TABLE OF CONTENTS

1.	INTRODUCT	ΓΙΟΝ	1
2.	LEGISLATIO	ONS, STANDARDS AND GUIDELINES	1
3.	SURVEY ME	ETHODOLOGY	2
4.	SURVEY RE	SULTS	3
4	4.1 HABITAT 4.2 FAUNA S	T DESCRIPTIONS	3
5.	REFERENCI	ES	4
	ST OF TABL		
Tab	ole 4-1 So	chedule of Ecological Survey	•

LIST OF APPENDICES

Appendix A Habitat Photos

Appendix B1 Floral Survey Result

Appendix B2 Faunal Survey Result

Appendix B3 Freshwater Fauna Survey Result

Appendix C Photographic Record of Species of Conservation Importance

LIST OF DRAWINGS

r' 1	D . ' C.'	т ,	C4 1 A	1.0	Tr 4
Figure I	Project Sit	e Location	Study Area	and Survey	Transect

Figure 2 Habitat Map and Freshwater Sampling Points

Figure 3 Location of Species of Conservation Interest

Faunal		Key sur	veyor		
/floral group under study	Full Name	Brief description of relevant experience	No. of years of relevant experience	Signature	Date
Vegetation and Terrestrial Fauna (avifauna, mammal, herpetofauna odonate and butterfly)	Choi Wing Ki	Conducted and managed terrestrial ecological studies for both public and private development projects, which involve habitat identification, vegetation and fauna surveys, impact assessment and recommendation on mitigation measures	13	BC.	8 Sep 2023
Freshwater Communities	So Ying Kin	Obtained Ph.D with research focus on freshwater marshlands, community ecology and conservation. Published publications on topics including freshwater marsh. Provided professional services for environmental consultancy firms, green groups. Provided lectures for universities and environmental education organisations.	9	Din	8 Sep 2023

1. INTRODUCTION

1.1.1 This Report presents the methodologies and results of terrestrial ecological survey carried out under the EIA for Development of Integrated Waste Management Facilities Phase 2 (I·PARK2).

2. LEGISLATIONS, STANDARDS AND GUIDELINES

- 2.1.1 With reference to the Technical Memorandum on Environmental Impact Assessment Process of the Environmental Impact Assessment Ordinance (Cap.499) (EIAO TM), criteria for evaluating ecological impacts includes:
 - Annex 8 lists the criteria for evaluating ecological impacts
 - Annex 16 sets out the general approach and methodology for the assessment of ecological impacts arising from a project. Recognized Sites of Conservation Importance and Species of Conservation Importance are also defined.
- 2.1.2 EIAO Guidance Notes details temporal considerations in arranging surveys, survey methodology at different habitats, data collection and requirements of ecological impact assessment:
 - EIAO Guidance Note "Some Observations on Ecological Assessment from the Environmental Impact Assessment Ordinance Perspective"
 - EIAO Guidance Note "Ecological Baseline Survey for Ecological Impact Assessment"
 - EIAO Guidance Note "Methodologies for Terrestrial and Freshwater Ecological Baseline Surveys"
- 2.1.3 Hong Kong ordinances and guidelines for reference include:
 - Forests and Countryside Ordinance (Cap. 96) and its subsidiary legislation in the Forestry Regulations, which prohibit destructive activities in the forest and trading or keeping of rare plants
 - Town Planning Ordinance (Cap. 131), in which land uses such as coastal protection areas, sites of special scientific interest and other specified uses promote environmental conservation or protection
 - Wild Animals Protection Ordinance (Cap. 170), which protects wild mammals, avifauna, reptiles, amphibians and insects under column 2 from hunting, possession, trading and disturbance
 - Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586), which regulates trading and possession of endangered species in response to Convention on the International Trade in Endangered Species of Wild Fauna and Flora (CITES)
 - Hong Kong Planning Standard and Guidelines (Chapter 10), which gives principles
 of conservation, identifies policies and conserves natural landscapes and habitats
 through legislation, administrative controls and planning
 - Rare and Precious Plants of Hong Kong by Agriculture, Fisheries and Conservation Department which includes 100 rare and precious plant species in Hong Kong to raise

EC23007_Eco_v.3.1 1 CINOTECH

awareness and provide insight for conservation.

- 2.1.4 Other international conventions are referenced where appropriate:
 - Convention on the International Trade in Endangered Species of Wild Fauna and Flora (CITES)
 - IUCN Red List
 - United Nations Conventions on Biological Diversity (1992).
 - Wild Animal Protection Law of the PRC

3. SURVEY METHODOLOGY

3.1.1 A terrestrial ecological survey programme was carried out in February/March and May 2023 to update and verify the findings obtained in the survey conducted under the Decommissioning of Remaining Portion of Middle Ash Lagoon in Tsang Tsui (the Decommissioning Project) (EPD 2022a and EPD 2022b). All survey methodologies for ecological surveys were designed with reference to the *Environmental Impact Assessment Ordinance (Cap.499)*, and Methodologies for Terrestrial and Freshwater Ecological Baseline Surveys. Survey transect and sampling points are shown in **Figure 1**.

Table 3-1 Schedule of Ecological Survey

Common	Dry Season	Wet Season
Survey	Feb/Mar 2023	May 2023
Habitat and Vegetation Survey	✓	✓
Mammal Survey (Day)	✓	✓
Mammal Survey (Night)	✓	✓
Bird Survey (Day)	✓	✓
Bird Survey (Night)	1	✓
Herpetofauna Survey (Day)	✓	✓
Herpetofauna Survey (Night)	1	✓
Butterfly Survey (Day)	✓	✓
Odonate Survey (Day)	✓	✓
Freshwater Survey (Day)	1	✓

Habitat Survey

3.1.2 Aerial photos of the surroundings of the site were interpreted to identify the types of habitats found within the study area. This was updated by ground truthing.

Vegetation Survey

Key vegetation communities and dominant species within the site area were noted for vegetation survey. Any rare, protected and threatened plant species and other species of conservation concern were identified with their location marked. Identification of flora species and status in Hong Kong was made with reference to Xing *et al.* (2000), Hu *et al.* (2003), Lai *et al.* (2008), Hong Kong Herbarium (2012), and Hong Kong Herbarium and South China Botanical Gardens (2007; 2008; 2009; 2011).

EC23007_Eco_v.3.1 2 CINOTECH

Avifauna Survey

3.1.3 Birds were observed and identified with naked eyes and aided with a pair of binoculars during daytime and nocturnal surveys. Identification was also made from bird calls. Any feeding, nesting and breeding behaviours were noted. Ornithological nomenclature in this report follows the most recently updated list from the Hong Kong Bird Watching Society.

Terrestrial Mammal Survey

3.1.4 Mammal was actively searched within the site area in parallel with avifauna survey and identified by direct observation. Any traits observed, such as dung, feeding signs, footprints, burrows and dens were recorded and the mammal that left the tracks was identified as far as possible. Flying mammals were detected with the use of a bat detector, which aimed to identify the bat species utilizing the site for commuting and foraging. All bat calls recorded during surveys were analysed by using Kaleidoscop computer software. Nomenclature of mammal follows Shek (2006).

Herpetofauna Survey

3.1.5 Active searching was carried out to look for amphibians and reptiles in daytime and nocturnal surveys within the study area. This can identify both diurnal and nocturnal species. Potential breeding ground and microhabitats were searched, such as pools, water channels, crevices and fallen leaves. Any eggs and tadpoles found were also noted. Mating calls of frogs and toads could assist in identification as well. Nomenclature of amphibian and reptile follows Chan *et al.* (2005) and Chan *et al.* (2006), respectively.

Butterflies and Odonates Survey

3.1.6 Butterflies and Odonates Survey were conducted during daytime and under fine weather when these insects were active. Butterflies and odonates were observed with naked eyes or with the help of a pair of binoculars. They were recorded and identified. Nomenclature of butterfly follows Chan *et al.* (2011) and odonate on Tam *et al.* (2008) and Reels (2019).

Freshwater Community Survey

3.1.7 Freshwater survey was carried out in the watercourses previously surveyed in the studies by EPD (2022a; 2022b). Observation was made with naked eyes and binoculars from stream banks. D-framed hand nets with about 3mm mesh size were used to capture fish for identification where necessary. Rocks were turned over to search for organisms hiding in crevices. Nomenclature of fresh water fish and invertebrate communities follows Lee *et al.* (2004) and Dudgeon (2003), respectively.

