

APPENDIX C

Ecology

APPENDIX C1-1

WWF List of Plant Species Recorded in MPNR (up to May 2019)

Scientific Name	English Name	Chinese Name
<i>Acacia auriculiformis</i>	Ear-leaved Acacia	耳果相思 / 耳葉相思
<i>Acacia confusa</i>	Taiwan Acacia	台灣相思
<i>Acacia mangium</i>	Big-leaved Acacia	大葉相思
<i>Acanthus ilicifolius</i>	Spiny Bears Breech	老鼠筋
<i>Achyranthes aspera</i>	Common Achyranthes	土牛膝 / 倒扣草
<i>Acrostichum aureum</i>	Leather Fern	鹵蕨
<i>Aegiceras corniculatum</i>	-	蠟燭果 / 桐花樹
<i>Ageratum conyzoides</i>	Billygoat-weed	藿香薊
<i>Aglaia odorata</i>	Mock Lime	米仔蘭
<i>Albizia lebeck</i>	Lebeck Tree	大葉合歡
<i>Allamanda cathartica</i>	Allamanda	軟枝黃蟬
<i>Alnus japonica</i>	Formosan Alder	赤楊
<i>Alocasia macrorrhizos</i>	Giant Alocasia, Alocasia	海芋
<i>Alpinia zerumbet</i>	Variiegated Shell Ginger	花葉豔山薑
<i>Alternanthera paronychioides</i>	-	星星蝦鉗菜
<i>Alternanthera philoxeroides</i>	Alligator-weed	空心莧 / 空心蓮子草
<i>Alternanthera sessilis</i>	Sessile Alternanthera	蝦鉗菜 / 蓮子草
<i>Alysicarpus vaginalis</i>	Alyce Clover	鏈莢豆
<i>Amaranthus viridis</i>	Green Amaranth	綠莧 / 野莧
<i>Annona squamosa</i>	Sugar-apple	番荔枝
<i>Antirhea chinensis</i>	Chinese Antirhea	毛茶
<i>Apluda mutica</i>	Glutene-rice Grass	水蔗草
<i>Aporosa dioica</i>	Aporosa, Common Aporosa	銀柴
<i>Ardisia crenata</i>	Hilo Holly	大羅傘
<i>Ardisia elliptica</i>	-	東方紫金牛
<i>Ardisia lindleyana</i>	Spotted Ardisia	山血丹 / 腺點紫金牛
<i>Artocarpus heterophyllus</i>	Jackfruit	菠蘿蜜
<i>Asclepias curassavica</i>	Blood-flower	馬利筋/連生桂子花
<i>Asparagus cochinchinensis</i>	Wild Asparagus	天門冬
<i>Aster subulatus</i>	-	鑲形紫菀
<i>Asystasia micrantha</i>	-	小花十萬錯
<i>Atalantia buxifolia</i>	Box-leaved Atalantia	酒餅筋
<i>Aucuba chinensis</i>	Chinese Aucuba	桃葉珊瑚
<i>Avicennia marina</i>	Black Mangrove	海欖雌 / 白骨壤
<i>Axonopus compressus</i>	Carpet Grass	地毯草
<i>Bacopa monnieri</i>	Water hyssop	假馬齒莧
<i>Bambusa sp.</i>	Bamboo	竹
<i>Barleria cristata</i>	Philippine Violet	假杜鵑 / 鴨仔花
<i>Basella alba</i>	Malabar-Nightshade	落葵/潺菜
<i>Bauhinia purpurea</i>	Purple Camel's Foot	紅花羊蹄甲

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<i>Benincasa hispida</i>	White Gourd	冬瓜
<i>Benincasa hispida</i> var. <i>chieh qua</i>	Hairy Gourd	節瓜
<i>Bidens alba</i>	-	白花鬼針草
<i>Bidens pilosa</i>	Hairy Bur-marigold	鬼針草
<i>Bischofia javanica</i>	Autumn Maple	秋楓
<i>Blechnum orientale</i>	Oriental Blechnum	烏毛蕨
<i>Blumea lacera</i>	Malay Blumea	見霜黃
<i>Bombax ceiba</i>	Tree Cotton	木棉
<i>Bothriochloa bladhii</i>	Australian Bluestem	臭根子草
<i>Bougainvillea spectabilis</i>	Brazil Bougainvillea	葉子花 / 毛寶巾 / 籐杜鵑
<i>Brachiaria mutica</i>	Blunt Signal-grass	巴拉草
<i>Breynia fruticosa</i>	Waxy Leaf	黑面神
<i>Bridelia tomentosa</i>	Pop-gun Seed	土蜜樹 / 逼迫仔
<i>Bruguiera gymnorhiza</i>	Many-petaled Mangrove	木欖
<i>Calliandra haematocephala</i>	Pink Power Puff	朱纓花 / 紅絨球
<i>Campsis grandiflora</i>	Chinese Trumpet-creeper	凌霄
<i>Canavalia maritima</i>	Sea Sword Bean	海刀豆
<i>Canna x generalis</i>	Canna Lily	-
<i>Canna indica</i>	Indian Canna	美人蕉
<i>Cansjera rheedii</i>	-	山柑藤 / 山柑
<i>Cardiospermum halicacabum</i>	Balloon Vine	倒地鈴 / 包袱草
<i>Caryota maxima</i>	Fishtail Palm	魚尾葵
<i>Cassytha filiformis</i>	Cassytha	無根藤
<i>Casuarina equisetifolia</i>	Horsetail Tree	木麻黃 / 牛尾松
<i>Celtis sinensis</i>	Chinese Hackberry	朴樹
<i>Centella asiatica</i>	Moneywort	積雪草 / 崩大碗
<i>Ceratopteris thalictroides</i>	Water Fern	水蕨
<i>Cerbera manghas</i>	Cerbera	海杧果
<i>Chenopodium album</i>	Lamb's Quarters	藜
<i>Cinnamomum burmannii</i>	Batavia Cinnamon, Cinnamon Tree	陰香
<i>Cinnamomum camphora</i>	Camphor Tree	樟
<i>Citrus</i> sp.	Citrus	柑橘
<i>Cleistocalyx nervosum</i>	Lidded Cleistocalyx	水翁
<i>Clerodendrum inerme</i>	-	苦郎樹 / 苦楮 / 假茉莉
<i>Cocculus orbiculatus</i>	Snail Seed	木防己
<i>Codiaeum variegatum</i>	Garden Croton	變葉木 / 灑金榕
<i>Colocasia esculenta</i>	Taro	芋
<i>Commelina diffusa</i>	Diffuse Day-flower	節節草
<i>Conyza bonariensis</i>	-	香絲草
<i>Conyza sumatrensis</i>	-	蘇門白酒草
<i>Corchorus aestuans</i>	Mock Jute	甜麻 / 假黃麻

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<i>Crassocephalum crepidioides</i>	-	野茼蒿
<i>Crateva trifoliata</i>	Obtuse-leaved Crateva	鈍葉魚木
<i>Crateva unilocularis</i>	Spider Tree	樹頭菜
<i>Crinum</i> spp.	-	文殊蘭 (屬)
<i>Crotalaria pallida</i>	Smooth Crotalaria	豬屎豆
<i>Crotalaria retusa</i>	Rattlebox	吊裙草
<i>Croton crassifolius</i>	Thick-leaved Croton	雞骨香 / 金棉楓
<i>Cuscuta chinensis</i>	Chinese Dodder	菟絲子
<i>Cyclosorus acuminatus</i>	Hairy Wood-fern	漸尖毛蕨
<i>Cyclosorus interruptus</i>	Interrupted Tri-vein Fern	間斷毛蕨
<i>Cyclosorus parasiticus</i>	Wood-fern, Parasitic Tri-vein Fern	華南毛蕨
<i>Cynodon dactylon</i>	Couch Grass	狗牙根
<i>Cyperus distans</i>	Laxspiculate Galingale, Loose-spiked Galingale	疏穗莎草
<i>Cyperus exaltatus</i>	Tall-culm Galingale	高稈莎草
<i>Cyperus imbricatus</i>	Imbricate Galingale	疊穗莎草
<i>Cyperus iria</i>	Rice Galingale	碎米莎草
<i>Cyperus malaccensis</i>	Malacca Galingale	茳茳
<i>Cyperus odoratus</i>	-	斷節莎
<i>Cyperus pilosus</i>	Pilose Galingale	毛軸莎草
<i>Cyperus rotundus</i>	Nut-grass Galingale	香附子 / 香頭草
<i>Cyrtococcum patens</i>	-	弓果黍
<i>Dactyloctenium aegyptium</i>	Crow-foot Grass	龍爪茅
<i>Delonix regia</i>	Flame Tree	鳳凰木
<i>Derris alborubra</i>	White-flowered Derris	白花魚藤
<i>Derris trifoliata</i>	Derris	魚藤
<i>Desmodium triflorum</i>	Three-flowered Beggarweed, Three-flowered Desmodium	三點金
<i>Desmos chinensis</i>	Desmos	假鷹爪
<i>Dianella ensifolia</i>	Dianella	山菅蘭
<i>Dichanthium annulatum</i>	Two-flowered Golden-beard	雙花草
<i>Dicranopteris linearis</i>	Linear Forked Fern	鐵芒萁
<i>Digitaria ciliaris</i>	Ciliate Crabgrass	升馬唐
<i>Digitaria sanguinalis</i>	Common Crabgrass	馬唐
<i>Digitaria setigera</i>	Hispid Crabgrass	短穎馬唐
<i>Dimocarpus longan</i>	Longan	龍眼
<i>Dioscorea bulbifera</i>	Air Potato	黃獨
<i>Diospyros vaccinioides</i>	Small Persimmon	小果柿
<i>Echinochloa crusgalli</i>	Barn-yard Grass	稗
<i>Eclipta prostrata</i>	Eclipta	鱧腸
<i>Eleocharis acicularis</i>	Needle Spikesedge	牛毛氈
<i>Eleocharis dulcis</i>	Water Chestnut	荸薺 / 馬蹄

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<i>Eleusine indica</i>	Goose Grass	牛筋草
<i>Emilia sonchifolia</i>	Tassel-Flower	一點紅
<i>Epipremnum aureum</i>	Ivy-arum	綠蘿
<i>Eragrostis atrovirens</i>	Thalia Lovegrass	鼠婦草 / 卡氏畫眉草
<i>Eragrostis zeylanica</i>	Ceylon Centipede-grass	馬陸草
<i>Eranthemum pulchellum</i>	Blue Eranthemum	可愛花 / 藍花仔
<i>Eriochloa procera</i>	Cup Grass	高野黍
<i>Erythrina speciosa</i>	Ivory Coral Tree	象牙花
<i>Eucalyptus robusta</i>	Swamp Mahogany	大葉桉
<i>Eupatorium odoratum</i>	-	飛機草
<i>Euphorbia cyathophora</i>	Red-involucre Euphorbia	猩猩草
<i>Euphorbia hirta</i>	Garden spurge	飛揚草
<i>Eurya chinensis</i>	Chinese Eurya	矜 / 米碎花 / 崗茶
<i>Excoecaria agallocha</i>	Milky Mangrove	海漆
<i>Ficus microcarpa</i>	Chinese Banyan	榕樹 / 細葉榕
<i>Ficus pumila</i>	Creeping Fig	薜荔 / 文頭郎
<i>Ficus pyriformis</i>	Pear-fruit Fig	舶梨榕
<i>Ficus religiosa</i>	Peepul Tree, Bodh Tree	菩提樹
<i>Ficus subpisocarpa</i>	Japanese Superb Fig, Superb Fig	筆管榕
<i>Ficus virens</i>	Big-leaved Fig	黃葛樹 / 大葉榕 / 筆管榕
<i>Fimbristylis dichotoma</i>	Dichotomous Fimbristylis	兩歧飄拂草 / 稜穗飄拂草
<i>Fimbristylis sieboldii</i>	Ferruginous-scale or Rust-coloured Fimbristylis	鏽鱗飄拂草
<i>Fortunella margarita</i>	Oval Kumquat	金橘
<i>Gardenia jasminoides</i>	Cape Jasmine	梔子 / 水橫枝
<i>Gardenia jasminoides var. fortuniana</i>	Fortune's Cape Jasmi	白蟾
<i>Glyptostrobus pensilis</i>	Water Pine	水松
<i>Gomphrena celosioides</i>	Wild Globe Amaranth	銀花莧 / 野千日紅
<i>Grevillea robusta</i>	Silk Oak	銀樺
<i>Gymnanthera oblonga</i>	Oblong Gymnanthera	海島藤
<i>Gynura bicolor</i>	-	風鳳菜 / 紅鳳菜 / 兩色三七草
<i>Gynura divaricata</i>	-	白子菜
<i>Hedyotis auricularia</i>	Auricular Hedyotis, Broad-leaved Hedyotis	耳草
<i>Hedyotis corymbosa</i>	Corymbose Hedyotis	傘房花耳草
<i>Heritiera littoralis</i>	Coastal Heritiera	銀葉樹
<i>Hibiscus rosa-sinensis</i>	Chinese Hibiscus	朱槿 / 扶桑 / 大紅花
<i>Hibiscus tiliaceus</i>	Cuban Bast	黃槿
<i>Hymenocallis littoralis</i>	American Hymenocallis, Spider Lily	水鬼蕉
<i>Ilex asprella</i>	Rough-leaved Holly	梅葉冬青
<i>Ilex rotunda</i>	Chinese Holly	鐵冬青
<i>Imperata cylindrica var. major</i>	Lalang Grass	絲茅

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<i>Ipomoea aquatica</i>	Water Spinach	蕹菜
<i>Ipomoea batatas</i>	Sweet Potato	番薯
<i>Ipomoea biflora</i>	Two-flowered Aniseia	心萼薯
<i>Ipomoea cairica</i>	Cairo Morning Glory	五爪金龍
<i>Ipomoea pes-caprae</i>	Beach Morning-glory	厚藤 / 海灘牽牛
<i>Ipomoea triloba</i>	-	三裂葉薯
<i>Ischaemum aristatum var. glaucum</i>	Duck-beak Grass	鴨嘴草
<i>Ischaemum ciliare</i>	India Duck-beak	細毛鴨嘴草
<i>Ixora chinensis</i>	Chinese Ixora	龍船花 / 山丹
<i>Juncus effusus</i>	Common Rush	燈蕊草
<i>Kandelia obovata</i>	-	秋茄樹 / 紅萼 / 水筆仔
<i>Kyllinga brevifolia</i>	Short-leaved Kyllinga	短葉水蜈蚣
<i>Kyllinga nemoralis</i>	Uni-spike Kyllinga	單穗水蜈蚣
<i>Kyllinga polyphylla</i>	Aromatic Kyllinga	香根水蜈蚣
<i>Lantana camara</i>	Lantana	馬纓丹 / 如意草
<i>Leersia hexandra</i>	Rice Grass	李氏禾
<i>Lemna minor</i>	Lesser Duck-weed	青萍
<i>Lepironia articulata</i>	Cattail-leaved Lepironia, Lipocarpha	蒲草
<i>Leptochloa chinensis</i>	Chinese Sprangletop	千金子
<i>Leucaena leucocephala</i>	White Popinac	銀合歡
<i>Ligustrum sinense</i>	Chinese Privet	山指甲
<i>Lindernia crustacea</i>	Brittle False Pimpernel	母草
<i>Liquidambar formosana</i>	Sweet Gum	楓香
<i>Liriope spicata</i>	Lily Turf	山麥冬 / 麥門冬
<i>Litsea glutinosa</i>	Pond Spice	潺槁樹
<i>Litsea rotundifolia</i>	Round-leaved Litsea	圓葉豺皮樟
<i>Litsea rotundifolia var. oblongifolia</i>	Oblong-leaved Litsea, Long-leaved Litsea	豺皮樟
<i>Livistona chinensis</i>	Chinese Fan-palm	蒲葵
<i>Lophatherum gracile</i>	Common Lophantherum, Sasagrass	淡竹葉
<i>Ludwigia adscendens</i>	Water-dragon	水龍
<i>Ludwigia erecta</i>	-	美洲水丁香
<i>Ludwigia hyssopifolia</i>	-	草龍
<i>Lycium chinense</i>	Matrimony Vine	枸杞
<i>Lygodium flexuosum</i>	Flexuose Climbing Fern	曲軸海金沙 / 長葉海金沙
<i>Lygodium japonicum</i>	Climbing Fern	海金沙
<i>Lygodium scandens</i>	Scansorial Climbing Fern	小葉海金沙
<i>Macaranga tanarius var. tomentosa</i>	Elephant's Ear, Common Macaranga	血桐
<i>Macroptilium lathyroides</i>	One-leaved Clover	大翼豆
<i>Maesa perlaris</i>	-	鰂魚膽
<i>Mallotus paniculatus</i>	Turn-in-the-wind	白楸

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<i>Malvaviscus arboreus v penduliflorus</i>	Turk's Cap	垂花懸鈴花
<i>Manihot esculenta</i>	Tapioca Plant, Cassava	木薯
<i>Mariscus cyperoides</i>	Sawgrass	磚子苗
<i>Mariscus javanicus</i>	Fearthery Spike Sawgrass	羽穗磚子苗
<i>Melastoma malabathricum</i>	Common Melastoma	野牡丹
<i>Melastoma sanguineum</i>	Blood-red Melastoma	毛蕊
<i>Melia azedarach</i>	China-berry	楝 / 苦楝 / 森樹
<i>Melinis repens</i>	Redtop	紅毛草
<i>Melochia corchorifolia</i>	Jute-leaved Melochia	馬鬆子
<i>Merremia hederacea</i>	Ivy-like Merremia	魚黃草
<i>Microcos nervosa</i>	Microcos	破布葉 / 布渣葉
<i>Mikania micrantha</i>	Mile-a-minuted Weed	薇金菊
<i>Mimosa pudica</i>	Sensitive Plant	含羞草
<i>Morinda umbellata</i>	Common Indian-mulberry	羊角藤
<i>Morus alba</i>	White Mulberry	桑
<i>Murdannia nudiflora</i>	Naked Flower Murdannia	裸花水竹葉
<i>Murraya paniculata</i>	Orange-jessamine	九里香
<i>Musa x paradisiaca</i>	Common Banana, Banana	大蕉
<i>Nephrolepis sp.</i>	-	-
<i>Neyraudia reynaudiana</i>	Burma-reed	類蘆 / 石珍茅
<i>Nymphaea spp.</i>	-	睡蓮
<i>Oxalis corniculata</i>	Sorrel	酢醬草
<i>Oxalis debilis subsp. Corymbosa</i>	Lavender Sorrel	紅花酢醬草
<i>Paederia scandens</i>	Chinese Feverine	雞矢藤
<i>Palhinhaea cernua</i>	Nodding Clubmoss	鋪地蜈蚣 / 燈籠草
<i>Paliurus ramosissimus</i>	Thorny Wingnut	馬甲子
<i>Panicum dichotomiflorum</i>	Aquatic Panic Grass	水生黍
<i>Panicum maximum</i>	Guinea Grass	大黍
<i>Panicum repens</i>	Panic Grass	鋪地黍
<i>Paspalum conjugatum</i>	Hilo Grass	兩耳草
<i>Paspalum distichum</i>	Knot Grass	雙穗雀稗
<i>Paspalum scrobiculatum</i>	India Paspalum	鴨嘴草
<i>Paspalum scrobiculatum v orbiculare</i>	Ditch Millet	圓果雀稗
<i>Paspalum vaginatum</i>	Beach Paspalum	海雀稗
<i>Passiflora foetida</i>	Passion Flower	龍珠果
<i>Passiflora suberosa</i>	Triangular Passion Flower	南美西番蓮 / 三角西番蓮
<i>Pavetta hongkongensis</i>	Hong Kong Pavetta	香港大沙葉
<i>Pennisetum polystachion</i>	Mission Grass	多穗狼尾草
<i>Pennisetum purpureum</i>	Napier Grass	象草 / 紫狼尾草
<i>Persicaria chinensis</i>	Chinese Knotweed, Smartweed	火炭母
<i>Persicaria glabra</i>	Glabrous Knotweed	光蓼

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<i>Persicaria lapathifolia</i>	White Smartweed	大馬蓼
<i>Philodendron</i> spp.	-	喜樹蕉
<i>Phragmites australis</i>	Common Reedgrass	蘆葦
<i>Phragmites vallatorius</i>	Reed	卡開蘆 / 水竹
<i>Phyllanthus niruri</i>	Necklace Plant	珠子草
<i>Phyllanthus urinaria</i>	Night-closing Leaf, Common Leaf-flower	葉下珠
<i>Physalis angulata</i>	Ground Cherry	苦蕒 / 燈籠果
<i>Phytolacca acinosa</i>	India Poberry	商陸
<i>Pityrogramma calomelanos</i>	Silver Fern	粉葉蕨
<i>Plantago major</i>	Plantain	車前草
<i>Pluchea indica</i>	Marsh Fleabane	闊苞菊
<i>Plumeria rubra</i>	Frangipani	雞蛋花
<i>Pogonatherum crinitum</i>	Golden-hair Grass	金絲草
<i>Polygonum perfoliatum</i>	Spiny Knotweed	杠板歸 / 貫葉蓼
<i>Portulaca oleracea</i>	Purslane	馬齒莧 / 瓜子菜
<i>Psidium guajava</i>	Guava	番石榴
<i>Psychotria asiatica</i>	Wild Coffee	九節 / 山大刀
<i>Punica granatum</i>	Pomegranate	安石榴
<i>Pycerus polystachyos</i>	Branch Pycrus	多枝扁莎
<i>Rhaphiolepis indica</i>	Hong Kong Hawthorn	車輪梅 / 春花
<i>Rhododendron simsii</i>	Red Azalea	紅杜鵑
<i>Rhodomyrtus tomentosa</i>	Rose Myrtle	崗桉
<i>Rhus chinensis</i>	Sumac	鹽膚木
<i>Rhus succedanea</i>	Wax Tree	野漆樹
<i>Ruellia coerulea</i>	-	蘭花草
<i>Rumex dentatus</i>	Toothed-fruited Dock	齒果酸模
<i>Rumex trisetifer</i>	Trisetiferous Dock, Dock	長刺酸模
<i>Ruppia maritima</i>	Wigeon Grass	川蔓藻
<i>Saccharum arundinaceum</i>	Reed-like Sugarcane	斑茅 / 大密
<i>Sacciolepis indica</i>	Indina Cupscale, Panic Grass	囊穎草
<i>Sageretia thea</i>	Hedge Sageretia	雀海藤
<i>Salix babylonica</i>	Weeping Willow	垂柳
<i>Sapium discolor</i>	Mountain Tallow Tree	山烏柏
<i>Sapium sebiferum</i>	Chinese Tallow Tree	烏柏
<i>Sarcandra glabra</i>	Sarcandra	草珊瑚
<i>Schefflera heptaphylla</i>	Ivy Tree	鵝掌柴 / 鴨腳木
<i>Schoenoplectus subulatus</i>	Coastal Bulrush	鑽苞水蔥
<i>Scolopia chinensis</i>	Chinese Scolopia	刺柊
<i>Senecio scandens</i>	-	千里光
<i>Senna bicapsularis</i>	Double-fruited Cassia	雙莢決明

Scientific Name	English Name	Chinese Name
<i>Senna tora</i>	Sickle Senna	決明
<i>Sesbania cannabina</i>	Dhaincha	田菁
<i>Sesbania javanica</i>	Java Sesbania	沼生田菁
<i>Sida acuta</i>	Acute Sida	黃花稔
<i>Sida rhombifolia</i>	Sida Hemp	白背黃花稔
<i>Solanum americanum</i>	Shining-fruit Nightshade	少花龍葵
<i>Solanum nigrum</i>	Black Nightshade	龍葵
<i>Solanum torvum</i>	Tetrongan	水茄
<i>Sonchus oleraceus</i>	Sow-Thistle	苦苣菜
<i>Sonneratia apetala</i>	-	無瓣海桑
<i>Sonneratia caseolaris</i>	-	海桑
<i>Spilanthus paniculata</i>	Gold Button	金鈕扣
<i>Sporobolus fertilis</i>	Australian Smut-grass	鼠尾粟
<i>Sporobolus virginicus</i>	Seashore Dropgrass	鹽地鼠尾粟
<i>Sterculia lanceolata</i>	Lance-leaved Sterculia	假蒺藜
<i>Strophanthus divaricatus</i>	Goat Horns	羊角拗
<i>Suaeda australis</i>	South Sea-Blite	南方鹼蓬
<i>Syngonium podophyllum</i>	African Evergreen	合果芋
<i>Syzygium buxifolium</i>	Box-leaved Syzygium	赤楠
<i>Syzygium jambos</i>	Rose Apple	蒲桃
<i>Tadehagi triquetrum</i>	-	葫蘆茶
<i>Tetracera asiatica</i>	Sandpaper Vine	錫葉藤
<i>Thevetia peruviana</i>	Yellow Oleander	黃花夾竹桃
<i>Thunbergia erecta</i>	Bush Thunbergia	硬枝老鴉嘴
<i>Toxicarpus wightianus</i>	Wight's Toxicarpus	弓果藤
<i>Trema tomentosa</i>	India-charcoal Trema	山黃麻
<i>Triumfetta rhomboidea</i>	Triumfetta	刺蒴麻
<i>Typha angustifolia</i>	Narrow-leaved Cat-tail	水燭
<i>Urena lobata</i>	Rose Mallow	肖梵天花 / 繡頭婆
<i>Urena procumbens</i>	Procumbent Indian Mallow	梵天花
<i>Vernonia cinerea</i>	Iron Weed	夜香牛
<i>Wedelia biflora</i>	-	雙頭菊
<i>Wedelia triloba</i>	-	三裂葉蟛蜞菊
<i>Wikstroemia indica</i>	Indian Wikstroemia	了哥王
<i>Woodfordia fruticosa</i>	Shrubby Woodfordia	蝦仔花
<i>Youngia japonica</i>	Hawk's Beard	黃鵪菜
<i>Zehneria japonica</i>	Indian Zehneria	老鼠拉冬瓜
<i>Zephyranthes citrina</i>	Yellow Rain Lily	黃花蔥蓮
<i>Zeuxine strateumatica</i>	Common Zeuxine	線柱蘭
<i>Zoysia sinica</i>	Chinese Lawn Grass	中華結縷草

APPENDIX C1-2

List of Plant Species Recorded in Project Site and Study Area during 12-month Ecological Survey (2017)

Scientific name	Origin ¹	Growth Form	Status in Hong Kong ²	MPNR (Gei Wai and Ponds)		MPNR (Outside Boundary Fence)		Study Area (Excl. MPNR)						
				Brackish Gei-wai	Rain-fed Pond	Mangrove	Wooded Area	Mangrove	Commercial Fishpond	Brackish Marsh	Natural Watercourse	Channelised Watercourse	Wooded Area	Developed Area
<i>Acacia auriculiformis</i>	Exotic	Tree	Widely cultivated									*		**
<i>Acacia confusa</i>	Exotic	Tree	Widely cultivated					*	*		*	**		
<i>Acacia mangium</i>	Exotic	Tree	Widely cultivated	*										
<i>Acanthus ilicifolius</i>	Native	Shrub	Common	****	*	***		***		*	**			
<i>Achyranthes aspera</i>	Native	Herb	Common	*	*								**	
<i>Acrostichum aureum</i>	Native	Herb	Restricted	****	*	***		**		**	**			
<i>Aegiceras corniculatum</i>	Native	Shrub/Tree	Common	****	*	***								
<i>Ageratum conyzoides</i>	Exotic	Herb	Common						**					
<i>Albizia lebbek</i>	Exotic	Tree	Cultivated	**	*									
<i>Allamanda schottii</i>	Exotic	Shrub	Commonly cultivated						*					
<i>Alocasia macrorrhizos</i>	Native	Herb	Very common	**	**		**		*	*			**	**
<i>Alternanthera paronychioides</i>	Exotic	Herb	Restricted	*	*				**					
<i>Alternanthera philoxeroides</i>	Exotic	Herb	Common	*	*									
<i>Alternanthera sessilis</i>	Native	Herb	Common	*	***				**					
<i>Alysicarpus vaginalis</i>	Native	Herb	Very common	*	*									
<i>Amaranthus viridis</i>	Native	Herb	Very common	*	*				*					
<i>Annona squamosa</i>	Exotic	Tree	Cultivated						*					
<i>Aporosa dioica</i>	Native	Tree	Very common		*		**						***	*
<i>Araucaria heterophylla</i>	Exotic	Tree	Cultivated (IUCN: Vulnerable)											**
<i>Archontophoenix alexandrae</i>	Exotic	Tree	Commonly cultivated						*					**
<i>Ardisia elliptica</i>	Exotic	Shrub/Tree	Cultivated				**							
<i>Artocarpus heterophyllus</i>	Exotic	Tree	Commonly planted for fruit		*				**					
<i>Asparagus cochinchinensis</i>	Native	Climber/Shrub	Common	*	*								**	
<i>Aster subulatus</i>	Exotic	Herb	Naturalized	*	*				*					
<i>Asystasia micrantha</i>	Exotic	Herb	Cultivated or naturalized	*	*									
<i>Atalantia buxifolia</i>	Native	Shrub	Common	*			***		*					
<i>Averrhoa carambola</i>	Exotic	Tree	Planted						*					**
<i>Axonopus compressus</i>	Exotic	Herb	Common and naturalized		*									
<i>Bacopa monnieri</i>	Native	Herb	Common		**									
<i>Bambusa sp.</i>	-	Bamboo	-	*	**				**					
<i>Basella alba</i>	Exotic	Climber	Restricted, cultivated and naturalized		*				*		*			
<i>Bauhinia x blakeana</i>	Native	Tree	Cultivated											**
<i>Bidens alba</i>	Exotic	Herb	Very common	****	****		*		***		**		*	***
<i>Bischofia javanica</i>	Native	Tree	Common		*									
<i>Brachiaria mutica</i>	Exotic	Herb	Very common	**	****	*		**	*	***	***			
<i>Breynia fruticosa</i>	Native	Shrub	Very common		*									
<i>Bridelia tomentosa</i>	Native	Shrub/Tree	Very common	**	**		**		**					**
<i>Broussonetia papyrifera</i>	Native	Tree	Very common						**					
<i>Bruguiera gymnorrhiza</i>	Native	Tree	Restricted	*	*									
<i>Cajanus scarabaeoides</i>	Native	Climber	Common						*					
<i>Callistemon viminalis</i>	Exotic	Tree	Cultivated						**					
<i>Campsis grandiflora</i>	Exotic	Climber	Cultivated	*										
<i>Canavalia maritima</i>	Native	Climber	Common	***	*									
<i>Canna indica</i>	Exotic	Herb	Cultivated						**					
<i>Cansjera rheedii</i>	Native	Climber/Shrub	Restricted	*			***						**	
<i>Capsella bursa-pastoris</i>	Native	Herb	Common										*	
<i>Capsicum annuum</i>	Exotic	Herb	Cultivated						*					
<i>Carica papaya</i>	Exotic	Tree	Cultivated						*					**
<i>Caryota maxima</i>	Exotic	Tree	Cultivated	*			*							***
<i>Casuarina equisetifolia</i>	Exotic	Tree	Cultivated	**	*				*					
<i>Catharanthus roseus</i>	Exotic	Herb/Shrub	Common											**
<i>Cayratia japonica</i>	Native	Climber	Restricted											*
<i>Celtis sinensis</i>	Native	Tree	Common and widely planted	***	**		***						***	**

