SHEUNG SHUI TO LOK MA CHAU SPUR LINE

Environmental Committee Meeting

Minutes of Meeting No. 44 held at 4:00pm on Tuesday, 17th January 2023, via Webinar (Microsoft Teams)

Present:		
Dr. Xianji Wen	WWF Hong Kong	Member (NGO)
Mr. Yat-tung Yu	The Hong Kong Bird Watching Society	Member (NGO)
Mr. Chiky Wong	Friends of the Earth (Hong Kong)	Member (NGO)
Mr. Siu-cheong Lau	Civil Maintenance Team	Member (MTR)
Ms. Catherine Leung	Environmental Team	Member (MTR)
Ms. Kenny Yiu	Environmental Team	Member (MTR)
Mr. Peter Choi	Environmental Team	Member (MTR)
Mr. Paul Leader	Ecological Consultant	Member (consultant)
Ms. Elizabeth Wu	Ecological Consultant	Member (consultant)
Mr. Linus Hung	Ecological Consultant	Member (consultant)
Absent with apology:		
Mr. Matthew Wong	Civil Maintenance Team	Member (MTR)

Attachments	
Annex A	Presentation Material of EC Meeting No. 44

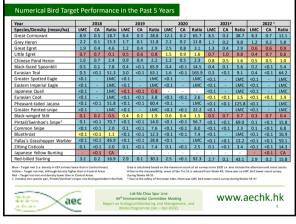
lter	n/Dese	cription	Action By
1.	Welco	omed Members to the EC Meeting No. 44.	Noted
Cor	nfirmat	tion of minutes of Meeting No. 43	
2.	There confir	e were no comments on the minutes of Meeting No. 43 and the minutes were med.	Noted
	logical k Ahea	Enhancement Works and Monitoring – an Update on Management Works and ad	
3.	works	<u>mber (consultant)</u> reported on the major habitat enhancement, modification s, ecological monitoring and management works undertaken from January to mber 2022 at the LMC EEA (detailed in Annex A) as follows:	
	3.1	<u>A member (consultant)</u> reported that 630 Grass Carp and 19,977kg Tilapia were stocked.	Noted
	3.2	<u>A member (consultant)</u> reported that two dogs were trapped in the period. There were 37 Red Imported Fire Ant nests treated.	Noted
	3.3	<u>A member (consultant)</u> reported that Apple Snails were removed manually and Camellia seed was also applied to control them.	Noted
	3.4	<u>A member (consultant)</u> reported on the performance of the numerical bird target species. Most target species had met the target level in 2022 and over the last five years. Density of Great Egret at LMC EEA was lower than that at the Control Areas; the reason was not known but fish stocking was increased this winter in the LMC EEA and hopefully the situation would be improved.	Noted
	3.5	<u>A member (consultant)</u> further reported on the non-numerical bird target species.	Noted
	3.6	<u>A member (consultant)</u> reported the roost count data.	Noted
	3.7	<u>A member (consultant)</u> reported that most of the bird nest boxes provided were occupied, with 78 pairs of White-shouldered Starlings.	Noted
	3.8	<u>A member (consultant)</u> reported the other breeding birds recorded in the LMC EEA, including localised breeding species Cinnamon Bittern, Common Moorhen and Greater Painted-snipe, all rare Hong Kong breeding species.	Noted
	3.9	<u>A member (consultant)</u> reported on the globally threatened bird species recorded, including a maximum of 10 Falcated Duck and Yellow-breasted Bunting.	Noted