4. SURVEY RESULTS

4.1 Habitat Descriptions

4.1.1 The Project Site (Middle Ash Lagoon) consisted of three habitats – wasteland, grassland and developed area. While wasteland (overgrown with vegetation such as the exotic *Leucaena leucocephala*) was the dominant habitat, grassland was located along the northeast corner and

EC23007_Eco_v.3.1 3 CINOTECH

- extended southwards. Developed area within Project Site were mainly engineered slopes and sea walls which only observed at the edge of Project Site. No plant species of conservation interest was observed within Project Site during survey. The wasteland within the Project site was observed to be dry during the survey of this EIA.
- 4.1.2 The habitats found within 500m Study Area identified from the survey is presented in **Figure 2**. Representative photographs of the habitat are given in **Appendix A**. A list of plant species recorded in different habitats recorded in the survey is provided in **Appendix B1**. Locations of flora species of conservation importance recorded in the survey are shown in **Figures 3**.

4.2 Fauna Survey Results

4.2.1 Fauna species and freshwater fauna species recorded during survey are detailed in **Appendix B2** and **Appendix B3**. Locations of species of conservation importance recorded from the current study are illustrated in **Figure 3**. Photographic records are provided in **Appendix C**. As shown in **Figure 3**, two nests of *Tachybaptus ruficollis* (Little Grebe) being built were found in West Ash Lagoon. No juveniles or eggs were found during surveys.

5. REFERENCES

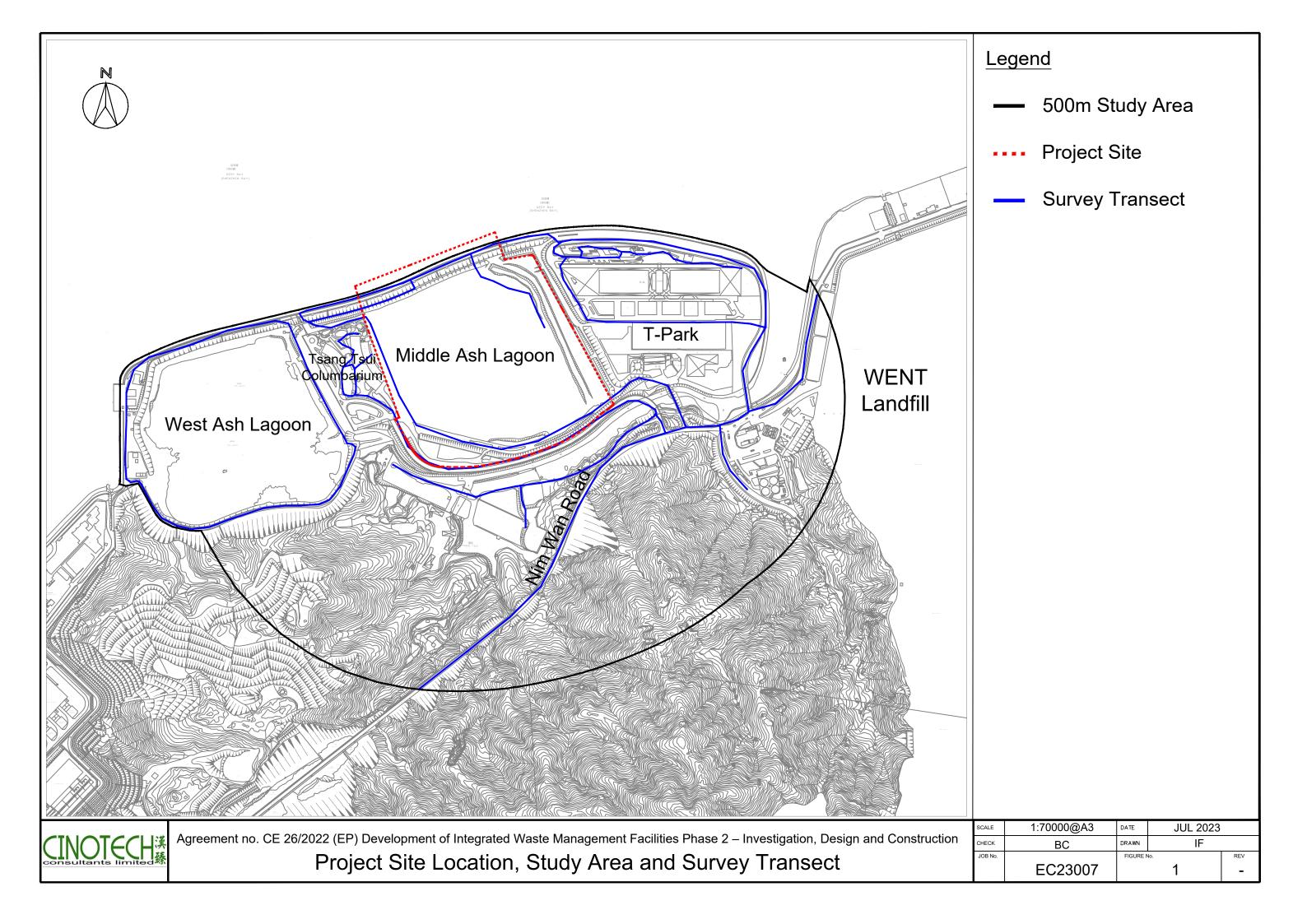
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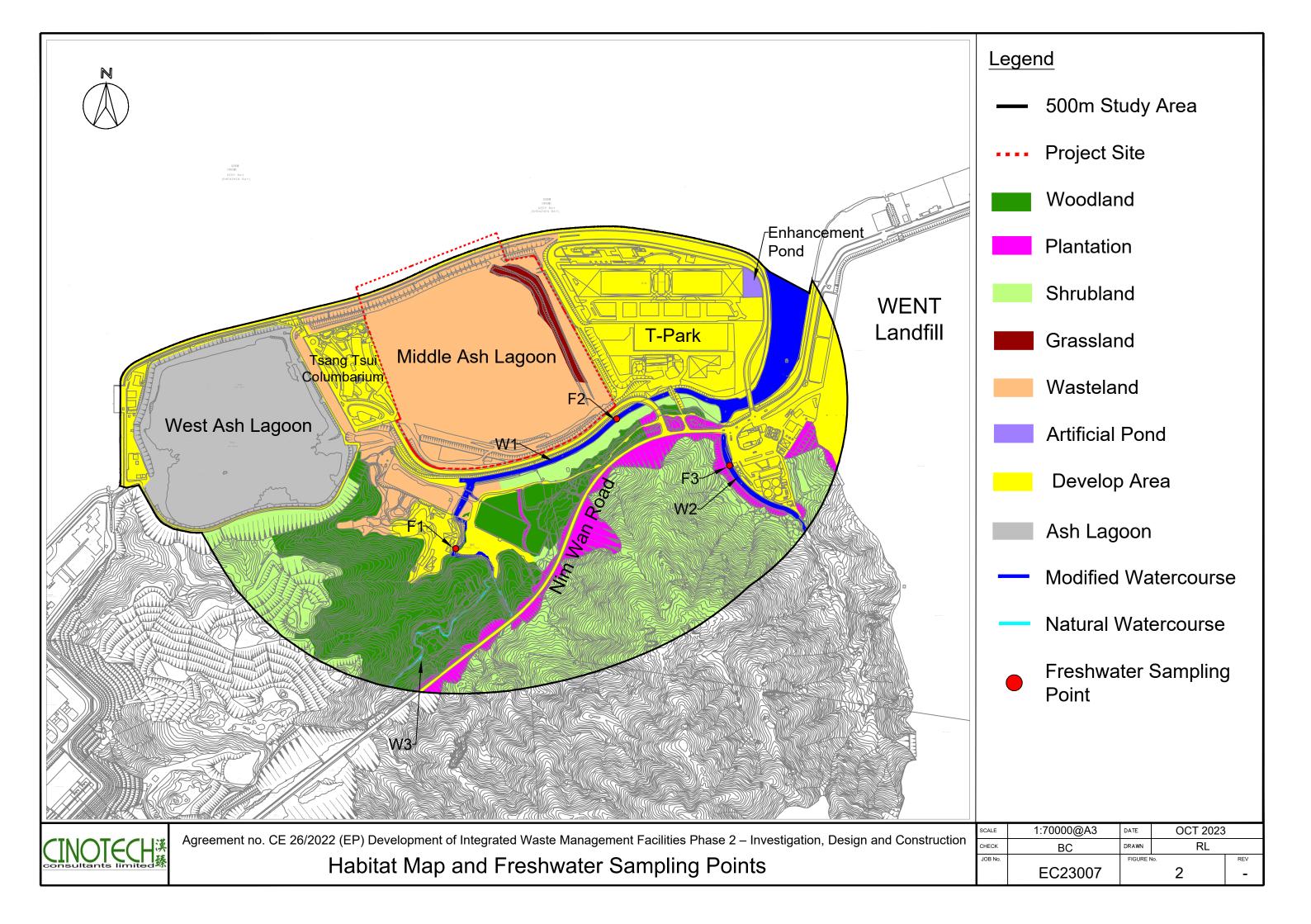
EC23007_Eco_v.3.1 4 CINOTECH

