>Sterna hirundo</i>	Common Tern	N22°10.123' E114°00.878'	100	3	230	4	Adult	20	Flying
188	1/9/2016	10:47	<i>Onychoprion aleuticus</i>	Aleutian Tern	N22°10.437' E114°00.890'	80	3	220	2	Adult	20	Flying
189	1/9/2016	10:48	<i>Onychoprion aleuticus</i>	Aleutian Tern	N22°10.579' E114°00.882'	50	3	310	1	Adult	20	Flying
190	1/9/2016	10:50	<i>Sterna hirundo</i>	Common Tern	N22°10.871' E114°00.886'	60	3	290	3	Adult	10	Flying
191	1/9/2016	10:56	<i>Sterna hirundo</i>	Common Tern	N22°11.635' E114°00.862'	350	3	180	2	Adult	10	Foraging
192	1/9/2016	10:59	<i>Milvulus migrans</i>	Black Kite	N22°11.945' E114°00.830'	200	3	30	1	Adult	100	Foraging
193	1/9/2016	11:01	<i>Egretta garzetta</i>	Little Egret	N22°12.224' E114°00.834'	300	3	170	2	Adult	10	Flying
194	1/9/2016	11:05	<i>Milvulus migrans</i>	Black Kite	N22°12.832' E114°00.825'	250	3	350	3	Adult	80	Flying
195	1/9/2016	11:08	<i>Milvulus migrans</i>	Black Kite	N22°12.940' E114°00.531'	200	2	260	2	Adult	80	Foraging
196	1/9/2016	11:10	<i>Halaeletus leucogaster</i>	White-bellied Sea Eagle	N22°12.894' E114°00.380'	150	2	NA	1	Adult	60	Roosting
197	1/9/2016	11:14	<i>Milvulus migrans</i>	Black Kite	N22°12.779' E113°59.791'	150	2	230	1	Adult	100	Flying
198	1/9/2016	11:16	<i>Milvulus migrans</i>	Black Kite	N22°12.761' E113°59.650'	200	2	NA	2	Adult	5	Roosting
199	1/9/2016	11:20	<i>Milvulus migrans</i>	Black Kite	N22°12.229' E113°59.725'	250	2	130	1	Adult	30	Flying
200	1/9/2016	11:44	<i>Onychoprion aleuticus</i>	Aleutian Tern	N22°09.639' E113°59.709'	150	3	50	1	Adult	20	Flying
201	1/9/2016	11:44	<i>Onychoprion aleuticus</i>	Aleutian Tern	N22°09.639' E113°59.709'	150	3	230	1	Adult	20	Flying
202	1/9/2016	11:46	<i>Onychoprion aleuticus</i>	Aleutian Tern	N22°09.441' E113°59.686'	150	3	260	7	Adult	20	Flying
203	1/9/2016	11:47	<i>Onychoprion aleuticus</i>	Aleutian Tern	N22°09.212' E113°59.716'	150	3	0	2	Adult	20	Flying
204	1/9/2016	11:49	<i>Sterna hirundo</i>	Common Tern	N22°09.026' E113°59.600'	300	3	240	1	Adult	20	Flying
205	1/9/2016	11:51	<i>Sterna hirundo</i>	Common Tern	N22°09.048' E113°59.446'	100	3	230	2	Adult	20	Flying
206	1/9/2016	11:51	<i>Sterna hirundo</i>	Common Tern	N22°09.048' E113°59.446'	80	3	310	1	Adult	20	Flying
207	1/9/2016	11:52	<i>Sterna hirundo</i>	Common Tern	N22°09.067' E113°59.229'	100	3					

Table 2 Sighting Records during the Boat-based Avifauna Surveys from July 2016 to June 2017

No.	Date	Time	Scientific Name	Common Name	Sighting Coordinates	Sighting Distance (m)	Beaufort	Flying Path (°)	Group Size	Group Composition (A: Adult; J: Juvenile)	Elevation (m)	Behaviour
229	1/9/2016	13:10	<i>Sterna hirundo</i>	Common Tern	N22°11.636' E113°57.352'	150	3	310	2	Adult	30	Flying
230	1/9/2016	13:12	<i>Sterna hirundo</i>	Common Tern	N22°11.349' E113°57.347'	150	2	0	1	Adult	30	Flying
231	1/9/2016	13:15	<i>Sterna hirundo</i>	Common Tern	N22°10.923' E113°57.347'	150	2	30	1	Adult	30	Flying
232	1/9/2016	13:17	<i>Sterna hirundo</i>	Common Tern	N22°10.707' E113°57.344'	50	2	330	1	Adult	10	Flying
233	1/9/2016	13:31	<i>Thalasseus bergii</i>	Greater Crested Tern	N22°10.010' E113°57.428'	10	2	330	1	Adult	10	Flying
234	1/9/2016	13:31	<i>Sterna hirundo</i>	Common Tern	N22°10.010' E113°57.428'	10	2	330	1	Adult	10	Flying
235	1/9/2016	13:35	<i>Sterna hirundo</i>	Common Tern	N22°09.556' E113°57.440'	3	2	240	5	Adult	5	Foraging
236	1/9/2016	13:35	<i>Sterna hirundo</i>	Common Tern	N22°09.556' E113°57.440'	3	2	240	2	Adult	5	Foraging
237	1/9/2016	13:44	<i>Sterna hirundo</i>	Common Tern	N22°09.126' E113°56.613'	80	2	170	1	Adult	10	Flying
238	1/9/2016	13:48	<i>Sterna hirundo</i>	Common Tern	N22°09.080' E113°56.252'	80	2	250	1	Adult	5	Flying
239	1/9/2016	13:50	<i>Milvulus migrans</i>	Black Kite	N22°09.245' E113°56.185'	300	3	320	1	Adult	50	Foraging
240	1/9/2016	14:21	<i>Sterna hirundo</i>	Common Tern	N22°11.481' E113°56.320'	100	3	250	1	Adult	10	Flying
241	1/9/2016	14:22	<i>Sterna hirundo</i>	Common Tern	N22°11.646' E113°56.316'	150	3	130	1	Adult	20	Flying
242	1/9/2016	14:25	<i>Sterna hirundo</i>	Common Tern	N22°11.965' E113°56.311'	200	3	90	1	Adult	30	Flying
243	1/9/2016	14:28	<i>Hirundo rustica</i>	Barn Swallow	N22°12.423' E113°56.246'	30	3	270	1	Adult	5	Flying
244	1/9/2016	14:35	<i>Milvulus migrans</i>	Black Kite	N22°13.366' E113°56.174'	200	2	330	1	Adult	50	Foraging
245	1/9/2016	14:37	<i>Milvulus migrans</i>	Black Kite	N22°13.179' E113°56.113'	600	2	260	1	Adult	50	Foraging
246	1/9/2016	14:41	<i>Milvulus migrans</i>	Black Kite	N22°12.626' E113°55.926'	100	2	NA	1	Adult	30	Roosting
247	1/9/2016	14:42	<i>Milvulus migrans</i>	Black Kite	N22°12.504' E113°55.816'	300	2	280	1	Adult	150	Foraging
248	1/9/2016	14:51	<i>Hirundo rustica</i>	Barn Swallow	N22°11.961' E113°55.062'	80	3	340	1	Adult	3	Flying
249	1/9/2016	14:52	<i>Sterna hirundo</i>	Common Tern	N22°11.833' E113°55.084'	100	3	270	2	Adult	3	Flying
250	1/9/2016	14:55	<i>Milvulus migrans</i>	Black Kite	N22°11.506' E113°55.189'	400	3	100	1	Adult	30	Foraging
251	1/9/2016	15:00	<i>Hirundo rustica</i>	Barn Swallow	N22°10.823' E113°55.280'	100	3	300	3	Adult	20	Flying
252	1/9/2016	15:01	<i>Acridotheres cristatellus</i>	Crested Myna	N22°10.623' E113°55.255'	200	3	NA	1	Adult	30	Roosting
253	1/9/2016	15:10	<i>Acridotheres cristatellus</i>	Crested Myna	N22°09.494' E113°55.090'	200	3	NA	2	Adult	20	Roosting
254	1/9/2016	15:13	<i>Sterna hirundo</i>	Common Tern	N22°08.829' E113°54.965'	200	3	210	2	Adult	10	Foraging
255	1/9/2016	15:17	<i>Onychoprion aetheticus</i>	Bridled Tern	N22°08.818' E113°54.751'	100	3	330	15	Adult	5	Foraging
256	1/9/2016	15:20	<i>Sterna hirundo</i>	Common Tern	N22°08.812' E113°54.503'	5	3	270	6	Adult	8	Foraging
257	1/9/2016	15:27	<i>Sterna hirundo</i>	Common Tern	N22°08.920' E113°53.843'	600	3	150	3	Adult	10	Flying
258	1/9/2016	15:28	<i>Milvulus migrans</i>	Black Kite	N22°09.019' E113°53.849'	200	3	260	4	Adult	100	Foraging
259	1/9/2016	15:34	<i>Hirundo rustica</i>	Barn Swallow	N22°09.691' E113°53.876'	200	3	240	2	Adult	50	Flying
260	1/9/2016	15:41	<i>Dicrurus macrocercus</i>	Black Drongoo	N22°09.788' E113°53.935'	100	3	NA	1	Adult	150	Roosting
261	5/9/2016	11:22	<i>Milvulus migrans</i>	Black Kite	N22°09.870' E113°53.846'	600	2	0	3	Adult	100	Foraging
262	5/9/2016	11:24	<i>Milvulus migrans</i>	Black Kite	N22°10.139' E113°53.821'	400	2	290	2	Adult	60	Foraging
263	5/9/2016	11:27	<i>Milvulus migrans</i>	Black Kite	N22°10.500' E113°53.847'	400	2	160	1	Adult	150	Foraging
264	5/9/2016	11:28	<i>Hirundo rustica</i>	Barn Swallow	N22°10.660' E113°53.836'	350	2	260	5	Adult	300	Foraging
265	5/9/2016	11:28	<i>Milvulus migrans</i>	Black Kite	N22°10.660' E113°53.836'	400	2	160	1	Adult	350	Flying
266	5/9/2016	11:47	<i>Milvulus migrans</i>	Black Kite	N22°12.910' E113°53.781'	350	2	250	2	Adult	250	Foraging
267	5/9/2016	11:48	<i>Milvulus migrans</i>	Black Kite	N22°12.897' E113°53.535'	600	2	60	1	Adult	200	Flying
268	5/9/2016	11:50	<i>Milvulus migrans</i>	Black Kite	N22°12.828' E113°53.291'	500	2	60	1	Adult	100	Foraging
269	5/9/2016	12:16	<i>Acridotheres cristatellus</i>	Crested Myna	N22°09.669' E113°53.276'	500	2	NA	4	Adult	20	Roosting
270	5/9/2016	12:18	<i>Milvulus migrans</i>	Black Kite	N22°09.420' E113°53.290'	600	2	30	1	Adult	80	Foraging
271	5/9/2016	12:49	<i>Egretta garzetta</i>	Little Egret	N22°10.076' E113°54.338'	500	3	NA	8	Adult	5	Roosting
272	5/9/2016	12:49	<i>Egretta sacra</i>	Pacific Reef Egret	N22°10.076' E113°54.338'	500	3	NA	2	Adult	5	Roosting
273	5/9/2016	12:53	<i>Actitis hypoleucos</i>	Common Sandpiper	N22°10.492' E113°54.506'	100	3	210	2	Adult	5	Flying
274	5/9/2016	12:55	<i>Milvulus migrans</i>	Black Kite	N22°10.682' E113°54.315'	200	3	30	3	Adult	100	Foraging
275	5/9/2016	14:16	<i>Onychoprion aetheticus</i>	Aleutian Tern	N22°11.850' E113°55.635'	300	3	110	1	Adult	20	Flying
276	5/9/2016	14:16	<i>Onychoprion aetheticus</i>	Aleutian Tern	N22°11.850' E113°55.635'	300	3	100	1	Adult	10	Flying
277	5/9/2016	14:41	<i>Onychoprion aetheticus</i>	Aleutian Tern	N22°08.645' E113°55.663'	600	3	180	1	Adult	10	Flying
278	5/9/2016	14:41	<i>Onychoprion aetheticus</i>	Aleutian Tern	N22°08.645' E113°55.663'	400	3	30	2	Adult	20	Flying
279	5/9/2016	14:51	<i>Onychoprion aetheticus</i>	Bridled Tern	N22°09.063' E113°56.621'	50	3	0	2	Adult	10	Flying
280	5/9/2016	14:51	<i>Onychoprion aetheticus</i>	Bridled Tern	N22°09.063' E113°56.621'	150	3	0	1	Adult	10	Flying
281	5/9/2016	14:56	<i>Onychoprion aetheticus</i>	Aleutian Tern	N22°09.581' E113°56.756'	500	3	80	1	Adult	10	Flying
282	5/9/2016	14:57	<i>Onychoprion aetheticus</i>	Aleutian Tern	N22°09.760' E113°56.747'	400	3	60	1	Adult	10	Flying
283	5/9/2016	15:17	<i>Onychoprion aetheticus</i>	Bridled Tern	N22°11.973' E113°56.732'	500	3	330	1	Adult	10	Flying
284	5/9/2016	15:21	<i>Onychoprion aetheticus</i>	Bridled Tern	N22°12.324' E113°56.738'	10	3	0	1	Adult	10	Foraging
285	5/9/2016	15:45	<i>Onychoprion aetheticus</i>	Bridled Tern	N22°13.180' E113°57.937'	500	4	100	1	Adult	20	Flying
286	5/9/2016	15:48	<i>Milvulus migrans</i>	Black Kite	N22°12.836' E113°57.967'	200	3	270	1	Adult	50	Flying
287	5/9/2016	15:48	<i>Onychoprion aetheticus</i>	Aleutian Tern	N22°12.836' E113°57.967'	50	3	90	2	Adult	200	Flying
288	5/9/2016	15:51	<i>Onychoprion aetheticus</i>	Aleutian Tern	N22°12.427' E113°57.941'	600	3	100	2	Adult	30	Flying
289	5/9/2016	16:05	<i>Sterna hirundo</i>	Common Tern	N22°10.594' E113°57.958'	50	3	90	3	Adult	20	Flying
290	5/9/2016	16:11	<i>Sterna hirundo</i>	Common Tern	N22°09.792' E113°57.935'	600	3	150	1	Adult	2	Flying
291	5/9/2016	16:15	<i>Onychoprion aetheticus</i>	Aleutian Tern	N22°09.235' E113°57.935'	200	3	300	3	Adult	20	Flying
292	5/9/2016	16:22	<i>Onychoprion aetheticus</i>	Bridled Tern	N22°09.378' E113°58.373'	20	3	30	1	Adult	8	Foraging
293	5/9/2016	16:22	<i>Onychoprion aetheticus</i>	Aleutian Tern	N22°09.378' E113°58.373'	100	3	100	2	Adult	20	Flying
294	5/9/2016	16:28	<i>Onychoprion aetheticus</i>	Aleutian Tern	N22°09.942' E113°58.639'	50	3	60	1	Adult	10	Flying
295	5/9/2016	16:34	<i>Sterna hirundo</i>	Common Tern	N22°10.526' E113°58.708'	500	3	10	3	Adult	30	Flying
296	5/9/2016	16:43	<i>Haliaeetus leucogaster</i>	White-bellied Sea Eagle	N22°11.567' E113°58.714'	400	3	NA	2	Adult	150	Roosting
297	5/9/2016	16:58	<i>Milvulus migrans</i>	Black Kite	N22°12.386' E114°00.069'	600	3	100	5	Adult	30	Flying
298	5/9/2016	16:58	<i>Milvulus migrans</i>	Black Kite	N22°12.386' E114°00.069'	600	3	100	3	Adult	200	Flying
299	5/9/2016	17:00	<i>Onychoprion aetheticus</i>	Aleutian Tern	N22°12.481' E114°00.322'	300	3	230	2	Adult	10	Foraging
300	5/9/2016	17:02	<i>Sterna hirundo</i>	Common Tern	N22°12.605' E114°00.593'	250	3	NA	2	Adult	1	Roosting
301	5/9/2016	17:10	<i>Numenius phaeopus</i>	Whimbrel	N22°13.105' E114°01.212'	340	3	340	2	Adult	30	Flying
302	3/10/2016	11:04	<i>Milvulus migrans</i>	Black Kite	N22°09.534' E113°53.834'	500	2	40	1	Adult	80	Foraging
303	3/10/2016	11:05	<i>Phalaropus lobatus</i>	Red-necked Phalarope	N22°09.677' E113°53.843'	15	2	280	1	Adult	1	Flying
304	3/10/2016	11:06	<i>Milvulus migrans</i>	Black Kite	N22°09.895' E113°53.830'	800	2	0	1	Adult	10	Flying
305	3/10/2016	11:09	<i>Milvulus migrans</i>	Black Kite	N22°10.168' E113°53.823'	500	2	0	3	Adult	15	Foraging
306	3/10/2016	11:10	<i>Apus nipalensis</i>	House Swift	N22°10.425' E113°53.866'	100	2	NA	1	Adult	1	Roosting
307	3/10/2016	11:13	<i>Milvulus migrans</i>	Black Kite	N22°10.769' E113°53.879'	300	2	240	1	Adult	50	Flying
308	3/10/2016	11:29	<i>Apus nipalensis</i>	House Swift	N22°12.667' E113°53.856'	200	2	120	6	Adult	100	Foraging
309	3/10/2016	11:31	<i>Phalaropus lobatus</i>	Red-necked Phalarope	N22°12.626' E113°54.071'	100	2	300	1	Adult	0	Flying
310	3/10/2016	11:33	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12.626' E113°54.071'	80	2	NA	1	Adult	2	Roosting
311	3/10/2016	11:33	<i>Milvulus migrans</i>	Black Kite	N22°12.471' E113°54.328'	250	2	120	3	Adult	100	Foraging
312	3/10/2016	11:35	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12.334' E113°54.670'	80	2	NA	1	Adult	1	Roosting
313	3/10/2016	11:38	<i>Milvulus migrans</i>	Black Kite	N22°12.316' E113°55.023'	250	3	80	3	Adult	100	Foraging
314	3/10/2016	11:51	<i>Falco timanialis</i>	Common Kestrel	N22°10.783' E113°55.275'	500	2	80	1	Adult	150	Foraging
315	3/10/2016	11:55	<i>Egretta sacra</i>	Pacific Reef Egret	N22°10.523' E113°55.151'	200	2	0	1	Adult	8	Foraging
316	3/10/2016	12:35	<i>Hirundo rustica</i>	Barn Swallow	N22°11.407' E113°56.235'	20	2	0	1	Adult	1	Flying
317	3/10/2016	12:44	<i>Haliaeetus leucogaster</i>	White-bellied Sea Eagle	N22°12.636' E113°56.226'	500	3	260	1	Adult	10	Flying
318	3/10/2016	12:44	<i>Milvulus migrans</i>	Black Kite	N22°12.636' E113°56.226'	500	3	260	3	Adult	10	Foraging
319	3/10/2016	14:03	<i>Milvulus migrans</i>	Black Kite	N22°11.314' E113°58.559'	500	3	NA	2	Adult	80	Roosting
320	3/10/2016	14:06	<i>Milvulus migrans</i>	Black Kite	N22°11.651' E113°58.562'	250	3	NA	1	Adult	3	Roosting
321	3/10/2016	14:07	<i>Milvulus migrans</i>	Black Kite	N22°11.651' E113°58.562'	150	3	280	1	Adult	10	Foraging</