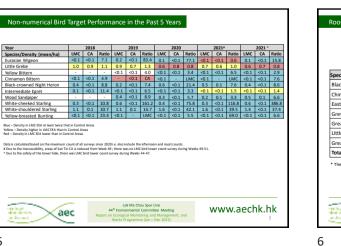
<u>Ite</u>	n/Deso	cription	Action By
	3.10	<u>A member (consultant)</u> reported that Eurasian Otter was not recorded which may be due to the disturbance from trespassers (which involved activities at night- time) at Pond 2. Pond 2 was drained and all fish removed, this and the coming fence repairing works will hopefully address this issue. Two artificial otter holts were constructed at Ponds 2 and 4.	Noted
	3.11	<u>A member (consultant)</u> reported that all three reptile target species were recorded, including a female Chinese Soft-shelled Turtle preparing to lay eggs.	Noted
	3.12	<u>A member (consultant)</u> reported on the number of Red-eared Slider recorded. Red-eared Slider occurred in most of the ponds. A license of trapping was obtained from AFCD. Trapping was attempted on 3 consecutive days in September and October in Ponds 12 and 15, but none were trapped.	Noted
	3.13	<u>A member (consultant)</u> reported that there were seven amphibian species recorded, including the exotic Greenhouse Frog for the first time, but not Chinese Bullfrog, which is a target species.	Noted
	3.14	<u>A member (consultant)</u> reported that 27 dragonfly species were recorded. Marsh Skimmer was recorded for the first time.	Noted
An	y Othe	r Business	
4.	to the reduc	<u>mber (NGO)</u> enquired if there is any action to attract the Eurasian Otter, in addition e artificial holts. <u>A member (consultant)</u> replied that the measures would focus on ing trespassing at Pond 2. Eurasian Otter previously preferred Pond 2 probably use it was relatively isolated and less visited.	Noted
5.	replie and 2	<u>mber (NGO)</u> enquired the progress of fence reinstatement works. <u>A member (MTR)</u> d that the reprofiling pond bund works at Pond 2 is planning to carry out in 2023 024 (where the fence has collapsed due to the instability of bund). The fence be reinstated as part of this work.	Noted
6.	<u>(consi</u> fishpo draine low. A on fish	<u>mber (NGO)</u> enquired why Little Egret was not meeting the target. <u>A member</u> <u>ultant</u>) replied that this species mostly occurred in drained ponds. Commercial onds are drained once every few years, which can provide more food when ed; while this is not easy to replicate this at LMC EEA as the number of ponds is another issue is the high number of Great Cormorants at LMC EEA which also feed h. Other ways to meet target include establishing an egretry on site, however, this by yet been successful after many years of effort.	Noted
Dat	te of N	ext Meeting	
7.	The d	ate of the next meeting will be advised.	MTR





		s: Pest	ivianag	ement							
Dog	Trappin	g									
• 2	trappe	d.									
Pest	Manag	ement	(Red Ir	nporte	d Fire /	Ant)					
Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
No. of Nests Treated	790	1,760	1,211	1,333	939	969	269	254	366	157	37
• 23	<u>Manag</u> 32kg of total of	Apple	Snails	was ma				n Ponc	ls 5, 18	s, 20 – I	22;





species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Black-crowned Night Heron		-	-	-	-		-	-		7		1
Chinese Pond Heron	3	7	12	5	-	-	2	6	-	-	5	3
Eastern Cattle Egret	-	-	19	32	-	-	-	12	-	-	-	-
Grey Heron		-	-		-	-	-	2	-	2	7	61
Great Egret	21	43	32	17	-	-	18	64	-	52	67	125
Little Egret	8	4	24	24	-	-	9	43	-	44	17	11
Great Cormorant	419	1,134	7	-	-		-	-	-	11	449	545
Total of Large Waterbirds	451	1,188	94	78	0	0	29	127	0	116	545	746
* The species occurred on site or	recordec	l droppin	g into th	e main s	ite during	g the sur	veys.					



Breeding Birds (in addition to	nest boxes)
Number of pair/ juvenile	recorded:
Little Grebe	12 pairs
Cinnamon Bittern	1 pair
Yellow Bittern	1 pair
White-breasted Waterhen	12 pairs
Common Moorhen	2 pairs
Greater Painted-snipe	2 pairs displaying, in which one pair was mating
Chinese Grosbeak	1 pairs
aec	Lok Ma Chau Sport line 44 th Environmental Committee Meeting Report on Ecological Monitoring and Management, and Works Programme (Ian – Dec 2022)

Globally Threatened Bird Species – peak count per month IUCN Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Species Falcated Duck NT 1 1 10 6 2 Ferruginous Duck NT 1 Japanese Quail NT - 2 1 -Black-faced Spoonbill EN 36 58 14 4 21 41 78 Greater Spotted Eagle VU 2 1 1 1 1 2 Eastern Imperial Eagle VU 1 2 - - -NT Northern Lapwing Curlew Sandpiper NT 5 1 Red-necked Stint NT - 3 6 NT Grey-tailed Tattler 1 Collared Crow VU 2 2 4 2 4 3 1 1 3 3 2 3 Manchurian Reed Warbler VU 1 - 1 1 -VU 1 Rustic Bunting Yellow-breasted Bunting CR 2 - 1 -4 - 7 10 Lok Ma Chau Spur Line 44th Environmental Committee Meeting ton Ecological Monitoring and Management, and Works Programme (Jan – Dec 2022) www.aechk.hk aec Report

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Eurasian C										
 Leopard C 	at was	record	ded on	54 day	/s with	an Ol	of 22.4	ł		
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Eurasian Otter Lutra	lutra									
Maximum Count	1	2	0	1	1	1	1	1	1	0
No. of Records ¹	13"	5^	0	1	2	5	6	19	1	0
Leopard Cat Prionail	urus ben	galensis								
No. of Records ¹ /OI ²	111	871	114%	65, 25.2	51, 24.1	54, 22.6	70, 31.2	53, 53.6	50, 24.1	54, 24.2
Note: 1. Number of dates recorded 2. Occurrence index (since 21 Key: # Including one dead individual 4. Including direct observation (016). found at LM	AC EEA		observation	8.					

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