Scientific name	Origin ¹	Growth Form	Status in Hong Kong ²	MPNR (Gei Wai and Ponds)		MPNR (Outside Boundary Fence)		Study Area (Excl. MPNR)						
				Brackish Gei-wai	Rain-fed Pond	Mangrove	Wooded Area	Mangrove	Commercial Fishpond	Brackish Marsh	Natural Watercourse	Channelised Watercourse	Wooded Area	Developed Area
<i>Centella asiatica</i>	Native	Herb	Very common	*	*									
<i>Centotheca lappacea</i>	Native	Herb	Common										**	
<i>Ceratopteris thalictroides</i>	Native	Herb	Regarded as Rare in Xing <i>et al.</i> (2000). Status in China as "Vulnerable", under State protection (Category II) in China (AFCD 2003)	*	*									
<i>Cerbera manghas</i>	Native	Tree	Common	**	**									
<i>Chloris barbata</i>	Native	Herb	Very common	*					*					
<i>Cinnamomum burmannii</i>	Native	Tree	Common, also cultivated	*										
<i>Cinnamomum camphora</i>	Native	Tree	Common, also cultivated	*			*		*					
<i>Citrus maxima</i>	Exotic	Tree	Cultivated						**					*
<i>Citrus reticulata</i>	Exotic	Shrub	Cultivated	*					**					
<i>Clausena lansium</i>	Exotic	Tree	Cultivated						***					
<i>Cleome burmannii</i>	Exotic	Herb	Restricted and naturalized						**					
<i>Clerodendrum inerme</i>	Native	Climber/Shrub	Common	***	*		*			*				
<i>Cocculus orbiculatus</i>	Native	Climber	Common	**	**		*		**				**	*
<i>Codiaeum variegatum</i>	Exotic	Shrub	Cultivated	*										**
<i>Colocasia esculenta</i>	Native	Herb	Cultivated						*					
<i>Commelina diffusa</i>	Native	Herb	Common	**	**				**				*	*
<i>Conyza sumatrensis</i>	Exotic	Herb	Common	*	*				*					***
<i>Crateva unilocularis</i>	Exotic	Tree	Cultivated	*										**
<i>Cucurbita moschata</i>	Exotic	Climber/Herb	Cultivated						*					
<i>Cuscuta chinensis</i>	Native	Herb	Common	*										
<i>Cyclosorus interruptus</i>	Native	Herb	Common	*	*				**	**				
<i>Cyclosorus parasiticus</i>	Native	Herb	Very common	*	*									
<i>Cynodon dactylon</i>	Native	Herb	Very common	**	**				**				*	**
<i>Cyperus distans</i>	Native	Herb	Common	**					*					
<i>Cyperus exaltatus</i>	Native	Herb	Restricted		*									
<i>Cyperus imbricatus</i>	Native	Herb	Common	*					*					
<i>Cyperus iria</i>	Native	Herb	Common	*	*				**					
<i>Cyperus malaccensis</i>	Native	Herb	Common	*	*			**		*	**			
<i>Cyperus odoratus</i>	Exotic	Herb	Regarded as Rare in Xing <i>et al.</i> (2000), widely established in HK in recent years	**	**				*					
<i>Cyperus pilosus</i>	Native	Herb	Common	*	*									
<i>Cyperus rotundus</i>	Native	Herb	Very common	**	*				*					
<i>Cyrtococcum patens</i>	Native	Herb	Very common	*	*		**							
<i>Dactyloctenium aegyptium</i>	Native	Herb	Common	*	*				**					*
<i>Delonix regia</i>	Exotic	Tree	Cultivated	*										*
<i>Derris trifoliata</i>	Native	Climber/Shrub	Common	***	*	***		**		**				
<i>Desmodium triflorum</i>	Native	Herb	Very common	*										
<i>Desmos chinensis</i>	Native	Climber/Shrub	Common	*	*		*						***	
<i>Dianella ensifolia</i>	Native	Herb	Very common				*						**	
<i>Digitaria ciliaris</i>	Native	Herb	Very common	**	**				*					
<i>Dimocarpus longan</i>	Exotic	Tree	Cultivated				**		*					**
<i>Dioscorea bulbifera</i>	Native	Climber	Common	*			**							
<i>Diospyros vaccinioides</i>	Native	Shrub	Classified as "Critically Endangered" on IUCN Red List but is very common in Hong Kong	*										
<i>Dracaena sanderiana</i>	Exotic	Shrub	Planted or naturalized											*
<i>Dracontomelon duperreanum</i>	Exotic	Tree	Cultivated											*
<i>Dyopsis lutescens</i>	Exotic	Shrub	Cultivated (IUCN: Near Threatened)											**
<i>Echinochloa crusgalli</i>	Native	Herb	Common	*	*				*					
<i>Eclipta prostrata</i>	Native	Herb	Common	*	*				**					
<i>Eichhornia crassipes</i>	Exotic	Herb	Common						*	***	**			
<i>Eleocharis dulcis</i>	Exotic	Herb	Common		**									
<i>Eleusine indica</i>	Native	Herb	Very common	**	**									*

Scientific name	Origin ¹	Growth Form	Status in Hong Kong ²	MPNR (Gei Wai and Ponds)		MPNR (Outside Boundary Fence)		Study Area (Excl. MPNR)						
				Brackish Gei-wai	Rain-fed Pond	Mangrove	Wooded Area	Mangrove	Commercial Fishpond	Brackish Marsh	Natural Watercourse	Channelised Watercourse	Wooded Area	Developed Area
<i>Emilia sonchifolia</i>	Native	Herb	Very common	*	*				*				*	
<i>Epipremnum aureum</i>	Exotic	Climber	Planted for ornamental purpose	*										
<i>Eremochloa ophiuroides</i>	Native	Herb	Restricted	*										*
<i>Eriobotrya japonica</i>	Exotic	Tree	Cultivated											*
<i>Eriochloa procera</i>	Native	Herb	Restricted	*					*					
<i>Eucalyptus tereticornis</i>	Exotic	Tree	Cultivated						*					
<i>Euphorbia hirta</i>	Exotic	Herb	Very common	**	*				**					*
<i>Euphorbia hypericifolia</i>	Native	Herb	Common						*					
<i>Euphorbia thymifolia</i>	Native	Herb	Very common						*					
<i>Excoecaria agallocha</i>	Native	Tree	Common		*	*								
<i>Ficus elastica</i>	Exotic	Tree	Cultivated										*	*
<i>Ficus macrocarpa</i>	Native	Tree	Common and widely cultivated	*	*		****		*				**	*
<i>Ficus microcarpa</i> cv. Golden Leaves	Exotic	Shrub	-											*
<i>Ficus pumila</i>	Native	Climber	Very common	*	*									*
<i>Ficus religiosa</i>	Exotic	Tree	Restricted but widely planted and locally naturalized		*									
<i>Ficus subpisocarpa</i>	Native	Tree	Common	**	*	*	***	**	*		**			*
<i>Ficus tinctoria</i>	Native	Tree	Common				***							
<i>Ficus variegata</i>	Native	Tree	Common										**	
<i>Ficus virens</i>	Native	Tree	Common	*										
<i>Fimbristylis sieboldii</i>	Native	Herb	Common	*										
<i>Flueggea virosa</i>	Native	Shrub	Common	*					*					
<i>Gardenia jasminoides</i>	Native	Shrub	Common	*			*							
<i>Gardenia jasminoides</i> var. <i>fortuniana</i>	Exotic	Shrub	Cultivated	*										
<i>Gomphrena celosioides</i>	Exotic	Herb	Restricted						**					
<i>Grevillea robusta</i>	Exotic	Tree	Cultivated	*								*		
<i>Gymnanthera oblonga</i>	Native	Climber	Restricted	***	*	**	*		*	**	*			
<i>Hedyotis auricularia</i>	Native	Herb	Common	*	*				**					
<i>Hedyotis corymbosa</i>	Native	Herb	Very common	*	*				*					
<i>Hedyotis diffusa</i>	Native	Herb	Very common						*					
<i>Heritiera littoralis</i>	Native	Tree	Restricted	*	*									
<i>Hibiscus rosa-sinensis</i>	Exotic	Shrub	Common											**
<i>Hibiscus tiliaceus</i>	Native	Tree	Very common	**	*				**			***		
<i>Hylocereus undatus</i>	Exotic	Herb	Cultivated						*					
<i>Hymenocallis littoralis</i>	Exotic	Herb	Cultivated	*	*									
<i>Ilex asprella</i>	Native	Shrub	Very common	*	*									
<i>Ilex pubescens</i>	Native	Shrub	Very common											*
<i>Ilex rotunda</i>	Exotic	Tree	Common	*	*		*							*
<i>Imperata cylindrica</i> var. <i>major</i>	Native	Herb	Very common	*	*									
<i>Ipomoea aquatica</i>	Exotic	Herb	Very common		**				*	**	**			
<i>Ipomoea batatas</i>	Exotic	Herb	Cultivated						*					
<i>Ipomoea cairica</i>	Exotic	Herb	Very common						*	*	*			
<i>Ipomoea triloba</i>	Exotic	Herb	Common	*	*				**					
<i>Ixora chinensis</i>	Native	Shrub	Restricted, also widely cultivated	*										
<i>Jatropha podagrica</i>	Exotic	Shrub	Cultivated						*					
<i>Juncus effusus</i>	Native	Herb	Restricted		*									
<i>Kandelia obovate</i>	Native	Tree	Very common	****	*	****		****			*			
<i>Kyllinga brevifolia</i>	Native	Herb	Common	*	*									
<i>Kyllinga nemoralis</i>	Native	Herb	Very common	*	*				**					
<i>Kyllinga polyphylla</i>	Exotic	Herb	Common	*					**				**	
<i>Lagenaria siceraria</i>	Exotic	Climber	Cultivated						*					
<i>Lagerstroemia speciosa</i>	Exotic	Tree	Cultivated											**
<i>Lantana camara</i>	Exotic	Shrub	Very common	***	*		**	*	**		*		**	***
<i>Leersia hexandra</i>	Native	Herb	Common	*	*									

Scientific name	Origin ¹	Growth Form	Status in Hong Kong ²	MPNR (Gei Wai and Ponds)		MPNR (Outside Boundary Fence)		Study Area (Excl. MPNR)						
				Brackish Gei-wai	Rain-fed Pond	Mangrove	Wooded Area	Mangrove	Commercial Fishpond	Brackish Marsh	Natural Watercourse	Channelised Watercourse	Wooded Area	Developed Area
<i>Lemna minor</i>	Native	Herb	Restricted	*										
<i>Leonurus japonicus</i>	Native	Herb	Restricted						**					
<i>Lepironia articulata</i>	Exotic	Herb	Cultivated		**									
<i>Leucaena leucocephala</i>	Exotic	Shrub/Tree	Cultivated or naturalized	**				**	*		**		*	***
<i>Ligustrum sinense</i>	Exotic	Shrub/Tree	Common, also widely cultivated	*									**	
<i>Lindernia antipoda</i>	Native	Herb	Common											*
<i>Lindernia crustacea</i>	Native	Herb	Restricted	*	*									
<i>Liquidambar formosana</i>	Native	Tree	Common, also widely planted		*									
<i>Liriope spicata</i>	Native	Herb	Very common										**	
<i>Litchi chinensis</i>	Exotic	Tree	Cultivated						*				*	***
<i>Litsea glutinosa</i>	Native	Tree	Very common		*		*						**	*
<i>Litsea rotundifolia</i> var. <i>oblongifolia</i>	Native	Shrub/Tree	Very common	*	*								***	
<i>Livistona chinensis</i>	Exotic	Tree	Cultivated	*					**					
<i>Lonicera japonica</i>	Native	Climber	Very common										**	**
<i>Lophatherum gracile</i>	Native	Herb	Very common	*	*									
<i>Ludwigia erecta</i>	Exotic	Herb	-		*				*					
<i>Ludwigia hyssopifolia</i>	Native	Herb	Restricted		*				**		**			
<i>Lygodium japonicum</i>	Native	Climber/Herb	Very common	**	**		**		**				**	
<i>Lygodium scandens</i>	Native	Climber/Herb	Common	*	*								**	
<i>Macaranga tanarius</i> var. <i>tomentosa</i>	Native	Tree	Common	**			**	*	**		*		**	
<i>Macroptilium lathyroides</i>	Exotic	Herb	Common						*					
<i>Mallotus paniculatus</i>	Native	Shrub/Tree	Very common		*									
<i>Malvastrum coromandelianum</i>	Native	Herb/Shrub	Common						**					
<i>Mangifera indica</i>	Exotic	Tree	Cultivated						**					**
<i>Manihot esculenta</i>	Exotic	Shrub	Cultivated		*				*					
<i>Mariscus javanicus</i>	Native	Herb	Restricted	*	*									
<i>Melastoma malabathricum</i>	Native	Shrub	Common	*										
<i>Melia azedarach</i>	Exotic	Tree	Cultivated or naturalized	***	**	*	*	*	**		**			**
<i>Melinis repens</i>	Exotic	Herb	Very common	*										
<i>Merremia hederacea</i>	Native	Herb	Restricted	*	*				*					
<i>Microcos nervosa</i>	Native	Shrub/Tree	Common	*	*		*		*				***	*
<i>Mikania micrantha</i>	Exotic	Climber/Herb	Very common	***	**	*	*	*	**	*	**		*	***
<i>Mimosa pudica</i>	Exotic	Herb	Very common	*	*				*					*
<i>Morus alba</i>	Native	Shrub/Tree	Common and cultivated		*			*	*		*			*
<i>Murraya paniculata</i>	Exotic	Tree	Cultivated or naturalized	*	**		**		*				*	
<i>Musa x paradisiaca</i>	Exotic	Herb	Cultivated	*	*				**		*			
<i>Nelumbo nucifera</i>	Exotic	Herb	Cultivated						*					
<i>Neottopteris nidus</i>	Native	Herb	Cultivated, regarded as Restricted in Xing et al. protected under Cap. 96;	*										
<i>Nephrolepis auriculata</i>	Native	Herb	Very common				**							
<i>Neyraudia reynaudiana</i>	Native	Herb	Very common			*	*		**	*				**
<i>Nymphaea</i> spp.	Exotic	Herb	Cultivated		**									
<i>Osmanthus fragrans</i>	Exotic	Shrub/Tree	Cultivated											**
<i>Oxalis corniculata</i>	Native	Herb	Very common	**	**				**					**
<i>Oxalis debilis</i> subsp. <i>corymbosa</i>	Exotic	Herb	Common	*	*									*
<i>Paederia scandens</i>	Native	Herb	Very common	**		*	**	*	*		*			*
<i>Paliurus ramosissimus</i>	Native	Shrub/Tree	Common				**							
<i>Pandanus austrosinensis</i>	Native	Herb	Restricted						*					
<i>Panicum dichotomiflorum</i>	Native	Herb	Common	**	****				*	*				
<i>Panicum maximum</i>	Exotic	Herb	Very common	***	**		*	*	*		**		**	*
<i>Panicum repens</i>	Native	Herb	Very common	*					*					
<i>Paspalum conjugatum</i>	Native	Herb	Common	*	**				*					
<i>Paspalum distichum</i>	Native	Herb	Common		*									
<i>Paspalum scrobiculatum</i> var. <i>orbiculare</i>	Native	Herb	Very common		*				*					

Scientific name	Origin ¹	Growth Form	Status in Hong Kong ²	MPNR (Gei Wai and Ponds)		MPNR (Outside Boundary Fence)		Study Area (Excl. MPNR)						
				Brackish Gei-wai	Rain-fed Pond	Mangrove	Wooded Area	Mangrove	Commercial Fishpond	Brackish Marsh	Natural Watercourse	Channelised Watercourse	Wooded Area	Developed Area
<i>Paspalum vaginatum</i>	Native	Herb	Common	**										
<i>Passiflora foetida</i>	Exotic	Climber	Very common	**	*			**	*		*			
<i>Passiflora suberosa</i>	Exotic	Climber	Common	*			*							
<i>Pavetta hongkongensis</i>	Native	Shrub/Tree	Protected under Cap. 96, but common in Hong Kong	*										
<i>Pennisetum purpureum</i>	Exotic	Herb	Very common	*	*		*	*	*		*			**
<i>Persicaria chinensis</i>	Native	Herb	Very common		*								*	**
<i>Persicaria glabra</i>	Native	Herb	Restricted	*										
<i>Persicaria lapathifolia</i>	Native	Herb	Common	*	*									
<i>Phragmites australis</i>	Native	Herb	Very common	***	****			**	*	***	*			
<i>Phragmites vallatorius</i>	Native	Herb	Restricted		***									
<i>Phyllanthus niruri</i>	Native	Herb	Common	*	*				*					
<i>Phyllanthus urinaria</i>	Native	Herb	Common	*	*								**	
<i>Phytolacca acinosa</i>	Exotic	Herb	Regarded as Rare in Xing <i>et al.</i> (2000), but often cultivated and specimens sometimes escaped from cultivation (AFCD 2007)	*					*					
<i>Plantago major</i>	Native	Herb	Very common	*					*				*	
<i>Platyclusus orientalis</i>	Exotic	Tree	Often planted (IUCN: Near Threatened)											*
<i>Pluchea indica</i>	Native	Shrub	Common	*	*			*			*			
<i>Podocarpus macrophyllus</i>	Native	Tree	Restricted and often planted (IUCN: Vulnerable)						*					
<i>Portulaca oleracea</i>	Native	Herb	Very common						**	*	*			
<i>Pouzolzia zeylanica</i>	Native	Herb	Common						*					
<i>Prunus persica</i>	Exotic	Tree	Cultivated											*
<i>Psidium guajava</i>	Exotic	Tree	Common and often planted	*	*				*					*
<i>Psychotria asiatica</i>	Native	Shrub/Tree	Very common				**							
<i>Pteridium aquilinum var. latiusculum</i>	Native	Herb	Common										*	
<i>Pteris ensiformis</i>	Native	Herb	Common										*	
<i>Pteris semipinnata</i>	Native	Herb	Very common										*	
<i>Pueraria lobata</i>	Native	Climber	Very common						**					
<i>Pycreus polystachyos</i>	Native	Herb	Very common	**	*				*					
<i>Rhaphiolepis indica</i>	Native	Shrub/Tree	Very common	*	*		*						*	
<i>Rhodomyrtus tomentosa</i>	Native	Shrub	Very common	*	*									
<i>Ricinus communis</i>	Exotic	Shrub	Restricted but often planted and naturalized						*					
<i>Rourea microphylla</i>	Native	Climber/Shrub	Common										*	
<i>Roystonea regia</i>	Exotic	Tree	Often planted											*
<i>Rumex trisetifer</i>	Native	Herb	Common	*	*				*					
<i>Saccharum officinarum</i>	Exotic	Herb	Cultivated						*					
<i>Sacciolepis indica</i>	Native	Herb	Very common	*										
<i>Sageretia thea</i>	Native	Climber/Shrub	Very common	*			*						**	
<i>Sapium sebiferum</i>	Native	Tree	Common	***	*		**		*					*
<i>Schefflera heptaphylla</i>	Native	Shrub/Tree	Very common	*										
<i>Schoenoplectus subulatus</i>	Native	Herb	Restricted	*	**									
<i>Selaginella tamariscina</i>	Native	Herb	Restricted											*
<i>Sesbania cannabina</i>	Exotic	Herb	Common	*					*					
<i>Sida acuta</i>	Native	Herb	Common	*	*				*				*	*
<i>Solanum americanum</i>	Exotic	Herb	Very common	*	*				*					*
<i>Solanum torvum</i>	Exotic	Shrub	Common		*				*					
<i>Solena amplexicaulis</i>	Native	Climber	Very common						*					
<i>Sonchus oleraceus</i>	Exotic	Herb	Very common		*				*					
<i>Sonneratia apetala</i>	Exotic	Tree	Naturalized			*								
<i>Sonneratia caseolaris</i>	Exotic	Tree	Naturalized			*				*	*	*		
<i>Spilanthes paniculata</i>	Native	Herb	Common						*					
<i>Sporobolus fertilis</i>	Native	Herb	Very common	*										
<i>Stenochlaena palustris</i>	Native	Climber/Herb	-										*	

Scientific name	Origin ¹	Growth Form	Status in Hong Kong ²	MPNR (Gei Wai and Ponds)		MPNR (Outside Boundary Fence)		Study Area (Excl. MPNR)						
				Brackish Gei-wai	Rain-fed Pond	Mangrove	Wooded Area	Mangrove	Commercial Fishpond	Brackish Marsh	Natural Watercourse	Channelised Watercourse	Wooded Area	Developed Area
<i>Sterculia lanceolata</i>	Native	Tree	Very common	*	*								*	
<i>Strophanthus divaricatus</i>	Native	Climber	Common				*							
<i>Synedrella nodiflora</i>	Exotic	Herb	Very common						*				*	
<i>Syngonium auritum</i>	Exotic	Herb	Commonly cultivated	**										
<i>Syngonium podophyllum</i>	Exotic	Herb	Often planted		*									
<i>Syzygium buxifolium</i>	Native	Shrub/Tree	Common	*										
<i>Syzygium jambos</i>	Exotic	Tree	Cultivated and naturalized						*				**	*
<i>Tamarindus indica</i>	Exotic	Tree	Common						*					
<i>Tetracera asiatica</i>	Native	Climber	Very common				*							
<i>Trema tomentosa</i>	Native	Shrub/Tree	Common	*										
<i>Tridax procumbens</i>	Exotic	Herb	Very common						*					*
<i>Typha angustifolia</i>	Exotic	Herb	Regarded as Rare in Xing <i>et al.</i> (2000), widely established in HK in recent years	*					*					
<i>Vernonia amygdalina</i>	Exotic	Herb/Shrub	-						*					
<i>Vernonia cinerea</i>	Native	Herb	Very common	**	*				*					*
<i>Wedelia biflora</i>	Native	Herb/Shrub	Common	*	*									
<i>Wedelia trilobata</i>	Exotic	Herb	Common, also widely cultivated	**	**			*	*	*	*			*
<i>Youngia japonica</i>	Native	Herb	Very common	*					*				*	
<i>Zanthoxylum nitidum</i>	Native	Climber/Shrub	Very common										*	*
<i>Zephyranthes citrina</i>	Exotic	Herb	Cultivated		*									
Total no. of species recorded			279	158	133	15	44	21	137	19	30	4	50	73

Key for abundance: * = Scarce, ** = Occasional, *** = Frequent, **** = Abundant.

Notes:

- Origin of plant species refers to AFCD (2012). Check List of Hong Kong Plants 2012. Agriculture, Fisheries and Conservation Department, HKSAR, Hong Kong.
- Status follows Xing, F.W., Ng, S.C., Chau, L.K.C. 2000. Gymnosperms and angiosperms of Hong Kong. *Memoirs of the Hong Kong Natural History Society* 23: 21-136.
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 - AFCD. 2007. Flora of Hong Kong Vol. 1. Edited by Hong Kong Herbarium, Agriculture, Fisheries and Conservation Department & South China Botanical Garden, Chinese Academy of Sciences. 329pp
 - AFCD. 2008. Flora of Hong Kong Vol. 2. Edited by Hong Kong Herbarium, Agriculture, Fisheries and Conservation Department & South China Botanical Garden, Chinese Academy of Sciences. 352pp
 - AFCD. 2009. Flora of Hong Kong Vol. 3. Edited by Hong Kong Herbarium, Agriculture, Fisheries and Conservation Department & South China Botanical Garden, Chinese Academy of Sciences. 352pp
 - AFCD. 2011. Flora of Hong Kong Vol. 4. Edited by Hong Kong Herbarium, Agriculture, Fisheries and Conservation Department & South China Botanical Garden, Chinese Academy of Sciences. 379pp

APPENDIX C1-3

List of Plant Species Recorded Under Accessible Footprint and Immediately Adjacent Areas of Project Elements During Verification Surveys (2020)

Scientific name	Chinese name	Origin ¹	Growth Form ²	Status in HK ¹	Footprint of Project Elements		
					Gei Wai	Rain-fed Pond	Developed Area
<i>Acanthus ilicifolius</i>	老鼠簕	Native	Shrub	Common	***		
<i>Achyranthes aspera</i>	土牛膝	Native	Herb	Common		***	
<i>Acrostichum aureum</i>	鹵蕨	Native	Herb	Restricted	**		
<i>Aegiceras corniculatum</i>	桐花樹	Native	Shrub/Tree	Common	**		
<i>Aglaia odorata var. microphyllina</i>	小葉米仔蘭	Exotic	Shrub/Tree	Cultivated			**
<i>Alocasia macrorrhizos</i>	海芋	Native	Herb	Very common		**	
<i>Aloe vera</i>	蘆薈	Exotic	Herb	Cultivated			*
<i>Alternanthera paronychioides</i>	星星蝦鉗菜	Exotic	Herb	Restricted		**	
<i>Artocarpus heterophyllus</i>	菠蘿蜜	Exotic	Tree	Cultivated	*		
<i>Atalantia buxifolia</i>	酒餅筋	Native	Shrub	Common	**		**
<i>Averrhoa carambola</i>	楊桃	Exotic	Tree	Planted			*
<i>Avicennia marina</i>	白骨壤	Native	Shrub	Common	**		
<i>Bambusa sp.</i>	竹屬	-	Bamboo	-	*		
<i>Bambusa tuldooides</i>	青稈竹	Native	Bamboo	Restricted		***	
<i>Bidens alba</i>	白花鬼針草	Exotic	Herb	Very common	***	***	***
<i>Bridelia tomentosa</i>	土蜜樹	Native	Shrub/Tree	Very common		**	
<i>Canavalia maritima</i>	海刀豆	Native	Climber	Common	**		
<i>Carica papaya</i>	番木瓜	Exotic	Tree	Cultivated			*
<i>Casuarina equisetifolia</i>	木麻黃	Exotic	Tree	Cultivated	**		
<i>Celtis sinensis</i>	朴	Native	Tree	Common and widely planted	**		
<i>Cerbera manghas</i>	海芒果	Native	Tree	Common		**	
<i>Cocculus orbiculatus</i>	木防己	Native	Climber	Common	*		
<i>Cyclosorus interruptus</i>	間斷毛蕨	Native	Herb	Common		**	
<i>Cynodon dactylon</i>	狗牙根	Native	Herb	Very common			**
<i>Cyperus involucratus</i>	風車草	Exotic	Herb	Cultivated, naturalized			**
<i>Desmos chinensis</i>	假鷹爪	Native	Climber/Shrub	Common			**
<i>Eupatorium odoratum</i>	飛機草	Exotic	Herb	Naturalized			**
<i>Ficus microcarpa</i>	細葉榕	Native	Tree	Common and widely cultivated	*		**
<i>Ficus pumila</i>	薜荔	Native	Climber	Very common			**
<i>Ficus subpisocarpa</i>	筆管榕	Native	Tree	Common	**		
<i>Heritiera littoralis</i>	銀葉樹	Native	Tree	Restricted		**	**
<i>Hibiscus tiliaceus</i>	黃槿	Native	Tree	Very common		***	
<i>Hymenocallis littoralis</i>	水鬼蕉	Exotic	Herb	Cultivated			*
<i>Ixora chinensis</i>	龍船花	Native	Shrub	Restricted, also widely cultivated			**
<i>Kandelia obovata</i>	水筆仔	Native	Tree	Very common	****		
<i>Lantana camara</i>	馬纓丹	Exotic	Shrub	Very common	**		**
<i>Leucaena leucocephala</i>	銀合歡	Exotic	Shrub/Tree	Cultivated, naturalized			**
<i>Litsea glutinosa</i>	潺槁	Native	Tree	Very common	*		

Scientific name	Chinese name	Origin ¹	Growth Form ²	Status in HK ¹	Footprint of Project Elements		
					Gei Wai	Rain-fed Pond	Developed Area
<i>Livistona chinensis</i>	蒲葵	Exotic	Tree	Cultivated	*		
<i>Lycopersicon esculentum</i>	蕃茄	Exotic	Herb	Cultivated			*
<i>Macaranga tanarius var. tomentosa</i>	血桐	Native	Tree	Common	***		***
<i>Mangifera indica</i>	杧果	Exotic	Tree	Cultivated			*
<i>Melaleuca cajuputi subsp. cumingiana</i>	白千層	Exotic	Tree	Cultivated			**
<i>Melia azedarach</i>	苦楝	Exotic	Tree	Cultivated or naturalized			**
<i>Mikania micrantha</i>	薇甘菊	Exotic	Climber/Herb	Very common	**		
<i>Morus alba</i>	桑	Native	Shrub/Tree	Common and cultivated		*	
<i>Murraya paniculata</i>	九里香	Exotic	Tree	Cultivated, naturalized	*		*
<i>Neyraudia reynaudiana</i>	類蘆	Native	Herb	Very common	**		
<i>Oxalis corniculata</i>	酢醬草	Native	Herb	Very common	*		*
<i>Panicum maximum</i>	大黍	Exotic	Herb	Very common	***	***	***
<i>Paspalum conjugatum</i>	兩耳草	Native	Herb	Common	**		
<i>Passiflora foetida</i>	龍珠果	Exotic	Climber	Very common	**		**
<i>Passiflora suberosa</i>	南美西番蓮	Exotic	Climber	Common		*	
<i>Pavetta hongkongensis</i>	香港大沙葉	Native	Shrub/Tree	Protected (Cap. 96A) Common			*
<i>Phragmites australis</i>	蘆葦	Native	Herb	Very common	****		**
<i>Pluchea indica</i>	闊苞菊, 煙茜	Native	Shrub	Common	**		
<i>Saccharum officinarum</i>	甘蔗	Exotic	Herb	Cultivated			*
<i>Sapium sebiferum</i>	烏桕	Native	Tree	Common	*		
<i>Schefflera arboricola</i>	鵝掌藤	Exotic	Climber /Shrub	Cultivated			**
<i>Solanum torvum</i>	水茄	Exotic	Shrub	Common	*		
<i>Syngonium podophyllum</i>	合果芋	Exotic	Herb	Often planted	*		*
<i>Syzygium jambos</i>	蒲桃	Exotic	Tree	Cultivated, naturalized			**
<i>Trema tomentosa</i>	山黃麻	Native	Shrub/Tree	Common		*	
<i>Vernonia amygdalina</i>	扁桃斑鳩菊	Exotic	Herb/Shrub	-			*
<i>Wedelia trilobata</i>	三裂葉蟛蜞菊	Exotic	Herb	Common, also widely cultivated			**
Total				65	31	14	34

Key for abundance: * = Scarce, ** = Occasional, *** = Frequent, ****= Abundant.