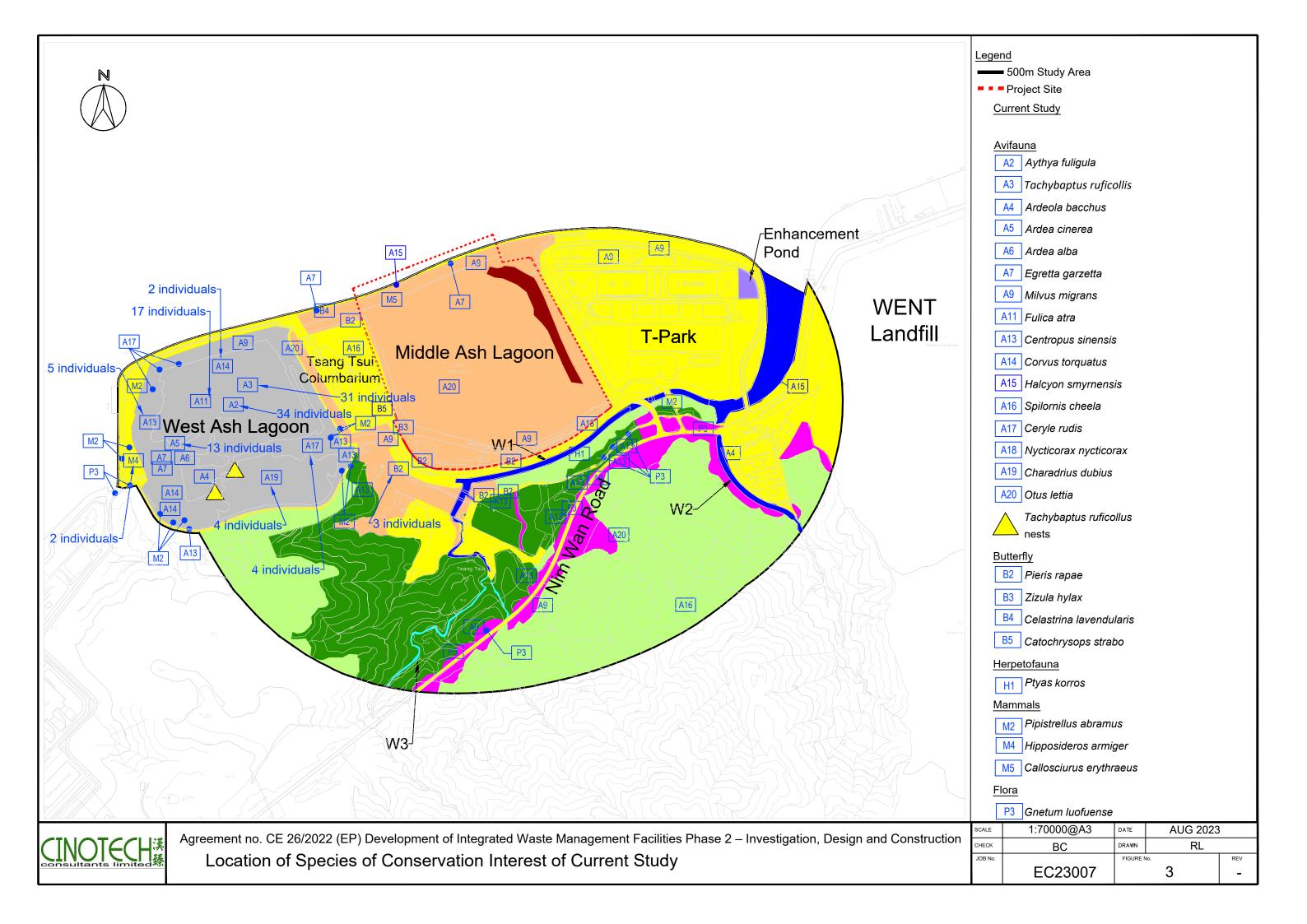
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EC23007_Eco_v.3.1 5 CINOTECH

FIGURES







APPENDIX A HABITAT PHOTOS

Appendix A – Representative Photo of Habitats



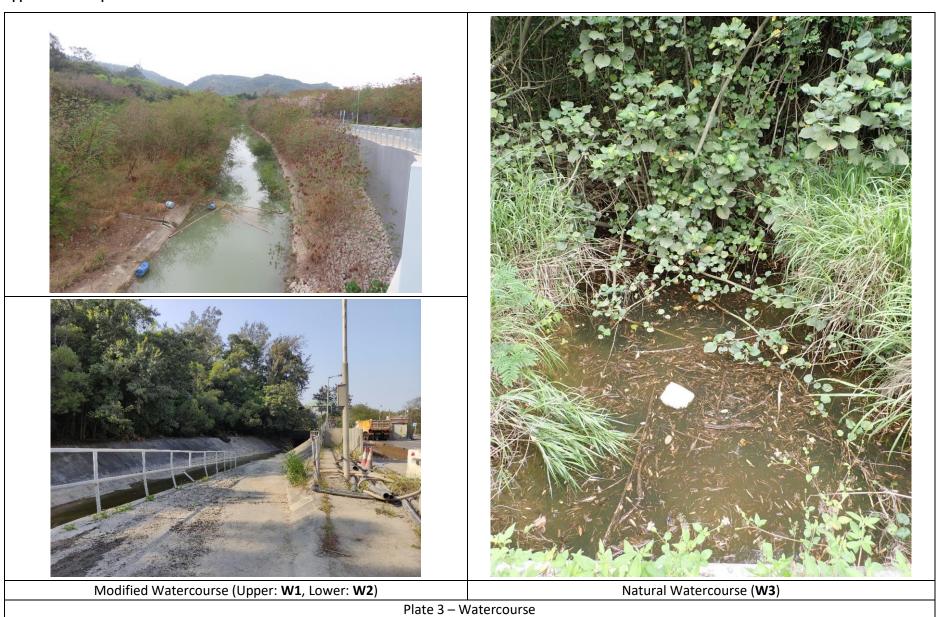
Appendix A – Representative Photo of Habitats





Plate 2 – Developed Area

Appendix A - Representative Photo of Habitats



Appendix A – Representative Photo of Habitats





Plate 4 – Ash Lagoon

Appendix A – Representative Photo of Habitats



Plate 5 – Artificial Pond (Enhancement Pond)

Appendix A – Representative Photo of Habitats



Page **6** of **10**

Appendix A – Representative Photo of Habitats





Plate 7 – Grassland

Appendix A – Representative Photo of Habitats





Plate 8 – Shrubland

Appendix A – Representative Photo of Habitats





Plate 9 – Wasteland

Appendix A – Representative Photo of Habitats



Plate 10 – Wasteland (Overview of Project Site)