Table 2 Sighting Records during the Boat-based Avifauna Surveys from July 2016 to June 2017

No.	Date	Time	Scientific Name	Common Name	Sighting Coordinates	Sighting Distance (m)	Beaufort	Flying Path (°)	Group Size	Group Composition (A: Adult; J: Juvenile)	Elevation (m)	Behaviour
343	3/10/2016	15:42	<i>Chlidonias hybrida</i>	Whiskered Tern	N22°12'273" E114°00'881"	150	3	160	1	Adult	20	Flying
344	3/10/2016	15:42	<i>Milvulus migrans</i>	Black Kite	N22°12'273" E114°00'881"	150	3	NA	1	Adult	10	Roosting
345	3/10/2016	15:43	<i>Milvulus migrans</i>	Black Kite	N22°12'428" E114°00'859"	200	3	160	1	Adult	20	Foraging
346	3/10/2016	15:44	<i>Haliaeetus leucogaster</i>	White-bellied Sea Eagle	N22°12'597" E114°00'845"	300	3	90	2	Adult	100	Flying
347	3/10/2016	15:45	<i>Milvulus migrans</i>	Black Kite	N22°12'597" E114°00'845"	300	3	90	2	Adult	100	Foraging
348	3/10/2016	15:47	<i>Milvulus migrans</i>	Black Kite	N22°12'886" E114°00'872"	500	3	260	3	Adult	100	Foraging
349	14/10/2016	10:43	<i>Milvulus migrans</i>	Black Kite	N22°10'018" E114°00'316"	10	4	120	1	Adult	20	Foraging
350	14/10/2016	11:16	<i>Milvulus migrans</i>	Black Kite	N22°12'776" E114°00'217"	500	4	100	1	Adult	50	Flying
351	14/10/2016	11:16	<i>Milvulus migrans</i>	Black Kite	N22°12'776" E114°00'217"	10	4	40	1	Adult	10	Foraging
352	14/10/2016	11:18	<i>Milvulus migrans</i>	Black Kite	N22°12'742" E113°59'799"	300	4	220	1	Adult	90	Flying
353	14/10/2016	11:20	<i>Milvulus migrans</i>	Black Kite	N22°12'698" E113°59'144"	150	4	300	1	Adult	50	Flying
354	14/10/2016	11:23	<i>Monticola solitarius</i>	Blue Rock Thrush	N22°12'688" E113°59'144"	50	4	NA	1	Adult	5	Foraging
355	14/10/2016	11:31	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12'139" E113°59'002"	200	4	NA	1	Adult	1	Foraging
356	14/10/2016	13:00	<i>Milvulus migrans</i>	Black Kite	N22°13'402" E113°56'713"	100	4	60	1	Adult	20	Foraging
357	14/10/2016	13:02	<i>Egretta sacra</i>	Pacific Reef Egret	N22°13'134" E113°56'731"	150	4	280	1	Adult	1	Flying
358	14/10/2016	13:04	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12'810" E113°56'705"	100	4	50	1	Adult	8	Foraging
359	14/10/2016	14:24	<i>Milvulus migrans</i>	Black Kite	N22°12'301" E113°55'609"	200	4	260	1	Adult	120	Flying
360	14/10/2016	14:30	<i>Milvulus migrans</i>	Black Kite	N22°12'316" E113°54'707"	200	4	100	1	Adult	120	Flying
361	14/10/2016	14:32	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12'329" E113°54'561"	100	4	NA	1	Adult	1	Foraging
362	14/10/2016	14:33	<i>Milvulus migrans</i>	Black Kite	N22°12'329" E113°54'561"	50	4	320	2	Adult	6	Flying
363	14/10/2016	14:34	<i>Milvulus migrans</i>	Black Kite	N22°12'098" E113°54'447"	30	4	NA	1	Adult	1	Roosting
364	14/10/2016	14:41	<i>Milvulus migrans</i>	Black Kite	N22°11'660" E113°54'464"	100	4	NA	1	Adult	50	Foraging
365	14/10/2016	14:45	<i>Milvulus migrans</i>	Black Kite	N22°11'503" E113°54'481"	200	4	280	4	Adult	30	Foraging
366	14/10/2016	14:47	<i>Milvulus migrans</i>	Black Kite	N22°11'110" E113°54'221"	100	4	80	2	Adult	100	Flying
367	14/10/2016	14:48	<i>Milvulus migrans</i>	Black Kite	N22°10'940" E113°54'277"	200	4	100	1	Adult	30	Flying
368	14/10/2016	14:51	<i>Milvulus migrans</i>	Black Kite	N22°10'705" E113°54'277"	200	4	40	1	Adult	150	Flying
369	14/10/2016	14:53	<i>Milvulus migrans</i>	Black Kite	N22°10'516" E113°54'402"	30	4	200	2	Adult	10	Foraging
370	14/10/2016	14:53	<i>Milvulus migrans</i>	Black Kite	N22°10'516" E113°54'402"	300	4	260	2	Adult	100	Flying
371	14/10/2016	14:53	<i>Milvulus migrans</i>	Black Kite	N22°10'199" E113°54'425"	200	4	60	2	Adult	30	Flying
372	14/10/2016	14:58	<i>Milvulus migrans</i>	Black Kite	N22°09'972" E113°54'191"	250	4	120	1	Adult	60	Foraging
373	14/10/2016	15:04	<i>Accipiter trivirgatus</i>	Crested Goshawk	N22°09'441" E113°53'880"	100	4	40	1	Adult	60	Foraging
374	14/10/2016	15:37	<i>Milvulus migrans</i>	Black Kite	N22°11'836" E113°53'321"	50	4	210	1	Adult	1	Foraging
375	14/10/2016	15:39	<i>Milvulus migrans</i>	Black Kite	N22°12'054" E113°53'320"	50	4	270	1	Adult	1	Flying
376	14/10/2016	16:06	<i>Egretta garzetta</i>	Little Egret	N22°12'299" E113°54'721"	20	4	90	1	Adult	5	Flying
377	14/10/2016	16:11	<i>Milvulus migrans</i>	Black Kite	N22°12'289" E113°55'467"	50	4	20	1	Adult	5	Foraging
378	10/11/2016	10:20	<i>Milvulus migrans</i>	Black Kite	N22°12'524" E114°00'278"	300	3	120	8	Adult	50	Foraging
379	10/11/2016	10:20	<i>Milvulus migrans</i>	Black Kite	N22°12'524" E114°00'278"	500	3	60	4	Adult	30	Foraging
380	10/11/2016	10:20	<i>Milvulus migrans</i>	Black Kite	N22°12'524" E114°00'278"	300	3	120	4	Adult	60	Foraging
381	10/11/2016	11:08	<i>Hirundo rustica</i>	Barn Swallow	N22°10'259" E113°59'098"	30	3	0	2	Adult	1	Flying
382	10/11/2016	11:30	<i>Milvulus migrans</i>	Black Kite	N22°12'167" E113°59'096"	300	3	80	1	Adult	250	Foraging
383	10/11/2016	11:32	<i>Bubulcus coromandus</i>	Cattle Egret	N22°12'397" E113°59'091"	300	3	270	1	Adult	30	Flying
384	10/11/2016	12:20	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°09'485" E113°57'939"	50	3	0	1	Adult	5	Foraging
385	10/11/2016	12:20	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°09'485" E113°57'939"	50	3	300	2	Adult	5	Flying
386	10/11/2016	12:43	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°10'368" E113°56'731"	50	3	280	5	Adult	10	Flying
387	10/11/2016	13:15	<i>Milvulus migrans</i>	Black Kite	N22°13'078" E113°56'366"	400	3	270	2	Adult	30	Foraging
388	10/11/2016	13:19	<i>Milvulus migrans</i>	Black Kite	N22°12'740" E113°56'080"	300	3	300	2	Adult	80	Foraging
389	10/11/2016	13:21	<i>Hirundo rustica</i>	Barn Swallow	N22°12'522" E113°55'854"	80	3	320	8	Adult	20	Flying
390	10/11/2016	13:25	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12'208" E113°55'637"	200	3	NA	1	Adult	1	Roosting
391	10/11/2016	13:36	<i>Egretta sacra</i>	Pacific Reef Egret	N22°10'881" E113°55'682"	200	3	NA	1	Adult	1	Roosting
392	10/11/2016	14:09	<i>Hirundo rustica</i>	Barn Swallow	N22°08'987" E113°54'386"	10	3	10	1	Adult	1	Flying
393	10/11/2016	14:16	<i>Hirundo rustica</i>	Barn Swallow	N22°09'404" E113°54'055"	100	4	60	1	Adult	10	Flying
394	10/11/2016	14:18	<i>Milvulus migrans</i>	Black Kite	N22°09'665" E113°53'891"	200	4	80	1	Adult	100	Foraging
395	10/11/2016	14:20	<i>Milvulus migrans</i>	Black Kite	N22°09'804" E113°54'007"	200	4	300	1	Adult	80	Foraging
396	10/11/2016	14:24	<i>Milvulus migrans</i>	Black Kite	N22°09'995" E113°54'350"	200	4	100	10	Adult	100	Foraging
397	10/11/2016	14:26	<i>Egretta sacra</i>	Pacific Reef Egret	N22°10'151" E113°54'479"	200	4	80	1	Adult	2	Flying
398	10/11/2016	14:27	<i>Milvulus migrans</i>	Black Kite	N22°10'313" E113°54'538"	100	4	210	2	Adult	100	Foraging
399	10/11/2016	14:29	<i>Milvulus migrans</i>	Black Kite	N22°10'513" E113°54'460"	500	4	300	4	Adult	100	Foraging
400	10/11/2016	14:30	<i>Milvulus migrans</i>	Black Kite	N22°10'619" E113°54'342"	50	4	60	3	Adult	30	Foraging
401	10/11/2016	14:37	<i>Haliaeetus leucogaster</i>	White-bellied Sea Eagle	N22°11'320" E113°54'410"	100	4	200	1	Adult	200	Flying
402	10/11/2016	14:38	<i>Hirundo rustica</i>	Barn Swallow	N22°11'353" E113°54'479"	0	4	300	3	Adult	50	Flying
403	10/11/2016	15:07	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°11'539" E113°53'301"	100	3	270	9	Adult	10	Flying
404	10/11/2016	14:16	<i>Milvulus migrans</i>	Black Kite	N22°10'365" E113°53'288"	700	3	260	1	Adult	30	Foraging
405	10/11/2016	15:17	<i>Milvulus migrans</i>	Black Kite	N22°10'226" E113°53'310"	100	3	100	1	Adult	20	Foraging
406	10/11/2016	15:19	<i>Milvulus migrans</i>	Black Kite	N22°09'913" E113°53'323"	300	3	80	1	Adult	20	Foraging
407	17/11/2016	11:01	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°09'025" E113°53'796"	400	2	270	12	Adult	30	Flying
408	17/11/2016	11:03	<i>Milvulus migrans</i>	Black Kite	N22°09'342" E113°53'832"	200	2	330	1	Adult	130	Foraging
409	17/11/2016	11:33	<i>Milvulus migrans</i>	Black Kite	N22°12'451" E113°54'321"	200	3	90	2	Adult	150	Foraging
410	17/11/2016	11:49	<i>Milvulus migrans</i>	Black Kite	N22°10'895" E113°55'247"	150	2	NA	1	Adult	5	Roosting
411	17/11/2016	11:50	<i>Egretta sacra</i>	Pacific Reef Egret	N22°10'773" E113°55'284"	100	2	NA	1	Adult	1	Roosting
412	17/11/2016	11:54	<i>Milvulus migrans</i>	Black Kite	N22°10'358" E113°55'096"	100	2	40	1	Adult	30	Foraging
413	17/11/2016	12:16	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°09'242" E113°56'219"	400	2	NA	36	Adult	0	Roosting
414	17/11/2016	12:34	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°11'703" E113°56'192"	100	2	280	2	Adult	30	Flying
415	17/11/2016	13:45	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°10'008" E113°58'532"	80	4	260	2	Adult	80	Flying
416	17/11/2016	13:46	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°10'135" E113°58'542"	80	4	270	3	Adult	20	Flying
417	17/11/2016	13:59	<i>Haliaeetus leucogaster</i>	White-bellied Sea Eagle	N22°11'745" E113°58'520"	400	3	0	1	Adult	180	Flying
418	17/11/2016	13:59	<i>Milvulus migrans</i>	Black Kite	N22°11'745" E113°58'520"	50	3	170	1	Adult	50	Foraging
419	17/11/2016	14:08	<i>Milvulus migrans</i>	Black Kite	N22°13'036" E113°58'531"	300	2	20	2	Adult	300	Foraging
420	17/11/2016	14:18	<i>Milvulus migrans</i>	Black Kite	N22°13'042" E113°58'693"	100	3	270	1	Adult	100	Foraging
421	17/11/2016	14:20	<i>Milvulus migrans</i>	Black Kite	N22°12'830" E113°58'894"	300	3	40	1	Adult	300	Foraging
422	17/11/2016	14:22	<i>Milvulus migrans</i>	Black Kite	N22°12'682" E113°59'150"	200	3	0	1	Adult	200	Foraging
423	17/11/2016	14:24	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12'689" E113°59'436"	50	3	NA	1	Adult	50	Roosting
424	17/11/2016	14:25	<i>Milvulus migrans</i>	Black Kite	N22°12'717" E113°59'561"	200	3	300	2	Adult	200	Foraging
425	17/11/2016	14:32	<i>Milvulus migrans</i>	Black Kite	N22°12'013" E113°59'707"	400	4	320	1	Adult	400	Foraging
426	17/11/2016	14:35	<i>Milvulus migrans</i>	Black Kite	N22°11'692" E113°59'717"	100	4	270	3	Adult	100	Foraging
427	17/11/2016	14:35	<i>Buteo japonicus</i>	Common Buzzard	N22°11'692" E113°59'717"	100	4	300	1	Adult	100	Flying
428	17/11/2016	14:57	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°09'067" E114°00'049"	100	4	280	7	Adult	100	Flying
429	17/11/2016	15:22	<i>Milvulus migrans</i>	Black Kite	N22°11'571" E114°00'828"	100	3	60	1	Adult	100	Foraging
430	17/11/2016	15:25	<i>Milvulus migrans</i>	Black Kite	N22°11'795" E114°00'830"	400	2	280	1	Adult	400	Foraging
431	17/11/2016	15:25	<i>Milvulus migrans</i>	Black Kite	N22°11'966" E114°00'828"	100	2	80	3	Adult	100	Foraging
432	17/11/2016	15:27	<i>Milvulus migrans</i>	Black Kite	N22°12'323" E114°00'833"	100	2	90	1	Adult	100	Foraging
433	7/12/2016	11:22	<i>Milvulus migrans</i>	Black Kite	N22°09'431" E113°53'306"	300	2	140	3	Adult	100	Foraging
434	7/12/2016	11:37										