APPENDIX C2-1

WWF List of Mammal Species Recorded in MPNR (up to May 2019)

English Name	Chinese Name	Scientific Name	WWF-HK Records	AFCD Bat Records
Leschenault's Rousette	棕果蝠	<i>Rousettus leschenaulti</i>	✓	
Short-nosed Fruit Bat	短吻果蝠	<i>Cynopterus sphinx</i>	✓	
Intermediate Horseshoe Bat	中菊頭蝠	<i>Rhinolophus affinis</i>	✓	
Least Horseshoe Bat	小菊頭蝠	<i>Rhinolophus pusillus</i>	✓	✓
Chinese Horseshoe Bat	栗黃菊頭蝠	<i>Rhinolophus sinicus</i>		✓
Horsfield's Myotis	霍氏鼠耳蝠	<i>Myotis horsfieldii</i>	✓	✓
Chinese Noctule	褐山蝠	<i>Nyctalus plancyi</i>	✓	✓
Japanese Pipistrelle	東亞家蝠	<i>Pipistrellus abramus</i>	✓	✓
Least Pipistrelle	小伏翼	<i>Pipistrellus tenuis</i>	✓	✓
Chinese Pipistrelle	灰伏翼	<i>Hypsugo pulveratus</i>	✓	✓
Lesser Bamboo Bat	扁顛蝠	<i>Tylonycteris pachypus</i>	✓	✓
Lesser Yellow Bat	中黃蝠	<i>Scotophilus kuhlii</i>	✓	✓
Greater Bent-winged Bat	大長翼蝠	<i>Miniopterus magnater</i>	✓	✓
Lesser Bent-winged Bat	南長翼蝠	<i>Miniopterus pusillus</i>	✓	✓
Common Bent-winged Bat	長翼蝠	<i>Miniopterus schreibersii</i>		✓
Himalayan Leaf-nosed Bat	大蹄蝠	<i>Hipposideros armiger</i>		✓
Rhesus Macaque	獼猴	<i>Macaca mulatta</i>	✓	
Musk Shrew	臭鼩	<i>Suncus murinus</i>	✓	
Greater Bandicoot Rat	板齒鼠	<i>Bandicota indica</i>	✓	
Chestnut Spiny Rat	針毛鼠	<i>Niviventer fulvescens</i>	✓	
Lesser Rice-field Rat	黃毛鼠	<i>Rattus losea</i>	✓	
Indochinese Forest Rat	印支林鼠	<i>Rattus andamanensis</i>	✓	
Roof Rat	屋頂鼠	<i>Rattus rattus</i>	✓	
Asian House Rat	黃胸鼠	<i>Rattus tanezumi</i>	✓	
Brown Rat	褐家鼠	<i>Rattus norvegicus</i>	✓	
Ryukyu Mouse	田鼠	<i>Mus caroli</i>	✓	
House Mouse	小家鼠	<i>Mus musculus</i>	✓	
East Asian Porcupine	東亞豪豬	<i>Hystrix brachyura</i>	✓	
Eurasian Otter	水獺	<i>Lutra lutra</i>	✓	
Small Indian Civet	小靈貓	<i>Viverricula indica</i>	✓	
Small Asian Mongoose	紅頰獾	<i>Herpestes javanicus</i>	✓	
Domestic Dog	野狗	<i>Canis lupus familiaris</i>	✓	
Leopard Cat	豹貓	<i>Prionailurus bengalensis</i>	✓	
Domestic Cat	野貓	<i>Felis catus</i>	✓	
Eurasian Wild Pig	野豬	<i>Sus scrofa</i>	✓	
Domestic Water Buffalo	水牛	<i>Bubalus bubalis</i>	✓	

APPENDIX C2-2

WWF-HK Camera-trap Records of Non-flying Mammal Species in MPNR and its Vicinity (2019)

Common Name	Scientific Name	Fellowes et al. (2002) ¹	IUCN ²	Cap. 170 ³	Cap. 586 ⁴	AFCD Assessment ⁵	Red List of Chinese Vertebrates (2016) ⁶	No. of Photograph Records Obtained by Auto-trigger Cameras ⁸										
								MPNR							Adjacent Area ⁷			
								Gate 107	GW16B	GW18	GW22	P24a	P24f	GW11	SUB-TOTAL	FBW	SS	SUB-TOTAL
Domestic Cat	<i>Felis catus</i>	-	-	-	-	Uncommon	-				1				1			0
Domestic Dog	<i>Canis lupus familiaris</i>	-	-	-	-	Common	-	418	1	2	61	21	62	37	602		56	56
Eurasian otter	<i>Lutra lutra</i>	RC	NT	Y	Y	Rare; Species of Conservation Concern	EN		5						5			0
Leopard cat	<i>Prionailurus bengalensis</i>	-	LC	Y	Y	Uncommon	VU	2		4	5		10	1	22	6	6	12
Rheus Macaque	<i>Macaca mulatta</i>	-	LC	Y	Y	Common	-						1		1			0
Unidentified Rat	-	-	-	-	-	-	-	5	1					16	22			0
Small Indian Civet	<i>Viverricula indica</i>	-	LC	Y	Y	Very Common	VU			15	2	12	24	1	54		2	2
Pallas's Squirrel	<i>Callosciurus erythraeus</i>	-	LC	Y	-	Common	-		1						1			0
Wild boar	<i>Sus Scrofa</i>	-	-	-	-	Very Common	-				1		1		2			0
Total Number of Species								3	4	3	5	2	5	4	9	1	3	3
Number of Species of Conservation Importance								1	1	2	2	1	2	2	3	1	2	2

Notes:

1. Fellowes et al. (2002). Wild Animals to Watch: Terrestrial and Freshwater Fauna of Conservation Concern in Hong Kong. Memoirs of the Hong Kong Natural History Society 25:123-159: RC = Regional Concern.
2. IUCN: The IUCN Red List of Threatened Species: NT = Near Threatened; LC = Least Concern. Assessed from <<https://www.iucnredlist.org/>> in Dec 2020.
3. Cap. 170 = Chapter 170 Wild Animals Protection Ordinance. All wild birds are protected under Cap. 170.
4. Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance.
5. AFCD Assessment: Hong Kong Biodiversity Database. Assessed from <<https://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.php>> in Dec 2020.
6. Red List of China's Vertebrates (2016). Biodiversity Science: 24 (5) 500-551.: EN = Endangered; VU = Vulnerable.
7. FBW = Fixed Boardwalk, SS = Shekshan
8. Camera locations are shown in **Figure 7.3a**

APPENDIX C2-3

Maximum Count of All Mammals in Project Site and Study Area during Surveys (2019-2020)

Species ¹	IUCN ²	Cap 170 ³	Cap 586 ⁴	AFCD Assessment ⁵	Red List of China's Vertebrates ⁶	Habitat		
						PS		SA
						Brackish Gei Wai	Rain-fed Pond	Developed Area
Short-nosed Fruit Bat <i>Cynopterus sphinx</i>	LC	Y	-	Very Common	NT			6
Pallas's Squirrel <i>Callioscurus erythraeus</i>	LC	Y	-	Common	-			1
Small Asian Mongoose <i>Herpestes javanicus</i>	LC	Y	Y	Uncommon	VU		4	
Pipistrelle sp.	N/A	N/A	N/A	N/A	N/A	1		1
Total No. Species						1	1	3
No. Species of Conservation Importance						0	1	1

Notes:

- None of the species listed is identified as of conservation concern in Fellowes et al. (2002). Wild animals to Watch: Terrestrial and Freshwater Fauna of Conservation Concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159.
- IUCN: The IUCN Red List of Threatened Species: NT = Near Threatened; LC = Least Concern. Assessed from <<https://www.iucnredlist.org/>> in Dec 2020.
- Cap. 170 = Chapter 170 Wild Animals Protection Ordinance. All wild birds are protected under Cap. 170.
- Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance.
- AFCD Assessment: Hong Kong Biodiversity Database. Accessed from <<https://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.php>> in Dec 2020.
- Red List of China's Vertebrates (2016). *Biodiversity Science*: 24 (5) 500-551.: NT = Near Threatened; VU = Vulnerable.

APPENDIX C3-1

WWF-HK Mean and Maximum Counts of Avifauna Species Recorded in MPNR (2015-2019)

Name	Scientific Name	Principal Status ¹	Conservation and Protection Status ²	2015		2016		2017		2018		2019	
				Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.
Tundra Bean Goose	<i>Anser serrirostris</i>	(Not included)	-					0.21	3				
Greater White-fronted Goose	<i>Anser albifrons</i>	(Not included)	CSMPS(II)			0.29	3	0.38	3	0.17	1		
Black Swan	<i>Cygnus atratus</i>	(Not included)	-					0.08	1				
Mandarin Duck	<i>Aix galericulata</i>	-	RLCV(NT); CSMPS(II)			0.04	1						
Garganey	<i>Spatula querquedula</i>	M,W	-	7.83	62	7.67	37	2.04	9	6.88	36	4.21	65
Northern Shoveler	<i>Spatula clypeata</i>	W	RC	206.67	303	159.21	221	151.50	290	254.13	401	211.63	308
Gadwall	<i>Mareca strepera</i>	W	-	0.17	2	0.79	10						
Falcatid Duck	<i>Mareca falcata</i>	W	RC; RLCV(NT); IUCN(NT)			0.13	2			0.04	1		
Eurasian Wigeon	<i>Mareca penelope</i>	W	RC	131.96	144	61.42	122	34.21	73	68.58	266	123.04	443
Chinese Spot-billed Duck	<i>Anas zonorhyncha</i>	(Not included)	-	1.75	8	0.83	4	1.13	7	1.58	7	0.54	4
Mallard	<i>Anas platyrhynchos</i>	W	RC					0.08	1			0.33	4
Northern Pintail	<i>Anas acuta</i>	W	RC	6.25	21	40.79	115	45.38	211	21.13	92	10.83	48
Eurasian Teal	<i>Anas crecca</i>	W	RC	44.21	407	18.38	90	41.92	673	17.67	107	51.46	772
Tufted Duck	<i>Aythya fuligula</i>	W	LC	44.25	119	55.75	117	65.00	233	142.75	261	58.25	304
Smew	<i>Mergellus albellus</i>	-	-	0.08	1			0.04	1	0.08	1		
Little Grebe	<i>Tachybaptus ruficollis</i>	P	LC	21.17	20	19.79	9	16.13	10	18.38	38	11.50	10
Great Crested Grebe	<i>Podiceps cristatus</i>	W	RC									0.04	1
Oriental Stork	<i>Ciconia boyciana</i>	W	GC; RLCV(EN); IUCN(EN)							0.08	1		
Eurasian Spoonbill	<i>Platalea leucorodia</i>	W	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586	0.33	2	0.13	1	0.08	2	0.38	2	0.46	3
Black-faced Spoonbill	<i>Platalea minor</i>	W	PGC; RLCV(EN); IUCN(EN); CSMPS(II)	47.46	112	33.38	98	32.04	156	44.92	168	26.08	122
Eurasian Bittern	<i>Botaurus stellaris</i>	W	RC	0.08	1							0.04	1
Yellow Bittern	<i>Ixobrychus sinensis</i>	M,Su	(LC)	0.42	1	0.38	2	0.54	3	0.58	3	0.25	1
Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>	M	LC					0.13	1				
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	P	(LC)	86.29	140	34.63	99	23.54	36	24.25	42	18.58	18

Name	Scientific Name	Principal Status ¹	Conservation and Protection Status ²	2015		2016		2017		2018		2019	
				Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.
Striated Heron	<i>Butorides striata</i>	Su	(LC)	1.25	5	1.42	3	1.79	6	1.04	2	1.67	3
Chinese Pond Heron	<i>Ardeola bacchus</i>	P	PRC (RC)	22.17	23	17.33	15	20.50	18	19.63	14	13.96	21
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	P	(LC)	7.17	15	10.08	46	8.75	51	5.00	9	4.75	34
Grey Heron	<i>Ardea cinerea</i>	W	PRC	86.96	116	90.58	342	55.79	43	85.00	46	61.54	71
Purple Heron	<i>Ardea purpurea</i>	AM,P	RC	2.63	6	1.63	3	2.29	3	2.42	4	2.04	4
Great Egret	<i>Ardea alba</i>	P	PRC (RC)	258.96	319	189.00	328	106.17	235	220.38	574	159.96	739
Intermediate Egret	<i>Ardea intermedia</i>	M,P	RC	3.92	7	4.08	10	2.17	3	1.83	2	1.29	5
Little Egret	<i>Egretta garzetta</i>	P	PRC (RC)	115.21	217	106.79	294	146.92	465	148.21	272	134.42	273
Chinese Egret	<i>Egretta eulophotes</i>	SpM	GC; RLCV(VU); IUCN(VU); CSMPS(II)			0.04	1						
Great Cormorant	<i>Phalacrocorax carbo</i>	W	PRC	711.21	779	751.38	1283	623.13	693	796.50	1131	423.29	1118
Western Osprey	<i>Pandion haliaetus</i>	W	RC; RLCV(NT); CITES(II); CSMPS(II); Cap.586	1.29	3	0.83	1	0.71	1	0.67	1	0.54	1
Black-winged Kite	<i>Elanus caeruleus</i>	O	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586	0.29	2							0.04	1
Greater Spotted Eagle	<i>Clanga clanga</i>	W	GC; RLCV(EN); IUCN(VU); CITES(II); CSMPS(II); Cap.586	0.29	1	0.13	1	0.21	2	0.17	1	0.17	1
Eastern Imperial Eagle	<i>Aquila heliaca</i>	W	GC; RLCV(EN); IUCN(VU); CITES(II); CSMPS(I); Cap.586	0.38	1	0.29	1	0.21	1	0.17	1		
Crested Goshawk	<i>Accipiter trivirgatus</i>	R	RLCV(NT); CITES(II); CSMPS(II); Cap.586					0.08	2	0.04	1		
Japanese Sparrowhawk	<i>Accipiter gularis</i>	M	CSMPS(II); CITES(II); Cap.586			0.04	1	0.04	1				
Besra	<i>Accipiter virgatus</i>	R	CSMPS(II); CITES(II); Cap.586	0.54	1	0.75	1	0.29	1	0.21	1	0.08	1
Eastern Marsh Harrier	<i>Circus spilonotus</i>	W	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586	0.58	2	1.21	4	0.29	2	0.46	2	0.21	2
Pied Harrier	<i>Circus melanoleucos</i>	AM	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586			0.04	1						
Black Kite	<i>Milvus migrans</i>	W,R	(RC); CITES(II); CSMPS(II); Cap.586	5.33	7	6.17	7	6.00	6	8.08	8	6.33	10
Eastern Buzzard	<i>Buteo japonicus</i>	W	CSMPS(II); CITES(II); Cap.586	0.83	2	0.46	1	0.50	2	0.50	2	0.54	2
Slaty-breasted Rail	<i>Gallirallus striatus</i>	R	RC	0.08	1								
Eastern Water Rail	<i>Rallus indicus</i>	M	-	0.04	1								
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	R	-	11.21	10	8.67	10	9.13	10	8.04	8	8.17	8

Name	Scientific Name	Principal Status ¹	Conservation and Protection Status ²	2015		2016		2017		2018		2019	
				Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.
Watercock	<i>Gallicrex cinerea</i>	M	RC			0.04	1	0.08	2				
Purple Swamphen	<i>Porphyrio porphyrio</i>	(Not included)	-							0.04	1		
Common Moorhen	<i>Gallinula chloropus</i>	R	-	10.25	7	7.17	7	4.25	12	6.25	9	2.21	8
Eurasian Coot	<i>Fulica atra</i>	W	RC	3.00	9	2.04	7	1.08	4	0.42	2		
Siberian Crane	<i>Leucogeranus leucogeranus</i>	(Not included)	RLCV(CR); IUCN(CR); CITES(I); CSMPS(I); Cap.586			0.08	1	0.21	1				
Black-winged Stilt	<i>Himantopus himantopus</i>	W	RC	18.00	21	16.67	64	13.29	42	27.00	58	9.88	31
Pied Avocet	<i>Recurvirostra avosetta</i>	W	RC	222.38	497	203.63	602	128.33	1033	19.50	189	55.46	243
Northern Lapwing	<i>Vanellus vanellus</i>	W	LC; IUCN(NT)	0.88	17					0.04	1		
Grey-headed Lapwing	<i>Vanellus cinereus</i>	W	LC	0.29	4			0.04	1	0.08	1		
European Golden Plover	<i>Pluvialis apricaria</i>	(Not included)	-	0.04	1								
Pacific Golden Plover	<i>Pluvialis fulva</i>	M,W	LC	3.25	41	0.88	15	0.63	7	2.79	50	1.29	19
Grey Plover	<i>Pluvialis squatarola</i>	W	RC	1.67	14	0.46	4	0.63	5	1.67	23	3.46	68
Little Ringed Plover	<i>Charadrius dubius</i>	W,R	(LC)	3.00	51	0.88	5	0.58	3	1.67	19	0.58	4
Kentish Plover	<i>Charadrius alexandrinus</i>	W	RC	1.25	20	1.75	20	0.13	1	0.50	7	0.29	2
Lesser Sand Plover	<i>Charadrius mongolus</i>	M	LC			1.88	23	0.13	2				
Greater Sand Plover	<i>Charadrius leschenaultii</i>	M	RC	0.71	15			1.29	31	1.29	18	1.08	26
Greater Painted-snipe	<i>Rostratula benghalensis</i>	M,R	LC	0.29	3	0.04	1	0.04	1	0.29	4	0.63	8
Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	M	LC; RLCV(NT)					0.04	1				
Whimbrel	<i>Numenius phaeopus</i>	M	LC	8.54	88	1.33	12	5.83	76	14.88	293	0.83	13
Far Eastern Curlew	<i>Numenius madagascariensis</i>	M	LC; RLCV(VU); IUCN(EN)					0.04	1				
Eurasian Curlew	<i>Numenius arquata</i>	W/M	RC; RLCV(NT); IUCN(NT)	21.08	107	14.83	99	15.83	96	7.92	78	25.63	440
Bar-tailed Godwit	<i>Limosa lapponica</i>	M	LC; RLCV(NT); IUCN(NT)	0.63	14			0.13	2				
Black-tailed Godwit	<i>Limosa limosa</i>	M,W	RC; IUCN(NT)	79.50	515	43.88	487	5.88	122	32.67	396	1.13	7

Name	Scientific Name	Principal Status ¹	Conservation and Protection Status ²	2015		2016		2017		2018		2019	
				Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.
Ruddy Turnstone	<i>Arenaria interpres</i>	M	LC			0.04	1			0.04	1		
Great Knot	<i>Calidris tenuirostris</i>	M	LC; RLCV(VU); IUCN(EN)	0.42	8	0.04	1			0.04	1	0.33	4
Broad-billed Sandpiper	<i>Calidris falcinellus</i>	M	LC			0.04	1					0.04	1
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	M	LC	0.13	3	0.17	2			0.67	14		
Curlew Sandpiper	<i>Calidris ferruginea</i>	SpM	RC; IUCN(NT)	8.21	195	6.71	75	0.13	2	1.00	8	0.04	1
Temminck's Stint	<i>Calidris temminckii</i>	M,W	LC					0.25	6				
Long-toed Stint	<i>Calidris subminuta</i>	M	LC							0.08	2		
Red-necked Stint	<i>Calidris ruficollis</i>	M	LC; IUCN(NT)	0.13	2	1.21	21	2.21	51	4.00	32	0.04	1
Dunlin	<i>Calidris alpina</i>	W	RC	4.46	107	4.25	102	0.67	9	0.04	1		
Asian Dowitcher	<i>Limnodromus semipalmatus</i>	M	RC; RLCV(NT); IUCN(NT)	0.58	5	0.13	1	0.25	4	0.13	1	0.04	1
Pintail Snipe	<i>Gallinago stenura</i>	M	-	0.04	1							0.04	1
Pintail/Swinhoe's Snipe	<i>Gallinago stenura/G. megala</i>	-	LC for Swinhoe's Snipe	0.13	3			0.04	1				
Common Snipe	<i>Gallinago gallinago</i>	W	-	0.08	1	0.04	1	0.17	2	0.25	4	0.17	2
Terek Sandpiper	<i>Xenus cinereus</i>	M	RC	0.29	7	0.38	8	0.04	1	2.71	58	0.38	4
Red-necked Phalarope	<i>Phalaropus lobatus</i>	M	-									0.04	1
Common Sandpiper	<i>Actitis hypoleucos</i>	M,W	-	1.33	3	1.33	3	1.25	6	4.17	69	1.17	2
Green Sandpiper	<i>Tringa ochropus</i>	W	-	0.17	1	0.29	3	0.63	4	1.46	8		
Grey-tailed Tattler	<i>Tringa brevipes</i>	M	LC; IUCN(NT)									0.04	1
Common Redshank	<i>Tringa totanus</i>	W	RC	141.42	810	86.75	483	39.63	180	77.75	441	96.96	884
Marsh Sandpiper	<i>Tringa stagnatilis</i>	M,W	RC	135.88	1650	35.75	237	79.13	705	32.04	181	40.71	197
Wood Sandpiper	<i>Tringa glareola</i>	M,W	LC	8.08	81	1.63	21	0.92	13	2.38	30	0.50	5
Spotted Redshank	<i>Tringa erythropus</i>	W/M	RC	4.13	35	3.00	16	0.75	6	2.71	22	4.13	90
Common Greenshank	<i>Tringa nebularia</i>	M,W	RC	175.25	630	118.17	491	66.13	268	84.33	727	94.00	483
Oriental Pratincole	<i>Glareola maldivarum</i>	M	LC			0.08	2			0.54	6		
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	W	PRC	16.13	296	11.29	115	35.96	272	20.33	430	5.46	120
Black-tailed Gull	<i>Larus crassirostris</i>	W,M	LC	0.21	5								

Name	Scientific Name	Principal Status ¹	Conservation and Protection Status ²	2015		2016		2017		2018		2019	
				Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.
Lesser Black-backed Gull	<i>Larus fuscus</i>	W, M	LC	0.08	1	0.33	2	0.04	1			0.08	1
Gull-billed Tern	<i>Gelochelidon nilotica</i>	M	-			0.04	1			0.17	2	0.54	7
Caspian Tern	<i>Hydroprogne caspia</i>	M	RC					0.13	3			0.04	1
Whiskered Tern	<i>Chlidonias hybrida</i>	M	-	0.04	1	4.21	60	1.88	41	0.75	10	0.38	9
White-winged Tern	<i>Chlidonias leucopterus</i>	M	-	0.04	1	0.50	12	2.08	50			0.83	20
Rock Dove	<i>Columba livia</i>	R	-	0.71	4			0.38	6	0.75	4		
Bar-shouldered Dove	<i>Geopelia humeralis</i>	(Not included)	-							0.08	1		
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	W	-	3.75	21	1.88	6	0.38	2	0.25	1	1.63	27
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	(Not included)	-	0.33	6	0.21	2	0.83	3	0.88	5	2.00	9
Red Turtle Dove	<i>Streptopelia tranquebarica</i>	AM	-	0.13	2	0.04	1	0.04	1	0.50	12		
Spotted Dove	<i>Spilopelia chinensis</i>	R	-	24.38	15	20.21	20	16.79	16	21.21	19	17.25	21
Greater Coucal	<i>Centropus sinensis</i>	R	CSMPS(II)	10.21	7	8.92	7	8.29	10	7.04	16	7.25	7
Chestnut-winged Cuckoo	<i>Clamator coromandus</i>	Su	-					0.04	1				
Asian Koel	<i>Eudynamis scolopaceus</i>	Su,R	-	7.54	7	3.83	3	5.54	5	5.00	9	5.50	5
Plaintive Cuckoo	<i>Cacomantis merulinus</i>	Su	-	0.04	1	0.08	1	0.17	1			0.04	1
Large Hawk-Cuckoo	<i>Hierococcyx sparverioides</i>	Su	-			0.25	2	0.29	2	0.17	2	0.29	2
Indian Cuckoo	<i>Cuculus micropterus</i>	Su	-	0.29	3	0.17	1	0.13	2	0.92	6	0.25	2
Asian Barred Owlet	<i>Glaucidium cuculoides</i>	R	CITES(II); CSMPS(II); Cap.586	0.38	1	0.29	1	0.17	1	0.13	1	0.21	1
Common Swift	<i>Apus apus</i>	-	-							0.08	2		
Pacific Swift	<i>Apus pacificus</i>	SpM,Su	(LC)									0.13	3
House Swift	<i>Apus nipalensis</i>	R,SpM	-	3.88	39	0.83	8	0.63	5	2.13	30	0.33	6
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	AM,P	(LC)	1.46	1	1.88	2	1.54	1	1.33	2	1.08	2
Black-capped Kingfisher	<i>Halcyon pileata</i>	AM,W	(LC)	0.08	2								

Name	Scientific Name	Principal Status ¹	Conservation and Protection Status ²	2015		2016		2017		2018		2019	
				Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.
Common Kingfisher	<i>Alcedo atthis</i>	AM,P	-	4.67	3	3.58	3	3.46	3	2.83	2	2.67	3
Pied Kingfisher	<i>Ceryle rudis</i>	R	(LC)	3.79	4	3.13	6	3.79	6	3.79	5	2.00	4
Common Kestrel	<i>Falco tinnunculus</i>	AM,W	CITES(II); CSMPS(II); Cap.586			0.04	1						
Peregrine Falcon	<i>Falco peregrinus</i>	R,W	(LC); RLCV(NT); CITES(I); CSMPS(II); Cap.586	0.13	1	0.21	1	0.08	1	0.29	2	0.17	1
Alexandrine Parakeet	<i>Psittacula eupatria</i>	(Not included)	IUCN(NT); CSMPS(II)			0.13	1						
Long-tailed Shrike	<i>Lanius schach</i>	R	-	4.33	3	2.67	3	1.92	3	1.46	3	1.75	6
Black-naped Oriole	<i>Oriolus chinensis</i>	AM	LC			0.04	1						
Black Drongo	<i>Dicrurus macrocercus</i>	M,Su	-	4.88	9	4.29	6	5.46	6	5.04	5	2.92	6
Hair-crested Drongo	<i>Dicrurus hottentottus</i>	M,Su,W	-					0.46	11	0.04	1		
Azure-winged Magpie	<i>Cyanopica cyanus</i>	(Not included)	-	10.33	20	5.50	12	8.38	76	6.29	30	13.75	74
Red-billed Blue Magpie	<i>Urocissa erythroryncha</i>	R	-	0.75	4	0.83	5	1.46	4	0.92	3	0.83	3
Oriental Magpie	<i>Pica serica</i>	R	-	8.21	9	8.04	9	5.25	18	4.71	10	1.83	8
Rook	<i>Corvus frugilegus</i>	#N/A	-							0.04	1	0.04	1
Collared Crow	<i>Corvus torquatus</i>	R	LC; RLCV(NT); IUCN(VU)	16.46	24	13.21	11	13.67	16	18.75	24	14.21	19
Large-billed Crow	<i>Corvus macrorhynchos</i>	R	-	0.92	3	1.08	5	2.38	5	1.63	6	2.46	13
Cinereous Tit	<i>Parus cinereus</i>	R	-	8.29	7	5.83	7	7.08	15	3.04	5	2.58	4
Chinese Penduline Tit	<i>Remiz consobrinus</i>	M,W	RC	1.88	15	0.13	2	0.25	3			0.04	1
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	R	-	9.92	18	6.46	14	6.29	16	15.46	16	12.79	47
Chinese Bulbul	<i>Pycnonotus sinensis</i>	R	-	63.33	59	44.21	49	53.79	93	64.33	179	43.71	111
Chestnut Bulbul	<i>Hemixos castanonotus</i>	R,W	-	0.13	3								
Pale Martin	<i>Riparia diluta</i>	(Not included)	-			0.04	1						
Barn Swallow	<i>Hirundo rustica</i>	SpM,Su	-	11.04	35	19.25	179	16.58	172	14.96	38	14.00	84
Red-rumped Swallow	<i>Cecropis daurica</i>	M	-			0.08	1						
Manchurian Bush Warbler	<i>Horornis canturians</i>	W	-	0.04	1			0.21	2			0.21	2

Name	Scientific Name	Principal Status ¹	Conservation and Protection Status ²	2015		2016		2017		2018		2019	
				Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.
Japanese Bush Warbler	<i>Horornis diphone</i>	(Not included)	-	0.13	1					0.08	2	0.04	1
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	W	-	3.17	4	3.83	9	3.75	13	0.63	3	0.50	6
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	W	-	0.25	2	0.38	3	0.08	1	0.21	5	0.13	1
Dusky Warbler	<i>Phylloscopus fuscatus</i>	W	-	8.33	9	9.75	12	10.13	19	11.04	21	3.50	17
Eastern crowned Warbler	<i>Phylloscopus coronatus</i>	AM	-					0.04	1				
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	M	-	0.67	1	0.79	2	1.13	3	0.75	3	0.25	2
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	M	-	1.00	3	0.50	2	0.29	2	0.04	1	0.08	1
Russet Bush Warbler	<i>Locustella mandelli</i>	W	-	0.08	1								
Zitting Cisticola	<i>Cisticola juncidis</i>	W	LC	0.08	1	0.04	1					0.04	1
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	R	-	26.29	52	15.75	16	21.17	26	11.58	14	12.04	16
Plain Prinia	<i>Prinia inornata</i>	R	-	8.42	11	6.17	5	4.25	4	4.25	7	3.88	11
Common Tailorbird	<i>Orthotomus sutorius</i>	R	-	3.04	5	2.25	2	3.92	7	1.58	7	0.83	4
Chinese Hwamei	<i>Garrulax canorus</i>	R	RLCV(NT); CITES(II); Cap.586					0.08	2				
Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	R	-	36.92	46	22.67	19	25.50	23	28.46	25	21.50	27
Swinhoe's White-eye	<i>Zosterops simplex</i>	R,?W	-	40.04	29	15.46	25	18.00	18	24.92	30	9.92	20
Crested Myna	<i>Acridotheres cristatellus</i>	R	-	33.04	38	22.71	30	35.50	81	50.54	75	25.96	51
Great Myna	<i>Acridotheres grandis</i>	(Not included)	-	0.08	2			0.17	3	0.04	1		
Common Myna	<i>Acridotheres tristis</i>	R	-			0.08	2	1.04	9	0.17	2	0.17	4
Red-billed Starling	<i>Spodiopsar sericeus</i>	W	GC	28.25	80	35.29	185	30.08	290	48.88	334	8.38	90
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	W	PRC	0.21	1	0.08	1	0.75	13	0.08	1	0.04	1
Black-collared Starling	<i>Gracupica nigricollis</i>	R	-	26.13	63	28.29	47	25.67	66	43.21	64	29.88	68
White-shouldered Starling	<i>Sturnia sinensis</i>	M,W,Su	(LC)	4.71	22	3.42	36	1.50	10	2.96	30	1.79	9
Common Starling	<i>Sturnus vulgaris</i>	W	LC					0.08	2				