APPENDIX B1 FLORAL SURVEY RESULT

								Abundanc	e									
CILL N	a . v		Project Site (P	2S)							Artificial Pond			G 4 P	0.11	Rarity	a	Remarks
Chinese Name	Species Name	Wasteland	Grassland	Developed	Developed Area	Woodland	Plantation	Shrubland	Wasteland (outside PS)	Modified Watercourse	(Enhancement Pond)	Ash Lagoon	Natural Watercourse	Growth Form	Origin	Karity	Conservation Status	Kemarks
大葉相思	Acacia mangium	wasteland	Grassianu	Area							T onu)			Tree	Exotic	Cultivated		
老鼠簕	Acacia mangium Acanthus ilicifolius						+			++				Shrub	Native	Common	-	-
藿香薊	Ageratum conyzoides				+++									Herb	Exotic	Common	-	-
銀柴	Aporusa dioica				+	++								Tree	Native	Very common	-	-
大門冬 地袋草	Asparagus cochinchinensis Axonopus compressus				++++									Scandent subshrub Herb	Native Exotic	Common Common		-
宮粉羊蹄甲	Bauhinia variegata				+++									Tree	Exotic	Common	-	-
白花羊蹄甲	Bauhinia variegata var. candida				++									Tree	Exotic	Common	-	-
洋紫荊	Bauhinia x blakeana				+									Tree	Native	-	-	-
白花鬼針草 秋楓	Bidens alba Bischofia javanica	++++		++	++++	+++	++++		++++				++	Herb Tree	Exotic Native	Very common Common	•	-
烏毛蕨	Blechnum orientale				TT	++	++	++				++		Herb	Native	Common	-	
木棉	Bombax ceiba	+			+				+					Deciduous tree	Exotic	-	-	-
黑面神	Breynia fruticosa	+							+					Shrub	Native	Very common		-
<u>逼迫仔</u> 鴉膽子	Bridelia tomentosa Brucea javanica	++			+++	++	++				+	++		Shrub or small tree Shrub/Small tree	Native Native	Very common Common	-	-
刺果蘇木	Caesalpinia bonduc	,				+								Vine	Native	Restricted	-	-
無根藤	Cassytha filiformis	+++				+								Parasitic twining	Native	Very common	-	-
木麻黄	Casuarina equisetifolia	+			+++		+++							Tree	Exotic	-		-
青江藤	Celastrus hindsii					+								Vine	Native	Common	-	-
朴樹	Celtis sinensis	++			++++	+++	+++	+			++			Deciduous tree	Native	Common	-	-
陰香 樟	Cinnamomum burmannii Cinnamomum camphora				+++				+					Tree or large shrub Large tree	Native Native	Common		-
白酒草	Conyza japonica	+++												Herb	Native	-		-
黄牛木	Cratoxylum cochinchinense					++++	+							Deciduous shrub or	Native	Very common	-	-
間斷毛蕨	Cyclosorus interruptus										+			Herb	Native	Common		-
華南毛蕨	Cyclosorus parasiticus				+++	++++		+++						Herb	Native	Very common		-
兩廣黃檀	Dalbergia benthamii	++				++	+	+						Vine	Native	Common		-
假鷹爪 芒萁	Desmos chinensis Dicranopteris pedata					++++	++	++++						Shrub Herb	Native Native	Common Very common		-
龍眼	Dimocarpus longan					+++	++							Tree	Exotic	Cultivated	-	-
一點紅	Emilia sonchifolia				++++	++								Herb	Native	Very common		-
飛揚草	Euphorbia hirta				++									Herb	Exotic	-	-	-
通奶草 香港算盤子	Euphorbia hypericifolia Glochidion zeylanicum				++			++						Herb Shrub or treelet	Native Native	Common		
玉葉金花	Mussaenda pubescens					+								Shrub	Native	-	-	-
五指毛桃	Ficus hirta					++								Shrub or small tree	Native	Common		
對葉榕 細葉榕	Ficus hispida Ficus microcarpa				+++	+++					++			Shrub or small tree Tree	Native Native	Common Common	-	-
	Gardenia jasminoides		+	+	+++	++	+	+			++			Shrub	Native	Common		-
羅浮買麻藤	Gnetum luofuense					++++	+++							Woody vine	Native	Common	Near Threatened [2]	-
黄槿	Hibiscus tiliaceus		+		+	++			+		+		++	Shrub or tree	Native	Very common	-	-
<u>銅錢草</u> 梅葉冬青	Hydrocotyle verticillata Ilex asprella				+	++								- Shrub	Exotic Native	- Very common	-	-
做果今月 鐵冬青	Ilex asprella Ilex rotunda		 		+	- ++	+							Shrub Tree	Native Exotic	Very common Cultivated	-	-
白茅	Imperata cylindrica				+++									Herb	Native	Very common	-	-
五爪金龍	Ipomoea cairica					+							++	Twining herb	Exotic	Very common	-	-
海灘牽牛 水筆仔	Ipomoea pes-caprae Kandelia obovata				+					++				Herb Small tree	Native Native	Common Common	•	-
短葉水蜈蚣	Kanaetta opovata Kyllinga brevifolia				+++					TT				Small Iree Herb	Native	Common	-	-
馬纓丹	Lantana camara	++++			+++		+++							Shrub	Exotic	Very common	-	-
蒲草	Lepironia articulata				++									Herb	Exotic	Cultivated in gardens	-	
銀合歡	Leucaena leucocephala	++++		+++	++++	+++	++++							Shrub or small tree Deciduous shrub or	Exotic	Cultivated and naturalized	-	-
山指甲	Ligustrum sinense		+		+++	+++	++				+			tree	Exotic	Common	-	-
潺槁	Litsea glutinosa Litsea rotundifolia var.						++							Tree	Native	Very common	-	-
豺皮樟	oblongifolia					++++	+++	+						Shrub	Native	Common	-	-
金銀花	Lonicera japonica				+									Herb	Native	Restricted	-	-
紅花檵木	Loropetalum chinense f. rubrum				++									Shrub	Exotic	-	-	-
海金沙	Lygodium japonicum					++++	++++					+++		Climbing herb	Native	Common	-	-
血桐	Macaranga tanarius var. tomentosa	++++			++++	++++	+++	++	++++					Tree	Native	Common		-
白楸	Mallotus paniculatus	+				++								Tree or shrub	Native	Very common	-	-
杧果	Mangifera indica						+		+					Tree	Exotic	Cultivated	Data Deficient [2]	-