Table 2 Sighting Records during the Boat-based Avifauna Surveys from July 2016 to June 2017

No.	Date	Time	Scientific Name	Common Name	Sighting Coordinates	Sighting Distance (m)	Beaufort	Flying Path (°)	Group Size	Group Composition (A: Adult; J: Juvenile)	Elevation (m)	Behaviour
457	7/12/2016	13:35	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12.550' E113°55.956'	200	2	NA	1	Adult	2	Foraging
458	7/12/2016	13:40	<i>Milvulus migrans</i>	Black Kite	N22°13.118' E113°56.422'	300	2	NA	1	Adult	20	Roosting
459	7/12/2016	13:43	<i>Milvulus migrans</i>	Black Kite	N22°13.385' E113°56.633'	100	2	300	1	Adult	120	Foraging
460	7/12/2016	14:11	<i>Milvulus migrans</i>	Black Kite	N22°10.394' E113°56.750'	100	2	10	1	Adult	80	Foraging
461	7/12/2016	14:26	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°09.810' E113°56.760'	120	2	270	1	Adult	10	Flying
462	7/12/2016	14:31	<i>Milvulus migrans</i>	Black Kite	N22°09.588' E113°56.752'	200	2	80	1	Adult	50	Foraging
463	7/12/2016	15:20	<i>Milvulus migrans</i>	Black Kite	N22°13.517' E113°58.063'	300	2	0	1	Adult	100	Foraging
464	7/12/2016	15:25	<i>Milvulus migrans</i>	Black Kite	N22°13.078' E113°58.586'	500	2	260	2	Adult	80	Foraging
465	7/12/2016	15:27	<i>Milvulus migrans</i>	Black Kite	N22°12.952' E113°58.733'	550	2	80	1	Adult	80	Foraging
466	7/12/2016	15:37	<i>Milvulus migrans</i>	Black Kite	N22°11.979' E113°58.762'	200	2	120	2	Adult	180	Foraging
467	7/12/2016	15:40	<i>Halaeletus leucogaster</i>	White-bellied Sea Eagle	N22°11.699' E113°58.821'	100	2	NA	1	Adult	30	Roosting
468	7/12/2016	15:41	<i>Halaeletus leucogaster</i>	White-bellied Sea Eagle	N22°11.699' E113°58.821'	200	2	100	1	Adult	80	Flying
469	7/12/2016	15:45	<i>Milvulus migrans</i>	Black Kite	N22°11.141' E113°59.081'	300	2	260	2	Adult	150	Foraging
470	13/12/2016	11:08	<i>Milvulus migrans</i>	Black Kite	N22°12.306' E114°00.269'	800	2	60	5	Adult	100	Foraging
471	13/12/2016	11:10	<i>Milvulus migrans</i>	Black Kite	N22°12.556' E114°00.279'	100	2	270	1	Adult	50	Foraging
472	13/12/2016	11:12	<i>Milvulus migrans</i>	Black Kite	N22°12.705' E114°00.284'	300	2	340	3	Adult	80	Foraging
473	13/12/2016	11:33	<i>Halaeletus leucogaster</i>	White-bellied Sea Eagle	N22°11.547' E113°58.928'	200	2	NA	2	Adult	80	Roosting
474	13/12/2016	11:38	<i>Milvulus migrans</i>	Black Kite	N22°11.045' E113°59.098'	300	2	0	1	Adult	80	Foraging
475	13/12/2016	13:08	<i>Lanius schach</i>	Long-tailed Shrike	N22°12.718' E113°56.729'	200	2	NA	1	Adult	40	Roosting
476	13/12/2016	13:39	<i>Milvulus migrans</i>	Black Kite	N22°09.597' E113°56.746'	150	2	120	1	Adult	30	Foraging
477	13/12/2016	13:58	<i>Milvulus migrans</i>	Black Kite	N22°09.167' E113°55.654'	250	2	280	1	Adult	60	Foraging
478	13/12/2016	13:58	<i>Egretta sacra</i>	Pacific Reef Egret	N22°09.167' E113°55.654'	200	2	NA	1	Adult	1	Roosting
479	13/12/2016	14:10	<i>Egretta sacra</i>	Pacific Reef Egret	N22°10.689' E113°55.706'	150	2	NA	1	Adult	1	Roosting
480	13/12/2016	14:24	<i>Milvulus migrans</i>	Black Kite	N22°12.309' E113°55.543'	300	2	240	1	Adult	80	Foraging
481	13/12/2016	14:27	<i>Milvulus migrans</i>	Black Kite	N22°12.330' E113°55.234'	200	2	NA	1	Adult	60	Roosting
482	13/12/2016	14:27	<i>Buteo japonicus</i>	Common Buzzard	N22°12.330' E113°55.234'	200	2	NA	1	Adult	20	Roosting
483	13/12/2016	14:35	<i>Milvulus migrans</i>	Black Kite	N22°12.457' E113°55.009'	200	2	270	2	Adult	80	Foraging
484	13/12/2016	14:38	<i>Milvulus migrans</i>	Black Kite	N22°12.331' E113°54.695'	80	2	NA	1	Adult	50	Roosting
485	13/12/2016	14:38	<i>Milvulus migrans</i>	Black Kite	N22°12.331' E113°54.695'	200	2	NA	2	Adult	80	Roosting
486	13/12/2016	14:50	<i>Acridotheres cristatellus</i>	Crested Myna	N22°11.016' E113°54.280'	150	2	NA	1	Adult	60	Roosting
487	13/12/2016	14:51	<i>Pycnonotus sinensis</i>	Chinese Bulbul	N22°11.016' E113°54.280'	150	2	NA	3	Adult	70	Roosting
488	13/12/2016	14:51	<i>Monticola solitarius</i>	Blue Rock Thrush	N22°11.016' E113°54.280'	200	2	NA	1	Adult	10	Roosting
489	13/12/2016	14:51	<i>Milvulus migrans</i>	Black Kite	N22°11.016' E113°54.280'	200	2	20	2	Adult	100	Foraging
490	13/12/2016	14:53	<i>Lanius schach</i>	Long-tailed Shrike	N22°10.817' E113°54.224'	100	2	NA	1	Adult	10	Roosting
491	13/12/2016	14:53	<i>Pycnonotus sinensis</i>	Chinese Bulbul	N22°10.817' E113°54.224'	100	2	NA	4	Adult	10	Roosting
492	13/12/2016	14:55	<i>Milvulus migrans</i>	Black Kite	N22°10.566' E113°54.407'	150	2	NA	1	Adult	5	Roosting
493	13/12/2016	14:55	<i>Milvulus migrans</i>	Black Kite	N22°10.566' E113°54.407'	200	2	NA	1	Adult	80	Roosting
494	13/12/2016	14:56	<i>Milvulus migrans</i>	Black Kite	N22°10.495' E113°54.470'	100	2	20	1	Adult	80	Foraging
495	13/12/2016	14:56	<i>Pycnonotus sinensis</i>	Chinese Bulbul	N22°10.495' E113°54.470'	100	2	NA	1	Adult	30	Roosting
496	13/12/2016	14:57	<i>Egretta sacra</i>	Pacific Reef Egret	N22°10.338' E113°54.489'	150	2	NA	1	Adult	1	Roosting
497	13/12/2016	14:58	<i>Egretta sacra</i>	Pacific Reef Egret	N22°10.133' E113°54.370'	100	2	70	1	Adult	3	Flying
498	13/12/2016	15:05	<i>Halaeletus leucogaster</i>	White-bellied Sea Eagle	N22°09.571' E113°53.895'	300	2	NA	2	Adult	100	Roosting
499	13/12/2016	15:06	<i>Milvulus migrans</i>	Black Kite	N22°09.426' E113°53.994'	100	2	270	1	Adult	150	Foraging
500	13/12/2016	15:07	<i>Acridotheres cristatellus</i>	Crested Myna	N22°09.336' E113°54.094'	150	2	NA	2	Adult	30	Roosting
501	13/12/2016	15:07	<i>Monticola solitarius</i>	Blue Rock Thrush	N22°09.336' E113°54.094'	150	2	NA	1	Adult	10	Roosting
502	13/12/2016	15:09	<i>Falco peregrinus</i>	Peregrine Falcon	N22°09.370' E113°54.402'	200	2	NA	1	Adult	100	Roosting
503	6/1/2017	10:52	<i>Milvulus migrans</i>	Black Kite	N22°11.519' E114°00.830'	500	2	60	1	Adult	80	Foraging
504	6/1/2017	10:55	<i>Milvulus migrans</i>	Black Kite	N22°11.903' E114°00.830'	500	2	80	3	Adult	60	Foraging
505	6/1/2017	11:03	<i>Milvulus migrans</i>	Black Kite	N22°12.800' E114°00.752'	200	2	0	1	Adult	80	Foraging
506	6/1/2017	11:03	<i>Milvulus migrans</i>	Black Kite	N22°12.800' E114°00.752'	500	2	30	3	Adult	100	Foraging
507	6/1/2017	11:08	<i>Milvulus migrans</i>	Black Kite	N22°12.766' E113°59.984'	200	2	180	1	Adult	80	Foraging
508	6/1/2017	11:09	<i>Milvulus migrans</i>	Black Kite	N22°12.757' E113°59.882'	300	2	300	2	Adult	150	Foraging
509	6/1/2017	11:15	<i>Milvulus migrans</i>	Black Kite	N22°12.155' E113°59.709'	300	2	260	3	Adult	100	Foraging
510	6/1/2017	11:19	<i>Monticola solitarius</i>	Blue Rock Thrush	N22°11.491' E113°59.708'	100	2	NA	1	Adult	20	Roosting
511	6/1/2017	11:54	<i>Milvulus migrans</i>	Black Kite	N22°10.231' E113°58.522'	80	2	90	1	Adult	30	Foraging
512	6/1/2017	12:16	<i>Milvulus migrans</i>	Black Kite	N22°12.570' E113°58.538'	500	2	40	1	Adult	120	Foraging
513	6/1/2017	12:26	<i>Milvulus migrans</i>	Black Kite	N22°13.514' E113°58.530'	300	2	60	1	Adult	60	Foraging
514	6/1/2017	12:30	<i>Milvulus migrans</i>	Black Kite	N22°13.520' E113°57.920'	300	2	10	1	Adult	250	Foraging
515	6/1/2017	13:48	<i>Milvulus migrans</i>	Black Kite	N22°12.230' E113°56.218'	600	2	300	3	Adult	100	Foraging
516	6/1/2017	14:03	<i>Milvulus migrans</i>	Black Kite	N22°12.540' E113°55.876'	150	2	NA	2	Adult	10	Roosting
517	6/1/2017	14:04	<i>Milvulus migrans</i>	Black Kite	N22°12.499' E113°55.824'	150	2	280	1	Adult	20	Foraging
518	6/1/2017	14:17	<i>Milvulus migrans</i>	Black Kite	N22°11.383' E113°55.072'	200	2	160	3	Adult	150	Foraging
519	6/1/2017	14:21	<i>Monticola solitarius</i>	Blue Rock Thrush	N22°10.868' E113°55.240'	150	2	NA	1	Adult	5	Roosting
520	6/1/2017	14:22	<i>Milvulus migrans</i>	Black Kite	N22°10.756' E113°55.275'	150	2	200	2	Adult	30	Foraging
521	6/1/2017	14:23	<i>Egretta sacra</i>	Pacific Reef Egret	N22°10.675' E113°55.248'	100	2	NA	1	Adult	3	Roosting
522	6/1/2017	14:26	<i>Milvulus migrans</i>	Black Kite	N22°10.225' E113°55.078'	100	2	300	7	Adult	100	Foraging
523	6/1/2017	14:28	<i>Acridotheres cristatellus</i>	Crested Myna	N22°10.019' E113°55.082'	100	2	NA	30	Adult	60	Roosting
524	6/1/2017	14:31	<i>Egretta sacra</i>	Pacific Reef Egret	N22°09.652' E113°55.058'	80	2	NA	1	Adult	1	Roosting
525	6/1/2017	14:58	<i>Milvulus migrans</i>	Black Kite	N22°08.976' E113°53.844'	500	2	80	1	Adult	150	Foraging
526	6/1/2017	15:01	<i>Milvulus migrans</i>	Black Kite	N22°09.266' E113°53.835'	200	2	80	3	Adult	150	Foraging
527	6/1/2017	15:02	<i>Falco peregrinus</i>	Peregrine Falcon	N22°09.561' E113°53.839'	300	2	NA	1	Adult	100	Roosting
528	6/1/2017	15:14	<i>Milvulus migrans</i>	Black Kite	N22°10.999' E113°53.816'	250	2	180	11	Adult	80	Foraging
529	6/1/2017	15:19	<i>Milvulus migrans</i>	Black Kite	N22°11.610' E113°53.817'	250	2	160	2	Adult	30	Foraging
530	6/1/2017	15:26	<i>Milvulus migrans</i>	Black Kite	N22°12.539' E113°53.838'	100	2	0	1	Adult	30	Foraging
531	19/1/2017	10:40	<i>Milvulus migrans</i>	Black Kite	N22°11.089' E114°00.300'	80	2	180	1	Adult	15	Foraging
532	19/1/2017	10:41	<i>Milvulus migrans</i>	Black Kite	N22°11.250' E114°00.282'	300	2	NA	1	Adult	100	Roosting
533	19/1/2017	10:42	<i>Milvulus migrans</i>	Black Kite	N22°11.323' E114°00.268'	400	2	340	2	Adult	120	Foraging
534	19/1/2017	10:51	<i>Milvulus migrans</i>	Black Kite	N22°12.557' E114°00.199'	200	2	300	4	Adult	100	Foraging
535	19/1/2017	10:55	<i>Milvulus migrans</i>	Black Kite	N22°12.755' E113°59.821'	140	2	80	2	Adult	60	Foraging
536	19/1/2017	10:57	<i>Milvulus migrans</i>	Black Kite	N22°12.705' E113°59.552'	160	2	NA	2	Adult	80	Roosting
537	19/1/2017	10:58	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12.661' E113°59.301'	100	2	NA	2	Adult	50	Roosting
538	19/1/2017	11:04	<i>Milvulus migrans</i>	Black Kite	N22°12.171' E113°58.961'	180	2	NA	1	Adult	80	Roosting
539	19/1/2017	11:05	<i>Acridotheres cristatellus</i>	Crested Myna	N22°12.128' E113°58.912'	180	2	NA	2	Adult	80	Roosting
540	19/1/2017	11:08	<i>Monticola solitarius</i>	Blue Rock Thrush	N22°11.787' E113°58.806'	150	2	NA	1	Adult	1	Roosting
541	19/1/2017	11:12	<i>Milvulus migrans</i>	Black Kite	N22°11.264' E113°59.088'	200	2	80	1	Adult	80	Foraging
542	19/1/2017	12:22	<i>Egretta sacra</i>	Pacific Reef Egret	N22°13.448' E113°56.735'	300	2	NA	2	Adult	1	Roosting
543	19/1/2017	12:25	<i>Egretta sacra</i>	Pacific Reef Egret	N22°13.034' E113°56.661'	200	2	NA	1	Adult	2	Roosting
544	19/1/2017	12:25	<i>Milvulus migrans</i>	Black Kite	N22°13.034' E113°56.661'	150	2	NA	1	Adult	50	Roosting
545	19/1/2017	13:04	<i>Larus crassirostris</i>	Black-tailed Gull	N22°08.989' E113°56.573'	80	2	NA	6	Juvenile	0	Roosting
546	19/1/2017	13:18	<i>Egretta sacra</i>	Pacific Reef Egret	N22°09.153' E113°55.654'	120	2	NA	5	Adult	1	Roosting
547	19/1/2017	13:28	<i>Milvulus migrans</i>	Black Kite	N22°10.351' E113°55.676'	150	2	NA	1	Adult	15	Roosting
548	19/1/2017	13:48	<i>Milvulus migrans</i>	Black Kite	N22°12.346' E113°55.345'	100	2	NA	2	Adult	50	Roosting
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Table 2 Sighting Records during the Boat-based Avifauna Surveys from July 2016 to June 2017