Name	Scientific Name	Principal Status ¹	Conservation and Protection Status ²	2015		2016		2017		2018		2019	
				Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.
Grey-backed Thrush	<i>Turdus hortulorum</i>	W	-	0.21	1	0.13	1	0.04	1				
Chinese Blackbird	<i>Turdus mandarinus</i>	W,M	-	0.67	4	0.58	2	0.42	3				
Chinese Blackbird	<i>Turdus mandarinus</i>	(Not included)	-									0.63	6
Oriental Magpie Robin	<i>Copsychus saularis</i>	R	-	9.25	13	5.42	4	7.46	10	5.13	6	5.50	14
Grey-streaked Flycatcher	<i>Muscicapa griseisticta</i>	M	-					0.04	1				
Asian Brown Flycatcher	<i>Muscicapa dauurica</i>	M,W	-	0.25	1	0.04	1	0.29	3				
Siberian Rubythroat	<i>Calliope calliope</i>	W	-	0.04	1	0.04	1	0.04	1	0.29	6	0.33	2
Red-flanked Bluetail	<i>Tarsiger cyanurus</i>	W	-			0.08	1						
Blue whistling Thrush	<i>Myophonus caeruleus</i>	R	-					0.08	2			0.04	1
Red-throated Flycatcher	<i>Ficedula albicilla</i>	AM,W	-	0.08	1								
Daurian Redstart	<i>Phoenicurus aureus</i>	W	-	0.79	1	1.50	2	1.63	5	1.67	3	1.42	6
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	W,M	-	0.63	1	1.04	4	0.79	3	0.42	2	0.42	2
Scarlet-backed Flowerpecker	<i>Dicaeum cruentatum</i>	R	-					0.21	4				
Fork-tailed Sunbird	<i>Aethopyga christinae</i>	R	-	0.13	1	0.08	1			0.04	1	0.04	1
Eurasian Tree Sparrow	<i>Passer montanus</i>	R	-	6.38	12	3.46	20	2.04	6	1.33	6	3.04	32
White-rumped Munia	<i>Lonchura striata</i>	R	-							0.08	2		
Scaly-breasted Munia	<i>Lonchura punctulata</i>	R	-	19.50	40	16.67	50	10.33	36	7.54	26	54.21	414
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	M,W	-	0.88	10	0.38	3	2.88	14	1.58	10	0.29	2
White Wagtail	<i>Motacilla alba</i>	W,R	-	4.58	8	3.58	4	5.54	15	3.79	5	2.13	4
Richard's Pipit	<i>Anthus richardi</i>	W,R	-	0.13	2	0.13	2	0.04	1	0.54	5	0.42	3
Olive-backed Pipit	<i>Anthus hodgsoni</i>	W	-	0.67	3	0.63	3	1.21	4	2.04	5	1.46	5
Red-throated Pipit	<i>Anthus cervinus</i>	M,W	LC	0.04	1	0.04	1			0.46	5	1.46	30
Chinese Grosbeak	<i>Eophona migratoria</i>	M	LC	1.63	15	0.50	7	0.29	4	0.08	2		
Chestnut-eared Bunting	<i>Emberiza fucata</i>	M	LC					0.04	1				

Name	Scientific Name	Principal Status ¹	Conservation and Protection Status ²	2015		2016		2017		2018		2019	
				Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.	Mean	Max.
Little Bunting	<i>Emberiza pusilla</i>	W	-	0.08	2	0.25	2	0.08	2				
Black-faced Bunting	<i>Emberiza spodocephala</i>	M,W	-	0.83	3	0.50	4	0.17	3	0.38	4		
Total No. of Species Recorded				142		142		148		134		127	
No. of Species of Conservation Importance Recorded				74		79		79		71		68	

Notes:

- Principal status refers to Carey et al. (2001). The Avifauna of Hong Kong. Hong Kong Bird Watching Society. Hong Kong. R=resident; W=winter visitor; Su=summer visitor; M=migrant; Sp=spring; P=present all year, exact composition unknown.

A hyphen indicates that the species has been recorded too infrequently to allow an assessment of its status to be made.

- Conservation and protection status refer to:

- Fellowes et al. (2002). Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. Memoirs of the Hong Kong Natural History Society 25:123-159.: GC = Global Concern; RC=Regional Concern; PGC = Potential Global Concern; PRC = Potential Regional Concern; LC = Least Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
- IUCN (2017). The IUCN Red List of Threatened Species: CR = Critically Endangered; EN = Endangered; VU = Vulnerable; NT = Near Threatened.
- Red List of China's Vertebrates (RLCV, 2016). Red List of China's Vertebrates. Biodiversity Science: 24 (5) 500-551.: CR = Critically Endangered; EN = Endangered; VU = Vulnerable; NT = Near Threatened.
- Ministry of Environmental Protection of the People's Republic of China (CSMPS, 2002). China State Major Protection Status: I = Class I Protected Species; II = Class II Protected Species.
- Cap. 170 = Chapter 170 Wild Animals Protection Ordinance. All wild birds are protected under Cap. 170.
- Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance.

APPENDIX C3-2

WWF Occurrence of Black-faced Spoonbill at Each Pond/Gei Wai in MPNR (2015-2019)

Pond / Gei wai No.		2014-15	2015-16	2016-17	2017-18	2018-19
3	Mean	39.58	14.6	28.60	29.20	23.89
	Max.	245	64	73	127	48
4	Mean	3.67	12.4	4.20	7.20	6.00
	Max.	15	81	37	64	33
6	Mean	4.08	1.2	11.80	14.20	0.00
	Max.	46	5	115	83	0
7	Mean	7.75	1.2	3.70	2.10	0.00
	Max.	35	5	19	13	0
8a	Mean	8.75	0.1	0.00	0.10	0.56
	Max.	81	1	0	1	3
8b	Mean	0	0	0.00	0.40	0.00
	Max.	0	0	0	4	0
9	Mean	0	0	0.00	0.00	0.00
	Max.	0	0	0	0	0
10	Mean	3.58	0	0.00	1.90	13.56
	Max.	38	0	0	19	122
11	Mean	0.42	0	0.00	0.00	1.33
	Max.	3	0	0	0	4
12	Mean	1.83	7.3	0.00	1.00	0.78
	Max.	22	73	0	10	7
13	Mean	0	0	0.00	0.00	0.00
	Max.	0	0	0	0	0
14	Mean	1.5	1.8	1.40	0.00	0.00
	Max.	18	12	14	0	0
15a	Mean	0	0	3.10	0.10	0.00
	Max.	0	0	30	1	0
15b	Mean	0.08	0	0.10	0.00	0.00
	Max.	1	0	1	0	0
15c	Mean	0	0	0.00	0.00	0.00
	Max.	0	0	0	0	0
16/17	Mean	11.25	7.5	13.00	11.40	8.44
	Max.	66	29	47	87	29
16a	Mean	0	0	0.00	0.00	0.00
	Max.	0	0	0	0	0
16b	Mean	0	0	0.00	0.00	0.00
	Max.	0	0	0	0	0
17a	Mean	0	0	0.00	0.00	0.00
	Max.	0	0	0	0	0
17b	Mean	0	0	0.10	0.00	0.00
	Max.	0	0	1	0	0
18	Mean	0	0	0.00	0.00	0.00
	Max.	0	0	0	0	0
19	Mean	0	0	1.50	0.20	0.00
	Max.	0	0	15	2	0
20a	Mean	4.75	0.4	0.00	0.00	0.00
	Max.	23	4	0	0	0
20b	Mean	0	0.1	0.00	0.00	0.00

Pond / Gei wai No.		2014-15	2015-16	2016-17	2017-18	2018-19
	Max.	0	1	0	0	0
20c	Mean	4.83	0	0.00	0.10	0.00
	Max.	50	0	0	1	0
20d	Mean	0.08	0.3	0.00	4.80	0.00
	Max.	1	2	0	29	0
20e	Mean	0	0	0.00	0.00	0.00
	Max.	0	0	0	0	0
20f	Mean	0	0	0.00	0.00	0.00
	Max.	0	0	0	0	0
21	Mean	12.83	6	11.60	2.50	17.00
	Max.	39	28	26	24	37
22	Mean	1.25	1.1	0.00	0.00	5.89
	Max.	5	6	0	0	48
23	Mean	3.08	6.1	4.70	25.40	16.11
	Max.	15	25	42	116	55
24a	Mean	0	0	0.00	0.00	0.00
	Max.	0	0	0	0	0
24b	Mean	0	0	0.00	0.00	0.00
	Max.	0	0	0	0	0
24c	Mean	0	0	0.00	0.00	0.00
	Max.	0	0	0	0	0
24d	Mean	0	0	0.00	0.10	0.00
	Max.	0	0	0	1	0
24e	Mean	0	0	2.20	0.00	0.11
	Max.	0	0	22	0	1
24f	Mean	0.25	0.1	0.60	0.20	15.33
	Max.	1	1	2	1	130
24g	Mean	0.42	0.1	0.50	0.10	0.00
	Max.	3	1	2	1	0
OVERALL	Mean	110	60.3	87.10	101.00	109.00
	Max.	295	206	115	127	130

Note: Top three values of mean and maximum in each year are highlighted.

APPENDIX C3-3

WWF Mean and Maximum Count of Anatid Species at Each Pond/Gei Wai in MPNR (Winter 2019-2020)

Pond / Gei wai No.		Chinese Spot-billed Duck	Common Pochard	Eurasian Teal	Eurasian Wigeon	Garganey	Northern Pintail	Northern Shoveler	Tufted Duck
3	Mean	0.00	0.15	1.46	29.46	0.77	20.46	115.77	23.00
	Max.	0	2	5	100	7	94	308	139
4	Mean	0.00	0.00	0.00	16.08	0.00	7.15	50.15	17.69
	Max.	0	0	0	56	0	73	118	160
6	Mean	0.00	0.00	0.46	13.62	0.38	6.62	55.31	43.85
	Max.	0		3	84	3	40	129	237
7	Mean	0.00	0.00	0.85	4.77	0.00	3.85	16.00	8.23
	Max.	0	0	8	62	0	22	59	51
8a	Mean	0.00	0.00	0.00	0.00	0.54	0.46	16.00	11.31
	Max.	0	0	0	0	5	3	94	87
8b	Mean	0.00	0.00	2.54	18.31	0.00	2.85	32.00	33.08
	Max.	0	0	26	151	0	13	130	157
9	Mean	0.00	0.00	0.00	0.00	1.00	0.00	1.92	0.00
	Max.	0	0	0	0	13	0	25	0
10	Mean	0.00	0.00	0.00	0.08	0.15	0.00	4.92	2.77
	Max.	0	0	0	1	2	0	34	18
11	Mean	0.00	0.00	0.62	6.54	0.08	0.92	20.77	22.85
	Max.	0	0	5	34	1	6	95	128
12	Mean	0.00	0.00	0.00	0.08	0.00	0.00	0.69	12.77
	Max.	0	0	0	1	0	0	4	48
13	Mean	0.00	0.00	0.00	0.00	0.00	0.00	1.38	0.23
	Max.	0	0	0	0	0	0	6	3
14	Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.38
	Max.	0	0	0	0	0	0	6	3
15a	Mean	0.00	0.00	0.46	0.00	0.08	0.00	4.08	11.31
	Max.	0	0	6	0	1	0	26	75
15b	Mean	0.00	0.00	0.00	0.00	0.00	0.00	3.08	4.62
	Max.	0	0	0	0	0	0	23	47
15c	Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.23
	Max.	0	0	0	0	0	0	0	37
16/17	Mean	0.08	0.00	21.00	5.69	0.54	1.77	85.23	0.62
	Max.	1	0	83	38	6	18	236	5
16a	Mean	0.00	0.00	0.00	0.00	0.00	22.31	0.69	0.00
	Max.	0	0	0	0	0	290	5	0
16b	Mean	0.00	0.00	0.00	0.00	0.00	0.00	4.15	0.00
	Max.	0	0	0	0	0	0	23	0
18	Mean	0.00	0.00	0.00	0.00	0.00	0.08	7.69	0.00
	Max.	0	0	0	0	0	1	35	0
19	Mean	0.00	0.00	0.00	0.00	0.00	0.54	4.38	18.08
	Max.	0	0	0	0	0	4	15	118
20a	Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.62
	Max.	0	0	0	0	0	0	0	100
20b	Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.46
	Max.	0	0	0	0	0	0	0	41
20c	Mean	0.00	0.00	0.00	0.00	0.00	0.46	0.38	23.62
	Max.	0	0	0	0	0	6	5	144
20d	Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.92
	Max.	0	0	0	0	0	0	0	154
21	Mean	0.00	0.00	1.46	27.31	3.15	3.77	47.23	28.92
	Max.	0	0	13	217	26	47	223	364
22a	Mean	0.00	0.00	2.00	1.31	0.00	0.77	28.23	0.54
	Max.	0	0	17	14	0	7	201	5
22b	Mean	0.00	0.00	0.92	0.62	0.00	0.23	11.08	1.00
	Max.	0	0	12	7	0	2	104	12

Pond / Gei wai No.		Chinese Spot-billed Duck	Common Pochard	Eurasian Teal	Eurasian Wigeon	Garganey	Northern Pintail	Northern Shoveler	Tufted Duck
23a	Mean	0.00	0.00	0.00	17.31	0.00	2.08	11.08	2.08
	Max.	0	0	0	130	0	21	40	27
24d	Mean	0.15	0.00	0.00	0.00	0.00	0.00	0.31	0.00
	Max.	2	0	0	0.00	0	0	4	0
24f	Mean	0.46	0.00	0.00	0.54	0.00	0.00	5.38	0.00
	Max.	2	0	0	7	0	0	63	0
24g	Mean	1.08	0.00	0.00	1.23	0.00	0.00	1.62	0.00
	Max.	11	0	0	16	0	0	13	0
OVERALL	Mean	1.77	0.15	31.77	142.92	6.69	74.31	535.54	308.15
	Max.	11	2	83	217	26	290	308	364

Note: Top three values of mean and maximum of each species are highlighted.

APPENDIX C3-4

WWF Mean and Maximum Count of Avifauna Species at Each Pond/Gei Wai in MPNR (2017)

Common Name	Scientific Name	Conservation / Protection Status#	Pond/Gei Wai Nos. 1 to 14 – Showing Mean (and Maximum) Count															
			1	2	3	4	5	6	7	8a	8b	9	10	11	12	13	14	
Tundra Bean Goose	<i>Anser serrirostris</i>	-																
Greater White-fronted Goose	<i>Anser albifrons</i>	CSMPS(II)											0.13 (3)					
Eurasian Wigeon	<i>Anas penelope</i>	RC	0.17 (4)		0.78 (14)	5.78 (73)			6.48 (68)	0.48 (9)	1 (17)	0.17 (2)		4.13 (60)				
Mallard	<i>Anas platyrhynchos</i>	RC																
Chinese Spot-billed Duck	<i>Anas zonorhyncha</i>	-											0.13 (3)					
Northern Shoveler	<i>Anas clypeata</i>	RC	0.09 (2)		23.22 (190)	29.91 (327)			15.57 (187)	1.09 (10)	3.57 (61)	1.09 (8)		0.39 (9)	5.3 (34)	0.78 (10)	0.83 (7)	1.17 (19)
Northern Pintail	<i>Anas acuta</i>	RC			28.78 (387)	3.35 (72)			3.91 (64)	0.91 (9)	0.17 (3)	0.43 (5)			0.57 (12)			
Garganey	<i>Anas querquedula</i>	-							0.26 (5)			0.17 (2)			0.43 (5)			
Eurasian Teal	<i>Anas crecca</i>	RC			1.13 (12)						0.35 (5)	1 (19)						
Tufted Duck	<i>Aythya fuligula</i>	LC	0.13 (3)		3.43 (48)	5.17 (75)			11.61 (233)	0.91 (10)		5 (40)			12.43 (133)	1.52 (28)	1.09 (16)	2.26 (28)
Little Grebe	<i>Tachybaptus ruficollis</i>	LC	0.7 (3)	0.17 (2)	2.78 (11)	1.3 (6)	0.26 (3)	0.83 (6)	0.52 (3)	0.96 (5)	0.65 (5)	0.04 (1)	0.74 (5)	0.52 (3)	0.26 (2)	0.52 (3)	0.43 (4)	
Eurasian Spoonbill	<i>Platalea leucorodia</i>	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586			0.09 (2)													
Black-faced Spoonbill	<i>Platalea minor</i>	PGC; RLCV(EN); IUCN(EN); CSMPS(II)		0.48 (11)	7 (156)	0.17 (3)			0.43 (10)	1.04 (23)				4.17 (96)			0.13 (3)	
Yellow Bittern	<i>Ixobrychus sinensis</i>	(LC)			0.17 (3)	0.04 (1)						0.09 (1)						
Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>	LC																
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	(LC)		0.04 (1)	5.09 (27)	3.3 (21)			0.65 (11)	0.74 (4)	0.04 (1)	0.3 (4)		0.26 (3)	0.22 (2)		0.78 (7)	0.43 (7)
Striated Heron	<i>Butorides striata</i>	(LC)	0.26 (6)		0.3 (3)				0.09 (2)	0.17 (3)	0.04 (1)			0.04 (1)	0.09 (1)		0.17 (1)	0.09 (1)
Chinese Pond Heron	<i>Ardeola bacchus</i>	PRC (RC)	0.22 (2)		2.3 (24)	0.57 (2)	0.04 (1)	1.26 (16)	1 (5)	0.87 (6)	0.96 (9)		0.65 (4)	0.3 (2)	0.39 (2)	0.74 (11)	0.39 (3)	
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	(LC)							0.09 (1)	0.04 (1)	0.17 (2)							
Grey Heron	<i>Ardea cinerea</i>	PRC	0.22 (5)	0.04 (1)	4.74 (17)	2.13 (8)	0.26 (5)	2.13 (10)	3.7 (34)	0.39 (4)	0.83 (4)		1 (13)	1.57 (27)	0.13 (1)	1.26 (16)	0.22 (1)	
Purple Heron	<i>Ardea purpurea</i>	RC			0.13 (1)				0.17 (1)	0.04 (1)	0.43 (3)		0.04 (1)		0.04 (1)			
Great Egret	<i>Ardea alba</i>	PRC (RC)	5.3 (115)	1.22 (20)	25.17 (254)	6.52 (45)	1.65 (35)	10.04 (190)	4.22 (30)	0.61 (3)	1.13 (7)		1.04 (12)	3.39 (60)	0.22 (2)	2.3 (17)	0.7 (5)	

Common Name	Scientific Name	Conservation / Protection Status#	Pond/Gei Wai Nos. 1 to 14 – Showing Mean (and Maximum) Count														
			1	2	3	4	5	6	7	8a	8b	9	10	11	12	13	14
Intermediate Egret	<i>Egretta intermedia</i>	RC			0.13 (3)					0.04 (1)	0.09 (1)						
Little Egret	<i>Egretta garzetta</i>	PRC (RC)	8 (175)	2.83 (60)	31.74 (591)	2.52 (35)		7.74 (148)	2.35 (27)	14.87 (132)	0.87 (9)	15 (115)	9.43 (82)		0.65 (4)	0.61 (5)	
Great Cormorant	<i>Phalacrocorax carbo</i>	PRC			3.83 (32)	20.09 (126)		28.48 (570)	25.83 (570)	1.57 (11)	1.3 (9)	42.22 (199)	5.13 (50)	30.26 (693)	1.35 (17)	0.22 (2)	
Western Osprey	<i>Pandion haliaetus</i>	RC; RLCV(NT); CITES(II); CSMPS(II); Cap.586			0.04 (1)	0.22 (1)					0.13 (1)						
Greater Spotted Eagle	<i>Clanga clanga</i>	GC; RLCV(EN); IUCN(VU); CITES(II); CSMPS(II); Cap.586						0.04 (1)									
Eastern Imperial Eagle	<i>Aquila heliaca</i>	GC; RLCV(EN); IUCN(VU); CITES(II); CSMPS(I); Cap.586															
Crested Goshawk	<i>Accipiter trivirgatus</i>	RLCV(NT); CITES(II); CSMPS(II); Cap.586															
Japanese Sparrowhawk	<i>Accipiter gularis</i>	CSMPS(II); CITES(II); Cap.586															
Besra	<i>Accipiter virgatus</i>	-			0.04 (1)										0.04 (1)		
Eastern Marsh Harrier	<i>Circus spilonotus</i>	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586				0.04 (1)											
Black Kite	<i>Milvus migrans</i>	(RC); CITES(II); CSMPS(II); Cap.586				0.04 (1)					0.04 (1)	0.09 (1)		0.09 (2)	0.09 (2)	0.04 (1)	
Eastern Buzzard	<i>Buteo japonicus</i>	CSMPS(II); CITES(II); Cap.586			0.04 (1)	0.04 (1)						0.09 (1)					
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	-	0.13 (1)	0.13 (1)	1.17 (10)	0.43 (2)	0.04 (1)	0.43 (5)	0.22 (2)	0.09 (1)	0.43 (2)	0.04 (1)	0.22 (2)	0.43 (3)	0.09 (1)	0.13 (1)	0.26 (2)
Watercock	<i>Gallicrex cinerea</i>	RC															
Common Moorhen	<i>Gallinula chloropus</i>	-			0.87 (5)	0.22 (3)		0.26 (4)	0.09 (1)	0.17 (2)	0.22 (3)	0.09 (1)	0.26 (3)	0.04 (1)	0.04 (1)	0.17 (2)	
Eurasian Coot	<i>Fulica atra</i>	RC			0.13 (2)								0.39 (4)				
Siberian Crane	<i>Grus leucogeranus</i>	RLCV(CR); IUCN(CR); CITES(I); CSMPS(I); Cap.586															
Black-winged Stilt	<i>Himantopus himantopus</i>	RC	0.74 (7)	0.78 (9)	0.09 (2)		0.91 (11)	0.3 (7)		0.13 (2)			1 (14)		0.04 (1)		
Pied Avocet	<i>Recurvirostra avosetta</i>	RC	0.04 (1)	0.09 (2)					0.13 (3)	0.09 (2)			1.61 (37)				
Grey-headed Lapwing	<i>Vanellus cinereus</i>	LC															

Common Name	Scientific Name	Conservation / Protection Status#	Pond/Gei Wai Nos. 1 to 14 – Showing Mean (and Maximum) Count														
			1	2	3	4	5	6	7	8a	8b	9	10	11	12	13	14
Pacific Golden Plover	<i>Pluvialis fulva</i>	LC		0.3 (7)			0.09 (2)										
Grey Plover	<i>Pluvialis squatarola</i>	RC															
Little Ringed Plover	<i>Charadrius dubius</i>	(LC)											0.22 (3)				
Kentish Plover	<i>Charadrius alexandrinus</i>	RC															
Lesser Sand Plover	<i>Charadrius mongolus</i>	LC											0.04 (1)				
Greater Sand Plover	<i>Charadrius leschenaultii</i>	RC	1.35 (31)														
Greater Painted-snipe	<i>Rostratula benghalensis</i>	LC															
Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	LC; RLCV(NT)															
Pintail/Swinhoe's Snipe	<i>Gallinago stenura/Gallinago megala</i>	LC for Swinhoe's Snipe															
Common Snipe	<i>Gallinago gallinago</i>	-									0.09 (2)						
Asian Dowitcher	<i>Limnodromus semipalmatus</i>	RC; RLCV(NT); IUCN(NT)											0.04 (1)				
Black-tailed Godwit	<i>Limosa limosa</i>	RC; IUCN(NT)											0.22 (3)				
Bar-tailed Godwit	<i>Limosa lapponica</i>	LC; RLCV(NT); IUCN(NT)															
Whimbrel	<i>Numenius phaeopus</i>	LC											0.17 (2)				
Eurasian Curlew	<i>Numenius arquata</i>	RC; RLCV(NT); IUCN(NT)							2.35 (54)				8.26 (96)				
Far Eastern Curlew	<i>Numenius madagascariensis</i>	LC; RLCV(VU); IUCN(EN)											0.04 (1)				
Spotted Redshank	<i>Tringa erythropus</i>	RC											0.35 (6)				
Common Redshank	<i>Tringa totanus</i>	RC						0.74 (17)		0.17 (4)	6.43 (110)		19.39 (243)				
Marsh Sandpiper	<i>Tringa stagnatilis</i>	RC						11.52 (262)	1.09 (25)	0.22 (5)	2.09 (44)		43.39 (705)				
Common Greenshank	<i>Tringa nebularia</i>	RC	0.04 (1)	0.26 (4)	0.09 (1)			2.22 (25)		3.61 (64)	1.57 (23)		31.57 (268)				
Green sandpiper	<i>Tringa ochropus</i>	-											0.13 (3)				

Common Name	Scientific Name	Conservation / Protection Status#	Pond/Gei Wai Nos. 1 to 14 – Showing Mean (and Maximum) Count														
			1	2	3	4	5	6	7	8a	8b	9	10	11	12	13	14
Wood Sandpiper	<i>Tringa glareola</i>	LC															
Terek Sandpiper	<i>Xenus cinereus</i>	RC															
Common Sandpiper	<i>Actitis hypoleucos</i>	-							0.04 (1)					0.04 (1)	0.04 (1)	0.09 (1)	
Red-necked Stint	<i>Calidris ruficollis</i>	LC; IUCN(NT)															
Curlew Sandpiper	<i>Calidris ferruginea</i>	RC; IUCN(NT)															
Dunlin	<i>Calidris alpina</i>	RC															
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	PRC															
Heuglin's Gull	<i>Larus fuscus</i>	LC															
Caspian Tern	<i>Hydroprogne caspia</i>	RC															
Whiskered Tern	<i>Chlidonias hybrida</i>	-															
White-winged Tern	<i>Chlidonias leucopterus</i>	-															
Domestic Pigeon	<i>Columba livia</i>	-															
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	-										0.04 (1)				0.04 (1)	
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	-			0.13 (1)				0.04 (1)								0.04 (1)
Red Turtle Dove	<i>Streptopelia tranquebarica</i>	-															
Spotted Dove	<i>Spilopelia chinensis</i>	-			0.7 (5)	0.52 (3)	0.04 (1)	0.35 (2)	0.48 (2)	0.43 (3)	0.17 (2)	0.04 (1)	0.48 (3)	0.61 (4)	0.3 (2)	0.17 (1)	0.91 (3)
Greater Coucal	<i>Centropus sinensis</i>	CSMPS(II)	0.09 (2)		0.65 (3)	0.09 (1)		0.26 (2)	0.35 (2)	0.13 (1)	0.26 (2)	0.17 (1)	0.26 (1)	0.3 (2)	0.13 (1)	0.26 (3)	0.17 (3)
Chestnut-winged Cuckoo	<i>Clamator coromandus</i>	-															
Asian Koel	<i>Eudynamis scolopaceus</i>	-			0.52 (4)	0.04 (1)	0.04 (1)		0.22 (2)		0.13 (1)	0.04 (1)	0.17 (2)	0.17 (1)	0.22 (2)	0.3 (4)	
Plaintive Cuckoo	<i>Cacomantis merulinus</i>	-															
Large Hawk Cuckoo	<i>Hierococcyx sparverioides</i>	-															
Indian Cuckoo	<i>Cuculus micropterus</i>	-			0.04 (1)												
Asian Barred Owlet	<i>Glaucidium cuculoides</i>	CITES(II); CSMPS(II); Cap.586															
House Swift	<i>Apus nipalensis</i>	-															

Common Name	Scientific Name	Conservation / Protection Status#	Pond/Gei Wai Nos. 1 to 14 – Showing Mean (and Maximum) Count															
			1	2	3	4	5	6	7	8a	8b	9	10	11	12	13	14	
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	(LC)			0.09 (1)			0.17 (1)		0.04 (1)	0.09 (1)		0.09 (1)	0.13 (1)	0.04 (1)		0.04 (1)	
Common Kingfisher	<i>Alcedo atthis</i>	-	0.04 (1)	0.09 (1)	0.43 (2)	0.22 (4)				0.09 (1)	0.09 (1)	0.04 (1)			0.35 (2)	0.04 (1)	0.09 (1)	
Pied Kingfisher	<i>Ceryle rudis</i>	(LC)			0.09 (1)	0.17 (2)					0.3 (3)						0.09 (2)	
Peregrine Falcon	<i>Falco peregrinus</i>	(LC); RLCV(NT); CITES(I); CSMPS(II); Cap.586																
Long-tailed Shrike	<i>Lanius schach</i>	-	0.04 (1)		0.13 (1)	0.04 (1)			0.13 (2)	0.04 (1)			0.04 (1)	0.04 (1)	0.09 (1)	0.04 (1)		
Black Drongo	<i>Dicrurus macrocercus</i>	-								0.09 (1)				0.26 (3)		0.13 (2)	0.09 (1)	
Hair-crested Drongo	<i>Dicrurus hottentottus</i>	-																
Azure-winged Magpie	<i>Cyanopica cyanus</i>	-			0.43 (3)	0.13 (2)			0.13 (2)	0.04 (1)				0.26 (5)				
Red-billed Blue Magpie	<i>Urocissa erythrorhyncha</i>	-				0.22 (5)											0.13 (3)	
Eurasian Magpie	<i>Pica pica</i>	-			0.13 (3)	0.13 (2)	0.09 (2)			0.09 (1)	0.04 (1)	0.04 (1)		0.09 (2)	0.04 (1)	0.04 (1)	0.43 (2)	0.09 (2)
Collared Crow	<i>Corvus torquatus</i>	LC; RLCV(NT); IUCN(NT)				0.35 (4)			0.09 (1)	0.09 (2)	0.04 (1)		0.04 (1)	0.17 (1)	0.13 (2)	0.04 (1)	0.3 (4)	0.48 (7)
Large-billed Crow	<i>Corvus macrorhynchos</i>	-														0.26 (5)	0.22 (2)	0.04 (1)
Cinereous Tit	<i>Parus cinereus</i>	-			0.04 (1)	0.04 (1)			0.3 (2)	0.26 (3)	0.17 (2)	0.13 (1)		0.13 (1)	0.3 (2)	0.04 (1)	0.17 (1)	0.17 (2)
Chinese Penduline Tit	<i>Remiz consobrinus</i>	RC											0.04 (1)					
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	-			0.74 (10)	0.17 (2)			0.13 (3)	0.04 (1)	0.35 (3)	0.43 (10)	0.48 (9)	0.17 (3)			0.09 (1)	0.35 (5)
Chinese Bulbul	<i>Pycnonotus sinensis</i>	-			2.13 (13)	2.74 (23)			0.35 (3)	3.52 (28)	1.35 (10)	1.52 (16)	0.83 (10)	1.61 (15)	1.04 (9)	1.35 (13)	1.04 (6)	2.87 (24)
Barn Swallow	<i>Hirundo rustica</i>	-			0.52 (10)						0.04 (1)		0.04 (1)					
Manchurian Bush Warbler	<i>Horornis borealis</i>	-			0.04 (1)	0.04 (1)												
Dusky Warbler	<i>Phylloscopus fuscatus</i>	-	0.04 (1)		1.04 (6)	0.09 (1)			0.09 (2)	0.35 (2)	0.04 (1)	0.13 (1)	0.3 (5)	0.04 (1)	0.04 (1)	0.04 (1)	0.22 (2)	0.3 (2)
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	-							0.04 (1)									
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	-			0.13 (1)	0.04 (1)				0.22 (3)	0.3 (3)	0.17 (2)	0.13 (1)	0.17 (2)	0.17 (2)	0.17 (1)	0.04 (1)	0.04 (1)