		T						Abundanc	P									
			Project Site (P	6)				I						•				
Chinese Name	Species Name		1	Developed	Developed Area	Woodland	Plantation	Shrubland	Wasteland (outside PS)	Modified Watercourse	Artificial Pond (Enhancement	Ash Lagoon	Natural Watercourse	Growth Form	Origin	Rarity	Conservation Status	Remarks
1 - 4 - 4		Wasteland	Grassland	Area							Pond)							
通泉草 野牡丹	Mazus pumilus Melastoma malabathricum		++		+++						+			Herb Shrub	Native Native	- Common	-	
毛稔	Melastoma sanguineum		11				+	+++			·			Shrub	Native	Common	-	-
苦棟	Melia azedarach						+							Deciduous tree	Exotic	Common	-	-
紅毛草含笑	Melinis repens Michelia figo	+			+++				++					Herb Shrub	Exotic Exotic	Very common Cultivated in gardens	-	-
布渣葉	Microcos nervosa	+++				++++	+++							Shrub or small tree	Native	Common	-	-
薇甘菊	Mikania micrantha	++++				++			++++					Herb	Exotic	Very common		-
含羞草 五筋芒	Mimosa pudica Miscanthus floridulus	++		+	++		+	+++	+			++		Shrub Herb	Exotic Native	Very common Common	-	-
九里香	Murraya paniculata				++	+								Small tree	Exotic	Common	-	-
紅毛丹 毛葉腎蕨	Nephelium lappaceum				+									Tree Herb	Exotic Native	Cultivated		-
七葉腎厥 水蓮	Nephrolepis hirsutula Nymphoides hydrophylla				+									Herb Aquatic plant	Native Exotic	-	-	-
麥冬	Ophiopogon japonicus				+		+							Herb	Native	-	-	-
酢漿草	Oxalis corniculata				++++		++++							Herb	Native	Very common		-
紅花酢漿草	Oxalis debilis subsp. corymbosa				+									Herb	Exotic	Common	-	-
露兜草 龍珠果	Pandanus austrosinensis	++							++			++		Herb Herbaceous vine	Native Exotic	Very common	-	-
那妹果 光藜	Passiflora foetida Persicaria glabra	++	++++					+++	++			++		Herbaceous vine Herb	Exotic Native	Very common	-	
刺葵	Phoenix loureiroi					+	+		+					Tree palm	Native	Common	-	-
日本葵 越南葉下珠	Phoenix roebelenii				+									Small tree palm	Exotic	Cultivated	-	-
	Phyllanthus cochinchinensis Phyllanthus emblica				++++	+++								Shrub Tree or shrub	Native Native	Very common Very common	-	-
小葉冷水花	Pilea microphylla				+++									Herb	Exotic	Common	-	-
馬尾松	Pinus massoniana				+++									Tree	Native	Common	- 01	-
羅漢松 水黃皮	Podocarpus macrophyllus Pongamia pinnata				+						+			Tree Tree	Native Native	Very rare Common	Restricted [3]	Cultivated in garden
馬齒莧	Portulaca oleracea	++		+		+++		++						Herb	Native	Common	-	-
九節	Psychotria asiatica					++++	++							Shrub or tree	Native	Very common		-
半邊旗車輪梅	Pteris semipinnata Rhaphiolepis indica	+++			+++	++	++		+++					Herb Shrub or small tree	Native Native	Very common Very common	-	-
紅杜鵑	Rhododendron simsii				+									Shrub	Native	-	Cap. 96 [3]	Cultivated in garden
白杜鵑	Rhododendron mucronatum				+									Shrub	Exotic	Cultivated in gardens	-	-
白背漆 野漆	Rhus hypoleuca Rhus succedanea					++	++++	+++						Shrub or small tree Shrub or small tree	Native Native	Common Common	-	
雀梅藤	Sageretia thea	+						+						Shrub	Native	Very common	-	-
鵝掌藤	Schefflera arboricola				++++			+						Scandent shrub	Exotic		-	-
鴨腳木 廣東刺柊	Schefflera heptaphylla Scolopia saeva	++				++++	+++	+						Tree Small tree or large	Native Native	Very common Common	•	-
紫茉莉	Mirabilis jalapa	7.7			+									shrub Shrub	Exotic	-	-	
田菁	Sesbania cannabina	++			'			+	++					Herb	Exotic	Common	-	-
菝葜	Smilax china	+												Climbing shrub	Native	Very common	-	-
少花龍葵 海桑	Solanum americanum Sonneratia caseolaris	+++				+++				+++				Herb Small tree	Exotic Exotic	Very common	-	-
豐花草	Spermacoce stricta				++									Herb	Native	-	-	-
假馬鞭	Stachytarpheta jamaicensis								+++					Substrub or perennial herb.	Exotic	Common	-	-
假蘋婆	Sterculia lanceolata				+++	++++	++	+						Semi-deciduous tree	Native	Very common	-	-
蒲桃	Syzygium jambos				+++									Tree	Exotic	Common Cultivated	-	-
海南蒲桃 狗牙花	Syzygium cumini Tabebuia rosea				+									Tree Shrub	Exotic Exotic	Cultivated Commonly cultivated	-	-
小葉欖仁	Terminalia mantaly				++										Exotic	Cultivated in gardens	-	-
欖仁樹	Terminalia catappa				++									Tree	Exotic	Cultivated	-	-
羽芒菊 紫玉盤	Tridax procumbens Uvaria macrophylla				++++	++++								Herb Vine	Exotic Native	Common Common	-	-
單葉蔓荊	Vitex rotundifolia				++									Shrub	Native	Common	-	-
三裂葉蟛蜞菊	Wedelia trilobata				++++		++++							Herb	Exotic	Common; also widely cultivated	-	-
黃鶴菜	Youngia japonica		++		++++									Herb	Native	Very common	-	-
新樵花椒 兩面針	Zanthoxylum avicennae Zanthoxylum nitidum	++++				++++	++	-						Tree Woody vine	Native Native	Common Very common	-	-
人字草	Zantnoxytum nitiaum Zornia gibbosa	TTTT			++	TTTT	TTTT							Herb	Native	Very common	-	-
小果葉下珠	Phyllanthus reticulatus	+							+					Shrub	Native		-	-
台灣相思 檸檬桉	Acacia confusa Corymbia citriodora					1.1	++++							Tree Tree	Exotic Exotic	Cultivated Cultivated	-	-
垂花懸鈴花	Malvaviscus penduliflorus					++	++++	+++						Tree Shrub	Exotic Exotic	Cuttivated Commonly cultivated	-	-
	ренишуютиз						•		1									

								Abundanc	e									
Chinese Name	Species Name		Project Site (P	S)	Developed	Woodland	Plantation	Shrubland	Wasteland	Modified	Artificial Pond (Enhancement	Ash Lagoon	Natural	Growth Form	Origin	Rarity	Conservation Status	Remarks
		Wasteland	Grassland	Developed Area	Area	Woodiand	1 iantation	Sin ubianu	(outside PS)	Watercourse	Pond)	Asii Lagooii	Watercourse					
葉下珠	Phyllanthus urinaria						+++							Annual herb	Native		-	
熊耳草	Ageratum houstonianum					+++								Erect annual herbs	Exotic	Naturalized and widely distributed	-	1
小葉紅葉藤	Rourea microphylla						++							Climbing shrub	Native	Common	-	
崗松	Baeckea frutescens						+	++++						Shrub or sometimes small tree	Native	Common	-	=
海馬齒	Sesuvium portulacastrum	+												Perennial succulent herb	Native	-	-	
相思子	Abrus precatorius	+												Climbing shrub	Native	Common	-	
檉柳	Tamarix chinensis	+												Small tree or shrub	Exotic	-	-	
藜	Chenopodium album	+												Annual herb	Native	-	-	
荔枝菊	Grangea maderaspatana	+												Annual herbs	Native	-	-	
蘆葦	Phragmites australis	++++										++	++	Perennial reed	Native	-	-	
大馬蓼	Persicaria lapathifolia	++	++++											Annual herb	Native	-	-	
蘇門白酒草	Conyza sumatrensis	++												Annual or biennial herbs	Exotic	-	-	
紅龍莧	Alternanthera dentata				+									Short-lived perennial herb	Exotic	-	-	
三裂葉牽牛	Ipomoea triloba	+												Annual twining or prostrate herb	Exotic	-	-	
山茶	Camellia japonica				+									Shrub or small tree	Exotic		Cap. 96 [3]	Cultivated in garden
水石榕	Elaeocarpus hainanensis				+									Small tree	Exotic	-	-	
草海桐	Scaevola taccada				+									Shrubs or small trees	Native	Common	-	
大翼豆	Macroptilium lathyroides								+					Herb	Exotic	-	-	
狗尾草屬	Setaria sp.				++++									Annual or perennial herbs	-	-	-	
花葉灩山薑	Alpinia zerumbet				+									Herb	Exotic	-		
海桐	Pittosporum tobira				+									Shrub or small tree	Exotic	-		
蘭花草	Ruellia coerulea				+									Erect perennial herbs	Exotic	-	-	
紅花玉芙蓉	Leucophyllum frutescens				+									Shrub	Exotic	-		
吊蘭	Chlorophytum comosum				+									Herb	Exotic	-	-	
裂葉喜樹蕉	Philodendron bipinnatifidum	1			+		ļ							Herb	Exotic	-	-	
美人蕉	Canna indica	1			+		<u> </u>							Herb	Exotic	-	-	
垂花水竹芋 小葉米仔蘭	Thalia geniculata Aglaia odorata	1			+	-	ļ				++			Aquatic plant Shrub	Exotic Exotic	-	-	
土荊芥	Dysphania ambrosioides	+									77			Annual or perennial	Exotic	-		
黄花夾竹桃	Thevetia peruviana					+	1							herb Tree	Exotic			
假淡竹葉	Centotheca lappacea					++++	 							Perennial herb	Native	Common		
大番	Panicum maximum	++++				++++	ł							Perennial herb	Exotic	-		
海芋	Alocasia macrorrhizos					++++								Large evergreen perennial herb	Native	Common	-	
鹽膚木	Rhus chinensis	+				1								perennial herb Shrub or tree	Native	Common	-	
蜈蚣草	Pteris vittata	++++												Herb	Native			
狼尾草	Pennisetum alopecuroides								++++					Perennial herb	Native	Common		
紅瓜	Coccinia grandis	1			+									Herbaceous vine	Native	-	-	
筆管榕	Ficus subpisocarpa				+++									Deciduous tree	Native	Common	-	
長刺酸模	Rumex trisetifer		++									++		Perennial herb	Native	-	-	

Note:
[1] Protected under the Forests and Countryside Ordinance (Cap. 96)
[2] IUCN. (2023). IUCN Red Liss of Threatened Species Version 2022-2. [online] https://www.iucnredlist.org/. Last Accessed: 6 June 2023.
[3] Corlet et al. (2000). Hong Kong Vascular Plants: Distribution and Status
Species listed as T-Lest Concern' in IUCN Red Liss was ost shown in the Conservation Status column
Code of Abundance: +=Rare; +=Occasional; +++=Common; +++=Abundant