No.	Date	Time	Scientific Name	Common Name	Sighting Coordinates	Sighting Distance (m)	Beaufort	Flying Path (°)	Group Size	Group Composition (A: Adult; J: Juvenile)	Elevation (m)	Behaviour
571	10/2/2017	12:07	<i>Milvus migrans</i>	Black Kite	N22°09'929" E113°54'340"	150	2	NA	1	Adult	20	Roosting
572	10/2/2017	12:07	<i>Monticola solitarius</i>	Blue Rock Thrush	N22°09'929" E113°54'340"	150	2	NA	1	Adult	5	Roosting
573	10/2/2017	12:08	<i>Milvus migrans</i>	Black Kite	N22°10'041" E113°54'433"	120	2	60	1	Adult	50	Foraging
574	10/2/2017	12:09	<i>Acridotheres cristatellus</i>	Crested Myna	N22°10'108" E113°54'466"	60	2	NA	3	Adult	5	Roosting
575	10/2/2017	12:10	<i>Pycnonotus sinensis</i>	Chinese Bulbul	N22°10'233" E113°54'497"	200	2	NA	50	Adult	30	Roosting
576	10/2/2017	12:12	<i>Milvus migrans</i>	Black Kite	N22°10'495" E113°54'478"	200	2	300	1	Adult	30	Foraging
577	10/2/2017	12:15	<i>Milvus migrans</i>	Black Kite	N22°10'820" E113°54'285"	150	2	80	4	Adult	100	Foraging
578	10/2/2017	12:16	<i>Milvus migrans</i>	Black Kite	N22°10'915" E113°54'286"	100	2	70	1	Adult	50	Foraging
579	10/2/2017	12:18	<i>Milvus migrans</i>	Black Kite	N22°11'290" E113°54'382"	20	2	120	1	Adult	20	Foraging
580	10/2/2017	12:24	<i>Milvus migrans</i>	Black Kite	N22°12'353" E113°54'477"	50	2	280	11	Adult	100	Foraging
581	10/2/2017	12:25	<i>Milvus migrans</i>	Black Kite	N22°12'348" E113°54'566"	200	2	NA	2	Adult	150	Roosting
582	10/2/2017	12:28	<i>Acridotheres cristatellus</i>	Crested Myna	N22°12'323" E113°54'694"	100	2	NA	2	Adult	15	Roosting
583	10/2/2017	12:30	<i>Milvus migrans</i>	Black Kite	N22°12'306" E113°54'976"	200	2	NA	1	Adult	80	Roosting
584	10/2/2017	12:30	<i>Milvus migrans</i>	Black Kite	N22°12'306" E113°54'976"	50	2	160	2	Adult	20	Foraging
585	10/2/2017	12:46	<i>Milvus migrans</i>	Black Kite	N22°11'011" E113°55'657"	100	2	40	1	Adult	60	Foraging
586	10/2/2017	12:48	<i>Pycnonotus sinensis</i>	Chinese Bulbul	N22°10'790" E113°55'663"	200	2	240	128	Adult	80	Flying
587	10/2/2017	12:51	<i>Milvus migrans</i>	Black Kite	N22°10'348" E113°55'632"	50	2	250	1	Adult	40	Foraging
588	10/2/2017	12:51	<i>Lanius schach</i>	Long-tailed Shrike	N22°10'348" E113°55'632"	200	2	NA	1	Adult	20	Roosting
589	10/2/2017	12:57	<i>Milvus migrans</i>	Black Kite	N22°09'637" E113°55'640"	180	2	120	1	Adult	50	Foraging
590	10/2/2017	13:13	<i>Milvus migrans</i>	Black Kite	N22°09'021" E113°56'718"	100	2	140	1	Adult	50	Foraging
591	10/2/2017	13:50	<i>Milvus migrans</i>	Black Kite	N22°12'534" E113°56'754"	100	2	90	1	Adult	30	Foraging
592	10/2/2017	14:20	<i>Milvus migrans</i>	Black Kite	N22°11'970" E113°57'998"	50	2	40	1	Adult	1	Foraging
593	10/2/2017	14:32	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°10'696" E113°58'021"	50	2	90	3	Adult	10	Foraging
594	10/2/2017	14:37	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°10'270" E113°58'021"	200	2	320	3	Adult	10	Foraging
595	10/2/2017	14:37	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°10'270" E113°58'021"	200	2	NA	2	Adult	1	Roosting
596	10/2/2017	14:41	<i>Larus crassirostris</i>	Black-tailed Gull	N22°09'982" E113°58'019"	100	2	NA	10	Juvenile	1	Foraging
597	10/2/2017	14:45	<i>Larus crassirostris</i>	Black-tailed Gull	N22°09'498" E113°57'958"	80	2	NA	1	Juvenile	1	Roosting
598	10/2/2017	15:00	<i>Larus crassirostris</i>	Black-tailed Gull	N22°09'181" E113°59'103"	80	2	NA	7	Juvenile	1	Roosting
599	10/2/2017	15:22	<i>Buteo japonicus</i>	Common Buzzard	N22°11'926" E113°58'756"	500	2	90	1	Adult	120	Flying
600	10/2/2017	15:25	<i>Milvus migrans</i>	Black Kite	N22°12'108" E113°59'099"	150	2	120	2	Adult	150	Foraging
601	10/2/2017	15:27	<i>Milvus migrans</i>	Black Kite	N22°12'360" E113°59'106"	200	2	40	3	Adult	80	Foraging
602	10/2/2017	15:29	<i>Apus nipalensis</i>	House Swift	N22°12'647" E113°59'114"	100	2	320	6	Adult	60	Foraging
603	10/2/2017	15:36	<i>Milvus migrans</i>	Black Kite	N22°12'769" E113°59'988"	100	2	100	3	Adult	80	Foraging
604	10/2/2017	15:39	<i>Milvus migrans</i>	Black Kite	N22°12'838" E114°00'304"	100	2	NA	1	Adult	20	Roosting
605	16/2/2017	10:52	<i>Milvus migrans</i>	Black Kite	N22°11'336" E114°00'821"	250	2	300	11	Adult	150	Foraging
606	16/2/2017	11:09	<i>Milvus migrans</i>	Black Kite	N22°12'822" E114°00'563"	150	2	280	3	Adult	80	Foraging
607	16/2/2017	11:11	<i>Milvus migrans</i>	Black Kite	N22°12'799" E114°00'334"	120	2	300	2	Adult	80	Foraging
608	16/2/2017	11:24	<i>Milvus migrans</i>	Black Kite	N22°11'830" E113°59'730"	120	2	180	2	Adult	100	Foraging
609	16/2/2017	11:59	<i>Larus crassirostris</i>	Black-tailed Gull	N22°09'230" E113°58'509"	500	2	NA	1	Juvenile	1	Roosting
610	16/2/2017	12:28	<i>Milvus migrans</i>	Black Kite	N22°12'309" E113°58'522"	350	2	180	1	Adult	80	Foraging
611	16/2/2017	12:29	<i>Milvus migrans</i>	Black Kite	N22°12'461" E113°58'520"	100	2	270	2	Adult	50	Foraging
612	16/2/2017	12:31	<i>Milvus migrans</i>	Black Kite	N22°12'658" E113°58'530"	300	2	280	2	Adult	150	Foraging
613	16/2/2017	13:03	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°11'687" E113°57'344"	100	2	100	2	Adult	10	Flying
614	16/2/2017	13:10	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°11'213" E113°57'322"	50	2	NA	6	Adult	10	Roosting
615	16/2/2017	13:10	<i>Larus crassirostris</i>	Black-tailed Gull	N22°11'213" E113°57'322"	50	2	NA	13	Juvenile	10	Roosting
616	16/2/2017	13:14	<i>Larus crassirostris</i>	Black-tailed Gull	N22°10'766" E113°57'350"	80	2	NA	21	Juvenile	1	Roosting
617	16/2/2017	13:17	<i>Larus crassirostris</i>	Black-tailed Gull	N22°10'517" E113°57'340"	80	2	NA	10	Juvenile	1	Roosting
618	16/2/2017	13:20	<i>Larus crassirostris</i>	Black-tailed Gull	N22°10'369" E113°57'364"	70	2	NA	2	Juvenile	1	Roosting
619	16/2/2017	13:23	<i>Larus crassirostris</i>	Black-tailed Gull	N22°10'105" E113°57'346"	200	2	NA	1	Juvenile	1	Roosting
620	16/2/2017	13:23	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°10'105" E113°57'346"	200	2	NA	5	Adult	1	Roosting
621	16/2/2017	13:25	<i>Larus crassirostris</i>	Black-tailed Gull	N22°09'863" E113°57'350"	80	2	100	1	Juvenile	10	Flying
622	16/2/2017	13:26	<i>Larus crassirostris</i>	Black-tailed Gull	N22°09'731" E113°57'342"	100	2	NA	2	Juvenile	1	Roosting
623	16/2/2017	13:26	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°09'731" E113°57'342"	100	2	NA	30	Adult	1	Roosting
624	16/2/2017	13:39	<i>Larus crassirostris</i>	Black-tailed Gull	N22°09'060" E113°57'286"	80	2	280	1	Juvenile	30	Flying
625	16/2/2017	13:43	<i>Larus crassirostris</i>	Black-tailed Gull	N22°09'074" E113°56'970"	200	2	20	2	Juvenile	30	Flying
626	16/2/2017	13:44	<i>Larus crassirostris</i>	Black-tailed Gull	N22°09'072" E113°56'852"	150	2	90	1	Juvenile	30	Flying
627	16/2/2017	14:17	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12'589" E113°56'217"	150	2	200	1	Adult	2	Flying
628	16/2/2017	14:22	<i>Milvus migrans</i>	Black Kite	N22°13'267" E113°56'222"	150	2	180	3	Adult	5	Foraging
629	16/2/2017	14:28	<i>Milvus migrans</i>	Black Kite	N22°12'833" E113°56'051"	250	2	260	3	Adult	80	Foraging
630	16/2/2017	14:32	<i>Milvus migrans</i>	Black Kite	N22°12'490" E113°55'802"	200	2	320	5	Adult	80	Foraging
631	16/2/2017	14:32	<i>Milvus migrans</i>	Black Kite	N22°12'490" E113°55'802"	160	2	NA	1	Adult	100	Roosting
632	16/2/2017	14:32	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12'490" E113°55'802"	100	2	NA	1	Adult	1	Roosting
633	16/2/2017	14:37	<i>Milvus migrans</i>	Black Kite	N22°12'302" E113°55'078"	100	2	320	1	Adult	60	Foraging
634	16/2/2017	14:45	<i>Milvus migrans</i>	Black Kite	N22°11'369" E113°55'081"	150	2	200	5	Adult	80	Foraging
635	16/2/2017	14:48	<i>Buteo japonicus</i>	Common Buzzard	N22°11'369" E113°55'081"	100	2	90	1	Adult	60	Foraging
636	16/2/2017	14:50	<i>Acridotheres cristatellus</i>	Crested Myna	N22°10'793" E113°55'296"	60	2	NA	2	Adult	25	Roosting
637	16/2/2017	14:50	<i>Egretta sacra</i>	Pacific Reef Egret	N22°10'793" E113°55'296"	70	2	NA	1	Adult	3	Roosting
638	16/2/2017	14:53	<i>Milvus migrans</i>	Black Kite	N22°10'530" E113°55'187"	100	2	280	1	Adult	30	Foraging
639	16/2/2017	15:00	<i>Monticola solitarius</i>	Blue Rock Thrush	N22°09'891" E113°55'107"	150	2	NA	1	Adult	1	Roosting
640	16/2/2017	15:02	<i>Egretta sacra</i>	Pacific Reef Egret	N22°09'757" E113°55'096"	90	2	NA	1	Adult	1	Roosting
641	16/2/2017	15:04	<i>Falco peregrinus</i>	Peregrine Falcon	N22°09'400" E113°55'066"	800	2	NA	1	Adult	100	Roosting
642	16/2/2017	15:07	<i>Milvus migrans</i>	Black Kite	N22°09'121" E113°55'054"	120	2	20	1	Adult	60	Foraging
643	16/2/2017	15:16	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°08'740" E113°54'584"	250	2	260	6	Adult	30	Flying
644	16/2/2017	15:20	<i>Milvus migrans</i>	Black Kite	N22°08'885" E113°54'162"	300	2	270	2	Adult	100	Foraging
645	16/2/2017	15:27	<i>Haliaeetus leucogaster</i>	White-bellied Sea Eagle	N22°09'116" E113°53'822"	250	2	180	1	Adult	60	Foraging
646	16/2/2017	15:46	<i>Milvus migrans</i>	Black Kite	N22°11'815" E113°53'833"	50	2	190	1	Adult	50	Foraging
647	16/2/2017	15:49	<i>Milvus migrans</i>	Black Kite	N22°12'130" E113°53'833"	50	2	160	1	Adult	50	Foraging
648	16/2/2017	15:50	<i>Milvus migrans</i>	Black Kite	N22°12'332" E113°53'841"	80	2	20	2	Adult	30	Foraging
649	16/2/2017	15:55	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12'915" E113°53'744"	90	2	NA	1	Adult	1	Roosting
650	14/3/2017	11:02	<i>Haliaeetus leucogaster</i>	White-bellied Sea Eagle	N22°11'514" E113°58'859"	150	4	NA	1	Adult	80	Roosting
651	14/3/2017	11:15	<i>Hirundo rustica</i>	Barn Swallow	N22°09'686" E113°58'859"	15	4	180	1	Adult	1	Flying
652	14/3/2017	11:30	<i>Larus crassirostris</i>	Black-tailed Gull	N22°09'576" E113°58'003"	50	4	90	1	Juvenile	20	Flying
653	14/3/2017	11:30	<i>Hirundo rustica</i>	Barn Swallow	N22°09'576" E113°58'003"	60	4	180	2	Adult	30	Flying
654	14/3/2017	11:34	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°10'051" E113°57'990"	30	4	90	30	Adult	5	Flying
655	14/3/2017	11:39	<i>Larus crassirostris</i>	Black-tailed Gull	N22°10'716" E113°57'964"	80	4	180	1	Juvenile	10	Flying
656	14/3/2017	11:45	<i>Larus crassirostris</i>	Black-tailed Gull	N22°11'626" E113°57'949"	150	4	180	1	Juvenile	20	Flying
657	14/3/2017	11:48	<i>Milvus migrans</i>	Black Kite	N22°12'050" E113°57'950"	500	4	90	1	Adult	30	Foraging
658	14/3/2017	12:09	<i>Milvus migrans</i>	Black Kite	N22°13'270" E113°56'745"	200	4	80	1	Adult	30	Foraging
659	14/3/2017	12:17	<i>Larus cachinnans</i>	Yellow-legged Gull	N22°12'094" E113°56'757"	150	4	80	1	Adult	15	Flying
660	14/3/2017	12:28	<i>Larus crassirostris</i>	Black-tailed Gull	N22°10'502" E113°56'751"	60	4	180	4	Juvenile	20	Flying
661	14/3/2017	12:33	<i>Larus crassirostris</i>	Black-tailed Gull	N22°09'955" E113°56'745"	60	4	180	3	Juvenile	10	Flying
662	14/3/2017	13:02	<i>Milvus migrans</i>	Black Kite	N22°10'708" E113°55'674"	80	4	200	1	Adult	30	