Common Name	Scientific Name	Conservation / Protection Status#	Pond/Gei Wai Nos. 1 to 14 – Showing Mean (and Maximum) Count														
			1	2	3	4	5	6	7	8a	8b	9	10	11	12	13	14
Eastern crowned Warbler	<i>Phylloscopus coronatus</i>	-															
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	-									0.04 (1)	0.04 (1)	0.17 (2)	0.04 (1)			0.09 (1)
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	-			0.04 (1)												
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	-	0.04 (1)	0.17 (3)	1.65 (6)	0.65 (3)	0.04 (1)	0.43 (2)	0.48 (3)	0.35 (3)	1.09 (6)	0.74 (4)	0.74 (5)	0.43 (3)	0.26 (4)	0.22 (2)	0.52 (4)
Plain Prinia	<i>Prinia inornata</i>	-	0.04 (1)		0.3 (2)		0.04 (1)	0.04 (1)	0.13 (2)		0.43 (3)	0.04 (1)	0.3 (2)	0.17 (2)		0.09 (1)	0.13 (1)
Common Tailorbird	<i>Orthotomus sutorius</i>	-			0.13 (2)	0.17 (2)		0.17 (1)	0.04 (1)	0.13 (1)				0.04 (1)	0.04 (1)	0.09 (1)	
Chinese Hwamei	<i>Garrulax canorus</i>	RLCV(NT); CITES(II); Cap.586														0.09 (2)	
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	-	0.13 (3)	0.04 (1)	1.91 (12)	0.39 (5)		0.87 (5)	0.83 (5)	0.35 (3)	0.13 (2)	0.09 (2)	0.22 (4)	0.48 (7)	0.43 (4)	0.83 (9)	0.61 (5)
Japanese White-eye	<i>Zosterops japonicus</i>	-			0.87 (5)	0.17 (3)		0.52 (11)	0.22 (3)	0.22 (3)		0.09 (2)	0.09 (2)	0.13 (3)	0.26 (6)	0.48 (3)	1.43 (15)
Crested Myna	<i>Acridotheres cristatellus</i>	-		0.04 (1)	0.3 (3)	0.65 (5)		0.13 (3)			0.13 (1)		1.09 (8)		2.13 (45)	0.61 (5)	0.65 (6)
Common Myna	<i>Acridotheres tristis</i>	-			0.04 (1)	0.04 (1)											
Red-billed Starling	<i>Spodiopsar sericeus</i>	GC			1.7 (38)				0.87 (16)			0.22 (5)					0.09 (1)
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	PRC											0.04 (1)				
Black-collared Starling	<i>Gracupica nigricollis</i>	-	0.04 (1)		1.35 (6)	0.48 (5)		0.26 (2)	0.7 (8)	0.04 (1)	2.48 (48)		0.17 (2)	0.96 (10)	0.35 (4)	0.57 (8)	0.43 (3)
White-shouldered Starling	<i>Sturnia sinensis</i>	(LC)			0.13 (3)	0.04 (1)			0.17 (2)	0.09 (2)			0.04 (1)		0.04 (1)		
Common Starling	<i>Sturnus vulgaris</i>	LC															
Grey-backed Thrush	<i>Turdus hortulorum</i>	-															
Chinese Blackbird	<i>Turdus mandarinus</i>	-						0.09 (2)									
Oriental Magpie Robin	<i>Copsychus saularis</i>	-			0.57 (5)	0.09 (1)		0.04 (1)		0.22 (2)	0.13 (1)		0.22 (1)	0.04 (1)	0.09 (1)	0.13 (1)	0.04 (1)
Grey-streaked Flycatcher	<i>Muscicapa griseisticta</i>	-															
Asian Brown Flycatcher	<i>Muscicapa latirostris</i>	-														0.04 (1)	0.09 (1)
Siberian Rubythroat	<i>Calliope calliope</i>	-															

Common Name	Scientific Name	Conservation / Protection Status#	Pond/Gei Wai Nos. 1 to 14 – Showing Mean (and Maximum) Count															
			1	2	3	4	5	6	7	8a	8b	9	10	11	12	13	14	
Blue whistling Thrush	<i>Myophonus caeruleus</i>	-																
Daurian Redstart	<i>Phoenicurus auroreus</i>	-			0.04 (1)				0.09 (1)	0.09 (1)	0.04 (1)		0.04 (1)		0.04 (1)		0.17 (2)	
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	-									0.04 (1)							
Scarlet-backed flowerpecker	<i>Dicaeum cruentatum</i>	-									0.17 (4)							
Eurasian Tree Sparrow	<i>Passer montanus</i>	-			1.04 (6)	0.87 (7)												
Scaly-breasted Munia	<i>Lonchura punctulata</i>	-			0.13 (2)	0.09 (2)			0.52 (5)	0.26 (3)	0.13 (3)	0.22 (3)	0.48 (6)	0.57 (13)		1.91 (36)	0.35 (6)	
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	-		0.04 (1)														
White Wagtail	<i>Motacilla alba</i>	-		0.09 (2)	0.04 (1)	0.04 (1)	0.04 (1)			0.09 (2)	0.04 (1)	0.09 (2)		0.39 (3)		0.09 (2)	0.09 (1)	
Richard's Pipit	<i>Anthus richardi</i>	-																
Olive-backed Pipit	<i>Anthus hodgsoni</i>	-									0.04 (1)			0.17 (4)				
Chinese Grosbeak	<i>Eophona migratoria</i>	LC																
Chestnut-eared Bunting	<i>Emberiza fucata</i>	LC																
Little Bunting	<i>Emberiza pusilla</i>	-										0.09 (2)						
Black-faced Bunting	<i>Emberiza spodocephala</i>	-										0.04 (1)	0.13 (3)					
Black Swan	<i>Cygnus atratus</i>	-												0.09 (1)				
Great Myna	<i>Acridotheres grandis</i>	-								0.04 (1)								
Total No. of Species			22	17	60	47	13	46	47	47	47	45	21	43	57	35	45	38
No. of Species of Conservation Importance			14	10	28	21	6	22	23	24	22	5	18	30	13	17	15	

Common Name	Scientific Name	Conservation / Protection Status [#]	Pond/Gei Wai Nos. 15a to 20e – Showing Mean (and Maximum) Count														
			15a	15b	15c	16a	16b	16/ 17	17a	17b	18	19	20a	20b	20c	20d	20e
Tundra Bean Goose	<i>Anser serrirostris</i>	-						0.22 (3)									
Greater White-fronted Goose	<i>Anser albifrons</i>	CSMPS(II)						0.13 (3)									
Eurasian Wigeon	<i>Anas penelope</i>	RC	2.26 (30)	1.78 (31)				1.39 (9)					1.39 (21)				
Mallard	<i>Anas platyrhynchos</i>	RC															
Chinese Spot-billed Duck	<i>Anas zonorhyncha</i>	-								0.35 (5)							
Northern Shoveler	<i>Anas clypeata</i>	RC				0.09 (2)		39.57 (221)			0.17 (4)	0.09 (2)	1.3 (22)			1.04 (24)	
Northern Pintail	<i>Anas acuta</i>	RC						2.65 (36)									
Garganey	<i>Anas querquedula</i>	-				0.26 (6)				0.13 (3)	0.09 (2)		0.39 (9)				
Eurasian Teal	<i>Anas crecca</i>	RC						36.91 (673)									
Tufted Duck	<i>Aythya fuligula</i>	LC								0.09 (1)	1.61 (17)	0.57 (6)	0.48 (11)				
Little Grebe	<i>Tachybaptus ruficollis</i>	LC	0.83 (2)	0.26 (2)	0.39 (2)		0.26 (3)	0.3 (4)		0.17 (1)	0.52 (2)	0.26 (2)	0.17 (2)				
Eurasian Spoonbill	<i>Platalea leucorodia</i>	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586															
Black-faced Spoonbill	<i>Platalea minor</i>	PGC; RLCV(EN); IUCN(EN); CSMPS(II)	0.09 (1)	0.52 (11)				8.61 (112)			0.13 (3)	0.04 (1)					
Yellow Bittern	<i>Ixobrychus sinensis</i>	(LC)					0.04 (1)				0.09 (1)		0.04 (1)				
Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>	LC										0.04 (1)					
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	(LC)	0.3 (2)		0.3 (3)					0.13 (2)	0.09 (2)	0.52 (4)	0.04 (1)				
Striated Heron	<i>Butorides striata</i>	(LC)			0.04 (1)						0.04 (1)	0.3 (2)					
Chinese Pond Heron	<i>Ardeola bacchus</i>	PRC (RC)	1.04 (8)	0.26 (2)	0.43 (2)	0.04 (1)	0.13 (2)	0.78 (12)		0.09 (2)	0.17 (1)	0.13 (1)	0.04 (1)				
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	(LC)	0.3 (5)					0.48 (10)			0.04 (1)						
Grey Heron	<i>Ardea cinerea</i>	PRC	0.78 (5)	0.78 (9)	0.35 (2)	0.09 (2)	0.09 (1)	4.35 (43)		0.35 (4)	0.17 (1)	1.17 (10)	0.39 (3)	0.13 (1)		0.74 (8)	0.04 (1)
Purple Heron	<i>Ardea purpurea</i>	RC	0.13 (1)	0.04 (1)		0.04 (1)	0.04 (1)			0.04 (1)	0.09 (1)	0.09 (1)		0.04 (1)	0.04 (1)		

Common Name	Scientific Name	Conservation / Protection Status [#]	Pond/Gei Wai Nos. 15a to 20e – Showing Mean (and Maximum) Count													
			15a	15b	15c	16a	16b	16/ 17	17a	17b	18	19	20a	20b	20c	20d
Great Egret	<i>Ardea alba</i>	PRC (RC)	0.87 (14)	1 (16)	1.43 (19)	0.52 (5)	0.43 (4)	7.13 (64)		0.17 (1)	0.09 (1)	0.83 (5)	0.09 (1)	0.04 (1)		0.04 (1)
Intermediate Egret	<i>Egretta intermedia</i>	RC				0.17 (1)		0.43 (2)		0.04 (1)		0.04 (1)	0.04 (1)			
Little Egret	<i>Egretta garzetta</i>	PRC (RC)	4.48 (27)	1.17 (10)	0.87 (8)	0.04 (1)	0.39 (2)	7.96 (105)		0.3 (2)	0.22 (2)	0.48 (2)	0.17 (2)	0.13 (2)		0.04 (1)
Great Cormorant	<i>Phalacrocorax carbo</i>	PRC	6.61 (39)	57.96 (282)	91.61 (416)	0.04 (1)	0.09 (2)	3.26 (69)			0.09 (1)	18.48 (84)		0.04 (1)		11.52 (250)
Western Osprey	<i>Pandion haliaetus</i>	RC; RLCV(NT); CITES(II); CSMPS(II); Cap.586										0.04 (1)				0.09 (1)
Greater Spotted Eagle	<i>Clanga clanga</i>	GC; RLCV(EN); IUCN(VU); CITES(II); CSMPS(II); Cap.586														
Eastern Imperial Eagle	<i>Aquila heliaca</i>	GC; RLCV(EN); IUCN(VU); CITES(II); CSMPS(I); Cap.586														
Crested Goshawk	<i>Accipiter trivirgatus</i>	RLCV(NT); CITES(II); CSMPS(II); Cap.586														
Japanese Sparrowhawk	<i>Accipiter gularis</i>	CSMPS(II); CITES(II); Cap.586														
Besra	<i>Accipiter virgatus</i>	-														
Eastern Marsh Harrier	<i>Circus spilonotus</i>	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586						0.09 (1)								
Black Kite	<i>Milvus migrans</i>	(RC); CITES(II); CSMPS(II); Cap.586		0.13 (1)				0.13 (2)				0.22 (3)	0.04 (1)	0.04 (1)		0.09 (2)
Eastern Buzzard	<i>Buteo japonicus</i>	CSMPS(II); CITES(II); Cap.586										0.04 (1)				
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	-	0.04 (1)	0.04 (1)	0.17 (2)	0.09 (1)	0.04 (1)	0.17 (1)	0.09 (2)		0.17 (1)	0.26 (3)	0.09 (2)	0.13 (1)		
Watercock	<i>Gallicrex cinerea</i>	RC														
Common Moorhen	<i>Gallinula chloropus</i>	-	0.13 (3)	0.17 (2)	0.04 (1)	0.04 (1)	0.04 (1)	0.61 (12)			0.17 (3)	0.13 (1)				
Eurasian Coot	<i>Fulica atra</i>	RC	0.48 (4)	0.04 (1)												
Siberian Crane	<i>Grus leucogeranus</i>	RLCV(CR); IUCN(CR); CITES(I); CSMPS(I); Cap.586						0.22 (1)								
Black-winged Stilt	<i>Himantopus himantopus</i>	RC		0.83 (6)				2.57 (31)								

Common Name	Scientific Name	Conservation / Protection Status [#]	Pond/Gei Wai Nos. 15a to 20e – Showing Mean (and Maximum) Count													
			15a	15b	15c	16a	16b	16/ 17	17a	17b	18	19	20a	20b	20c	20d
Pied Avocet	<i>Recurvirostra avosetta</i>	RC						125.4 8 (1033)								
Grey-headed Lapwing	<i>Vanellus cinereus</i>	LC						0.04 (1)								
Pacific Golden Plover	<i>Pluvialis fulva</i>	LC						0.09 (2)								
Grey Plover	<i>Pluvialis squatarola</i>	RC						0.22 (5)								
Little Ringed Plover	<i>Charadrius dubius</i>	(LC)				0.17 (3)		0.09 (1)								
Kentish Plover	<i>Charadrius alexandrinus</i>	RC						0.09 (1)								
Lesser Sand Plover	<i>Charadrius mongolus</i>	LC														
Greater Sand Plover	<i>Charadrius leschenaultii</i>	RC														
Greater Painted-snipe	<i>Rostratula benghalensis</i>	LC						0.04 (1)								
Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	LC; RLCV(NT)														
Pintail/Swinhoe's Snipe	<i>Gallinago stenura/Gallinago megala</i>	LC for Swinhoe's Snipe														
Common Snipe	<i>Gallinago gallinago</i>	-						0.09 (2)								
Asian Dowitcher	<i>Limnodromus semipalmatus</i>	RC; RLCV(NT); IUCN(NT)						0.04 (1)								
Black-tailed Godwit	<i>Limosa limosa</i>	RC; IUCN(NT)						0.61 (12)								
Bar-tailed Godwit	<i>Limosa lapponica</i>	LC; RLCV(NT); IUCN(NT)														
Whimbrel	<i>Numenius phaeopus</i>	LC														
Eurasian Curlew	<i>Numenius arquata</i>	RC; RLCV(NT); IUCN(NT)						0.3 (6)								
Far Eastern Curlew	<i>Numenius madagascariensis</i>	LC; RLCV(VU); IUCN(EN)														
Spotted Redshank	<i>Tringa erythropus</i>	RC						0.39 (6)								
Common Redshank	<i>Tringa totanus</i>	RC						5.91 (56)								
Marsh Sandpiper	<i>Tringa stagnatilis</i>	RC						21.17 (369)								

Common Name	Scientific Name	Conservation / Protection Status [#]	Pond/Gei Wai Nos. 15a to 20e – Showing Mean (and Maximum) Count													
			15a	15b	15c	16a	16b	16/ 17	17a	17b	18	19	20a	20b	20c	20d
Common Greenshank	<i>Tringa nebularia</i>	RC				0.09 (1)		7.61 (69)								
Green sandpiper	<i>Tringa ochropus</i>	-				0.13 (3)										
Wood Sandpiper	<i>Tringa glareola</i>	LC		0.04 (1)		0.04 (1)		0.57 (13)								
Terek Sandpiper	<i>Xenus cinereus</i>	RC														
Common Sandpiper	<i>Actitis hypoleucos</i>	-					0.04 (1)	0.13 (2)								
Red-necked Stint	<i>Calidris ruficollis</i>	LC; IUCN(NT)						2.3 (51)								
Curlew Sandpiper	<i>Calidris ferruginea</i>	RC; IUCN(NT)						0.09 (2)								
Dunlin	<i>Calidris alpina</i>	RC						0.39 (9)								
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	PRC														
Heuglin's Gull	<i>Larus fuscus</i>	LC						0.04 (1)								
Caspian Tern	<i>Hydroprogne caspia</i>	RC														
Whiskered Tern	<i>Chlidonias hybrida</i>	-														
White-winged Tern	<i>Chlidonias leucopterus</i>	-														
Domestic Pigeon	<i>Columba livia</i>	-		0.04 (1)			0.04 (1)									
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	-						0.13 (2)		0.04 (1)	0.04 (1)			0.04 (1)		
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	-														
Red Turtle Dove	<i>Streptopelia tranquebarica</i>	-														
Spotted Dove	<i>Spilopelia chinensis</i>	-	0.7 (16)	1 (11)	0.65 (4)	0.04 (1)	0.22 (2)	0.74 (3)	0.04 (1)	0.04 (1)	0.35 (3)	0.57 (4)	0.17 (1)	0.04 (1)		
Greater Coucal	<i>Centropus sinensis</i>	CSMPS(II)	0.17 (2)	0.04 (1)	0.13 (1)	0.04 (1)	0.04 (1)	0.3 (1)			0.43 (2)	0.52 (4)	0.13 (1)	0.04 (1)		
Chestnut-winged Cuckoo	<i>Clamator coromandus</i>	-									0.04 (1)					
Asian Koel	<i>Eudynamis scolopaceus</i>	-	0.09 (2)	0.04 (1)	0.04 (1)	0.13 (2)	0.17 (2)	0.26 (2)	0.09 (1)		0.35 (4)	0.3 (3)	0.04 (1)			
Plaintive Cuckoo	<i>Cacomantis merulinus</i>	-									0.04 (1)					

Common Name	Scientific Name	Conservation / Protection Status [#]	Pond/Gei Wai Nos. 15a to 20e – Showing Mean (and Maximum) Count													
			15a	15b	15c	16a	16b	16/ 17	17a	17b	18	19	20a	20b	20c	20d
Large Hawk Cuckoo	<i>Hierococcyx sparverioides</i>	-									0.04 (1)					
Indian Cuckoo	<i>Cuculus micropterus</i>	-														
Asian Barred Owlet	<i>Glaucidium cuculoides</i>	CITES(II); CSMPS(II); Cap.586														
House Swift	<i>Apus nipalensis</i>	-														
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	(LC)			0.04 (1)						0.04 (1)	0.13 (1)				0.04 (1)
Common Kingfisher	<i>Alcedo atthis</i>	-	0.04 (1)		0.22 (1)	0.04 (1)	0.04 (1)	0.13 (1)			0.04 (1)	0.3 (2)		0.04 (1)		
Pied Kingfisher	<i>Ceryle rudis</i>	(LC)	0.09 (2)		0.09 (2)			0.13 (2)			0.04 (1)	0.22 (2)				
Peregrine Falcon	<i>Falco peregrinus</i>	(LC); RLCV(NT); CITES(I); CSMPS(II); Cap.586														
Long-tailed Shrike	<i>Lanius schach</i>	-					0.13 (1)				0.09 (1)	0.04 (1)	0.04 (1)			
Black Drongo	<i>Dicrurus macrocercus</i>	-		0.09 (2)	0.04 (1)			0.3 (5)		0.04 (1)	0.09 (1)	0.04 (1)	0.13 (3)	0.52 (6)	0.09 (2)	
Hair-crested Drongo	<i>Dicrurus hottentottus</i>	-									0.48 (11)					
Azure-winged Magpie	<i>Cyanopica cyanus</i>	-								0.09 (2)						
Red-billed Blue Magpie	<i>Urocissa erythrorhyncha</i>	-	0.26 (6)					0.3 (3)			0.04 (1)					
Eurasian Magpie	<i>Pica pica</i>	-						0.04 (1)			0.09 (1)					
Collared Crow	<i>Corvus torquatus</i>	LC; RLCV(NT); IUCN(NT)			0.13 (2)			0.22 (4)		0.04 (1)		0.17 (2)	0.09 (1)			0.13 (2)
Large-billed Crow	<i>Corvus macrorhynchos</i>	-									0.04 (1)					0.09 (2)
Cinereous Tit	<i>Parus cinereus</i>	-	0.09 (1)		0.13 (2)	0.04 (1)	0.17 (1)	0.35 (2)	0.04 (1)	0.04 (1)	0.17 (2)	0.17 (1)				
Chinese Penduline Tit	<i>Remiz consobrinus</i>	RC														
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	-		0.04 (1)			0.04 (1)	0.13 (2)	0.22 (2)	0.7 (16)	0.09 (1)	0.09 (2)				
Chinese Bulbul	<i>Pycnonotus sinensis</i>	-		0.39 (5)	0.3 (3)	0.04 (1)	1.13 (8)	1.13 (10)	0.13 (2)	0.43 (5)	1.35 (11)	0.87 (6)	0.48 (9)	0.43 (6)		0.39 (7)
Barn Swallow	<i>Hirundo rustica</i>	-		0.13 (3)	0.26 (5)						0.04 (1)					

Common Name	Scientific Name	Conservation / Protection Status [#]	Pond/Gei Wai Nos. 15a to 20e – Showing Mean (and Maximum) Count													
			15a	15b	15c	16a	16b	16/ 17	17a	17b	18	19	20a	20b	20c	20d
Manchurian Bush Warbler	<i>Horornis borealis</i>	-														
Dusky Warbler	<i>Phylloscopus fuscatus</i>	-	0.04 (1)	0.17 (2)	0.04 (1)	0.04 (1)	0.04 (1)	0.13 (3)	0.22 (3)		0.22 (3)	0.17 (2)	0.13 (1)	0.04 (1)		
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	-										0.04 (1)				
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	-			0.04 (1)		0.13 (3)	0.09 (1)		0.04 (1)	0.3 (3)	0.04 (1)				
Eastern crowned Warbler	<i>Phylloscopus coronatus</i>	-														
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	-		0.04 (1)			0.04 (1)		0.04 (1)			0.09 (2)		0.04 (1)		
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	-										0.04 (1)	0.09 (2)	0.09 (2)		
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	-	0.04 (1)	0.22 (2)	0.48 (2)	0.13 (2)	0.65 (3)	0.17 (2)	0.3 (3)	0.09 (2)	0.17 (1)	0.22 (2)	0.7 (5)	0.13 (1)		
Plain Prinia	<i>Prinia inornata</i>	-			0.04 (1)		0.13 (2)		0.04 (1)	0.09 (1)	0.04 (1)	0.17 (4)	0.26 (3)	0.09 (2)		
Common Tailorbird	<i>Orthotomus sutorius</i>	-			0.13 (1)			0.04 (1)	0.04 (1)	0.04 (1)	0.04 (1)	0.13 (2)				
Chinese Hwamei	<i>Garrulax canorus</i>	RLCV(NT); CITES(II); Cap.586														
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	-	0.35 (8)	0.04 (1)	0.22 (4)	0.04 (1)	0.39 (6)	1.48 (7)	0.26 (2)	0.26 (5)	1.17 (6)	0.39 (5)				
Japanese White-eye	<i>Zosterops japonicus</i>	-	0.09 (2)		0.3 (4)	0.39 (4)	0.39 (5)	0.83 (4)	0.09 (1)	0.09 (2)	1.57 (8)	0.3 (5)	0.09 (1)	1 (12)		
Crested Myna	<i>Acridotheres cristatellus</i>	-		0.17 (2)	0.52 (5)		0.26 (6)	0.17 (3)		0.09 (2)	0.09 (1)	1.65 (20)	0.09 (1)		0.09 (2)	
Common Myna	<i>Acridotheres tristis</i>	-										0.09 (2)				
Red-billed Starling	<i>Spodiopsar sericeus</i>	GC	0.22 (5)													
White-cheeked Starling	<i>Spodiopsar cinereus</i>	PRC		0.04 (1)												
Black-collared Starling	<i>Gracupica nigricollis</i>	-		0.09 (1)	0.09 (1)	0.09 (2)		0.26 (3)	0.13 (2)	0.09 (2)	0.91 (8)	0.78 (5)	0.09 (1)			
White-shouldered Starling	<i>Sturnia sinensis</i>	(LC)								0.04 (1)						
Common Starling	<i>Sturnus vulgaris</i>	LC														
Grey-backed Thrush	<i>Turdus hortulorum</i>	-														
Chinese Blackbird	<i>Turdus mandarinus</i>	-														

Common Name	Scientific Name	Conservation / Protection Status [#]	Pond/Gei Wai Nos. 15a to 20e – Showing Mean (and Maximum) Count														
			15a	15b	15c	16a	16b	16/ 17	17a	17b	18	19	20a	20b	20c	20d	20e
Oriental Magpie Robin	<i>Copsychus saularis</i>	-			0.13 (1)	0.04 (1)	0.09 (1)	0.7 (3)		0.17 (3)	0.35 (2)	0.22 (2)	0.04 (1)				
Grey-streaked Flycatcher	<i>Muscicapa griseisticta</i>	-			0.04 (1)												
Asian Brown Flycatcher	<i>Muscicapa latirostris</i>	-			0.04 (1)												
Siberian Rubythroat	<i>Calliope calliope</i>	-															
Blue whistling Thrush	<i>Myophonus caeruleus</i>	-															
Daurian Redstart	<i>Phoenicurus aureus</i>	-					0.17 (4)	0.04 (1)		0.09 (2)	0.09 (1)	0.04 (1)		0.04 (1)			
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	-											0.09 (1)				
Scarlet-backed flowerpecker	<i>Dicaeum cruentatum</i>	-															
Eurasian Tree Sparrow	<i>Passer montanus</i>	-															
Scaly-breasted Munia	<i>Lonchura punctulata</i>	-		0.91 (21)		0.48 (10)		0.43 (5)				1.96 (25)	0.09 (2)	0.3 (7)			
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	-						0.04 (1)									
White Wagtail	<i>Motacilla alba</i>	-		0.22 (2)		0.04 (1)	0.22 (4)	0.78 (7)		0.13 (1)				0.04 (1)			
Richard's Pipit	<i>Anthus richardi</i>	-															
Olive-backed Pipit	<i>Anthus hodgsoni</i>	-						0.04 (1)				0.13 (2)					
Chinese Grosbeak	<i>Eophona migratoria</i>	LC															
Chestnut-eared Bunting	<i>Emberiza fucata</i>	LC															
Little Bunting	<i>Emberiza pusilla</i>	-															
Black-faced Bunting	<i>Emberiza spodocephala</i>	-															
Black Swan	<i>Cygnus atratus</i>	-															
Great Myna	<i>Acridotheres grandis</i>	-															
Total No. of Species			26	32	33	29	32	68	14	29	45	49	32	25	2	12	1
No. of Species of Conservation Importance			15	15	12	12	9	40	0	9	15	21	15	10	1	9	1

Common Name	Scientific Name	Conservation / Protection Status [#]	Pond/Gei Wai Nos. 20f to 24g – Showing Mean (and Maximum) Count											
			20f	21	22a	22b	23	24a	24b	24c	24d	24e	24f	24g
Tundra Bean Goose	<i>Anser serrirostris</i>	-												
Greater White-fronted Goose	<i>Anser albifrons</i>	CSMPS(II)				0.13 (3)								
Eurasian Wigeon	<i>Anas penelope</i>	RC		6.13 (57)			0.61 (10)						0.22 (4)	
Mallard	<i>Anas platyrhynchos</i>	RC		0.09 (1)										
Chinese Spot-billed Duck	<i>Anas zonorhyncha</i>	-										0.13 (3)	0.22 (5)	0.3 (7)
Northern Shoveler	<i>Anas clypeata</i>	RC		4.26 (25)	0.17 (3)		1.91 (34)					0.13 (3)	2.57 (27)	0.3 (7)
Northern Pintail	<i>Anas acuta</i>	RC		1.61 (20)			0.04 (1)							
Garganey	<i>Anas querquedula</i>	-		0.09 (2)	0.04 (1)		0.13 (3)							
Eurasian Teal	<i>Anas crecca</i>	RC		2 (36)	1.35 (31)	0.61 (14)	0.04 (1)							
Tufted Duck	<i>Aythya fuligula</i>	LC		1.09 (9)			1.48 (22)						0.3 (6)	0.17 (3)
Little Grebe	<i>Tachybaptus ruficollis</i>	LC		0.35 (3)	0.13 (1)	0.04 (1)	0.09 (1)	0.09 (2)		0.22 (3)		0.61 (3)	0.17 (1)	0.13 (3)
Eurasian Spoonbill	<i>Platalea leucorodia</i>	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586												
Black-faced Spoonbill	<i>Platalea minor</i>	PGC; RLCV(EN); IUCN(EN); CSMPS(II)		3.39 (25)		0.39 (9)	0.57 (11)						0.3 (5)	0.04 (1)
Yellow Bittern	<i>Ixobrychus sinensis</i>	(LC)				0.04 (1)				0.04 (1)				
Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>	LC			0.04 (1)		0.04 (1)							
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	(LC)		0.3 (3)	0.09 (1)		0.04 (1)	0.91 (9)			0.04 (1)			
Striated Heron	<i>Butorides striata</i>	(LC)		0.04 (1)										
Chinese Pond Heron	<i>Ardeola bacchus</i>	PRC (RC)		0.57 (3)	1.17 (5)	0.22 (2)	0.26 (2)	0.17 (3)					0.39 (3)	0.57 (10)
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	(LC)		0.22 (5)	0.04 (1)		0.09 (1)		0.35 (3)	3.39 (18)	0.22 (3)	2.91 (51)	0.09 (1)	
Grey Heron	<i>Ardea cinerea</i>	PRC	0.04 (1)	7.09 (35)	2.3 (24)	2.26 (17)	3.96 (32)	0.04 (1)		1.96 (30)	0.78 (16)	0.7 (5)	2.26 (12)	0.39 (3)
Purple Heron	<i>Ardea purpurea</i>	RC			0.04 (1)		0.17 (2)			0.04 (1)	0.17 (2)	0.09 (1)		