APPENDIX B2 FAUNAL SURVEY RESULT

								Abi	undance								
Chinese Name	English Name	Species Name	1	Project Site (PS		Developed		*** 11 1	Di e e	61 11 1	Wasteland	Natural	Modified	Artificial Pond	Conservation status	Distribution	Rarity
		•	Wasteland	Grassland	Developed Area	Area	Ash Lagoon	Woodland	Plantation	Shrubland	(outside PS)	Watercourse	Watercourse	(Enhancement Pond)			·
Avifauna	G + 10 + F 1	Spilornis cheela				,				1					Cap. 586 [1]; Near Threatened [3];	Widely distributed in shrublands on hillsides	Common resident
蛇鵰	Crested Serpent Eagle	*				20									Local Concern [4]	throughout Hong Kong Widely distributed in Hong Kong	Abundant resident
麻雀 紅耳鵯	Eurasian Tree Sparrow Red Bulbul	Passer montanus Pycnonotus jocosus	2			17	10	17	5	5	8					Widely distributed in Hong Kong Widely distributed in Hong Kong	Abundant resident Abundant resident
黒領椋鳥	Black-collared Starling	Gracupica nigricollis	1			4	1	3			3					Widely distributed in Hong Kong	Common resident
白鶺鴒	White Wagtail	Motacilla alba			1	I	7		1	I	3		6			Widely distributed in Hong Kong.	Resident
灰鶺鴒	Grey Wagtail	Motacilla cinerea					7									Widely distributed in hill streams throughout Hong Kong	Common passage migrant and winter visitor
家燕	Barn Swallow	Hirundo rustica					16				10					Widely distributed in Hong Kong.	Abundant passage migrant and uncommon winter visitor
黑鳶	Black Kite	Milvus migrans	1			2	2	1	3		I				Cap. 586 [1]; Regional Concern [4]	Widely distributed in Hong Kong.	Common resident and winter visitor
八哥	Crested Myna	Acridotheres cristatellus				22	10				5			4		Widely distributed in Hong Kong.	Abundant resident
斑文鳥	Scaly-breasted Munia	Lonchura punctulata				5		12		15						Widely distributed in Hong Kong Widely distributed in coastal areas throughout Hong	Common resident
白胸翡翠	White-throated Kingfisher	Halcyon smyrnensis	1										1		Local Concern [4]	Kong	Common resident Abundant spring migrant and common
小白腰雨燕	House Swift	Apus nipalensis					15				4					Widely distributed in Hong Kong.	resident
白骨頂	Common Coot	Fulica atra					17								Regional Concern [4]	Found in Deep Bay area, Plover Cove Reservoir, Shuen Wan.	Uncommon winter visitor
棕背伯勞	Long-tailed Shrike	Lanius schach					2			1						Widely distributed in open areas throughout Hong Kong	Common resident
小䴙䴘	Little Grebe	Tachybaptus ruficollis					31								Local Concern [4]	Found in Deep Bay area.	Common resident
林夜鷹	Savanna Nightjar	Caprimulgus affinis	2				2		2	1						Widely distributed in Hong Kong.	Uncommon resident and passage migrant
褐翅鸦鵑	Greater Coucal	Centropus sinensis	1			1	7	6	1						Vulnerable [5]	Widely distributed in Hong Kong Widely distributed in lakes and ponds throughout	Common resident
斑魚狗	Pied Kingfisher	Ceryle rudis					· ·								Local Concern [4]	Hong Kong	Uncommon resident
珠頸斑鳩 山斑鳩	Spotted Dove Oriental Turtle Dove	Spilopelia chinensis Streptopelia orientalis	1			8	6	6	2		4		2	2		Widely distributed in Hong Kong. Widely distributed in Hong Kong	Abundant resident Common resident
蒼鷺	Grey Heron	Ardea cinerea					13								Potential Regional Concern (4)	Found in Deep Bay area, Starling Inlet, Kowloon	Common winter visitor
白頸鴉	Collared Crow	Corvus torquatus					4								Local Concern [4]; Near Threatened	Park, Cape D'Aguilar Found in Inner Deep Bay area, Nam Chung, Kei Ling Ha, Tai Mei Tuk, Pok Fu Lam, Chek lap Kok, Shuen	Uncommon resident
原鸽	Domestic Pigeon	Columba livia				2	1								-	Wan, Lam Tsuen Widely distributed in urban area throughout Hong Kong	Locally common resident
鳳頭潛鴨	Tufted Duck	Aythya fuligula					34								Local Concern [4]	Found in Deep Bay area, Nam Chung, Starling Inlet	Uncommon winter visitor
白胸苦惡鳥	White-breasted Waterhen	Amaurornis phoenicurus					3									Widely distributed in wetland throughout Hong Kong	Common resident
扇尾鶯科	Plain Prinia	Prinia inornata					4				5					Widely distributed in grassland throughout Hong Kong.	Locally common resident
大白鷺	Great Egret	Ardea alba				1	1								Regional Concern [4]	Widely distributed in Hong Kong	Common resident and winter visitor
小白鷺	Little Egret	Egretta garzetta	4				2				1				Regional Concern [4]	Widely distributed in coastal area throughout Hong Kong	Common resident
白頭鵯	Chinese Bulbul	Pycnonotus sinensis	3			14	1	4	2		2					Widely distributed in Hong Kong	Abundant resident
純色鷦鶯	Plain Prinia	Prinia inornata	1			1	4				7					Widely distributed in grassland throughout Hong Kong.	Common resident
黃腹鷦鶯	Yellow-bellied Prinia	Prinia flaviventris	8				2	1			4					Widely distributed in Hong Kong.	Common resident
栗背短腳鵯	Chestnut Bulbul	Hemixos castanonotus						1								Widely distributed in woodland throughout Hong Kong	Common resident and winter visitor
噪鵑	Asian Koel	Eudynamys scolopaceus									2					Widely distributed in Hong Kong.	Common resident
鵲鴝	Oriental Magpie-Robin	Copsychus saularis				4			1		3		1			Widely distributed in Hong Kong.	Abundant resident
大嘴烏鴉	Large-billed Crow	Corvus macrorhynchos						3	1		4				*	Widely distributed in Hong Kong. Widely distributed in woodland edges throught Hong	Common resident
紅嘴藍鵲	Red-billed Blue Magpie	Urocissa erythroryncha						1			2				*	Kong	Common resident
暗綠繡眼鳥	Swinhoe's White-eye	Zosterops simplex	1			22		22	8		5					Widely distributed in Hong Kong Widely distributed in woodland and shrubland	Abundant resident
黑喉噪鶥	Black-throated Laughingthrush	Pterorhinus chinensis						2								throughout Hong Kong	Common resident
北紅尾鴝	Daurian Redstart	Phoenicurus auroreus	7	I		1					1				-	Widely distributed in Hong Kong	Common winter visitor
樹鷚	Olive-backed Pipit	Anthus hodgsoni					3								•	Widely distributed in Hong Kong	Common passage migrant and winter visitor
遠東山雀	Japanese Tit Common Tailorbird	Parus minor						6	4		1					Widely distributed in Hong Kong. Widely distributed in Hong Kong.	Common resident
長尾縫葉鶯 叉尾太陽鳥	Common Tailorbird Fork-tailed Sunbird	Orthotomus sutorius Aethopyga christinae	2	2		1		2			1					Widely distributed in Hong Kong. Widely distributed in Hong Kong.	Common resident Common resident and winter visitor
文	Black-crowned Night Heron	Nycticorax nycticorax				,	6	- 4			,				Local Concern [4]	Widely distributed in Hong Kong Widely distributed in Hong Kong	Common resident and winter visitor Common resident and winter visitor
磯鷸	Common Sandpiper	Actitis hypoleucos					3						2			Widely distributed in wetland area throughout Hong Kong	Common passage migrant and winter visitor
黑卷尾	Black Drongo	Dicrurus macrocercus					3				3					Widely distributed in open area throughout Hong Kong	Common summer visitor
池鷺	Chinese Pond Heron	Ardeola bacchus					1						1		Regional Concern [4]	Widely distributed in Hong Kong	Common resident
白喉紅臀鵯	Sooty-headed Bulbul	Pycnonotus aurigaster		<u> </u>	<u> </u>		2	<u></u>							-	Widely distributed in open areas thorughout Hong Kong	Uncommon resident
八聲杜鵑	Plaintive Cuckoo	Cacomantis merulinus	1					-		1						Widely distributed in open area throughout Hong Kong Widely distributed in woodland throughout Hong	Uncommon summer visitor
黃眉柳鶯	Yellow-browed Warbler	Phylloscopus inornatus	24			1									•	Kong	Common winter visitor and spring migrant
黃鶺鴒	Eastern Yellow Wagtail	Motacilla tschutschensis					3									Widely distributed in agricultural fields and marsh edges throughout Hong Kong.	Common passage migrant and winter visitor
金眶鴴	Little Ringed Plover	Charadrius dubius					3								Local Concern [4]	Widely distributed in freshwater areas throughout Hong Kong Widely distributed in shrubland throughout Hong	Common winter visitor and passage migrant
黑臉噪鶥	Masked Laughingthrush	Garrulax perspicillatus	1							4	1					Widely distributed in shrubland throughout Hong Widely distributed in shrubland throughout Hong	Abundant resident
領角鴞	Collared Scops Owl	Otus lettia	1						1		1				Cap. 586 [1]	Widely distributed in shrubland throughout Hong Kong	Common resident