Table 2 Sighting Records during the Boat-based Avifauna Surveys from July 2016 to June 2017

No.	Date	Time	Scientific Name	Common Name	Sighting Coordinates	Sighting Distance (m)	Beaufort	Flying Path (°)	Group Size	Group Composition (A: Adult; J: Juvenile)	Elevation (m)	Behaviour
685	20/3/2017	11:27	<i>Hirundo rustica</i>	Barn Swallow	N22°09.103' E113°53.743'	50	2	90	1	Adult	1	Flying
686	20/3/2017	11:43	<i>Milvulus migrans</i>	Black Kite	N22°08.811' E113°55.099'	100	2	20	1	Adult	40	Foraging
687	20/3/2017	11:46	<i>Milvulus migrans</i>	Black Kite	N22°09.392' E113°55.145'	200	2	290	1	Adult	100	Foraging
688	20/3/2017	11:48	<i>Milvulus migrans</i>	Black Kite	N22°09.636' E113°55.150'	250	2	90	1	Adult	10	Flying
689	20/3/2017	11:54	<i>Milvulus migrans</i>	Black Kite	N22°10.398' E113°55.144'	300	2	40	4	Adult	280	Foraging
690	20/3/2017	11:54	<i>Acridotheres cristatellus</i>	Crested Myna	N22°10.398' E113°55.144'	300	2	NA	8	Adult	280	Roosting
691	20/3/2017	11:56	<i>Milvulus migrans</i>	Black Kite	N22°10.623' E113°55.190'	50	2	90	1	Adult	10	Foraging
692	20/3/2017	11:58	<i>Acridotheres cristatellus</i>	Crested Myna	N22°10.838' E113°55.285'	50	2	NA	7	Adult	30	Roosting
693	20/3/2017	11:58	<i>Milvulus migrans</i>	Black Kite	N22°12.838' E113°55.285'	50	2	0	1	Adult	50	Foraging
694	20/3/2017	12:08	<i>Corvus macrorhynchos</i>	Large-billed Crow	N22°12.242' E113°55.058'	100	2	NA	2	Adult	150	Roosting
695	20/3/2017	12:15	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12.481' E113°55.804'	30	2	80	1	Adult	1	Flying
696	20/3/2017	12:18	<i>Milvulus migrans</i>	Black Kite	N22°12.771' E113°55.964'	50	2	20	1	Adult	1	Flying
697	20/3/2017	12:23	<i>Hirundo rustica</i>	Barn Swallow	N22°13.160' E113°56.170'	5	2	340	1	Adult	1	Flying
698	20/3/2017	12:34	<i>Hirundo rustica</i>	Barn Swallow	N22°11.627' E113°56.216'	5	2	320	1	Adult	2	Flying
699	20/3/2017	13:13	<i>Larus crassirostris</i>	Black-tailed Gull	N22°09.773' E113°57.380'	30	2	0	2	Juvenile	0	Swimming
700	20/3/2017	13:14	<i>Larus crassirostris</i>	Black-tailed Gull	N22°09.971' E113°57.345'	20	2	0	1	Juvenile	0	Swimming
701	20/3/2017	13:16	<i>Hirundo rustica</i>	Barn Swallow	N22°10.181' E113°57.313'	10	2	140	1	Adult	1	Flying
702	20/3/2017	13:27	<i>Hirundo rustica</i>	Barn Swallow	N22°11.049' E113°57.311'	10	2	10	1	Adult	1	Flying
703	20/3/2017	13:33	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°11.698' E113°57.316'	100	2	30	53	Adult	0	Swimming
704	20/3/2017	13:33	<i>Larus crassirostris</i>	Black-tailed Gull	N22°11.698' E113°57.316'	100	2	30	6	Juvenile	0	Swimming
705	20/3/2017	13:39	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°12.546' E113°57.343'	20	2	220	2	Juvenile	0	Swimming
706	20/3/2017	13:39	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°12.546' E113°57.343'	20	2	220	16	Adult	0	Swimming
707	20/3/2017	13:39	<i>Hirundo rustica</i>	Barn Swallow	N22°12.546' E113°57.343'	20	2	240	2	Adult	1	Flying
708	20/3/2017	13:47	<i>Hirundo rustica</i>	Barn Swallow	N22°13.530' E113°57.341'	10	2	160	3	Adult	2	Flying
709	20/3/2017	13:52	<i>Hirundo rustica</i>	Barn Swallow	N22°13.644' E113°57.967'	10	2	20	1	Adult	5	Flying
710	20/3/2017	14:03	<i>Milvulus migrans</i>	Black Kite	N22°12.777' E113°58.496'	200	2	125	1	Adult	3	Flying
711	20/3/2017	14:14	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°11.537' E113°58.533'	1000	2	97	3	Adult	20	Flying
712	20/3/2017	14:14	<i>Hirundo rustica</i>	Barn Swallow	N22°11.537' E113°58.533'	500	2	320	2	Adult	5	Flying
713	20/3/2017	14:23	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°10.360' E113°58.560'	200	2	248	7	Adult	2	Flying
714	20/3/2017	14:23	<i>Larus crassirostris</i>	Black-tailed Gull	N22°10.360' E113°58.560'	10	2	185	1	Juvenile	0	Swimming
715	20/3/2017	14:47	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	N22°09.849' E113°59.767'	300	2	32	3	Adult	0	Swimming
716	20/3/2017	15:01	<i>Egretta sacra</i>	Pacific Reef Egret	N22°11.763' E113°59.782'	80	2	335	1	Adult	4	Flying
717	20/3/2017	15:02	<i>Corvus macrorhynchos</i>	Large-billed Crow	N22°11.938' E113°59.765'	200	2	NA	1	Adult	100	Roosting
718	20/3/2017	15:02	<i>Milvulus migrans</i>	Black Kite	N22°11.938' E113°59.765'	200	2	290	2	Adult	20	Foraging
719	20/3/2017	15:05	<i>Milvulus migrans</i>	Black Kite	N22°12.315' E113°59.721'	50	2	296	1	Adult	10	Flying
720	20/3/2017	15:11	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12.804' E114°00.229'	50	2	35	1	Adult	3	Foraging
721	20/3/2017	15:13	<i>Milvulus migrans</i>	Black Kite	N22°12.878' E114°00.623'	30	2	90	1	Adult	15	Foraging
722	20/3/2017	15:19	<i>Milvulus migrans</i>	Black Kite	N22°12.664' E114°00.876'	500	2	122	5	Adult	100	Foraging
723	20/3/2017	15:23	<i>Milvulus migrans</i>	Black Kite	N22°11.994' E114°00.874'	100	2	146	1	Adult	5	Foraging
724	5/4/2017	10:38	<i>Milvulus migrans</i>	Black Kite	N22°11.250' E114°00.857'	400	2	40	12	Adult	150	Foraging
725	5/4/2017	10:38	<i>Milvulus migrans</i>	Black Kite	N22°11.250' E114°00.857'	200	2	284	1	Adult	30	Foraging
726	5/4/2017	10:44	<i>Milvulus migrans</i>	Black Kite	N22°12.057' E114°00.815'	250	2	30	1	Adult	10	Foraging
727	5/4/2017	10:44	<i>Hirundo rustica</i>	Barn Swallow	N22°12.057' E114°00.815'	250	2	30	1	Adult	10	Flying
728	5/4/2017	10:49	<i>Milvulus migrans</i>	Black Kite	N22°12.602' E114°00.809'	200	2	40	4	Adult	100	Foraging
729	5/4/2017	10:50	<i>Hirundo rustica</i>	Barn Swallow	N22°12.709' E114°00.737'	10	2	342	1	Adult	5	Flying
730	5/4/2017	10:56	<i>Milvulus migrans</i>	Black Kite	N22°12.763' E113°59.808'	200	2	301	3	Adult	80	Foraging
731	5/4/2017	10:56	<i>Apus nipalensis</i>	House Swift	N22°12.763' E113°59.808'	200	2	301	32	Adult	80	Flying
732	5/4/2017	11:01	<i>Milvulus migrans</i>	Black Kite	N22°12.267' E113°59.707'	300	2	218	1	Adult	150	Foraging
733	5/4/2017	11:09	<i>Milvulus migrans</i>	Black Kite	N22°11.279' E113°59.691'	50	2	181	1	Adult	10	Flying
734	5/4/2017	11:21	<i>Sternula albigula</i>	Little Tern	N22°09.673' E113°59.653'	50	2	281	1	Adult	0	Swimming
735	5/4/2017	11:40	<i>Sternula albigula</i>	Little Tern	N22°09.678' E113°58.431'	30	2	45	1	Adult	0	Swimming
736	5/4/2017	11:41	<i>Sternula albigula</i>	Little Tern	N22°09.837' E113°58.432'	20	2	323	2	Adult	0	Swimming
737	5/4/2017	11:57	<i>Milvulus migrans</i>	Black Kite	N22°11.459' E113°58.499'	200	2	63	1	Adult	130	Foraging
738	5/4/2017	12:09	<i>Milvulus migrans</i>	Black Kite	N22°12.923' E113°58.511'	1000	2	70	3	Adult	150	Foraging
739	5/4/2017	12:11	<i>Milvulus migrans</i>	Black Kite	N22°13.256' E113°58.512'	20	2	0	1	Adult	1	Flying
740	5/4/2017	12:31	<i>Milvulus migrans</i>	Black Kite	N22°12.522' E113°57.309'	300	2	182	1	Adult	1	Foraging
741	5/4/2017	12:37	<i>Phalaropus lobatus</i>	Red-necked Phalarope	N22°11.773' E113°57.349'	5	2	180	1	Adult	0	Swimming
742	5/4/2017	12:42	<i>Egretta garzetta</i>	Little Egret	N22°11.315' E113°57.361'	30	2	142	12	Adult	20	Flying
743	5/4/2017	12:42	<i>Bubulcus coromandus</i>	Cattle Egret	N22°11.315' E113°57.361'	30	2	142	1	Adult	20	Flying
744	5/4/2017	12:54	<i>Egretta garzetta</i>	Little Egret	N22°10.286' E113°57.309'	20	2	128	1	Adult	1	Flying
745	5/4/2017	12:57	<i>Egretta garzetta</i>	Little Egret	N22°09.879' E113°57.340'	100	2	144	9	Adult	1	Flying
746	5/4/2017	12:59	<i>Sternula albigula</i>	Little Tern	N22°09.544' E113°57.339'	10	2	170	1	Adult	5	Flying
747	5/4/2017	13:20	<i>Milvulus migrans</i>	Black Kite	N22°10.231' E113°56.185'	20	2	35	1	Adult	1	Foraging
748	5/4/2017	13:22	<i>Phalaropus lobatus</i>	Red-necked Phalarope	N22°10.580' E113°56.228'	10	2	18	1	Adult	0	Swimming
749	5/4/2017	13:28	<i>Milvulus migrans</i>	Black Kite	N22°11.452' E113°56.229'	30	2	50	1	Adult	15	Flying
750	5/4/2017	13:38	<i>Milvulus migrans</i>	Black Kite	N22°12.809' E113°56.177'	200	2	307	4	Adult	80	Foraging
751	5/4/2017	13:50	<i>Milvulus migrans</i>	Black Kite	N22°12.486' E113°55.776'	100	2	301	1	Adult	150	Foraging
752	5/4/2017	14:18	<i>Milvulus migrans</i>	Black Kite	N22°09.675' E113°55.042'	10	2	288	1	Adult	15	Flying
753	5/4/2017	14:18	<i>Milvulus migrans</i>	Black Kite	N22°09.675' E113°55.042'	250	2	288	1	Adult	30	Flying
754	5/4/2017	14:37	<i>Milvulus migrans</i>	Black Kite	N22°09.233' E113°53.773'	400	2	45	3	Adult	250	Foraging
755	5/4/2017	14:40	<i>Milvulus migrans</i>	Black Kite	N22°09.580' E113°53.779'	500	2	29	1	Adult	15	Foraging
756	5/4/2017	14:47	<i>Egretta sacra</i>	Pacific Reef Egret	N22°10.339' E113°53.849'	20	2	NA	1	Adult	5	Roosting
757	5/4/2017	14:49	<i>Milvulus migrans</i>	Black Kite	N22°10.642' E113°53.845'	600	2	NA	1	Adult	5	Roosting
758	5/4/2017	14:53	<i>Milvulus migrans</i>	Black Kite	N22°11.128' E113°53.823'	800	2	306	1	Adult	100	Foraging
759	5/4/2017	15:02	<i>Milvulus migrans</i>	Black Kite	N22°12.298' E113°53.796'	70	2	298	1	Adult	5	Flying
760	5/4/2017	15:02	<i>Phalaropus lobatus</i>	Red-necked Phalarope	N22°12.298' E113°53.796'	70	2	298	4	Adult	0	Swimming
761	10/4/2017	11:28	<i>Hirundo rustica</i>	Barn Swallow	N22°09.384' E113°53.286'	50	2	90	1	Adult	5	Flying
762	10/4/2017	11:54	<i>Milvulus migrans</i>	Black Kite	N22°12.634' E113°53.291'	200	2	120	1	Adult	5	Foraging
763	10/4/2017	11:55	<i>Milvulus migrans</i>	Black Kite	N22°12.865' E113°53.282'	100	2	180	1	Adult	100	Foraging
764	10/4/2017	11:58	<i>Milvulus migrans</i>	Black Kite	N22°12.840' E113°53.580'	150	2	270	3	Adult	10	Foraging
765	10/4/2017	11:59	<i>Milvulus migrans</i>	Black Kite	N22°12.791' E113°53.699'	400	2	160	4	Adult	120	Foraging
766	10/4/2017	12:03	<i>Milvulus migrans</i>	Black Kite	N22°12.546' E113°54.134'	500	2	20	3	Adult	30	Foraging
767	10/4/2017	12:10	<i>Milvulus migrans</i>	Black Kite	N22°11.814' E113°54.527'	250	2	120	1	Adult	120	Foraging
768	10/4/2017	12:19	<i>Milvulus migrans</i>	Black Kite	N22°11.608' E113°54.725'	500	2	170	2	Adult	80	Foraging
769	10/4/2017	12:26	<i>Milvulus migrans</i>	Black Kite	N22°11.072' E113°54.277'	200	2	120	6	Adult	100	Foraging
770	10/4/2017	12:26	<i>Apus nipalensis</i>	House Swift	N22°11.072' E113°54.277'	200	2	120	2	Adult	150	Flying
771	10/4/2017	12:29	<i>Halaelurus leucogaster</i>	White-bellied Sea Eagle	N22°11.072' E113°54.277'	200	2	170	1	Juvenile	150	Flying
772	10/4/2017	12:33	<i>Acridotheres cristatellus</i>	Crested Myna	N22°10.349' E113°54.509'	250	2	NA	6	Adult	3	Roosting
773	10/4/2017	12:35	<i>Milvulus migrans</i>	Black Kite	N22°10.162' E113°54.447'	50	2	10	1	Adult	10	Foraging
774	10/4/2017	12:37	<i>Milvulus migrans</i>	Black Kite	N22°09.947' E113°54.261'	250	2	160	1	Adult	30	Foraging
775	10/4/2017	12:38	<i>Milvulus migrans</i>	Black Kite	N22°09.947' E113°54.261'	250	2	140	1	Adult	100	Foraging
776	10/4/2017	12:42	<i>Egretta sacra</i>	Pacific Reef Egret	N22°09.557' E113°53.907'	50	2	NA	1	Adult	1	Roosting
777	10/4/2017	12:44	<i>Milvulus migrans</i>	Black Kite	N22°09.347' E113°54.12							