Common Name	Scientific Name	Conservation / Protection Status [#]	Pond/Gei Wai Nos. 20f to 24g – Showing Mean (and Maximum) Count											
			20f	21	22a	22b	23	24a	24b	24c	24d	24e	24f	24g
Great Egret	<i>Ardea alba</i>	PRC (RC)	0.04 (1)	3 (13)	1.22 (12)	0.35 (5)	1.7 (14)	0.35 (8)		0.17 (1)	0.04 (1)	0.35 (2)	0.09 (1)	0.13 (1)
Intermediate Egret	<i>Egretta intermedia</i>	RC		0.17 (2)	0.04 (1)	0.04 (1)	0.04 (1)			0.17 (1)	0.09 (1)	0.26 (2)	0.13 (1)	0.09 (2)
Little Egret	<i>Egretta garzetta</i>	PRC (RC)		9.13 (87)	0.74 (4)	0.43 (5)	2.17 (18)				0.17 (4)	0.22 (2)	0.74 (4)	0.48 (3)
Great Cormorant	<i>Phalacrocorax carbo</i>	PRC	0.57 (10)	2.57 (28)		0.3 (7)	24.74 (150)	0.04 (1)		0.35 (7)	3.57 (81)	10.26 (234)	41.52 (202)	0.87 (18)
Western Osprey	<i>Pandion haliaetus</i>	RC; RLCV(NT); CITES(II); CSMPS(II); Cap.586	0.09 (1)				0.09 (1)							
Greater Spotted Eagle	<i>Clanga clanga</i>	GC; RLCV(EN); IUCN(VU); CITES(II); CSMPS(II); Cap.586					0.04 (1)							
Eastern Imperial Eagle	<i>Aquila heliaca</i>	GC; RLCV(EN); IUCN(VU); CITES(II); CSMPS(I); Cap.586		0.13 (1)			0.04 (1)							
Crested Goshawk	<i>Accipiter trivirgatus</i>	RLCV(NT); CITES(II);CSMPS(II); Cap.586												
Japanese Sparrowhawk	<i>Accipiter gularis</i>	CSMPS(II); CITES(II); Cap.586												
Besra	<i>Accipiter virgatus</i>	-		0.04 (1)						0.04 (1)				
Eastern Marsh Harrier	<i>Circus spilonotus</i>	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586												
Black Kite	<i>Milvus migrans</i>	(RC); CITES(II); CSMPS(II); Cap.586	0.17 (2)	0.57 (2)	0.74 (4)	0.61 (6)	0.87 (6)				0.04 (1)	0.17 (4)	0.57 (3)	
Eastern Buzzard	<i>Buteo japonicus</i>	CSMPS(II); CITES(II); Cap.586					0.09 (1)							
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	-		0.13 (1)	0.35 (4)	0.09 (2)	0.17 (2)	0.3 (2)		0.09 (1)		0.13 (2)	0.04 (1)	0.09 (1)
Watercock	<i>Gallinula cinerea</i>	RC			0.09 (2)									
Common Moorhen	<i>Gallinula chloropus</i>	-		0.26 (6)								0.04 (1)		
Eurasian Coot	<i>Fulica atra</i>	RC												
Siberian Crane	<i>Grus leucogeranus</i>	RLCV(CR); IUCN(CR); CITES(I); CSMPS(I); Cap.586												
Black-winged Stilt	<i>Himantopus himantopus</i>	RC		1.04 (11)	2.35 (28)	0.09 (2)	1.91 (42)							
Pied Avocet	<i>Recurvirostra avosetta</i>	RC		1.17 (16)			2.83 (64)							
Grey-headed Lapwing	<i>Vanellus cinereus</i>	LC												
Pacific Golden Plover	<i>Pluvialis fulva</i>	LC		0.17 (2)										

Common Name	Scientific Name	Conservation / Protection Status [#]	Pond/Gei Wai Nos. 20f to 24g – Showing Mean (and Maximum) Count											
			20f	21	22a	22b	23	24a	24b	24c	24d	24e	24f	24g
Grey Plover	<i>Pluvialis squatarola</i>	RC		0.43 (5)										
Little Ringed Plover	<i>Charadrius dubius</i>	(LC)												
Kentish Plover	<i>Charadrius alexandrinus</i>	RC												
Lesser Sand Plover	<i>Charadrius mongolus</i>	LC					0.09 (2)							
Greater Sand Plover	<i>Charadrius leschenaultii</i>	RC												
Greater Painted-snipe	<i>Rostratula benghalensis</i>	LC												
Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	LC; RLCV(NT)										0.04 (1)		
Pintail/Swinhoe's Snipe	<i>Gallinago stenura/Gallinago megala</i>	LC for Swinhoe's Snipe				0.04 (1)								
Common Snipe	<i>Gallinago gallinago</i>	-												
Asian Dowitcher	<i>Limnodromus semipalmatus</i>	RC; RLCV(NT); IUCN(NT)		0.17 (4)										
Black-tailed Godwit	<i>Limosa limosa</i>	RC; IUCN(NT)		5.3 (122)										
Bar-tailed Godwit	<i>Limosa lapponica</i>	LC; RLCV(NT); IUCN(NT)		0.13 (2)										
Whimbrel	<i>Numenius phaeopus</i>	LC		4 (76)	1.7 (39)									
Eurasian Curlew	<i>Numenius arquata</i>	RC; RLCV(NT); IUCN(NT)		5.35 (62)										
Far Eastern Curlew	<i>Numenius madagascariensis</i>	LC; RLCV(VU); IUCN(EN)												
Spotted Redshank	<i>Tringa erythropus</i>	RC												
Common Redshank	<i>Tringa totanus</i>	RC		7.78 (88)	0.74 (17)									
Marsh Sandpiper	<i>Tringa stagnatilis</i>	RC		1.48 (30)	0.87 (20)		0.7 (14)							
Common Greenshank	<i>Tringa nebularia</i>	RC		17.13 (127)	1.65 (23)	0.09 (1)	1.83 (42)							
Green sandpiper	<i>Tringa ochropus</i>	-			0.35 (4)									
Wood Sandpiper	<i>Tringa glareola</i>	LC			0.22 (2)	0.04 (1)								
Terek Sandpiper	<i>Xenus cinereus</i>	RC		0.04 (1)										
Common Sandpiper	<i>Actitis hypoleucos</i>	-		0.35 (6)	0.26 (2)								0.04 (1)	

Common Name	Scientific Name	Conservation / Protection Status [#]	Pond/Gei Wai Nos. 20f to 24g – Showing Mean (and Maximum) Count											
			20f	21	22a	22b	23	24a	24b	24c	24d	24e	24f	24g
Red-necked Stint	<i>Calidris ruficollis</i>	LC; IUCN(NT)												
Curlew Sandpiper	<i>Calidris ferruginea</i>	RC; IUCN(NT)		0.04 (1)										
Dunlin	<i>Calidris alpina</i>	RC		0.3 (7)										
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	PRC												
Heuglin's Gull	<i>Larus fuscus</i>	LC												
Caspian Tern	<i>Hydroprogne caspia</i>	RC		0.13 (3)										
Whiskered Tern	<i>Chlidonias hybrida</i>	-												
White-winged Tern	<i>Chlidonias leucopterus</i>	-												
Domestic Pigeon	<i>Columba livia</i>	-												
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	-												
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	-		0.04 (1)	0.09 (2)			0.04 (1)						
Red Turtle Dove	<i>Streptopelia tranquebarica</i>	-		0.04 (1)										
Spotted Dove	<i>Spilopelia chinensis</i>	-		0.43 (2)	1.52 (5)	0.09 (2)	0.04 (1)	0.04 (1)		0.09 (1)		0.48 (2)	0.35 (3)	0.26 (3)
Greater Coucal	<i>Centropus sinensis</i>	CSMPS(II)		0.13 (1)	0.35 (2)	0.04 (1)	0.13 (1)	0.09 (1)	0.04 (1)	0.22 (3)			0.13 (1)	0.04 (1)
Chestnut-winged Cuckoo	<i>Clamator coromandus</i>	-												
Asian Koel	<i>Eudynamys scolopaceus</i>	-			0.13 (2)		0.13 (2)	0.13 (2)		0.09 (1)		0.17 (3)	0.04 (1)	0.04 (1)
Plaintive Cuckoo	<i>Cacomantis merulinus</i>	-		0.04 (1)										
Large Hawk Cuckoo	<i>Hierococcyx sparverioides</i>	-												
Indian Cuckoo	<i>Cuculus micropterus</i>	-												
Asian Barred Owlet	<i>Glaucidium cuculoides</i>	CITES(II); CSMPS(II); Cap.586												
House Swift	<i>Apus nipalensis</i>	-												
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	(LC)		0.09 (1)	0.13 (1)			0.04 (1)		0.04 (1)		0.04 (1)	0.04 (1)	0.04 (1)
Common Kingfisher	<i>Alcedo atthis</i>	-		0.26 (1)	0.04 (1)	0.04 (1)	0.09 (1)	0.13 (3)		0.17 (2)		0.09 (1)	0.09 (1)	
Pied Kingfisher	<i>Ceryle rudis</i>	(LC)		0.09 (2)	0.17 (2)		0.13 (1)					0.04 (1)	0.26 (4)	0.09 (1)

Common Name	Scientific Name	Conservation / Protection Status [#]	Pond/Gei Wai Nos. 20f to 24g – Showing Mean (and Maximum) Count											
			20f	21	22a	22b	23	24a	24b	24c	24d	24e	24f	24g
Peregrine Falcon	<i>Falco peregrinus</i>	(LC); RLCV(NT); CITES(I); CSMPS(II); Cap.586				0.04 (1)								
Long-tailed Shrike	<i>Lanius schach</i>	-		0.09 (1)	0.17 (1)	0.04 (1)	0.09 (1)				0.04 (1)		0.04 (1)	0.04 (1)
Black Drongo	<i>Dicrurus macrocercus</i>	-		0.87 (5)	1.09 (8)	0.17 (2)	0.26 (2)	0.3 (6)	0.04 (1)	0.04 (1)	0.09 (1)	0.13 (1)	0.04 (1)	0.13 (3)
Hair-crested Drongo	<i>Dicrurus hottentottus</i>	-												
Azure-winged Magpie	<i>Cyanopica cyanus</i>	-			0.04 (1)								0.04 (1)	0.17 (4)
Red-billed Blue Magpie	<i>Urocissa erythrorhyncha</i>	-												
Eurasian Magpie	<i>Pica pica</i>	-		0.17 (2)	1.43 (18)	0.22 (2)	0.17 (2)	0.22 (2)					0.04 (1)	0.13 (1)
Collared Crow	<i>Corvus torquatus</i>	LC; RLCV(NT); IUCN(NT)	0.04 (1)	2 (10)	2.26 (6)	3.13 (23)	0.57 (5)	0.13 (2)						0.22 (3)
Large-billed Crow	<i>Corvus macrorhynchos</i>	-		0.22 (4)	0.04 (1)	0.17 (1)	0.09 (2)	0.09 (2)			0.09 (2)		0.13 (2)	
Cinereous Tit	<i>Parus cinereus</i>	-		0.13 (1)	0.48 (3)	0.09 (1)	0.04 (1)	0.04 (1)			0.09 (1)		0.09 (1)	0.04 (1)
Chinese Penduline Tit	<i>Remiz consobrinus</i>	RC							0.13 (3)				0.09 (2)	
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	-		0.04 (1)	0.13 (1)						0.17 (2)			0.09 (2)
Chinese Bulbul	<i>Pycnonotus sinensis</i>	-		1.39 (11)	2.61 (22)	1.61 (20)	0.17 (3)	1.35 (10)			0.65 (4)		0.26 (2)	0.17 (3)
Barn Swallow	<i>Hirundo rustica</i>	-			0.04 (1)		0.04 (1)					1.17 (27)		0.04 (1)
Manchurian Bush Warbler	<i>Horornis borealis</i>	-												
Dusky Warbler	<i>Phylloscopus fuscatus</i>	-		0.04 (1)	0.48 (3)	0.52 (4)	0.13 (2)	0.35 (2)			0.26 (3)		0.04 (1)	0.04 (1)
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	-												
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	-		0.09 (2)	0.09 (2)	0.09 (2)	0.04 (1)	0.17 (2)			0.04 (1)			0.04 (1)
Eastern crowned Warbler	<i>Phylloscopus coronatus</i>	-												
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	-		0.04 (1)					0.09 (1)	0.13 (3)	0.13 (1)		0.04 (1)	
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	-							0.04 (1)					
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	-		0.26 (3)	1.17 (6)	0.35 (3)	0.39 (2)	0.74 (5)			0.3 (3)		0.13 (3)	0.04 (1)

Common Name	Scientific Name	Conservation / Protection Status [#]	Pond/Gei Wai Nos. 20f to 24g – Showing Mean (and Maximum) Count											
			20f	21	22a	22b	23	24a	24b	24c	24d	24e	24f	24g
Plain Prinia	<i>Prinia inornata</i>	-			0.26 (2)	0.35 (4)	0.09 (1)	0.17 (2)		0.09 (1)		0.09 (1)		
Common Tailorbird	<i>Orthotomus sutorius</i>	-			0.04 (1)	0.13 (1)	0.04 (1)	0.04 (1)		0.09 (1)		0.04 (1)		
Chinese Hwamei	<i>Garrulax canorus</i>	RLCV(NT); CITES(II); Cap.586												
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	-			1.22 (11)		0.09 (2)	0.3 (4)		0.65 (5)		0.17 (3)	0.17 (3)	
Japanese White-eye	<i>Zosterops japonicus</i>	-		1 (10)	0.43 (7)	0.04 (1)	0.39 (5)	0.61 (10)		0.26 (6)		0.17 (4)		0.65 (5)
Crested Myna	<i>Acridotheres cristatellus</i>	-		1.61 (10)	8.43 (63)	1.26 (28)	0.39 (9)	0.17 (2)	0.43 (8)	1.43 (17)	0.13 (3)	0.7 (10)	1.61 (15)	1 (23)
Common Myna	<i>Acridotheres tristis</i>	-		0.04 (1)	0.09 (2)					0.39 (5)				
Red-billed Starling	<i>Spodiopsar sericeus</i>	GC		0.04 (1)	1.74 (30)									
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	PRC			0.7 (13)									
Black-collared Starling	<i>Gracupica nigricollis</i>	-		1.61 (14)	4.7 (28)	1.57 (15)	0.17 (2)	0.09 (2)		0.96 (11)	0.17 (4)	0.26 (6)	0.26 (3)	
White-shouldered Starling	<i>Sturnia sinensis</i>	(LC)												
Common Starling	<i>Sturnus vulgaris</i>	LC			0.09 (2)									
Grey-backed Thrush	<i>Turdus hortulorum</i>	-												
Chinese Blackbird	<i>Turdus mandarinus</i>	-												
Oriental Magpie Robin	<i>Copsychus saularis</i>	-		0.39 (2)	0.17 (1)	0.39 (6)				0.04 (1)		0.04 (1)	0.09 (1)	0.09 (1)
Grey-streaked Flycatcher	<i>Muscicapa griseisticta</i>	-												
Asian Brown Flycatcher	<i>Muscicapa latirostris</i>	-												
Siberian Rubythroat	<i>Calliope calliope</i>	-												
Blue whistling Thrush	<i>Myophonus caeruleus</i>	-												
Daurian Redstart	<i>Phoenicurus aureoreus</i>	-		0.04 (1)	0.04 (1)	0.04 (1)								0.04 (1)
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	-		0.04 (1)	0.04 (1)	0.09 (2)				0.26 (2)		0.04 (1)		
Scarlet-backed flowerpecker	<i>Dicaeum cruentatum</i>	-				0.04 (1)								
Eurasian Tree Sparrow	<i>Passer montanus</i>	-										0.09 (2)		

Common Name	Scientific Name	Conservation / Protection Status [#]	Pond/Gei Wai Nos. 20f to 24g – Showing Mean (and Maximum) Count											
			20f	21	22a	22b	23	24a	24b	24c	24d	24e	24f	24g
Scaly-breasted Munia	<i>Lonchura punctulata</i>	-			0.22 (5)	0.52 (12)		0.43 (10)		0.09 (1)				
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	-		0.04 (1)	1.17 (14)	1.3 (14)				0.04 (1)				
White Wagtail	<i>Motacilla alba</i>	-		0.04 (1)	1.3 (17)	1 (15)	0.17 (3)							
Richard's Pipit	<i>Anthus richardi</i>	-					0.04 (1)							
Olive-backed Pipit	<i>Anthus hodgsoni</i>	-				0.17 (3)		0.09 (2)		0.17 (4)				
Chinese Grosbeak	<i>Eophona migratoria</i>	LC												
Chestnut-eared Bunting	<i>Emberiza fucata</i>	LC			0.04 (1)									
Little Bunting	<i>Emberiza pusilla</i>	-												
Black-faced Bunting	<i>Emberiza spodocephala</i>	-												
Black Swan	<i>Cygnus atratus</i>	-												
Great Myna	<i>Acridotheres grandis</i>	-								0.13 (3)				
Total No. of Species			6	70	61	44	53	33	5	38	13	39	34	29
No. of Species of Conservation Importance			6	40	28	19	30	10	2	10	9	14	17	13

Note: # Conservation and protection status (shaded rows) refer to:

- Fellowes et al. (2002) Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159.:
 - LC=Local Concern; PRC=Potential Regional Concern; RC=Regional; PGC=Potential Global Concern; GC=Global Concern.
 - Letters in parentheses indicate the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
- IUCN (2017) *The IUCN Red List of Threatened Species*: EN = Endangered; VU = Vulnerable; NT = Near Threatened.
- Red List of China's Vertebrates (RLCV, 2016). *Red List of China's Vertebrates*. *Biodiversity Science*: 24 (5) 500-551.: CR = Critically Endangered; EN = Endangered; NT = Near Threatened.
- Ministry of Environmental Protection of the People's Republic of China (2002) *China State Major Protection Status*: I = Class I Protected Species; II = Class II Protected Species.
- Cap. 170 = Chapter 170 Wild Animals Protection Ordinance. All wild birds are protected under Cap. 170.
- Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance

APPENDIX C3-5

Mean and Maximum Count of Avifauna Species Recorded in the Study Area Excluding the Project Site (2017)

Name	Scientific Name	Conservation and Protection Status [#]	Habitats in Study Area Excluding the Project Site – Showing Mean (and Maximum) Count				
			Mangrove	Commercial Fishpond	Brackish Marsh	Wooded Area	Developed Area
Northern Shoveler*	<i>Anas clypeata</i>	RC		0.83(10)			
Tufted Duck*	<i>Aythya fuligula</i>	LC		1.08(7)			
Little Grebe*	<i>Tachybaptus ruficollis</i>	LC		15.67(56)			
Eurasian Spoonbill*	<i>Platalea leucorodia</i>	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586		0.08(1)			
Black-faced Spoonbill*	<i>Platalea minor</i>	PGC; RLCV(EN); IUCN(EN); CSMPS(II)		10.33(94)			
Yellow Bittern*	<i>Ixobrychus sinensis</i>	(LC)		0.25(1)			
Black-crowned Night Heron*	<i>Nycticorax nycticorax</i>	(LC)	0.33(4)	2.08(11)			
Chinese Pond Heron*	<i>Ardeola bacchus</i>	PRC (RC)	0.83(3)	25.42(52)	0.08(1)		
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	(LC)		2.5(17)			
Grey Heron*	<i>Ardea cinerea</i>	PRC	0.17(1)	7.33(28)			
Purple Heron*	<i>Ardea purpurea</i>	RC		0.17(1)			
Great Egret*	<i>Ardea alba</i>	PRC (RC)	0.83(5)	30.5(183)			
Intermediate Egret*	<i>Egretta intermedia</i>	RC		1(8)			
Little Egret*	<i>Egretta garzetta</i>	PRC (RC)	0.92(4)	66.83(211)			
Great Cormorant*	<i>Phalacrocorax carbo</i>	PRC		26.25(130)	0.17(2)		
Black Kite	<i>Milvus migrans</i>	(RC); CITES(II); CSMPS(II); Cap.586	0.83(8)	0.17(2)		0.08(1)	
Eastern Buzzard	<i>Buteo japonicus</i>	CSMPS(II); CITES(II); Cap.586	0.08(1)				
White-breasted Waterhen*	<i>Amaurornis phoenicurus</i>	-	1.33(6)	2.33(5)	0.17(1)	0.58(2)	0.17(2)
Common Moorhen*	<i>Gallinula chloropus</i>	-		0.5(5)			
Black-winged Stilt*	<i>Himantopus himantopus</i>	RC		4.75(22)			
Pied avocet*	<i>Recurvirostra avosetta</i>	RC		0.5(5)			
Pacific Golden Plover*	<i>Pluvialis fulva</i>	LC		0.75(6)			
Little Ringed Plover*	<i>Charadrius dubius</i>	(LC)		1.67(8)			
Common Snipe*	<i>Gallinago gallinago</i>	-		0.08(1)			
Common Redshank*	<i>Tringa totanus</i>	RC		0.25(3)			
Marsh Sandpiper*	<i>Tringa stagnatilis</i>	RC		0.5(3)			
Common Greenshank*	<i>Tringa nebularia</i>	RC		0.25(2)			
Green Sandpiper*	<i>Tringa ochropus</i>	-		0.25(1)			

Name	Scientific Name	Conservation and Protection Status [#]	Habitats in Study Area Excluding the Project Site – Showing Mean (and Maximum) Count				
			Mangrove	Commercial Fishpond	Brackish Marsh	Wooded Area	Developed Area
Wood Sandpiper*	<i>Tringa glareola</i>	LC		1.17(7)			
Common Sandpiper*	<i>Actitis hypoleucos</i>	-		1.08(5)			
Red-necked Stint*	<i>Calidris ruficollis</i>	LC; IUCN(NT)		6(70)			
Long-toed Stint*	<i>Calidris subminuta</i>	LC		0.17(2)			
Whiskered Tern*	<i>Chlidonias hybrida</i>	-		0.92(8)			
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	-	0.08(1)	0.25(2)		0.17(2)	
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	-		4(28)		0.75(5)	
Red Turtle Dove	<i>Streptopelia tranquebarica</i>	-		0.17(2)			
Spotted Dove	<i>Spilopelia chinensis</i>	-	0.25(2)	3.08(14)	0.83(6)	3.75(15)	
Greater Coucal	<i>Centropus sinensis</i>	CSMPS(II)	0.25(2)	0.33(3)	0.17(2)	0.08(1)	0.08(1)
Asian Koel	<i>Eudynamis scolopacea</i>	-	0.33(4)	0.67(4)		0.58(2)	
Asian Barred Owlet	<i>Glaucidium cuculoides</i>	CITES(II); CSMPS(II); Cap.586			0.08(1)		
Oriental Dollarbird	<i>Eurystomus orientalis</i>	-	0.08(1)				
White-throated Kingfisher*	<i>Halcyon smyrnensis</i>	(LC)	0.17(1)	0.67(2)			
Black-capped Kingfisher*	<i>Halcyon pileata</i>	(LC)	0.08(1)				
Common Kingfisher*	<i>Alcedo atthis</i>	-		1.42(4)			
Pied Kingfisher*	<i>Ceryle rudis</i>	(LC)		1.17(5)			
Blue-tailed Bee-eater	<i>Merops philippinus</i>	-		0.92(11)			0.17(2)
Black-winged Cuckooshrike	<i>Coracina melaschistos</i>	-		0.17(2)			
Scarlet Minivet	<i>Pericrocotus speciosus</i>	-				0.08(1)	
Brown Shrike	<i>Lanius cristatus</i>	-			0.08(1)		
Long-tailed Shrike	<i>Lanius schach</i>	-		0.42(3)			
Black-naped Oriole	<i>Oriolus chinensis</i>	LC		0.08(1)		0.08(1)	
Black Drongo	<i>Dicrurus macrocercus</i>	-	0.33(4)	0.58(4)		0.08(1)	
Azure-winged Magpie	<i>Cyanopica cyanus</i>	-		1.92(20)		5.83(20)	
Red-billed Blue Magpie	<i>Urocissa erythrorhyncha</i>	-		0.08(1)			
Eurasian Magpie	<i>Pica pica</i>	-	0.08(1)	0.33(2)		0.08(1)	
Collared Crow*	<i>Corvus torquatus</i>	LC; RLCV(NT); IUCN(NT)	2.08(18)	0.5(2)			

Name	Scientific Name	Conservation and Protection Status [#]	Habitats in Study Area Excluding the Project Site – Showing Mean (and Maximum) Count				
			Mangrove	Commercial Fishpond	Brackish Marsh	Wooded Area	Developed Area
Large-billed Crow	<i>Corvus macrorhynchos</i>	-	0.08(1)				
Cinereous Tit	<i>Parus cinereus</i>	-	0.83(4)	0.33(2)		0.75(4)	
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	-	0.08(1)	1.17(4)	0.5(6)	3.83(20)	
Chinese Bulbul	<i>Pycnonotus sinensis</i>	-	0.33(1)	3.92(20)	1.75(20)	2.5(10)	0.83(10)
Sooty-headed bulbul	<i>Pycnonotus aurigaster</i>	-		0.08(1)			
Barn Swallow	<i>Hirundo rustica</i>	-		1.33(10)		1.58(15)	
Mountain Tailorbird	<i>Phyllergates cuculatus</i>	-				0.08(1)	
Japanese Bush Warbler / Russet Bush Warbler	<i>Horornis diphone / Locustella mandelli</i>	-		0.08(1)		0.08(1)	0.33(4)
Dusky Warbler	<i>Phylloscopus fuscatus</i>	-	0.67(4)	3.17(13)	0.67(6)		0.08(1)
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	-				0.08(1)	
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	-	0.08(1)	0.25(3)		0.67(4)	
Oriental Reed Warbler*	<i>Acrocephalus orientalis</i>	-	0.17(2)	0.17(1)	0.08(1)		
Black-browed Reed Warbler*	<i>Acrocephalus bistrigiceps</i>	-	0.25(2)	0.5(2)			
Zitting Cisticola	<i>Cisticola juncidis</i>	LC		0.08(1)			
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	-	0.33(1)	1.75(13)	0.08(1)	0.42(2)	
Plain Prinia	<i>Prinia inornata</i>	-	0.08(1)	1.58(5)		0.08(1)	0.5(6)
Common Tailorbird	<i>Orthotomus sutorius</i>	-	0.25(2)	0.08(1)		1.25(4)	
Masked Laughingthrush	<i>Garrulax perspicillatus</i>	-	0.08(1)	1.67(10)	0.08(1)	2.42(10)	
Japanese White-eye	<i>Zosterops japonicus</i>	-	1.42(15)	0.92(5)	1.67(10)	1.17(6)	
Crested Myna	<i>Acridotheres cristatellus</i>	-	0.17(1)	19.67(84)		1.25(11)	
Red-billed Starling	<i>Spodiopsar sericeus</i>	GC	0.83(10)	58.83(390)		0.83(10)	
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	PRC		1.17(8)			
Black-collared Starling	<i>Gracupica nigricollis</i>	-	0.33(2)	0.67(4)		0.67(2)	
White-shouldered Starling	<i>Sturnia sinensis</i>	(LC)		5.25(19)		4.5(20)	
Common Starling	<i>Sturnus vulgaris</i>	LC		0.17(2)			
Grey-backed Thrush	<i>Turdus hortulorum</i>	-				0.08(1)	
Chinese Blackbird	<i>Turdus mandarinus</i>	-		0.33(2)		0.67(3)	
Oriental Magpie Robin	<i>Copsychus saularis</i>	-	0.25(1)	0.5(3)		1(4)	

Name	Scientific Name	Conservation and Protection Status [#]	Habitats in Study Area Excluding the Project Site – Showing Mean (and Maximum) Count				
			Mangrove	Commercial Fishpond	Brackish Marsh	Wooded Area	Developed Area
Asian Brown Flycatcher	<i>Muscicapa latirostris</i>	-				0.25(3)	
Siberian Rubythroat	<i>Calliope calliope</i>	-	0.17(2)	0.08(1)			
Green-backed Flycatcher	<i>Ficedula elisae</i>	RLCV(NT)	0.08(1)				
Red-throated Flycatcher	<i>Ficedula albicilla</i>	-		0.08(1)			
Daurian Redstart	<i>Phoenicurus aureus</i>	-	0.33(4)	0.58(3)		0.25(2)	
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	-		0.75(5)			
Eurasian Tree Sparrow	<i>Passer montanus</i>	-		15.33(120)		2.5(15)	
White-rumped Munia	<i>Lonchura striata</i>	-				0.17(2)	
Scaly-breasted Munia	<i>Lonchura punctulata</i>	-		0.92(10)		0.17(1)	
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	-		4.25(15)	0.08(1)		
Grey Wagtail	<i>Motacilla cinerea</i>	-		0.08(1)			
White Wagtail	<i>Motacilla alba</i>	-	0.08(1)	2.08(7)		0.08(1)	
Richard's Pipit	<i>Anthus richardi</i>	-		0.25(2)			
Red-throated Pipit	<i>Anthus cervinus</i>	LC		0.08(1)			
Chinese Grosbeak	<i>Eophona migratoria</i>	LC		0.42(5)		0.5(6)	
Black-faced Bunting	<i>Emberiza spodocephala</i>	-		0.08(1)			
Total No. Species Recorded			39	87	15	39	7
No. Species of Conservation Importance and/or Wetland-dependent Birds			16	48	6	7	2

Note: * Indicates wetland-dependent species

Conservation and protection status (shaded rows) refer to:

- Fellowes et al. (2002) Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159.:
 - LC=Local Concern; PRC=Potential Regional Concern; RC=Regional; PGC=Potential Global Concern; GC=Global Concern.
 - Letters in parentheses indicate the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
- IUCN (2017) *The IUCN Red List of Threatened Species*: EN = Endangered; VU = Vulnerable; NT = Near Threatened.
- *Red List of China's Vertebrates (RLCV, 2016)*. *Red List of China's Vertebrates*. *Biodiversity Science*: 24 (5) 500-551.: CR = Critically Endangered; EN = Endangered; NT = Near Threatened.
- Ministry of Environmental Protection of the People's Republic of China (2002) *China State Major Protection Status*: I = Class I Protected Species; II = Class II Protected Species.
- Cap. 170 = Chapter 170 Wild Animals Protection Ordinance. All wild birds are protected under Cap. 170.
- Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance

APPENDIX C3-6

Mean and Maximum Count of Avifauna Species at Each Pond/Gei Wai in MPNR (2019-2020)

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 3 to 14 – Showing Mean (and Maximum) Count												
			3	4	5	6	7	8a	8b	9	10	11	12	13	14
Northern Shoveler	<i>Spatula clypeata</i>	RC	36.5 (313)	3.67 (41)	0.08 (1)	15.17 (74)	5.42 (48)	7.92 (39)	18 (210)		4.75 (44)	7.58 (34)			0.25 (3)
Falcatad Duck	<i>Mareca falcata</i>	RC; RLCV(NT); IUCN(NT)													
Eurasian Wigeon	<i>Mareca penelope</i>	RC	14.33 (121)	37.33 (135)		1.17 (14)	4.25 (47)	1.17 (8)			5.17 (44)	7 (37)			
Chinese Spot-billed Duck	<i>Anas zonorhyncha</i>	-													
Northern Pintail	<i>Anas acuta</i>	RC	0.33 (4)			0.33 (3)	1.08 (9)		0.17 (2)			1 (6)			
Eurasian Teal	<i>Anas crecca</i>	RC						2 (24)			0.08 (1)	0.17 (2)			
Tufted Duck	<i>Aythya fuligula</i>	LC	3.83 (25)	0.17 (1)		1.33 (12)		2.42 (24)	3.67 (42)		9.25 (89)	4.17 (19)		0.67 (8)	
Little Grebe	<i>Tachybaptus ruficollis</i>	LC	0.42 (5)	0.17 (1)		0.33 (3)	0.25 (2)	0.08 (1)	0.08 (1)		0.33 (2)	0.25 (2)	0.33 (4)	0.33 (3)	
Eurasian Spoonbill	<i>Platalea leucorodia</i>	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586													
Black-faced Spoonbill	<i>Platalea minor</i>	PGC; RLCV(EN); IUCN(EN); CSMPS(II)	0.33 (4)	2.17 (26)			0.17 (1)	1 (12)				0.42 (5)			
Yellow Bittern	<i>Ixobrychus sinensis</i>	(LC)								0.08 (1)	0.17 (2)				0.08 (1)
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	(LC)				0.08 (1)	0.08 (1)	0.08 (1)	0.25 (3)	0.08 (1)	0.17 (2)	0.08 (1)	0.42 (3)		
Striated Heron	<i>Butorides striata</i>	(LC)									0.08 (1)				
Chinese Pond Heron	<i>Ardeola bacchus</i>	PRC (RC)	0.17 (2)			0.08 (1)	1.08 (9)	2.42 (12)	0.42 (2)	0.33 (4)	1.42 (12)	0.17 (1)	0.08 (1)	0.08 (1)	0.08 (1)
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	(LC)										0.67 (8)			
Grey Heron	<i>Ardea cinerea</i>	PRC	1.5 (16)	0.58 (6)		1 (5)	1.33 (9)	0.92 (4)	0.75 (4)	0.17 (1)	1.33 (9)	0.17 (1)	0.17 (2)	0.58 (2)	0.33 (2)
Purple Heron	<i>Ardea purpurea</i>	RC						0.08 (1)					0.08 (1)		
Great Egret	<i>Ardea alba</i>	PRC (RC)	1.33 (8)	0.42 (4)		1 (7)	18.83 (220)	3.17 (24)	0.75 (6)	0.17 (2)	0.58 (2)	2.08 (7)	0.67 (4)	0.42 (1)	0.58 (3)
Intermediate Egret	<i>Ardea intermedia</i>	RC						0.08 (1)			0.08 (1)	0.25 (1)			
Little Egret	<i>Egretta garzetta</i>	PRC (RC)	0.83 (4)	0.33 (3)			4.42 (48)	7.92 (71)	0.67 (4)		8.67 (34)	15.75 (86)	0.25 (2)		0.17 (1)
Great Cormorant	<i>Phalacrocorax carbo</i>	PRC	0.08 (1)	3.17 (20)	0.17 (2)	9.58 (45)	1.25 (8)	0.17 (1)			5.08 (27)	19.42 (151)	5.42 (45)	0.25 (1)	0.17 (1)
Western Osprey	<i>Pandion haliaetus</i>	RC; RLCV(NT); CITES(II); CSMPS(II); Cap.586													

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 3 to 14 – Showing Mean (and Maximum) Count													
			3	4	5	6	7	8a	8b	9	10	11	12	13	14	
Black-winged Kite	<i>Elanus caeruleus</i>	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586								0.08 (1)						
Eastern Imperial Eagle	<i>Aquila heliaca</i>	GC; RLCV(EN); IUCN(VU); CITES(II); CSMPS(I); Cap.586														
Chinese Sparrowhawk	<i>Accipiter soloensis</i>	CSMPS(II); CITES(II); Cap.586														
Japanese Sparrowhawk	<i>Accipiter gularis</i>	CSMPS(II); CITES(II); Cap.586														
Besra	<i>Accipiter virgatus</i>	CSMPS(II); CITES(II); Cap.586		0.17 (2)											0.08 (1)	0.08 (1)
Eurasian Sparrowhawk	<i>Accipiter nisus</i>	CSMPS(II); CITES(II); Cap.586														
Black Kite	<i>Milvus migrans</i>	(RC); CITES(II); CSMPS(II); Cap.586				0.17 (2)				0.08 (1)				0.08 (1)	0.08 (1)	
Eastern Buzzard	<i>Buteo japonicus</i>	CSMPS(II); CITES(II); Cap.586														
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	-							0.33 (2)	0.08 (1)	0.25 (3)	0.08 (1)		0.17 (1)	0.17 (1)	0.17 (1)
Common Moorhen	<i>Gallinula chloropus</i>	-			0.17 (2)	0.08 (1)				0.17 (2)		0.08 (1)	0.08 (1)	0.17 (1)	0.17 (1)	0.17 (2)
Black-winged Stilt	<i>Himantopus himantopus</i>	RC	0.5 (6)			0.08 (1)	0.17 (2)	2.25 (14)	0.08 (1)		0.08 (1)	0.17 (1)				
Pied Avocet	<i>Recurvirostra avosetta</i>	RC				0.75 (8)										
Pacific Golden Plover	<i>Pluvialis fulva</i>	LC							0.5 (6)							
Grey Plover	<i>Pluvialis squatarola</i>	RC														
Little Ringed Plover	<i>Charadrius dubius</i>	(LC)								0.25 (2)						
Greater Painted-snipe	<i>Rostratula benghalensis</i>	LC														
Common Snipe	<i>Gallinago gallinago</i>	-														
Common Sandpiper	<i>Actitis hypoleucos</i>	-	0.08 (1)							0.08 (1)						
Green Sandpiper	<i>Tringa ochropus</i>	-														
Common Redshank	<i>Tringa totanus</i>	RC							0.5 (3)							
Marsh Sandpiper	<i>Tringa stagnatilis</i>	RC							0.33 (4)							
Wood Sandpiper	<i>Tringa glareola</i>	LC														
Spotted redshank	<i>Tringa erythropus</i>	RC														
Common Greenshank	<i>Tringa nebularia</i>	RC				1.42 (17)		0.33 (3)	0.17 (2)			0.5 (3)				

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 3 to 14 – Showing Mean (and Maximum) Count													
			3	4	5	6	7	8a	8b	9	10	11	12	13	14	
Oriental Pratincole	<i>Glareola maldivarum</i>	LC														
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	PRC														
Little Tern	<i>Sternula albifrons</i>	LC														
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	-				0.17 (2)						0.17 (2)	0.25 (3)			
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	-							0.08 (1)							
Spotted Dove	<i>Spilopelia chinensis</i>	-	0.25 (2)	0.17 (2)								0.17 (2)	0.17 (1)	0.33 (2)	0.25 (2)	
Greater Coucal	<i>Centropus sinensis</i>	CSMPS(II)		0.08 (1)		0.25 (2)	0.08 (1)	0.25 (2)		0.08 (1)	0.17 (1)	0.08 (1)	0.17 (2)	0.17 (2)	0.33 (2)	
Asian Koel	<i>Eudynamys scolopaceus</i>	-							0.08 (1)				0.25 (3)	0.83 (3)	0.17 (1)	
Large Hawk-cuckoo	<i>Hierococcyx sparverioides</i>	-											0.08 (1)	0.08 (1)		
Indian Cuckoo	<i>Cuculus micropterus</i>	-										0.08 (1)				
Collared Scops Owl	<i>Otus lettia</i>	CITES(II); CSMPS(II); Cap.586														
Asian Barred Owlet	<i>Glaucidium cuculoides</i>	CITES(II); CSMPS(II); Cap.586												0.08 (1)		
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	(LC)	0.67 (8)						0.17 (1)	0.08 (1)		0.08 (1)		0.17 (1)	0.08 (1)	
Common Kingfisher	<i>Alcedo atthis</i>	-			0.17 (2)		0.08 (1)	0.33 (2)				0.08 (1)	0.17 (1)	0.08 (1)		
Pied Kingfisher	<i>Ceryle rudis</i>	(LC)		0.08 (1)									0.08 (1)			
Brown Shrike	<i>Lanius cristatus</i>	-														
Long-tailed Shrike	<i>Lanius schach</i>	-														
Black Drongo	<i>Dicrurus macrocercus</i>	-							0.17 (1)	0.25 (3)	0.08 (1)			0.08 (1)		
Azure-winged Magpie	<i>Cyanopica cyanus</i>	-	0.83 (10)			0.83 (10)										
Red-billed Blue Magpie	<i>Urocissa erythroryncha</i>	-		0.17 (2)									0.08 (1)	0.5 (3)		
Oriental Magpie	<i>Pica serica</i>	-										0.08 (1)	0.08 (1)			
Collared Crow	<i>Corvus torquatus</i>	LC; RLCV(NT); IUCN(VU)							0.17 (1)	0.08 (1)	0.25 (2)	0.17 (1)	0.17 (1)		0.58 (4)	
Large-billed Crow	<i>Corvus macrorhynchos</i>	-		0.25 (2)						0.08 (1)		0.17 (2)		0.08 (1)		

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 3 to 14 – Showing Mean (and Maximum) Count													
			3	4	5	6	7	8a	8b	9	10	11	12	13	14	
Cinereous Tit	<i>Parus cinereus</i>	-				0.08 (1)										
Chinese Penduline Tit	<i>Remiz consobrinus</i>	RC		1.67 (20)											0.83 (6)	
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	-				1.67 (20)			1.42 (17)	0.75 (5)				0.08 (1)		
Chinese Bulbul	<i>Pycnonotus sinensis</i>	-							0.67 (8)	1 (5)	0.67 (8)			0.33 (2)	0.25 (3)	
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>	-													0.08 (1)	
Barn Swallow	<i>Hirundo rustica</i>	-							0.08 (1)							
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	-						0.08 (1)						0.42 (3)	0.08 (1)	
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	-												0.42 (4)		
Dusky Warbler	<i>Phylloscopus fuscatus</i>	-		0.08 (1)		0.08 (1)	0.08 (1)	0.08 (1)		0.17 (1)	0.08 (1)	0.08 (1)	0.08 (1)	0.33 (2)	0.42 (3)	
Pale-legged Leaf Warbler	<i>Phylloscopus tenellipes</i>	-		0.08 (1)												
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	-														
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	-														
Pallas's Grasshopper Warbler	<i>Helopsaltes certhiola</i>	LC												0.08 (1)		
Lanceolated Warbler	<i>Locustella lanceolata</i>	RLCV(NT)														
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	-	0.08 (1)	0.33 (4)					0.08 (1)		0.42 (2)	0.08 (1)	0.08 (1)	0.83 (4)	1.17 (11)	0.67 (2)
Plain Prinia	<i>Prinia inornata</i>	-		0.17 (2)							0.08 (1)	0.08 (1)		0.5 (4)	0.42 (2)	
Common Tailorbird	<i>Orthotomus sutorius</i>	-		0.08 (1)		0.33 (4)	0.58 (7)	0.08 (1)				0.42 (3)	0.17 (1)		0.08 (1)	
Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	-				0.25 (3)	0.17 (1)	0.08 (1)		0.33 (3)		1.08 (8)	1.5 (11)	0.5 (6)	0.33 (2)	
Swinhoe's White-eye	<i>Zosterops simplex</i>	-				0.5 (6)	0.08 (1)	0.17 (2)						0.08 (1)	0.25 (3)	
Crested Myna	<i>Acridotheres cristatellus</i>	-	0.33 (4)			2.5 (30)					5 (60)		0.17 (2)	0.08 (1)	0.25 (3)	
Common Myna	<i>Acridotheres tristis</i>	-														
Red-billed Starling	<i>Spodiopsar sericeus</i>	GC	0.25 (3)							5.83 (70)						
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	PRC								0.58 (7)						

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 3 to 14 – Showing Mean (and Maximum) Count													
			3	4	5	6	7	8a	8b	9	10	11	12	13	14	
Black-collared Starling	<i>Gracupica nigricollis</i>	-	0.42 (3)	0.25 (3)		0.08 (1)		0.83 (10)	0.83 (10)		1.5 (18)		0.17 (2)	1.58 (9)	0.25 (2)	
White-shouldered Starling	<i>Sturnia sinensis</i>	(LC)														
Japanese Thrush	<i>Turdus cardis</i>	-												0.08 (1)		
Chinese Blackbird	<i>Turdus mandarinus</i>	-						0.08 (1)				0.08 (1)			0.17 (2)	
Oriental Magpie Robin	<i>Copsychus saularis</i>	-										0.08 (1)	0.17 (1)			
Grey-streaked Flycatcher	<i>Muscicapa griseisticta</i>	-														
Asian Brown Flycatcher	<i>Muscicapa dauurica</i>	-				0.25 (3)										
Siberian Rubythroat	<i>Calliope calliope</i>	-														
Daurian Redstart	<i>Phoenicurus aureus</i>	-				0.08 (1)	0.08 (1)	0.08 (1)				0.08 (1)	0.33 (3)	0.25 (3)	0.08 (1)	
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	-		0.08 (1)												
Scaly-breasted Munia	<i>Lonchura punctulata</i>	-		0.25 (3)						1.67 (20)		0.25 (3)				
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	-						0.5 (3)	0.08 (1)							
Grey Wagtail	<i>Motacilla cinerea</i>	-														
White Wagtail	<i>Motacilla alba</i>	-					0.25 (3)	0.25 (2)	0.17 (2)						0.08 (1)	
Olive-backed Pipit	<i>Anthus hodgsoni</i>	-						0.08 (1)		0.17 (2)						
Yellow-breasted Bunting	<i>Emberiza aureola</i>	RC; RLCV(EN); IUCN(CR)													0.08 (1)	
Black-faced Bunting	<i>Emberiza spodocephala</i>	-										0.08 (1)		0.17 (2)		
Total No. of Species			20	24	4	28	21	38	29	17	27	34	30	36	29	
No. of Species of Conservation Importance			14	13	2	15	13	22	17	8	18	19	13	13	11	

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 15a to 20b – Showing Mean (and Maximum) Count												
			15a	15b	15c	16A	16b	16/17	17A	17B	17/18	18	19	20a	20b
Northern Shoveler	<i>Spatula clypeata</i>	RC	3.17 (38)	0.25 (3)	2.42 (29)			31.33 (155)			5 (60)	0.17 (2)	1.08 (7)		
Falcatad Duck	<i>Mareca falcata</i>	RC; RLCV(NT); IUCN(NT)													
Eurasian Wigeon	<i>Mareca penelope</i>	RC	0.67 (8)					4 (30)			3.33 (40)		1.42 (16)		
Chinese Spot-billed Duck	<i>Anas zonorhyncha</i>	-													
Northern Pintail	<i>Anas acuta</i>	RC						0.58 (6)			2.5 (30)				
Eurasian Teal	<i>Anas crecca</i>	RC						6.5 (38)							
Tufted Duck	<i>Aythya fuligula</i>	LC	6 (72)	0.33 (4)				1.17 (14)			5.83 (70)		3.25 (31)	15.92 (70)	3.42 (40)
Little Grebe	<i>Tachybaptus ruficollis</i>	LC	1.08 (6)	0.33 (2)	0.17 (2)	0.08 (1)		0.08 (1)					0.25 (3)	0.17 (1)	0.08 (1)
Eurasian Spoonbill	<i>Platalea leucorodia</i>	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586													
Black-faced Spoonbill	<i>Platalea minor</i>	PGC; RLCV(EN); IUCN(EN); CSMPS(II)	0.08 (1)					4.33 (26)					0.42 (5)		
Yellow Bittern	<i>Ixobrychus sinensis</i>	(LC)					0.08 (1)								
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	(LC)	0.17 (2)		0.17 (2)							0.42 (5)	0.75 (8)		
Striated Heron	<i>Butorides striata</i>	(LC)		0.08 (1)	0.08 (1)								0.25 (1)		
Chinese Pond Heron	<i>Ardeola bacchus</i>	PRC (RC)	0.08 (1)	0.25 (2)				0.75 (3)				0.5 (2)	0.42 (2)		
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	(LC)												0.08 (1)	
Grey Heron	<i>Ardea cinerea</i>	PRC	0.08 (1)	0.17 (1)	0.17 (1)		0.17 (1)	3.33 (17)			3.5 (42)	0.5 (6)	0.58 (3)	0.25 (1)	0.17 (1)
Purple Heron	<i>Ardea purpurea</i>	RC			0.08 (1)			0.17 (1)				0.08 (1)	0.17 (1)		
Great Egret	<i>Ardea alba</i>	PRC (RC)	0.08 (1)	0.08 (1)	0.17 (1)			5.33 (21)		0.08 (1)	3.17 (38)	1.08 (5)	0.5 (2)		0.08 (1)
Intermediate Egret	<i>Ardea intermedia</i>	RC						0.58 (6)							
Little Egret	<i>Egretta garzetta</i>	PRC (RC)	0.25 (2)	0.33 (2)	0.17 (1)		0.08 (1)	2.83 (12)		0.08 (1)	0.5 (6)	0.58 (2)	0.58 (5)	0.08 (1)	
Great Cormorant	<i>Phalacrocorax carbo</i>	PRC	0.25 (3)	15.5 (130)	21.67 (190)			0.17 (2)				0.08 (1)	2.33 (12)	1.92 (19)	0.58 (3)
Western Osprey	<i>Pandion haliaetus</i>	RC; RLCV(NT); CITES(II); CSMPS(II); Cap.586													
Black-winged Kite	<i>Elanus caeruleus</i>	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586													

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 15a to 20b – Showing Mean (and Maximum) Count													
			15a	15b	15c	16A	16b	16/17	17A	17B	17/18	18	19	20a	20b	
Eastern Imperial Eagle	<i>Aquila heliaca</i>	GC; RLCV(EN); IUCN(VU); CITES(II); CSMPS(I); Cap.586													0.08 (1)	
Chinese Sparrowhawk	<i>Accipiter soloensis</i>	CSMPS(II); CITES(II); Cap.586														
Japanese Sparrowhawk	<i>Accipiter gularis</i>	CSMPS(II); CITES(II); Cap.586														0.08 (1)
Besra	<i>Accipiter virgatus</i>	CSMPS(II); CITES(II); Cap.586														
Eurasian Sparrowhawk	<i>Accipiter nisus</i>	CSMPS(II); CITES(II); Cap.586									0.08 (1)					
Black Kite	<i>Milvus migrans</i>	(RC); CITES(II); CSMPS(II); Cap.586	0.08 (1)										0.08 (1)	0.67 (7)		
Eastern Buzzard	<i>Buteo japonicus</i>	CSMPS(II); CITES(II); Cap.586												0.08 (1)		
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	-		0.17 (2)			0.08 (1)	0.08 (1)						0.25 (1)		0.08 (1)
Common Moorhen	<i>Gallinula chloropus</i>	-														
Black-winged Stilt	<i>Himantopus himantopus</i>	RC						3.08 (20)		0.17 (2)						
Pied Avocet	<i>Recurvirostra avosetta</i>	RC						48.08 (230)								
Pacific Golden Plover	<i>Pluvialis fulva</i>	LC														
Grey Plover	<i>Pluvialis squatarola</i>	RC						0.17 (2)								
Little Ringed Plover	<i>Charadrius dubius</i>	(LC)														
Greater Painted-snipe	<i>Rostratula benghalensis</i>	LC					0.42 (5)									
Common Snipe	<i>Gallinago gallinago</i>	-						0.08 (1)								
Common Sandpiper	<i>Actitis hypoleucos</i>	-						0.08 (1)				0.08 (1)	0.17 (1)			
Green Sandpiper	<i>Tringa ochropus</i>	-														
Common Redshank	<i>Tringa totanus</i>	RC						4 (48)								
Marsh Sandpiper	<i>Tringa stagnatilis</i>	RC						1 (12)								
Wood Sandpiper	<i>Tringa glareola</i>	LC						1 (12)								
spotted redshank	<i>Tringa erythropus</i>	RC						0.17 (2)								
Common Greenshank	<i>Tringa nebularia</i>	RC						9.67 (90)								
Oriental Pratincole	<i>Glareola maldivarum</i>	LC						5.83 (70)								

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 15a to 20b – Showing Mean (and Maximum) Count														
			15a	15b	15c	16A	16b	16/17	17A	17B	17/18	18	19	20a	20b		
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	PRC															
Little Tern	<i>Sternula albifrons</i>	LC										3.33 (40)					
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	-															
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	-															
Spotted Dove	<i>Spilopelia chinensis</i>	-	0.17 (1)	0.08 (1)	0.08 (1)		0.08 (1)	0.42 (2)				0.17 (2)	0.17 (1)	0.67 (3)	0.5 (2)		
Greater Coucal	<i>Centropus sinensis</i>	CSMPS(II)	0.08 (1)										0.08 (1)	0.25 (2)	0.17 (1)		
Asian Koel	<i>Eudynamys scolopaceus</i>	-		0.17 (1)				0.17 (1)					0.25 (1)	0.17 (1)			
Large Hawk-cuckoo	<i>Hierococcyx sparverioides</i>	-															
Indian Cuckoo	<i>Cuculus micropterus</i>	-															
Collared Scops Owl	<i>Otus lettia</i>	CITES(II); CSMPS(II); Cap.586															
Asian Barred Owlet	<i>Glaucidium cuculoides</i>	CITES(II); CSMPS(II); Cap.586															
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	(LC)					0.08 (1)						0.08 (1)	0.25 (1)			
Common Kingfisher	<i>Alcedo atthis</i>	-						0.08 (1)					0.08 (1)				0.25 (1)
Pied Kingfisher	<i>Ceryle rudis</i>	(LC)						0.08 (1)									
Brown Shrike	<i>Lanius cristatus</i>	-											0.08 (1)				
Long-tailed Shrike	<i>Lanius schach</i>	-					0.08 (1)	0.08 (1)					0.33 (4)				
Black Drongo	<i>Dicrurus macrocercus</i>	-															
Azure-winged Magpie	<i>Cyanopica cyanus</i>	-															
Red-billed Blue Magpie	<i>Urocissa erythroryncha</i>	-											0.25 (3)	0.17 (2)	0.17 (2)		
Oriental Magpie	<i>Pica serica</i>	-															
Collared Crow	<i>Corvus torquatus</i>	LC; RLCV(NT); IUCN(VU)							0.25 (2)				0.08 (1)		0.33 (4)	0.17 (2)	0.17 (2)
Large-billed Crow	<i>Corvus macrorhynchos</i>	-											0.08 (1)				
Cinereous Tit	<i>Parus cinereus</i>	-							0.25 (2)								
Chinese Penduline Tit	<i>Remiz consobrinus</i>	RC						0.33 (4)					0.08 (1)				

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 15a to 20b – Showing Mean (and Maximum) Count												
			15a	15b	15c	16A	16b	16/17	17A	17B	17/18	18	19	20a	20b
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	-					0.17 (2)					0.17 (2)			
Chinese Bulbul	<i>Pycnonotus sinensis</i>	-		0.08 (1)			1 (12)	0.17 (2)		1 (12)		1.75 (12)	0.33 (4)		
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>	-													
Barn swallow	<i>Hirundo rustica</i>	-													
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	-	0.08 (1)					0.17 (1)							
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	-													
Dusky Warbler	<i>Phylloscopus fuscatus</i>	-						0.08 (1)		0.17 (2)		0.25 (1)			
Pale-legged Leaf Warbler	<i>Phylloscopus tenellipes</i>	-													
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	-					0.08 (1)								0.17 (2)
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	-													0.33 (2)
Pallas's Grasshopper Warbler	<i>Helopsaltes certhiola</i>	LC													
Lanceolated Warbler	<i>Locustella lanceolata</i>	RLCV(NT)													0.08 (1)
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	-		0.08 (1)			0.25 (3)	0.33 (2)	0.25 (3)	0.08 (1)		0.33 (2)	0.25 (2)	0.83 (4)	0.5 (4)
Plain Prinia	<i>Prinia inornata</i>	-					0.25 (3)		0.08 (1)				0.17 (1)	0.08 (1)	0.08 (1)
Common Tailorbird	<i>Orthotomus sutorius</i>	-						0.17 (2)			0.17 (2)	0.08 (1)	0.08 (1)		
Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	-						0.17 (2)				0.33 (4)	0.5 (4)		
Swinhoe's White-eye	<i>Zosterops simplex</i>	-	0.33 (4)									1.67 (20)	0.42 (3)		
Crested Myna	<i>Acridotheres cristatellus</i>	-	1 (12)	0.08 (1)				0.25 (2)				0.17 (2)	0.33 (4)	0.33 (2)	
Common Myna	<i>Acridotheres tristis</i>	-													
Red-billed Starling	<i>Spodiopsar sericeus</i>	GC												0.5 (6)	
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	PRC													
Black-collared Starling	<i>Gracupica nigricollis</i>	-					0.58 (6)	0.42 (2)			0.5 (3)	0.08 (1)	0.33 (3)	0.17 (2)	
White-shouldered Starling	<i>Sturnia sinensis</i>	(LC)													0.17 (2)

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 15a to 20b – Showing Mean (and Maximum) Count														
			15a	15b	15c	16A	16b	16/17	17A	17B	17/18	18	19	20a	20b		
Japanese Thrush	<i>Turdus cardis</i>	-															
Chinese Blackbird	<i>Turdus mandarinus</i>	-															
Oriental Magpie Robin	<i>Copsychus saularis</i>	-		0.08 (1)	0.08 (1)				0.08 (1)					0.08 (1)	0.25 (2)		
Grey-streaked Flycatcher	<i>Muscicapa griseisticta</i>	-															
Asian Brown Flycatcher	<i>Muscicapa dauurica</i>	-															
Siberian Rubythroat	<i>Calliope calliope</i>	-												0.08 (1)			
Daurian Redstart	<i>Phoenicurus aureus</i>	-	0.08 (1)								0.17 (1)			0.08 (1)			
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	-															
Scaly-breasted Munia	<i>Lonchura punctulata</i>	-						0.25 (3)							0.08 (1)	1.5 (12)	
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	-															
Grey Wagtail	<i>Motacilla cinerea</i>	-															
White Wagtail	<i>Motacilla alba</i>	-													0.08 (1)		
Olive-backed Pipit	<i>Anthus hodgsoni</i>	-							0.17 (2)		0.25 (2)	0.25 (3)			0.17 (2)	0.08 (1)	
Yellow-breasted Bunting	<i>Emberiza aureola</i>	RC; RLCV(EN); IUCN(CR)															
Black-faced Bunting	<i>Emberiza spodocephala</i>	-						0.08 (1)									0.08 (1)
Total No. of Species			18	16	11	1	17	43	2	13	14	28	36	18	14		
No. of Species of Conservation Importance			13	9	9	1	6	25	0	4	10	11	19	9	9		

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 20c to 24g – Showing Mean (and Maximum) Count											
			20c	21	22a	22b	23	24	24a	24c	24e	24f	24g	Brackish Gei Wai
Northern Shoveler	<i>Spatula clypeata</i>	RC		20.08 (134)	7.33 (45)	6.83 (31)	22.58 (220)		0.17 (2)	0.5 (6)		5 (42)	4.42 (39)	
Falcatad Duck	<i>Mareca falcata</i>	RC; RLCV(NT); IUCN(NT)					0.08 (1)							
Eurasian Wigeon	<i>Mareca penelope</i>	RC		2.5 (21)			2.58 (15)					1.17 (14)	6.58 (41)	
Chinese Spot-billed Duck	<i>Anas zonorhyncha</i>	-											0.42 (5)	
Northern Pintail	<i>Anas acuta</i>	RC		1.25 (15)	2.42 (20)	1.42 (10)	3 (30)					3.42 (39)	1.75 (21)	
Eurasian Teal	<i>Anas crecca</i>	RC											0.5 (6)	
Tufted Duck	<i>Aythya fuligula</i>	LC	4.58 (55)	4.08 (35)	5.25 (55)	0.83 (7)	3.33 (40)			2 (24)				
Little Grebe	<i>Tachybaptus ruficollis</i>	LC	0.17 (1)		1.75 (7)			0.33 (4)		0.17 (1)				
Eurasian Spoonbill	<i>Platalea leucorodia</i>	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586				0.08 (1)								
Black-faced Spoonbill	<i>Platalea minor</i>	PGC; RLCV(EN); IUCN(EN); CSMPS(II)		0.75 (6)	0.83 (10)	1.67 (13)	1.58 (19)					0.5 (4)		
Yellow Bittern	<i>Ixobrychus sinensis</i>	(LC)												
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	(LC)		2.25 (27)					0.08 (1)	0.08 (1)			0.5 (6)	
Striated Heron	<i>Butorides striata</i>	(LC)		0.08 (1)	0.08 (1)					0.08 (1)				
Chinese Pond Heron	<i>Ardeola bacchus</i>	PRC (RC)			0.83 (5)	0.08 (1)				0.08 (1)	0.17 (1)	0.33 (2)	0.08 (1)	
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	(LC)							0.08 (1)	2 (17)	0.58 (3)	0.08 (1)		
Grey Heron	<i>Ardea cinerea</i>	PRC		4.08 (17)	0.58 (4)	4 (32)	2.08 (9)				0.5 (2)	3.83 (13)	1.92 (8)	
Purple Heron	<i>Ardea purpurea</i>	RC							0.25 (1)	0.08 (1)	0.25 (2)			
Great Egret	<i>Ardea alba</i>	PRC (RC)	0.08 (1)	3.83 (19)	1.75 (11)	0.83 (5)	1.33 (8)		0.25 (2)	0.17 (1)	1.08 (5)	2.5 (13)	2.33 (20)	
Intermediate Egret	<i>Ardea intermedia</i>	RC							0.08 (1)		0.33 (2)	0.08 (1)	0.08 (1)	
Little Egret	<i>Egretta garzetta</i>	PRC (RC)	0.08 (1)	0.67 (2)	1 (3)	0.33 (1)	0.42 (2)				0.33 (1)	1.17 (4)	0.42 (1)	
Great Cormorant	<i>Phalacrocorax carbo</i>	PRC		6.83 (75)	1 (12)	8.42 (50)	4.92 (51)		0.67 (8)			38.83 (180)	0.25 (3)	
Western Osprey	<i>Pandion haliaetus</i>	RC; RLCV(NT); CITES(II); CSMPS(II); Cap.586				0.17 (1)								