								Abi	undance								
Chinese Name	English Name	Species Name	1	Project Site (PS		Developed			70		Wasteland	Natural	Modified	Artificial Pond	Conservation status	Distribution	Rarity
		•	Wasteland	Grassland	Developed Area	Area	Ash Lagoon	Woodland	Plantation	Shrubland	(outside PS)	Watercourse	Watercourse	(Enhancement Pond)			·
Butterfly					Arca												
黃粉蝶屬 寬邊黃粉蝶	C C V-II	Eurema sp.	2			1		7		4	5				•	Widely distributed throughout Hong Kong	Very Common
見透貝彻珠 報喜斑粉蝶	Common Grass Yellow Delias pasithoe	Eurema hecabe Red-base Jezebel	2			1	1		1	*	1		1			Widely distributed throughout Hong Kong Widely distributed throughout Hong Kong	Very Common
酢漿灰蝶	Pale Grass Blue	Zizeeria maha	20	3		18		4			30					Widely distributed throughout Hong Kong	Very Common
吉灰蝶	Dark Grass Blue	Zizeeria karsandra				4			1							High Junk Peak, Kat O, Po Toi Island, Shek Mun Kap, Lai Chi Wo, Yung Shue O	Uncommon
玉斑鳳蝶	Red Helen	Papilio helenus helenus						3	1		6					Widely distributed throughout Hong Kong	Very Common
亮灰蝶	Long-tailed Blue	Lampides boeticus								1						Widely distributed in abandoned field throughout Hong Kong	Common
咖灰蝶	Forget-me-not	Catochrysops strabo				1										Widely distributed in Pui O, Tai Po Kau, Fung Yuen, Shing Mun, Sha Lo Wan.	Very Rare 161
和弄蝶	Formosan Swift	Borbo cinnara									2					Widely distributed in open grassland and abandoned field throughout Hong Kong	Common
美鳳蝶	Great Mormon	Papilio memnon				1					2					Widely distributed throughout Hong Kong	Very Common
小眉眼蝶	Dark-brand Bush Brown	Mycalesis mineus						2	1		3					Widely distributed throughout Hong Kong	Very Common
幻紫斑蛱蝶 斜斑彩灰蝶	Great Egg-fly Purple Sapphire	Hypolimnas bolina Heliophorus epicles	5					1		2						Widely distributed throughout Hong Kong Widely distributed throughout Hong Kong	Common Common
紅鋸蛱蝶	Red Lacewing	Cethosia biblis	19	7				2			2		3			Widely distributed throughout Hong Kong	Uncommon
長腹灰蝶	Tiny Grass Blue	Zizula hylax	4													Lung Kwu Tan, Fung Yuen, Sha Lo Wan	Very Rare 161
疑波灰蝶	Tailless Line Blue	Prosotas dubiosa				1									•	Wu Kau Tang, Shan Liu, Shui Long Wo, Tong Fuk,	
蛇眼蛺蝶	Lemon Pansy	Junonia lemonias	3					3			12				•	Pak Tam Chung.	Common
蛇目褐蜆蝶 古樓娜灰蝶	Plum Judy Transparent 6-line Blue	Abisara echerius Nacaduba kurava								1	1				-	Widely distributed throughout Hong Kong Widely distributed throughout Hong Kong	Very Common Common
方	Angled Castor	Ariadne ariadne		1							1					Widely distributed throughout Hong Kong	Common
殘鍔線蛺蝶	Five-dot Sergeant	Parathyma sulpitia								1			1			Widely distributed in woodland area throughout Hong Kong	Common
董衣琉璃灰蝶	Plain Hedge Blue	Celastrina lavendularis									1				Local Concern [4]	Tai Po Kau, Tai Lam Country Park, Kadoorie Farm	Very Rare [6]
銒灰蝶	Common Hedge Blue	Acytolepis puspa				2										and Botanic Garden, Ngau Ngak Shan Widely distributed throughout Hong Kong	Common
碧鳳蝶	Chinese Peacock	Papilio bianor	6			1							1			Widely distributed throughout Hong Kong	Common
玉斑鳳蝶	Red Helen	Papilio helenus helenus	1			2		4	3		6		1			Widely distributed throughout Hong Kong	Very Common
東方菜粉蝶 黄襟蛱蝶	Indian Cabbage White Rustic	Pieris canidia Cupha erymanthis	2	1		1		5	1		3					Widely distributed throughout Hong Kong Widely distributed throughout Hong Kong.	Very Common
菜粉蝶	Small Cabbage White	Pieris rapae	3								6					Shep Mun Kap, Fan Lau, Ngong Ping, Kam Tin, Ho	Rare [6]
巴黎翠鳳蝶	Paris Peacock	Papilio paris	1					4			2					Chung, Luk Keng, Tuen Mun Ash Lagoon. Widely distributed throughout Hong Kong	Very Common
統帥青鳳蝶	Tailed Jay	Graphium agamemnon									1					Widely distributed throughout Hong Kong	Common
藍鳳蝶	Spangle	Papilio protenor			1	2		2			2					Widely distributed throughout Hong Kong	Very Common
角翅弄蝶	Chestnut Angle	Odontoptilum angulatum angulatum						1								Widely distributed in shrubland and woodland throughout Hong Kong	Common
燕灰蝶	Slate Flash	Rapala manea				9					2					Widely distributed throughout Hong Kong	Common
黑脈蛱蝶	Red Ring Skirt	Hestina assimilis	4			1		3	1							Widely distributed throughout Hong Kong	Common
黑脈國粉蝶 青鳳蝶	Common Gull Common Bluebottle	Cepora nerissa	2			1				,						Widely distributed throughout Hong Kong	Common Very Common
五帶鳳蝶	Common Mormon	Graphium sarpedon Papilio polytes	1		1	1	,	3		1	1					Widely distributed throughout Hong Kong Widely distributed throughout Hong Kong	Very Common
中環蛱蝶	Common Sailer	Neptis hylas			3			1		1						Widely distributed throughout Hong Kong	Very Common
翠袖鋸眼蝶	Common Palmfly	Elymnias hypermnestra						3								Widely distributed in coast and urban parks throughout Hong Kong	Common
金斑蝶	Plain Tiger	Danaus chrysippus				2										Lung Kwu Tan, Tong Fuk, Tai Ho, Tung Chung, Pak Tam Chung	Uncommon
Odonata	-					I.							I.				
褐斑異痣蟌	Common Bluetail	Ischnura senegalensis				29	100+				4					Widely distribute in all wetland habitats except fast flowing rivers throughout Hong Kong	Abundant
烏齒原蟌	Black Threadtail	Prodasineura autumnalis	1													Widely distribute in streams throughout Hong Kong	Abundant
狹腹灰蜻	Green Skimmer	Orthetrum sabina sabina					3				3			2		Widely distribute in all wetland habitats throughout Hong Kong	Abundant
華麗寬腹蜻	Forest Chaser	Lyriothemis elegantissima						1						1		Widespread in Hong Kong	Common
黄狹扇蟌	Yellow Featherlegs	Copera marginipes									10			-		Widespread in streams throughout Hong Kong Widely distribute in all wetland habitats throughout	Abundant
黄蜻	Wandering Glider	Pantala flavescens	6		3										•	Hong Kong	Abundant
華麗灰蜻	Red-faced Skimmer	Orthetrum chrysis						1								Widely distribute in pools and marshy areas adjacent to flowing streams throughout Hong Kong.	Abundant
曉褐蜻	Crimson Dropwing	Trithemis aurora						2								Widely distribute in marshes, ponds, streams and ornamental ponds throughout Hong Kong	Abundant
Herpetofauna																	
變色樹蜥 長尾南蜥	Changeable Lizard Long-tailed Skink	Calotes versicolor Eutropis longicaudata						5								Widely distributed throughout Hong Kong Widely distributed throughout Hong Kong	
沼蛙	Gunther's Frog	Hylarana guentheri				8	25	1	5					2		Widely distributed throughout Hong Kong Widely distributed throughout Hong Kong	
原尾蜥虎	Bowring's gecki	Hemidactylus bowringii				8	1		7	1	2					Distributed throughout Hong Kong	
灰鼠蛇	Indo-Chinese Rat Snake	Ptyas korros											1		Endangered [5]; Potential Global Concern [4]	Widely distributed throughout Hong Kong.	
中國壁虎	Chinese Gecko	Gekko chinensis				1	1	1	3	2					Concern	Widely distributed throughout Hong Kong	
温室蟾	Greenhouse Frog	Eleutherodactylus planirostris				2								1			
斑腿泛樹蛙 飾紋姫蛙	Brown Tree Frog Ornate Pigmy Frog	Polypedates megacephalus Microhyla fissipes	8			28 5		3	15	6				7		Widely distributed throughout Hong Kong Widely distributed in Hong Kong	
澤蛙	Paddy Frog	Fejervarya limnocharis	1			,										Widely distributed in Hong Kong	
7-T-SEE		y y-i minocina ta															