Table 2 Sighting Records during the Boat-based Avifauna Surveys from July 2016 to June 2017

No.	Date	Time	Scientific Name	Common Name	Sighting Coordinates	Sighting Distance (m)	Beaufort	Flying Path (°)	Group Size	Group Composition (A: Adult; J: Juvenile)	Elevation (m)	Behaviour
799	11/5/2017	10:35	<i>Milvus migrans</i>	Black Kite	N22°11'736" E114°00'303"	300	2	300	2	Adult	100	Foraging
800	11/5/2017	10:35	<i>Milvus migrans</i>	Black Kite	N22°11'736" E114°00'303"	500	2	74	7	Adult	150	Foraging
801	11/5/2017	10:41	<i>Chlidonias leucopterus</i>	White-winged Tern	N22°12'479" E114°00'304"	150	2	150	7	Adult	10	Flying
802	11/5/2017	10:41	<i>Milvus migrans</i>	Black Kite	N22°12'479" E114°00'304"	20	2	351	1	Adult	30	Flying
803	11/5/2017	10:43	<i>Chlidonias leucopterus</i>	White-winged Tern	N22°12'213" E114°00'834"	20	2	173	9	Adult	2	Flying
804	11/5/2017	10:51	<i>Milvus migrans</i>	Black Kite	N22°12'213" E114°00'834"	50	2	156	1	Adult	200	Foraging
805	11/5/2017	11:49	<i>Chlidonias leucopterus</i>	White-winged Tern	N22°12'282" E113°59'693"	20	2	4	60	Adult	10	Flying
806	11/5/2017	11:54	<i>Milvus migrans</i>	Black Kite	N22°12'755" E113°59'575"	300	2	335	1	Adult	150	Foraging
807	11/5/2017	11:54	<i>Chlidonias leucopterus</i>	White-winged Tern	N22°12'755" E113°59'575"	150	2	NA	1	Adult	50	Roosting
808	11/5/2017	11:58	<i>Ardea alba</i>	Great Egret	N22°12'732" E113°59'010"	100	2	297	8	Adult	2	Flying
809	11/5/2017	11:58	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12'732" E113°59'010"	50	2	NA	1	Adult	5	Roosting
810	11/5/2017	12:01	<i>Milvus migrans</i>	Black Kite	N22°12'946" E113°58'745"	50	2	331	1	Adult	100	Flying
811	11/5/2017	12:12	<i>Chlidonias leucopterus</i>	White-winged Tern	N22°12'684" E113°58'535"	200	2	150	1	Adult	50	Flying
812	11/5/2017	12:12	<i>Corvus macrorhynchos</i>	Large-billed Crow	N22°12'684" E113°58'535"	500	2	NA	1	Adult	250	Roosting
813	11/5/2017	12:12	<i>Chlidonias leucopterus</i>	White-winged Tern	N22°12'684" E113°58'535"	300	2	150	120	Adult	5	Flying
814	11/5/2017	12:12	<i>Sterna hirundo</i>	Common Tern	N22°12'684" E113°58'535"	300	2	NA	1	Adult	5	Roosting
815	11/5/2017	12:12	<i>Sterna sumatrana</i>	Black-naped Tern	N22°12'684" E113°58'535"	300	2	150	2	Adult	5	Flying
816	11/5/2017	12:21	<i>Haliaeetus leucogaster</i>	White-bellied Sea Eagle	N22°11'619" E113°55'515"	500	2	NA	1	Adult	20	Roosting
817	11/5/2017	12:24	<i>Sterna hirundo</i>	Common Tern	N22°11'272" E113°58'538"	80	2	198	19	Adult	0	Swimming
818	11/5/2017	12:42	<i>Chlidonias leucopterus</i>	White-winged Tern	N22°09'131" E113°58'483"	150	2	140	4	Adult	0	Swimming
819	11/5/2017	12:45	<i>Milvus migrans</i>	Black Kite	N22°09'125" E113°58'213"	200	2	182	1	Adult	30	Flying
820	11/5/2017	13:04	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°10'881" E113°57'320"	20	2	35	2	Adult	0	Swimming
821	11/5/2017	13:08	<i>Sterna hirundo</i>	Common Tern	N22°11'227" E113°57'331"	100	2	NA	2	Adult	0	Roosting
822	11/5/2017	13:13	<i>Sterna hirundo</i>	Common Tern	N22°11'699" E113°57'361"	100	2	79	21	Adult	0	Swimming
823	11/5/2017	13:13	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°11'699" E113°57'361"	50	2	285	1	Adult	2	Flying
824	11/5/2017	13:15	<i>Chlidonias leucopterus</i>	White-winged Tern	N22°12'107" E113°57'390"	150	2	247	3	Adult	5	Flying
825	11/5/2017	13:27	<i>Milvus migrans</i>	Black Kite	N22°13'548" E113°57'244"	400	2	NA	1	Adult	30	Roosting
826	11/5/2017	13:51	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°11'154" E113°56'214"	150	2	250	1	Adult	5	Flying
827	11/5/2017	13:52	<i>Sterna sumatrana</i>	Black-naped Tern	N22°11'030" E113°56'207"	800	2	140	2	Adult	3	Flying
828	11/5/2017	13:52	<i>Milvus migrans</i>	Black Kite	N22°11'030" E113°56'207"	800	2	140	1	Adult	3	Flying
829	11/5/2017	14:03	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°09'681" E113°56'195"	100	2	257	2	Adult	5	Flying
830	11/5/2017	14:18	<i>Thalasseus bergii</i>	Greater Crested Tern	N22°08'503" E113°55'140"	50	2	45	1	Adult	10	Flying
831	11/5/2017	14:23	<i>Milvus migrans</i>	Black Kite	N22°09'235" E113°55'074"	200	2	13	1	Adult	100	Foraging
832	11/5/2017	14:23	<i>Sterna sumatrana</i>	Black-naped Tern	N22°09'235" E113°55'074"	150	2	NA	14	Adult	1	Roosting
833	11/5/2017	14:27	<i>Sterna sumatrana</i>	Black-naped Tern	N22°09'655" E113°55'081"	100	2	NA	5	Adult	0	Roosting
834	11/5/2017	14:27	<i>Egretta sacra</i>	Pacific Reef Egret	N22°09'655" E113°55'081"	250	2	NA	1	Adult	2	Roosting
835	11/5/2017	14:30	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10'097" E113°55'145"	200	2	NA	3	Adult	1	Roosting
836	11/5/2017	14:33	<i>Milvus migrans</i>	Black Kite	N22°10'485" E113°55'253"	200	2	19	2	Adult	50	Foraging
837	11/5/2017	14:33	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10'485" E113°55'253"	100	2	NA	2	Adult	3	Roosting
838	11/5/2017	14:44	<i>Chlidonias leucopterus</i>	White-winged Tern	N22°11'863" E113°55'074"	20	2	289	3	Adult	5	Flying
839	11/5/2017	14:49	<i>Milvus migrans</i>	Black Kite	N22°12'313" E113°54'760"	300	2	280	2	Adult	100	Foraging
840	11/5/2017	15:03	<i>Milvus migrans</i>	Black Kite	N22°11'830" E113°53'790"	30	2	215	1	Adult	10	Flying
841	11/5/2017	15:03	<i>Chlidonias leucopterus</i>	White-winged Tern	N22°11'830" E113°53'790"	1000	2	215	5	Adult	30	Flying
842	11/5/2017	15:30	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10'330" E113°53'833"	20	2	NA	1	Adult	5	Roosting
843	11/5/2017	15:30	<i>Acridotheres cristatellus</i>	Crested Myna	N22°10'330" E113°53'833"	30	2	NA	1	Adult	10	Roosting
844	11/5/2017	15:34	<i>Milvus migrans</i>	Black Kite	N22°09'800" E113°53'824"	200	2	157	1	Adult	200	Foraging
845	11/5/2017	15:36	<i>Sterna sumatrana</i>	Black-naped Tern	N22°09'515" E113°53'811"	400	2	140	3	Adult	1	Flying
846	11/5/2017	15:40	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°09'000" E113°53'741"	500	2	210	1	Adult	5	Flying
847	11/5/2017	15:45	<i>Milvus migrans</i>	Black Kite	N22°09'150" E113°54'595"	200	2	134	2	Adult	50	Flying
848	11/5/2017	15:45	<i>Sterna sumatrana</i>	Black-naped Tern	N22°09'150" E113°54'595"	150	2	109	15	Adult	0	Swimming
849	11/5/2017	15:50	<i>Acridotheres cristatellus</i>	Crested Myna	N22°09'490" E113°55'325"	150	2	NA	1	Adult	30	Roosting
850	11/5/2017	15:57	<i>Milvus migrans</i>	Black Kite	N22°10'027" E113°56'336"	300	2	72	1	Adult	100	Flying
851	11/5/2017	16:04	<i>Chlidonias leucopterus</i>	White-winged Tern	N22°10'489" E113°57'338"	150	2	69	17	Adult	0	Flying
852	11/5/2017	16:04	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°10'489" E113°57'338"	150	2	69	1	Adult	0	Flying
853	11/5/2017	16:09	<i>Chlidonias leucopterus</i>	White-winged Tern	N22°10'794" E113°58'136"	50	2	106	12	Adult	2	Flying
854	11/5/2017	16:09	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°10'794" E113°58'136"	50	2	106	1	Adult	2	Flying
855	11/5/2017	16:09	<i>Chlidonias hybrida</i>	Whiskered Tern	N22°10'794" E113°58'136"	50	2	106	1	Adult	2	Flying
856	4/5/2017	12:27	<i>Phalaropus lobatus</i>	Red-necked Phalarope	N22°12'226" E113°54'489"	30	2	180	1	Adult	10	Swimming
857	4/5/2017	12:29	<i>Sterna sumatrana</i>	Black-naped Tern	N22°11'933" E113°54'494"	10	2	229	1	Adult	5	Flying
858	4/5/2017	12:39	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10'783" E113°54'230"	50	2	NA	2	Adult	5	Roosting
859	4/5/2017	12:41	<i>Milvus migrans</i>	Black Kite	N22°10'590" E113°54'408"	100	2	173	2	Adult	5	Foraging
860	4/5/2017	12:41	<i>Egretta sacra</i>	Pacific Reef Egret	N22°10'590" E113°54'408"	100	2	NA	1	Adult	2	Roosting
861	4/5/2017	12:45	<i>Ardea alba</i>	Great Egret	N22°10'206" E113°54'373"	500	2	204	54	Adult	2	Flying
862	4/5/2017	12:53	<i>Acridotheres cristatellus</i>	Crested Myna	N22°09'384" E113°54'011"	100	2	NA	1	Adult	5	Roosting
863	4/5/2017	13:03	<i>Egretta sacra</i>	Pacific Reef Egret	N22°08'519" E113°54'521"	50	2	120	1	Adult	1	Flying
864	4/5/2017	13:27	<i>Actitis hypoleucos</i>	Common Sandpiper	N22°10'586" E113°55'675"	80	2	NA	1	Adult	2	Roosting
865	4/5/2017	13:40	<i>Stercorarius pomarinus</i>	Pomarine Jaeger	N22°11'800" E113°55'646"	20	2	12	1	Adult	10	Flying
866	4/5/2017	13:43	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12'366" E113°55'655"	250	2	NA	1	Adult	10	Roosting
867	4/5/2017	13:48	<i>Bubulcus coromandus</i>	Cattle Egret	N22°12'787" E113°56'115"	150	2	NA	6	Adult	3	Roosting
868	4/5/2017	13:52	<i>Egretta sacra</i>	Pacific Reef Egret	N22°13'180" E113°56'477"	150	2	86	1	Adult	3	Flying
869	4/5/2017	13:52	<i>Milvus migrans</i>	Black Kite	N22°13'180" E113°56'477"	500	2	NA	1	Adult	10	Roosting
870	4/5/2017	13:55	<i>Sterna sumatrana</i>	Black-naped Tern	N22°13'496" E113°56'686"	100	2	254	1	Adult	3	Flying
871	4/5/2017	13:55	<i>Actitis hypoleucos</i>	Common Sandpiper	N22°13'496" E113°56'686"	200	2	NA	1	Adult	2	Roosting
872	4/5/2017	14:01	<i>Egretta sacra</i>	Pacific Reef Egret	N22°12'799" E113°56'715"	80	2	NA	1	Adult	3	Roosting
873	4/5/2017	14:07	<i>Phalaropus lobatus</i>	Red-necked Phalarope	N22°12'068" E113°56'763"	150	2	232	1	Adult	0	Swimming
874	4/5/2017	14:55	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10'046" E113°57'956"	70	2	NA	1	Adult	0	Roosting
875	4/5/2017	15:00	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10'648" E113°57'947"	10	2	NA	1	Adult	0	Roosting
876	4/5/2017	15:08	<i>Phalaropus lobatus</i>	Red-necked Phalarope	N22°11'679" E113°57'951"	15	2	278	9	Adult	0	Swimming
877	4/5/2017	15:17	<i>Phalaropus lobatus</i>	Red-necked Phalarope	N22°12'452" E113°57'955"	150	2	97	7	Adult	0	Swimming
878	4/5/2017	15:35	<i>Haliaeetus leucogaster</i>	White-bellied Sea Eagle	N22°12'830" E113°58'965"	1000	2	NA	1	Adult	100	Roosting
879	4/5/2017	15:40	<i>Milvus migrans</i>	Black Kite	N22°12'230" E113°59'103"	200	2	221	1	Adult	20	Flying
880	4/5/2017	15:42	<i>Phalaropus lobatus</i>	Red-necked Phalarope	N22°12'079" E113°58'913"	15	2	231	1	Adult	0	Swimming
881	4/5/2017	15:50	<i>Spilopelia chinensis</i>	Spotted Dove	N22°11'264" E113°59'092"	250	2	NA	1	Adult	100	Roosting
882	16/6/2017	11:47	<i>Milvus migrans</i>	Black Kite	N22°12'569" E113°53'953"	800	3	160	1	Adult	150	Foraging
883	16/6/2017	11:50	<i>Milvus migrans</i>	Black Kite	N22°12'425" E113°54'361"	400	3	80	2	Adult	120	Foraging
884	16/6/2017	11:55	<i>Sterna sumatrana</i>	Black-naped Tern	N22°11'813" E113°54'412"	20	3	NA	2	Adult	1	Roosting
885	16/6/2017	12:00	<i>Milvus migrans</i>	Black Kite	N22°11'160" E113°54'277"	200	3	0	2	Adult	100	Foraging
886	16/6/2017	12:00	<i>Dicrurus macrocerus</i>	Black Drongo	N22°11'160" E113°54'277"	200	3	NA	2	Adult	100	Roosting
887	16/6/2017	12:02	<i>Corvus macrorhynchos</i>	Large-billed Crow	N22°10'837" E113°54'244"	200	3	10	1	Adult	100	Flying
888	16/6/2017	12:04	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10'596" E113°54'442"	200	3	30	11	Adult	1	Foraging
889	16/6/2017	12:05	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10'437" E113°54'541"	250	3	NA	9	Adult	5	Roosting
890	16/6/2017	12:11	<i>Milvus migrans</i>	Black Kite	N22°09'949" E113°54'089"	200	3	80	1	Adult	10	Foraging
891	16/6/2017	12:11	<i>Sterna sumatrana</i>	Black-naped Tern	N22°09'949" E11							

Table 2 Sighting Records during the Boat-based Avifauna Surveys from July 2016 to June 2017

No.	Date	Time	Scientific Name	Common Name	Sighting Coordinates	Sighting Distance (m)	Beaufort	Flying Path (°)	Group Size	Group Composition (A: Adult; J: Juvenile)	Elevation (m)	Behaviour
913	5/6/2017	12:51	<i>Sterna sumatrana</i>	Black-naped Tern	N22°11.546' E113°56.199'	400	2	91	1	Adult	5	Flying
914	5/6/2017	13:28	<i>Sterna sumatrana</i>	Black-naped Tern	N22°09.457' E113°55.054'	150	2	83	1	Adult	3	Flying
915	5/6/2017	13:29	<i>Egretta sacra</i>	Pacific Reef Egret	N22°09.701' E113°55.080'	20	2	NA	4	Adult	1	Roosting
916	5/6/2017	13:31	<i>Milvulus migrans</i>	Black Kite	N22°09.952' E113°55.099'	50	2	292	1	Adult	150	Foraging
917	5/6/2017	13:35	<i>Onychoprion anaethetus</i>	Bridled Tern	N22°10.473' E113°55.135'	150	2	NA	1	Adult	2	Roosting
918	5/6/2017	13:35	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.473' E113°55.138'	150	2	NA	4	Adult	2	Roosting
919	5/6/2017	13:37	<i>Milvulus migrans</i>	Black Kite	N22°10.798' E113°55.297'	30	2	215	1	Adult	50	Flying
920	5/6/2017	13:37	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.798' E113°55.297'	20	2	323	1	Adult	3	Flying
921	5/6/2017	13:42	<i>Milvulus migrans</i>	Black Kite	N22°11.247' E113°55.025'	50	2	80	1	Adult	100	Flying
922	5/6/2017	13:49	<i>Milvulus migrans</i>	Black Kite	N22°12.268' E113°54.825'	800	2	345	6	Adult	400	Foraging
923	5/6/2017	13:54	<i>Milvulus migrans</i>	Black Kite	N22°12.482' E113°54.253'	200	2	8	1	Adult	30	Flying
924	5/6/2017	13:57	<i>Milvulus migrans</i>	Black Kite	N22°12.450' E113°53.875'	300	2	187	1	Adult	2	Foraging
925	5/6/2017	13:57	<i>Milvulus migrans</i>	Black Kite	N22°12.450' E113°53.875'	100	2	153	1	Adult	10	Flying
926	5/6/2017	14:14	<i>Sterna sumatrana</i>	Black-naped Tern	N22°10.384' E113°53.703'	100	2	190	1	Adult	1	Foraging
927	5/6/2017	14:19	<i>Milvulus migrans</i>	Black Kite	N22°09.641' E113°53.747'	400	2	140	1	Adult	10	Flying
928	5/6/2017	14:25	<i>Spilopelia chinensis</i>	Spotted Dove	N22°09.424' E113°53.329'	20	2	351	1	Adult	5	Flying

Table 3 Bird Species Recorded within the Avifauna Assessment Area during the Boat-based Avifauna Surveys

Remarks: Blank cells indicate such information is not known/assessed. Species of Conservation Interest is highlighted in grey (either listed in China Protection Status, listed in CITES, listed as Near Threatened or above under IUCN Red List or with status listed under Fellowes et al. (2002)).

IUCN - LC: Least Concern; NT: Near Threatened; VU: Vulnerable

Fellowes et al. (2002) - LC: Local Concern; RC: Regional Concern; PRC: Potential Regional Concern

Bird Group	Family	Common Name	Species Name	Commonness	China Protection Status	CITES	IUCN	Fellowes et al. (2002)	China Red Data Book
Birds of Prey	Accipitridae	Black Kite	<i>Milvus migrans</i>	Common resident and winter visitor. Widely distributed in Hong Kong.	Class II	II	LC	RC	
	Accipitridae	White-bellied Sea Eagle	<i>Haliaeetus leucogaster</i>	Uncommon resident. Widely distributed in coastal areas throughout Hong Kong.	Class II	II	LC	RC	Indeterminate
	Accipitridae	Common Buzzard	<i>Buteo japonicus</i>	Common winter visitor. Widely distributed in Hong Kong	Class II	II	LC		
	Falconidae	Peregrine Falcon	<i>Falco peregrinus</i>	Scarce resident and winter visitor. Widely distributed in Hong Kong.	Class II	I	LC	LC	
	Accipitridae	Crested Goshawk	<i>Accipiter trivirgatus</i>	Uncommon resident. Widely distributed in woodlands and shrublands throughout Hong Kong.	Class II	II	LC		Rare
	Accipitridae	Crested Serpent Eagle	<i>Spilornis cheela</i>	Uncommon resident. Widely distributed in shrublands on hillsides throughout Hong Kong.	Class II	II	LC	LC	Vulnerable
	Falconidae	Common Kestrel	<i>Falco tinnunculus</i>	Common autumn migrant and winter visitor. Widely distributed in Hong Kong.	Class II	II	LC		
Egrets & Herons	Ardeidae	Pacific Reef Egret	<i>Egretta sacra</i>	Uncommon resident. Widely distributed in coastal area throughout Hong Kong.	Class II		LC	LC	Rare
	Ardeidae	Great Egret	<i>Ardea alba</i>	Common resident and winter visitor. Widely distributed in Hong Kong.			LC	PRC	
	Ardeidae	Little Egret	<i>Egretta garzetta</i>	Common resident. Widely distributed in coastal area throughout Hong Kong.			LC	PRC	
	Ardeidae	Cattle Egret	<i>Bubulcus coromandus</i>	Resident and common passage migrant. Widely distributed in Hong Kong.			LC	LC	
Gulls & Terns	Laridae	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Common winter visitor. Found in Deep Bay area, Tolo Harbour, Starling Inlet, Victoria Harbour.			LC	PRC	
	Sternidae	White-winged Tern	<i>Chlidonias leucopterus</i>	Uncommon passage migrant. Found in Deep Bay area, Cheung Chau, Po Toi, Long Valley, Cape D'Aguilar, Lamma Island.			LC		
	Sternidae	Black-naped Tern	<i>Sterna sumatrana</i>	Common summer visitor. Found in Mirs Bay, Cape D'Aguilar, Waglan Island, Cheung Chau.			LC	LC	
	Sternidae	Common Tern	<i>Sterna hirundo</i>	Common passage migrant. Found in Tai O, Mirs Bay, Victoria Harbour, Tolo Harbour, Cape D'Aguilar, Cheung Chau.			LC		
	Laridae	Black-tailed Gull	<i>Larus crassirostris</i>	Uncommon winter visitor. Found in Deep Bay area, Tolo Harbour, Starling Inlet, Lamma Island, Mirs Bay.			LC	LC	
	Sternidae	Bridled Tern	<i>Onychoprion anaethetus</i>	Uncommon summer visitor. Found in Mirs Bay, Tolo Channel, Cheung Chau, Waglan Island, Cape D'Aguilar.			LC	LC	
	Sternidae	Aleutian Tern	<i>Onychoprion aleuticus</i>	Uncommon passage migrant. Found in Cheung Chau, Lamma Island, Po Toi, Cape D'Aguilar, Ninepins.			VU		
	Sternidae	Whiskered Tern	<i>Chlidonias hybrida</i>	Uncommon passage migrant. Found in Deep Bay area, Shuen Wan, Tolo Harbour, Cape D'Aguilar, Cheung Chau.			LC		
	Sternidae	Greater Crested Tern	<i>Thalasseus bergii</i>	Scarce passage migrant. Found in Tap Mun, Cheung Chau, Po Toi, Lamma Island, Deep Bay area, Tolo Channel, Tai O.			LC		
	Sternidae	Little Tern	<i>Sternula albifrons</i>	Uncommon passage migrant. Found in Mai Po, Ting Kau, Tsuen Wan ferry.			LC	LC	
	Laridae	Yellow-legged Gull	<i>Larus cachinnans</i>	Scarce winter visitor and passage migrant. Found in Deep Bay area.			LC	LC	
	Sternidae	Roseate Tern	<i>Sterna dougallii</i>	Uncommon summer visitor. Found in Mirs Bay, Tolo Channel and Waglan Island.			LC	LC	

Table 3 Bird Species Recorded within the Avifauna Assessment Area during the Boat-based Avifauna Surveys

Remarks: Blank cells indicate such information is not known/assessed. Species of Conservation Interest is highlighted in grey (either listed in China Protection Status, listed in CITES, listed as Near Threatened or above under IUCN Red List or with status listed under Fellowes et al. (2002)).