								Abı	ındance								
Chinese Name	English Name	Species Name	I	Project Site (PS	5)	Developed					Wasteland	Natural	Modified	Artificial Pond	Conservation status	Distribution	Rarity
		-F	Wasteland	Grassland	Developed Area	Area	Ash Lagoon	Woodland	Plantation	Shrubland	(outside PS)		Watercourse	(Enhancement Pond)			
Mammals																	
大蹄蝠	Himalayan Leaf-nosed Bat	Hipposideros armiger				2									Cap. 170 ^[2] ; Local Concern ^[4]	Widely distributed in countryside areas throughout Hong Kong	Very Common
東亞家蝠	Japanese house bat	Pipistrellus abramus				1	1								Cap. 170 [2]; Local Concern [4]	Widely distributed throughout Hong Kong	Very Common
赤腹松鼠	Pallas's Squirrel	Callosciurus erythraeus	I												Cap. 170 ¹²¹	Fairly widely distributed, with the styani subspecies found in the New Territories (e.g. Tai Lam, Shing Mun and Tai Po Kau), and the thai subspecies found on the Hong Kong Island (e.g. Tai Tam and Pok Fu Lam).	Common

Note:

[1] Protected under the Postection of Endangerod Species of Animal and Plants Ordinance (Cup. 586)

[2] Protected under the Wild Animal Protection Ordinance (Cup. 586)

[3] Protected under the Wild Animal Protection Ordinance (Cup. 586)

[3] Protected under the Wild Animal Protection Ordinance (Cup. 780)

[3] SILCN (2023), URC Poel Land of Transment Species (volume) https://www.incurredlist.org/ Lant Accessed: 6 June 2023.

[4] Fellows, J.R. Lan, M.W.N. Dodgeno, D. Rebel, O.T., Ales, G.W.J., Cure, S.J., Chan, B.P.L., Kendrick, R.C., Lee, K.S., Leven, M.R., Wilson, K.D.P. and Yu, Y.T. (2002), Wild animals to watch: Terrestrial and freshwater fanna of conservation importance in Hong Kong. Memoirs of the Hong Kong Natural History Society, 25: 123-159.

[5] Chan Bed Das Book of Endangerod-Animals

[6] Apriculture, Fisheries and Conservation Department (AFCD), (2011), Newsletter Issue No. 21: A Review of the Local Restrictedness of Hong Kong Butterflies

All hists are Listed in Wild Animals Protection Ordinance (Cup. 710)

Species listed as *Least Concern* in IUCN Red List was not shown in the Conservation Status column

APPENDIX B3 FRESHWATER FAUNA SURVEY RESULT

						Abundance					
Chinese Name	English Name	Species Name	Project Site Wasteland	F1	F2	F3	Developed Area	Casual Findings at F2	Conservation status	Distribution	Rarity
Amphibian											
黑眶蟾蜍蝌蚪	Asian Common Toad	Duttaphrynus melanostictus				+++++			-	Widely distributed in Hong Kong	-
澤蛙蝌蚪	Paddy Frog	Fejervarya limnocharis				++++			-	Widely distributed in Hong Kong	-
斑腿泛樹蛙蝌蚪	Brown Tree Frog	Polypedates megacephalus	+				++++		ē	Widely distributed throughout Hong Kong	ē
Fish -	-	Ambassis sp.			++				-	-	-
彈塗魚	Common Mudskipper	Periophthalmus modestus			+				-	Brackish water	Common
大彈塗魚	Great Blue Spotted Mudskipper	Boleophthalmus pectinirostris						+	-	Brackish water	Common
-	-	Channa sp.		++++					-	-	-
尼羅口孵非鯽	Nile Tilapia	Oreochromis niloticus		+	+				-	-	-
-	-	Mugilidae sp.		+	+++++	++			-	-	
-	-	Zenarchopterus sp.						+++	-	-	÷
Decapoda											
=	Short Nose Algae Shrimp	Penaeidae sp. Caridina longirostris		+	+++				-	÷ -	-
-	-	Macrobrachium sp.		+					-		-
字紋弓蟹	River Swimming Crab	Varuna litterata		+					-	-	-
-	-	Eriocheir sp.				+			=	-	-
雙齒擬相手蟹	Red-clawed Crab	Perisesarma bidens						+++	-	Brackish water	-
弧邊招潮蟹	Fiddler Crab	Uca arcuata						+++	-	Brackish water	-
擬屠氏管招潮蟹	-	Tubuca paradussumieri						+	-	Brackish water	-
大眼蟹屬	-	Macrophthalmus sp.						+	-	Brackish water	-
北方凹指招潮蟹	Northern Calling Fiddler Crab	Gelasimus borealis						+	-	Brackish water	-
Gastropoda											
-	-	Biomphalaria sp.		+++++		+++			-	-	-
尖膀胱螺	European physa	Physella acuta				+++++			-	-	-

Appendix B3 - Freshwater Fauna Survey Result

						Abundance					
Chinese Name	English Name	Species Name	Project Site Wasteland	F1	F2	F3	Developed Area	Casual Findings at F2	Conservation status	Distribution	Rarity
福壽螺	Golden Apple Snail	Pomacea canaliculata					+++++	++	-	-	-
Insect				1							
-	-	Gerridae sp.		+++	++++	++			-	-	-
-	-	Baetidae sp.		+++++					=	-	-
-	-	Caenidae sp.		+					-	-	-
-	-	Chironomidae sp.		++		+++++			Ē	-	÷
黃狹扇蟌(幼蟲)	Yellow Featherlegs(Larve)	Copera marginipes		+++					-	Widespread in streams throughout Hong Kong	Abundant
-	-	Leptophlebiidae sp.		+					=	-	-
-	-	Micronecta sp.		+					=	-	-
-	-	Simuliidae sp.		+++++					-	-	-
-	-	Trithemis sp.		++		+			-	-	-
-	-	Veliidae sp.		++		++			-	-	-
褐斑異痣蟌(幼蟲)	Common Bluetail(Larve)	Ischnura senegalensis		+		+++			-	Widely distribute in all wetland habitats except fast flowing rivers throughout Hong Kong	Abundant
黃蜻(幼蟲)	Wandering Glider(Larve)	Pantala flavescens				+			-	Widely distribute in all wetland habitats throughout Hong Kong	Abundant
-	-	Ephydridae sp.				+			-	-	-
翠胸黃蟌(幼蟲)	Orange-tailed Sprite(Larve)	Ceriagrion auranticum ryukyuanum		+					-	Widelspread in ponds and marshes throughout Hong Kong	Abundant
-	-	Hydropsychidae sp.		+					-	-	-
-	-	Orthetrum sp.		+					-	-	-
Annelidae -	-	Erpobdellidae sp.				+			-	-	-

Note:

^{**} Species listed as "Least Concern" in IUCN Red List was not shown in the Conservation Status column

	From	To
+	0	10
++	11	20
+++	21	50
++++	51	100
+++++	101	101+

APPENDIX C
PHOTOGRAPHIC RECORD OF SPECIES
OF CONSERVATION IMPORTANCE

Appendix C - Photographic Record of Species of Conservation Importance



黑鳶 Black Kite Milvus migrans



白骨頂 Common Coot Fulica atra



小鸊鷉 Little Grebe Tachybaptus ruficollis



褐翅鴉鵑 Greater Coucal Centropus sinensis



斑魚狗 Pied Kingfisher Ceryle rudis



蒼鷺 Grey Heron Ardea cinerea

Appendix C - Photographic Record of Species of Conservation Importance







菜粉蝶 Small Cabbage White Spoonbill Pieris rapae



咖灰蝶 Forget-me-not Catochrysops strabo