IUCN - LC: Least Concern; NT: Near Threatened; VU: Vulnerable

Fellowes et al. (2002) - LC: Local Concern; RC: Regional Concern; PRC: Potential Regional Concern

Bird Group	Family	Common Name	Species Name	Commonness	China Protection Status	CITES	IUCN	Fellowes et al. (2002)	China Red Data Book
Others (Landbirds)	Pycnonotidae	Chinese Bulbul	<i>Pycnonotus sinensis</i>	Abundant resident. Widely distributed in Hong Kong.			LC		
	Sturnidae	Crested Myna	<i>Acridotheres cristatellus</i>	Common resident. Widely distributed in Hong Kong.			LC		
	Hirundinidae	Barn Swallow	<i>Hirundo rustica</i>	Abundant passage migrant and summer visitor. Widely distributed in Hong Kong.			LC		
	Apodidae	House Swift	<i>Apus nipalensis</i>	Abundant spring migrant and locally common resident. Widely distributed in Hong Kong.			LC	LC	
	Muscicapidae	Blue Rock Thrush	<i>Monticola solitarius</i>	Uncommon passage migrant and winter visitor. Widely distributed in hillside grassland throughout Hong Kong.			LC		
	Corvidae	Large-billed Crow	<i>Corvus macrorhynchos</i>	Common resident. Widely distributed in Hong Kong.			LC		
	Dicruridae	Black Drongo	<i>Dicrurus macrocercus</i>	Common summer visitor. Widely distributed in open area throughout Hong Kong.			LC		
	Columbidae	Spotted Dove	<i>Spilopelia chinensis</i>	Abundant resident. Widely distributed in Hong Kong.			LC		
Seabirds (excluded Gulls & Terns)	Laniidae	Long-tailed Shrike	<i>Lanius schach</i>	Common resident. Widely distributed in open areas throughout Hong Kong.			LC		
	Scolopacidae	Red-necked Phalarope	<i>Phalaropus lobatus</i>	Common passage migrant. Widely distributed in sea throughout Hong Kong.			LC		
Waterbirds and Wetland Dependent Birds (excluded Egrets & Herons)	Stercorariidae	Pomarine Jaeger	<i>Stercorarius pomarinus</i>	Occasional visitor. Found in Cape D'Aguilar, East Lamma Channel.			LC		
	Scolopacidae	Common Sandpiper	<i>Actitis hypoleucos</i>	Common passage migrant and winter visitor. Widely distributed in wetland area throughout Hong Kong.			LC		
	Scolopacidae	Grey-tailed Tattler	<i>Tringa brevipes</i>	Common passage migrant. Found in Deep Bay area.			NT	LC	
	Scolopacidae	Whimbrel	<i>Numenius phaeopus</i>	Common passage migrant. Found in Deep Bay area, Sai Kung, Tung Ping Chau, Ninepins, Cape D'Aguilar, Pok Fu Lam.			LC	LC	
	Alcedinidae	Pied Kingfisher	<i>Ceryle rudis</i>	Uncommon resident. Widely distributed in lakes and ponds throughout Hong Kong.			LC	LC	
	Anatidae	Northern Pintail	<i>Anas acuta</i>	Abundant winter visitor. Found in Deep Bay area, Shuen Wan, Long Valley, Kam Tin.			LC	RC	

Table 4 Total and Mean Abundance (Number of Individuals per Survey Trip) of Bird Species in Each Season Recorded within the Avifauna Assessment Area

Remark: The five most abundant bird species recorded are highlighted in grey.

Bird Group	Common Name		Mean Abundance (Total Abundance)					% Abundance	Rank
		Effective Survey Trips	6	6	6	6	24		
		Species Name	Spring	Summer	Autumn	Winter	Overall		
Birds of Prey	Black Kite	<i>Milvus migrans</i>	25.2 (151)	25.8 (155)	31.2 (187)	41.2 (247)	30.8 (740)	28.0	1
	White-bellied Sea Eagle	<i>Haliaeetus leucogaster</i>	0.8 (5)	0.5 (3)	1.5 (9)	1.3 (8)	1 (25)	0.9	17
	Common Buzzard	<i>Buteo japonicus</i>	0.2 (1)	0 (0)	0.2 (1)	0.8 (5)	0.3 (7)	0.3	21
	Peregrine Falcon	<i>Falco peregrinus</i>	0.2 (1)	0 (0)	0 (0)	0.7 (4)	0.2 (5)	0.2	25
	Crested Goshawk	<i>Accipiter trivirgatus</i>	0 (0)	0 (0)	0.2 (1)	0 (0)	0 (1)	0.0	32
	Crested Serpent Eagle	<i>Spilornis cheela</i>	0.2 (1)	0 (0)	0 (0)	0 (0)	0 (1)	0.0	32
	Common Kestrel	<i>Falco tinnunculus</i>	0 (0)	0 (0)	0.2 (1)	0 (0)	0 (1)	0.0	32
Egrets & Herons	Pacific Reef Egret	<i>Egretta sacra</i>	2.7 (16)	4 (24)	2.3 (14)	4.5 (27)	3.4 (81)	3.1	10
	Great Egret	<i>Ardea alba</i>	10.3 (62)	0 (0)	0 (0)	0 (0)	2.6 (62)	2.3	12
	Little Egret	<i>Egretta garzetta</i>	3.7 (22)	0.5 (3)	2 (12)	0 (0)	1.5 (37)	1.4	15
	Cattle Egret	<i>Bubulcus coromandus</i>	1.2 (7)	0.2 (1)	0.2 (1)	0 (0)	0.4 (9)	0.3	21
Gulls & Terns	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	21.2 (127)	0 (0)	13.2 (79)	9.7 (58)	11 (264)	10.0	2
	White-winged Tern	<i>Chlidonias leucopterus</i>	42.5 (255)	0 (0)	0 (0)	0 (0)	10.6 (255)	9.6	3
	Black-naped Tern	<i>Sterna sumatrana</i>	8.8 (53)	33.2 (199)	0 (0)	0 (0)	10.5 (252)	9.5	4
	Common Tern	<i>Sterna hirundo</i>	7.3 (44)	0 (0)	12.2 (73)	0 (0)	4.9 (117)	4.4	6
	Black-tailed Gull	<i>Larus crassirostris</i>	3.3 (20)	0 (0)	0 (0)	13.2 (79)	4.1 (99)	3.7	8
	Bridled Tern	<i>Onychoprion anaethetus</i>	1.5 (9)	9 (54)	3.7 (22)	0 (0)	3.5 (85)	3.2	9
	Aleutian Tern	<i>Onychoprion aleuticus</i>	0 (0)	0 (0)	6.5 (39)	0 (0)	1.6 (39)	1.5	14
	Whiskered Tern	<i>Chlidonias hybrida</i>	0.2 (1)	0 (0)	1.8 (11)	0 (0)	0.5 (12)	0.5	19
	Greater Crested Tern	<i>Thalasseus bergii</i>	0.2 (1)	0.5 (3)	0.2 (1)	0 (0)	0.2 (5)	0.2	25
	Little Tern	<i>Sternula albifrons</i>	0.8 (5)	0 (0)	0 (0)	0 (0)	0.2 (5)	0.2	25
	Yellow-legged Gull	<i>Larus cachinnans</i>	0.2 (1)	0 (0)	0 (0)	0 (0)	0 (1)	0.0	32
	Roseate Tern	<i>Sterna dougallii</i>	0 (0)	0.2 (1)	0 (0)	0 (0)	0 (1)	0.0	32

Table 4 Total and Mean Abundance (Number of Individuals per Survey Trip) of Bird Species in Each Season Recorded within the Avifauna Assessment Area

Remark: The five most abundant bird species recorded are highlighted in grey.

Bird Group	Common Name		Mean Abundance (Total Abundance)					% Abundance	Rank
		Effective Survey Trips	6	6	6	6	24		
		Species Name	Spring	Summer	Autumn	Winter	Overall		
Others (Landbirds)	Chinese Bulbul	<i>Pycnonotus sinensis</i>	0.3 (2)	0.3 (2)	0 (0)	36.2 (217)	9.2 (221)	8.4	5
	Crested Myna	<i>Acridotheres cristatellus</i>	6.2 (37)	4.2 (25)	1.5 (9)	7 (42)	4.7 (113)	4.3	7
	Barn Swallow	<i>Hirundo rustica</i>	4 (24)	3 (18)	4.7 (28)	0 (0)	2.9 (70)	2.6	11
	House Swift	<i>Apus nipalensis</i>	5.7 (34)	0 (0)	1.2 (7)	1 (6)	2 (47)	1.8	13
	Blue Rock Thrush	<i>Monticola solitarius</i>	0 (0)	0 (0)	0.3 (2)	1.8 (11)	0.5 (13)	0.5	19
	Large-billed Crow	<i>Corvus macrorhynchos</i>	0.7 (4)	0.3 (2)	0.2 (1)	0.2 (1)	0.3 (8)	0.3	21
	Black Drongo	<i>Dicrurus macrocercus</i>	0 (0)	0.7 (4)	0.5 (3)	0 (0)	0.3 (7)	0.3	21
	Spotted Dove	<i>Spilopelia chinensis</i>	0.2 (1)	0.5 (3)	0 (0)	0 (0)	0.2 (4)	0.2	25
	Long-tailed Shrike	<i>Lanius schach</i>	0 (0)	0 (0)	0 (0)	0.7 (4)	0.2 (4)	0.2	25
Seabirds (excluded Gulls & Terns)	Red-necked Phalarope	<i>Phalaropus lobatus</i>	4.7 (28)	0 (0)	0.3 (2)	0 (0)	1.3 (30)	1.1	16
	Pomarine Jaeger	<i>Stercorarius pomarinus</i>	0.2 (1)	0 (0)	0 (0)	0 (0)	0 (1)	0.0	32
Waterbirds and Wetland Dependent Birds (excluded Egrets & Herons)	Common Sandpiper	<i>Actitis hypoleucos</i>	2 (12)	0.2 (1)	0.7 (4)	0 (0)	0.7 (17)	0.6	18
	Grey-tailed Tattler	<i>Tringa brevipes</i>	0 (0)	0.3 (2)	0 (0)	0 (0)	0.1 (2)	0.1	30
	Whimbrel	<i>Numenius phaeopus</i>	0 (0)	0 (0)	0.3 (2)	0 (0)	0.1 (2)	0.1	30
	Pied Kingfisher	<i>Ceryle rudis</i>	0 (0)	0.2 (1)	0 (0)	0 (0)	0 (1)	0.0	32
	Northern Pintail	<i>Anas acuta</i>	0 (0)	0 (0)	0 (0)	0.2 (1)	0 (1)	0.0	32

Table 5 Total Abundance of Each Species recorded under different Bird Behaviour and Elevation

Remarks: Bird Behaviour: F = Flying; S = Soaring; Fo = Foraging; R = Roosting; Sw = Swimming

Bird Group	Common Name	Species Name	Bird Behaviour					Elevation			Overall Abundance
			F	S	Fo	R	Sw	Sea-level (0 m)	Below LNG Terminal (>0 - 64 m)	Above LNG Terminal (> 64 m)	
Birds of Prey	Black Kite	<i>Milvus migrans</i>	75	394	197	74	0	1	302	437	740
	White-bellied Sea Eagle	<i>Haliaeetus leucogaster</i>	9	0	2	14	0	0	9	16	25
	Common Buzzard	<i>Buteo japonicus</i>	3	2	1	1	0	0	2	5	7
	Peregrine Falcon	<i>Falco peregrinus</i>	0	0	0	5	0	0	0	5	5
	Crested Goshawk	<i>Accipiter trivirgatus</i>	0	0	1	0	0	0	1	0	1
	Crested Serpent Eagle	<i>Spilornis cheela</i>	0	1	0	0	0	0	0	1	1
	Common Kestrel	<i>Falco tinnunculus</i>	0	1	0	0	0	0	0	1	1
Egrets & Herons	Pacific Reef Egret	<i>Egretta sacra</i>	15	0	9	57	0	0	81	0	81
	Great Egret	<i>Ardea alba</i>	62	0	0	0	0	0	62	0	62
	Little Egret	<i>Egretta garzetta</i>	25	0	0	12	0	0	37	0	37
	Cattle Egret	<i>Bubulcus coromandus</i>	2	0	0	7	0	0	9	0	9
Gulls & Terns	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	104	0	7	79	74	110	145	9	264
	White-winged Tern	<i>Chlidonias leucopterus</i>	250	0	0	1	4	21	234	0	255
	Black-naped Tern	<i>Sterna sumatrana</i>	76	0	57	104	15	22	230	0	252
	Common Tern	<i>Sterna hirundo</i>	52	0	19	6	40	43	74	0	117
	Black-tailed Gull	<i>Larus crassirostris</i>	15	0	10	64	10	16	83	0	99
	Bridled Tern	<i>Onychoprion anaethetus</i>	55	0	25	3	2	4	81	0	85
	Aleutian Tern	<i>Onychoprion aleuticus</i>	37	0	2	0	0	0	37	2	39
	Whiskered Tern	<i>Chlidonias hybrida</i>	12	0	0	0	0	0	12	0	12
	Greater Crested Tern	<i>Thalasseus bergii</i>	5	0	0	0	0	0	5	0	5
	Little Tern	<i>Sternula albifrons</i>	1	0	0	0	4	4	1	0	5
	Yellow-legged Gull	<i>Larus cachinnans</i>	1	0	0	0	0	0	1	0	1
	Roseate Tern	<i>Sterna dougallii</i>	0	0	0	1	0	0	1	0	1

Table 5 Total Abundance of Each Species recorded under different Bird Behaviour and Elevation

Remarks: Bird Behaviour: F = Flying; S = Soaring; Fo = Foraging; R = Roosting; Sw = Swimming

Bird Group	Common Name	Species Name	Bird Behaviour					Elevation			Overall Abundance
			F	S	Fo	R	Sw	Sea-level (0 m)	Below LNG Terminal (>0 - 64 m)	Above LNG Terminal (> 64 m)	
Others (Landbirds)	Chinese Bulbul	<i>Pycnonotus sinensis</i>	130	0	0	91	0	0	90	131	221
	Crested Myna	<i>Acridotheres cristatellus</i>	12	0	0	101	0	0	99	14	113
	Barn Swallow	<i>Hirundo rustica</i>	65	0	5	0	0	0	64	6	70
	House Swift	<i>Apus nipalensis</i>	34	0	12	1	0	0	7	40	47
	Blue Rock Thrush	<i>Monticola solitarius</i>	0	0	1	12	0	0	13	0	13
	Large-billed Crow	<i>Corvus macrorhynchos</i>	2	0	0	6	0	0	2	6	8
	Black Drongo	<i>Dicrurus macrocercus</i>	0	0	0	7	0	0	4	3	7
	Spotted Dove	<i>Spilopelia chinensis</i>	1	0	0	3	0	0	3	1	4
	Long-tailed Shrike	<i>Lanius schach</i>	0	0	0	4	0	0	3	1	4
Seabirds (excluded Gulls & Terns)	Red-necked Phalarope	<i>Phalaropus lobatus</i>	2	0	0	0	28	25	5	0	30
	Pomarine Jaeger	<i>Stercorarius pomarinus</i>	1	0	0	0	0	0	1	0	1
Waterbirds and Wetland Dependent Birds (excluded Egrets & Herons)	Common Sandpiper	<i>Actitis hypoleucos</i>	2	0	0	15	0	0	17	0	17
	Grey-tailed Tattler	<i>Tringa brevipes</i>	2	0	0	0	0	0	2	0	2
	Whimbrel	<i>Numenius phaeopus</i>	2	0	0	0	0	0	2	0	2
	Pied Kingfisher	<i>Ceryle rudis</i>	1	0	0	0	0	0	1	0	1
	Northern Pintail	<i>Anas acuta</i>	0	0	1	0	0	0	1	0	1