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 20c to 24g – Showing Mean (and Maximum) Count												
			20c	21	22a	22b	23	24	24a	24c	24e	24f	24g	Brackish Gei Wai	
Black-winged Kite	<i>Elanus caeruleus</i>	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586													
Eastern Imperial Eagle	<i>Aquila heliaca</i>	GC; RLCV(EN); IUCN(VU); CITES(II); CSMPS(I); Cap.586					0.08 (1)								
Chinese Sparrowhawk	<i>Accipiter soloensis</i>	CSMPS(II); CITES(II); Cap.586		0.25 (3)											
Japanese Sparrowhawk	<i>Accipiter gularis</i>	CSMPS(II); CITES(II); Cap.586													
Besra	<i>Accipiter virgatus</i>	CSMPS(II); CITES(II); Cap.586													
Eurasian Sparrowhawk	<i>Accipiter nisus</i>	CSMPS(II); CITES(II); Cap.586													
Black Kite	<i>Milvus migrans</i>	(RC); CITES(II); CSMPS(II); Cap.586		1.5 (12)	1.75 (4)	1.92 (7)	0.92 (5)			0.17 (2)		0.17 (2)	0.25 (3)		
Eastern Buzzard	<i>Buteo japonicus</i>	CSMPS(II); CITES(II); Cap.586			0.08 (1)										
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	-		0.08 (1)	0.33 (2)			0.08 (1)	0.17 (1)	0.17 (1)			0.17 (1)		
Common Moorhen	<i>Gallinula chloropus</i>	-						0.08 (1)	0.25 (2)	0.08 (1)					
Black-winged Stilt	<i>Himantopus himantopus</i>	RC										0.25 (3)	0.17 (2)		
Pied Avocet	<i>Recurvirostra avosetta</i>	RC		5.08 (44)		0.92 (11)						0.25 (3)	3.75 (34)		
Pacific Golden Plover	<i>Pluvialis fulva</i>	LC													
Grey Plover	<i>Pluvialis squatarola</i>	RC													
Little Ringed Plover	<i>Charadrius dubius</i>	(LC)													
Greater Painted-snipe	<i>Rostratula benghalensis</i>	LC					0.08 (1)								
Common Snipe	<i>Gallinago gallinago</i>	-													
Common Sandpiper	<i>Actitis hypoleucos</i>	-			0.08 (1)		0.08 (1)					0.25 (2)			
Green Sandpiper	<i>Tringa ochropus</i>	-										0.17 (1)			
Common Redshank	<i>Tringa totanus</i>	RC			2.92 (34)	1.25 (12)									
Marsh Sandpiper	<i>Tringa stagnatilis</i>	RC			2.17 (21)	3.83 (39)									
Wood Sandpiper	<i>Tringa glareola</i>	LC													
spotted redshank	<i>Tringa erythropus</i>	RC			0.25 (2)	0.25 (3)	0.33 (4)								
Common Greenshank	<i>Tringa nebularia</i>	RC		1.92 (12)	1.67 (16)	3.42 (19)	2 (24)					0.08 (1)			

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 20c to 24g – Showing Mean (and Maximum) Count											
			20c	21	22a	22b	23	24	24a	24c	24e	24f	24g	Brackish Gei Wai
Oriental Pratincole	<i>Glareola maldivarum</i>	LC												
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	PRC		33.33 (400)	15 (180)	3.92 (47)								
Little Tern	<i>Sternula albifrons</i>	LC												
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	-												
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	-		0.25 (3)	0.08 (1)									
Spotted Dove	<i>Spilopelia chinensis</i>	-		0.42 (3)	0.42 (3)		0.08 (1)			0.58 (3)	0.25 (3)	0.08 (1)	0.08 (1)	
Greater Coucal	<i>Centropus sinensis</i>	CSMPS(II)		0.08 (1)			0.08 (1)			0.08 (1)	0.08 (1)			
Asian Koel	<i>Eudynamys scolopaceus</i>	-				0.08 (1)	0.17 (1)		0.08 (1)			0.08 (1)		
Large Hawk-cuckoo	<i>Hierococyx sparveroides</i>	-												
Indian Cuckoo	<i>Cuculus micropterus</i>	-												
Collared Scops Owl	<i>Otus lettia</i>	CITES(II); CSMPS(II); Cap.586												0.5 (4)
Asian Barred Owlet	<i>Glaucidium cuculoides</i>	CITES(II); CSMPS(II); Cap.586												
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	(LC)			0.17 (1)	0.08 (1)								
Common Kingfisher	<i>Alcedo atthis</i>	-		0.17 (2)	0.08 (1)						0.08 (1)			
Pied Kingfisher	<i>Ceryle rudis</i>	(LC)											0.08 (1)	
Brown Shrike	<i>Lanius cristatus</i>	-								0.08 (1)				
Long-tailed Shrike	<i>Lanius schach</i>	-		0.08 (1)			0.08 (1)			0.08 (1)				
Black Drongo	<i>Dicrurus macrocercus</i>	-		0.5 (3)						0.17 (1)	0.17 (2)			
Azure-winged Magpie	<i>Cyanopica cyanus</i>	-												
Red-billed Blue Magpie	<i>Urocissa erythroryncha</i>	-												
Oriental Magpie	<i>Pica serica</i>	-							0.17 (2)					
Collared Crow	<i>Corvus torquatus</i>	LC; RLCV(NT); IUCN(VU)		0.75 (4)	1.67 (4)	0.58 (4)					0.08 (1)	0.25 (3)		
Large-billed Crow	<i>Corvus macrorhynchos</i>	-			0.33 (2)	0.17 (2)					0.17 (2)			
Cinereous Tit	<i>Parus cinereus</i>	-												

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 20c to 24g – Showing Mean (and Maximum) Count											
			20c	21	22a	22b	23	24	24a	24c	24e	24f	24g	Brackish Gei Wai
Chinese Penduline Tit	<i>Remiz consobrinus</i>	RC					0.08 (1)		0.17 (2)	0.33 (4)	0.08 (1)			
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	-		0.67 (4)		0.25 (3)	0.08 (1)				0.83 (10)		0.17 (2)	
Chinese Bulbul	<i>Pycnonotus sinensis</i>	-			0.08 (1)	0.42 (4)	0.83 (8)		0.17 (2)		0.5 (6)			
Sooty-headed Bulbul	<i>Pycnonotus aurigaster</i>	-												
Barn swallow	<i>Hirundo rustica</i>	-		0.08 (1)	0.25 (3)								0.5 (6)	
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	-												
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	-												
Dusky Warbler	<i>Phylloscopus fuscatus</i>	-				0.08 (1)			0.08 (1)	0.17 (1)				
Pale-legged Leaf Warbler	<i>Phylloscopus tenellipes</i>	-												
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	-				0.17 (1)				0.08 (1)				
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	-								0.17 (1)	0.17 (2)			
Pallas's Grasshopper Warbler	<i>Helopsaltes certhiola</i>	LC							0.08 (1)					
Lanceolated Warbler	<i>Locustella lanceolata</i>	RLCV(NT)		0.08 (1)										
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	-	0.17 (2)	0.25 (2)	2.83 (24)	0.5 (3)	0.17 (2)		0.5 (2)	2 (6)	0.17 (2)	0.08 (1)	0.17 (2)	
Plain Prinia	<i>Prinia inornata</i>	-	0.08 (1)	0.17 (1)	0.67 (3)		0.08 (1)		0.42 (2)	0.42 (2)	0.33 (2)	0.08 (1)	0.08 (1)	
Common Tailorbird	<i>Orthotomus sutorius</i>	-		1.33 (10)	0.17 (2)	0.08 (1)			0.17 (1)	0.08 (1)		0.08 (1)		
Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	-								0.25 (3)				
Swinhoe's White-eye	<i>Zosterops simplex</i>	-				0.33 (4)			0.08 (1)				0.17 (2)	
Crested Myna	<i>Acridotheres cristatellus</i>	-		1.58 (10)	0.67 (6)	0.25 (3)			0.17 (2)	0.92 (8)	0.17 (2)			
Common Myna	<i>Acridotheres tristis</i>	-		1.67 (20)	2.08 (25)									
Red-billed Starling	<i>Spodiopsar sericeus</i>	GC			0.58 (7)									
White-cheeked Starling	<i>Spodiopsar cineraceus</i>	PRC												
Black-collared Starling	<i>Gracupica nigricollis</i>	-		2.25 (22)	0.58 (2)	0.83 (6)							0.17 (2)	

Common Name	Scientific Name	Conservation and Protection Status [#]	Pond/Gei Wai Nos. 20c to 24g – Showing Mean (and Maximum) Count											
			20c	21	22a	22b	23	24	24a	24c	24e	24f	24g	Brackish Gei Wai
White-shouldered Starling	<i>Sturnia sinensis</i>	(LC)												
Japanese Thrush	<i>Turdus cardis</i>	-												
Chinese Blackbird	<i>Turdus mandarinus</i>	-												
Oriental Magpie Robin	<i>Copsychus saularis</i>	-		0.17 (1)		0.08 (1)	0.08 (1)						0.08 (1)	
Grey-streaked Flycatcher	<i>Muscicapa griseisticta</i>	-				0.08 (1)								
Asian Brown Flycatcher	<i>Muscicapa dauurica</i>	-												
Siberian Rubythroat	<i>Calliope calliope</i>	-			0.08 (1)									
Daurian Redstart	<i>Phoenicurus aureus</i>	-		0.08 (1)		0.25 (2)		0.08 (1)	0.08 (1)	0.08 (1)	0.08 (1)		0.08 (1)	
Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	-							0.17 (1)	0.08 (1)	0.08 (1)			
Scaly-breasted Munia	<i>Lonchura punctulata</i>	-									0.08 (1)			
Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	-				0.08 (1)							0.17 (2)	0.08 (1)
Grey Wagtail	<i>Motacilla cinerea</i>	-												0.08 (1)
White Wagtail	<i>Motacilla alba</i>	-		0.08 (1)	0.17 (1)	0.08 (1)			0.08 (1)					
Olive-backed Pipit	<i>Anthus hodgsoni</i>	-							0.33 (4)		0.17 (2)		0.17 (2)	
Yellow-breasted Bunting	<i>Emberiza aureola</i>	RC; RLCV(EN); IUCN(CR)												
Black-faced Bunting	<i>Emberiza spodocephala</i>	-			0.25 (2)		0.08 (1)		0.17 (1)					
Total No. of Species			6	36	38	36	27	4	25	28	24	26	27	1
No. of Species of Conservation Importance			4	19	21	20	17	1	9	12	10	16	15	1

Note: # Conservation and protection status (shaded rows) refer to:

- Fellowes et al. (2002) Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159.:
 - LC=Local Concern; PRC=Potential Regional Concern; RC=Regional; PGC=Potential Global Concern; GC=Global Concern.
 - Letters in parentheses indicate the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
- IUCN (2017) The IUCN Red List of Threatened Species: EN = Endangered; VU = Vulnerable; NT = Near Threatened.
- Red List of China's Vertebrates (RLCV, 2016). Red List of China's Vertebrates. *Biodiversity Science*: 24 (5) 500-551.: CR = Critically Endangered; EN = Endangered; NT = Near Threatened.
- Ministry of Environmental Protection of the People's Republic of China (2002) China State Major Protection Status: I = Class I Protected Species; II = Class II Protected Species.
- Cap. 170 = Chapter 170 Wild Animals Protection Ordinance. All wild birds are protected under Cap. 170.
- Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance

APPENDIX C3-7

Mean and Maximum Count of Avifauna Species

Recorded in the Study Area Excluding the Project Site (2019-2020)

Common Name*	Scientific Name	Conservation and Protection Status#	Habitats Excluding the Project Site Showing Mean (and Maximum) Count		
			Developed Area	Mangrove	Commercial Fishpond
Little Grebe	<i>Tachybaptus ruficollis</i>	LC			3.33 (5)
Black-faced Spoonbill	<i>Platalea minor</i>	PGC; RLCV(EN); IUCN(EN); CSMPS(II)		0.5 (6)	
Yellow Bittern	<i>Ixobrychus sinensis</i>	(LC)			0.08 (1)
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	(LC)		0.75 (2)	0.17 (1)
Striated Heron	<i>Butorides striata</i>	(LC)		0.17 (1)	
Chinese Pond Heron	<i>Ardeola bacchus</i>	PRC (RC)		1 (5)	4.67 (3)
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	(LC)		0.33 (4)	
Grey Heron	<i>Ardea cinerea</i>	PRC			0.17 (1)
Great Egret	<i>Ardea alba</i>	PRC (RC)		0.75 (4)	0.67 (2)
Little Egret	<i>Egretta garzetta</i>	PRC (RC)		1.17 (3)	21.33 (51)
Great Cormorant	<i>Phalacrocorax carbo</i>	PRC			5 (60)
Black-winged Kite	<i>Elanus caeruleus</i>	LC; RLCV(NT); CITES(II); CSMPS(II); Cap.586		0.08 (1)	
Slaty-breasted Rail	<i>Gallirallus striatus</i>	RC		0.08 (1)	
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	-		1.67 (7)	1.33 (2)
Common Moorhen	<i>Gallinula chloropus</i>	-			0.33 (2)
Common Sandpiper	<i>Actitis hypoleucos</i>	-			0.25 (1)
Green Sandpiper	<i>Tringa ochropus</i>	-			0.17 (1)
Spotted redshank	<i>Tringa erythropus</i>	RC		0.17 (2)	
Oriental Turtle Dove	<i>Streptopelia orientalis</i>	-		1 (12)	
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	-			0.08 (1)
Spotted Dove	<i>Spilopelia chinensis</i>	-		1.33 (5)	0.83 (2)
Greater Coucal	<i>Centropus sinensis</i>	CSMPS(II)		3 (11)	0.17 (1)
Asian Koel	<i>Eudynamis scolopaceus</i>	-		0.67 (2)	0.17 (1)
Large Hawk-cuckoo	<i>Hierococcyx sparverioides</i>	-		0.17 (2)	
Indian Cuckoo	<i>Cuculus micropterus</i>	-		0.42 (3)	
Collared Scops Owl	<i>Otus lettia</i>	CITES(II); CSMPS(II); Cap.586			
Savanna Nightjar	<i>Caprimulgus affinis</i>	-	0.08 (1)		
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	(LC)		0.17 (1)	
Common Kingfisher	<i>Alcedo atthis</i>	-		0.08 (1)	1.8 (2)

Common Name*	Scientific Name	Conservation and Protection Status#	Habitats Excluding the Project Site Showing Mean (and Maximum) Count		
			Developed Area	Mangrove	Commercial Fishpond
Pied Kingfisher	<i>Ceryle rudis</i>	(LC)		0.08 (1)	0.08 (1)
Long-tailed Shrike	<i>Lanius schach</i>	-			0.08 (1)
Black Drongo	<i>Dicrurus macrocercus</i>	-		0.08 (1)	0.08 (1)
Hair-crested Drongo	<i>Dicrurus hottentottus</i>	-			
Azure-winged Magpie	<i>Cyanopica cyanus</i>	-			0.75 (6)
Red-billed Blue Magpie	<i>Urocissa erythroryncha</i>	-		0.5 (3)	
Oriental Magpie	<i>Pica serica</i>	-			0.08 (1)
Collared Crow	<i>Corvus torquatus</i>	LC; RLCV(NT); IUCN(VU)		0.33 (2)	0.17 (1)
Large-billed Crow	<i>Corvus macrorhynchos</i>	-			0.08 (1)
Japanese Waxwing	<i>Bombycilla japonica</i>	IUCN(NT)		5.8 (61)	
Cinereous Tit	<i>Parus cinereus</i>	-		3.83 (10)	
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	-		1.83 (10)	0.25 (2)
Chinese Bulbul	<i>Pycnonotus sinensis</i>	-		1.42 (50)	0.5 (4)
Mountain Tailorbird	<i>Phyllergates cucullatus</i>	-		0.08 (1)	
Manchurian Bush Warbler	<i>Horornis canturians</i>	-		0.5 (3)	
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	-		1.67 (9)	
Pallas's Leaf Warbler	<i>Phylloscopus proregulus</i>	-		0.75 (5)	0.08 (1)
Dusky Warbler	<i>Phylloscopus fuscatus</i>	-		3.92 (25)	0.58 (1)
Pale-legged Leaf Warbler	<i>Phylloscopus tenellipes</i>	-		0.08 (1)	
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>	-		0.17 (1)	
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	-		0.08 (1)	
Pallas's Grasshopper Warbler	<i>Helopsaltes certhiola</i>	LC		0.08 (1)	
Russet Bush Warbler	<i>Locustella mandelli</i>	-			0.08 (1)
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	-		6.83 (20)	0.25 (1)
Plain Prinia	<i>Prinia inornata</i>	-			0.42 (2)
Common Tailorbird	<i>Orthotomus sutorius</i>	-		3.67 (9)	
Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	-		5.17 (12)	0.25 (3)
Swinhoe's White-eye	<i>Zosterops simplex</i>	-		5.33 (18)	0.75 (4)
Crested Myna	<i>Acridotheres cristatellus</i>	-		2.17 (14)	0.25 (2)

Common Name*	Scientific Name	Conservation and Protection Status [#]	Habitats Excluding the Project Site Showing Mean (and Maximum) Count		
			Developed Area	Mangrove	Commercial Fishpond
Red-billed Starling	<i>Spodiopsar sericeus</i>	GC			3.67 (30)
Black-collared Starling	<i>Gracupica nigricollis</i>	-		3.25 (11)	0.17 (2)
Grey-backed Thrush	<i>Turdus hortulorum</i>	-		0.08 (1)	
Japanese Thrush	<i>Turdus cardis</i>	-			0.08 (1)
Chinese Blackbird	<i>Turdus mandarinus</i>	-			0.08 (1)
Oriental Magpie Robin	<i>Copsychus saularis</i>	-		2.58 (6)	0.33 (1)
Siberian Rubythroat	<i>Calliope calliope</i>	-		0.33 (3)	
Red-throated Flycatcher	<i>Ficedula albicilla</i>	-		0.8 (1)	
Daurian Redstart	<i>Phoenicurus aureus</i>	-		0.17 (1)	0.08 (1)
Fork-tailed Sunbird	<i>Aethopyga christinae</i>	-		0.08 (1)	
Eurasian Tree Sparrow	<i>Passer montanus</i>	-			0.33 (4)
Grey Wagtail	<i>Motacilla cinerea</i>	-		0.08 (1)	
White Wagtail	<i>Motacilla alba</i>	-			0.25 (2)
Black-faced Bunting	<i>Emberiza spodocephala</i>	-		0.92 (5)	0.25 (1)
Total No. Species			1	50	43
No. Species of Conservation Importance and/or Wetland-dependent Birds			0	20	17

Note: * **Bold** indicates wetland-dependent species

Conservation and protection status (shaded rows) refer to:

- Fellowes et al. (2002) Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. Memoirs of the Hong Kong Natural History Society 25:123-159.:
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- IUCN (2017) The IUCN Red List of Threatened Species: EN = Endangered; VU = Vulnerable; NT = Near Threatened.
- Red List of China's Vertebrates (RLCV, 2016). Red List of China's Vertebrates. Biodiversity Science: 24 (5) 500-551.: CR = Critically Endangered; EN = Endangered; NT = Near Threatened.
- Ministry of Environmental Protection of the People's Republic of China (2002) China State Major Protection Status: I = Class I Protected Species; II = Class II Protected Species.
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- Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance

APPENDIX C4-1

WWF List of Reptile and Amphibian Species Recorded in MPNR (up to May 2019)

Chinese Name	English Name	Scientific Name	Conservation Importance		
			International ¹	Regional ²	Local ³
受本港法例保護 Protected by law of Hong Kong⁴:					
烏龜	Reeve's Turtle	<i>Chinemys reevesii</i>	EN	CD	
中華鱉	Chinese Soft-shelled Turtle	<i>Pelodiscus sinensis</i>	VU	VU	
緬甸蟒	Burmese Python	<i>Python bivittatus</i>	VU	CR	
滑鼠蛇 / 水律	Common Rat Snake	<i>Ptyas mucosus</i>		EN	
眼鏡蛇 / 飯鏟頭	Chinese Cobra	<i>Naja atra</i>	VU	VU	
眼鏡王蛇 / 過山烏	King Cobra / Hamadryad	<i>Ophiophagus hannah</i>	VU	CR	
馬來閉殼龜	Malaysian Box Turtle	<i>Cuora amboinensis</i>	VU		
並未列入本港法例 Not listed in law of Hong Kong⁴:					
巴西龜 / 紅耳龜	Red-eared Slider	<i>Trachemys scripta elegans</i>			
截趾虎	Four-clawed Gecko	<i>Gehyra mutilata</i>			
原尾蜥虎	Bowring's Gecko	<i>Hemidactylus bowringii</i>			
南滑蜥	Reeve's Smooth Skink	<i>Scincella reevesii</i>			
石龍子	Chinese Skink	<i>Eumeces chinensis chinensis</i>			
長尾南蜥	Long-tailed Skink	<i>Eutropis longicaudata</i>			
南草蜥	Grass Lizard	<i>Takydromus sexlineatus ocellatus</i>			
鈎盲蛇 / 鐵線蛇	Common Blind Snake	<i>Ramphotyphlops braminus</i>			
三索錦蛇 / 三索線	Copperhead Racer	<i>Elaphe radiata</i>		EN	
灰鼠蛇 / 過樹榕	Indo-chinese rat snake	<i>Ptyas korros</i>		EN	
台灣小頭蛇	Taiwan Kukri Snake	<i>Oligodon formosanus</i>			
漁游蛇 / 草花蛇	Checkered Keelback	<i>Xenochrophis flavipunctatus</i>			
黑斑水蛇	Mangrove Water Snake	<i>Enhydris bennettii</i>			高 High
中國水蛇 / 泥蛇	Chinese Water Snake	<i>Enhydris chinensis</i>			
銀環蛇 / 銀腳帶	Many-banded Krait	<i>Bungarus multicinctus multicinctus</i>		VU	
金腳帶 / 金環蛇	Banded Krait	<i>Bungarus fasciatus</i>		EN	
黑眶蟾蜍 / 癩蝦蟆	Asian Common Toad	<i>Bufo melanostictus</i>			
花狹口蛙	Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>			
飾紋姬蛙	Ornate Pigmy Frog	<i>Microhyla fissipes</i>			
花細狹口蛙	Spotted Narrow-mouthed Frog	<i>Kalophrynus interlineatus</i>			
斑腿泛樹蛙	Brown Tree Frog	<i>Polypedates megacephalus</i>			
澤蛙	Paddy Frog	<i>Fejervarya limnocharis</i>			
貢德氏赤蛙 / 沼蛙	Gunther's Frog	<i>Rana guentheri</i>			
虎紋蛙 / 田雞	Chinese Bullfrog	<i>Hoplobatrachus chinensis</i>			

Note:

1 = IUCN Redlist

2 = China Red Data Book

CR = 極度瀕危 Critically Endangered

EN = 瀕危 Endangered

VU = 易危 Vulnerable

CD = 依賴保育 Conservation Dependant

3 = Management plan for the Mai Po Marshes Wildlife Education Centre and Nature Reserve, 2006-2010

4 = Wild Animals Protection Ordinance (Cap.170) or Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586)

APPENDIX C4-2

WWF Mean and Maximum Count of Amphibian Species in each Pond/Gei Wai (2016)

Species	Conservation and Protection Status*		Pond / Gei Wai No.																		
			9	15a	15b	16a	16b	17a	17b	20a	20b	20c	20d	23a	24a	24c	24e	24f	24g	8a	EC
Brown Tree Frog <i>Polypedates megacephalus</i>	-	Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
		Max.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chinese Bullfrog <i>Hoplobatrachus chinensis</i>	PRC; Endangered	Mean	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Max.	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Günther's Frog <i>Hylarana guentheri</i>	-	Mean	1.7	0.7	2.3	0	2	3.7	8	2	1.7	0.3	0.7	0	3.3	3.7	5	4.7	2	3.3	0
		Max.	3	2	5	0	3	5	10	5	5	1	2	0	4	5	7	5	5	8	0
Paddy Frog <i>Fejervarya limnocharis</i>	-	Mean	0	0	0	0	0	0	0.7	0	0	0	0	0	0	0.3	0	0	0	0	0
		Max.	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0

Note: * PRC - Potential Regional Concern (Fellowes *et al.* 2002); Endangered (Red List of China's Vertebrates 2016).

APPENDIX C4-3

Maximum Number of Herpetofauna Species Recorded in the Study Area Including the Project Site (2017)

Common Name	Scientific Name	Conservation and Protection Status [#]	Brackish Gei Wai	Rain-fed Pond	Mangrove	Commercial Fishpond	Developed Area
Reptile							
Red-eared Slider	<i>Trachemys scripta</i>	-		6		1	
Long-tailed Skink	<i>Eutropis longicaudata</i>	-	2			1	1
Chinese Skink	<i>Plestiodon chinensis</i>	-					1
Reeves' Smooth Skink	<i>Scincella reevesii</i>	-	1				2
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	1			1	1
Indo-Chinese Rat Snake	<i>Ptyas korros</i>	PRC; RLCV(VU)					1
Common Rat Snake	<i>Ptyas mucosus</i>	PRC; RLCV(EN); CITES(II); Cap.586	1	1			
Many-banded Krait	<i>Bungarus multicinctus</i>	PRC; RLCV(EN)					1
Chinese Cobra	<i>Naja atra</i>	PRC; RLCV(VU); IUCN(VU); CITES(II); Cap.586	1				1
Checkered Keelback	<i>Xenochrophis flavipunctatus</i>	-	1	1			1
Burmese Python	<i>Python bivittatus</i>	PRC; RLCV(CR); IUCN(VU); CITES(II); CSMPS(I); Cap.170; Cap.586			1		
Common Blind Snake	<i>Indotyphlops braminus</i>	-					1
Bamboo Snake	<i>Cryptelytrops albolabris</i>	-					1
Amphibian							
Asian Common Toad	<i>Duttaphrynus melanostictus</i>	-	2	4		3	7
Asiatic Painted Frog	<i>Kaloula pulchra</i>	-		2			
Ornate Pigmy Frog	<i>Microhyla fissipes</i>	-		20			
Paddy Frog	<i>Fejervarya limnocharis</i>	-	10	10		4	2
Chinese Bullfrog	<i>Hoplobatrachus rugulosus</i>	PRC; RLCV(EN); CSMPS(II)					1
Günther's Frog	<i>Hylarana guentheri</i>	-	5	20		8	1
Brown Tree Frog	<i>Polypedates megacephalus</i>	-	1	5		2	1
Total No. of Species Recorded			9	8	1	6	14
No. of Species of Conservation Importance			2	1	1	0	4

Note: # Conservation and protection status (shaded rows) refer to:

- Fellowes et al. (2002) Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159.:
 - LC=Local Concern; PRC=Potential Regional Concern; RC=Regional; PGC=Potential Global Concern; GC=Global Concern.
 - Letters in parentheses indicate the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
- IUCN (2017) The IUCN Red List of Threatened Species: EN = Endangered; VU = Vulnerable; NT = Near Threatened.
- Red List of China's Vertebrates (RLCV, 2016). *Red List of China's Vertebrates. Biodiversity Science*: 24 (5) 500-551.: CR = Critically Endangered; EN = Endangered; NT = Near Threatened.
- Ministry of Environmental Protection of the People's Republic of China (2002) China State Major Protection Status: I = Class I Protected Species; II = Class II Protected Species.
- Cap. 170 = Chapter 170 Wild Animals Protection Ordinance. All wild birds are protected under Cap. 170.
- Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance

APPENDIX C4-4

Maximum Number of Herpetofauna Species

Recorded in the Study Area Including the Project Site (2019-2020)

Common Name	Scientific Name	Conservation and Protection Status [#]	Brackish Gei Wai	Rain-fed Pond	Commercial Fishpond	Developed Area
Reptile						
Changeable Lizard	<i>Calotes versicolor</i>	-	2			
Long-tailed Skink	<i>Eutropis longicaudata</i>	-	5			1
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	10			10
Common Rat Snake	<i>Ptyas mucosus</i>	PRC; RLCV(EN); CITES(II); Cap.586	1			
Amphibian						
Asian Common Toad	<i>Duttaphrynus melanostictus</i>	-	1	1		3
Asiatic Painted Frog	<i>Kaloula pulchra</i>	-	1			
Ornate Pigmy Frog	<i>Microhyla fissipes</i>	-		3		
Paddy Frog	<i>Fejervarya limnocharis</i>	-		3		
Günther's Frog	<i>Hylarana guentheri</i>	-	80	10	5	1
Number of species recorded			6	5	1	4
Number of species of conservation importance			1	1	0	0

Note: # Conservation and protection status (shaded rows) refer to:

- Fellowes et al. (2002) Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. Memoirs of the Hong Kong Natural History Society 25:123-159.:
 - LC=Local Concern; PRC=Potential Regional Concern; RC=Regional; PGC=Potential Global Concern; GC=Global Concern.
 - Letters in parentheses indicate the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
- IUCN (2017) The IUCN Red List of Threatened Species: EN = Endangered; VU = Vulnerable; NT = Near Threatened.
- Red List of China's Vertebrates (RLCV, 2016). Red List of China's Vertebrates. Biodiversity Science: 24 (5) 500-551.: CR = Critically Endangered; EN = Endangered; NT = Near Threatened.
- Ministry of Environmental Protection of the People's Republic of China (2002) China State Major Protection Status: I = Class I Protected Species; II = Class II Protected Species.
- Cap. 170 = Chapter 170 Wild Animals Protection Ordinance. All wild birds are protected under Cap. 170.
- Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance

APPENDIX C5-1

WWF List of Butterfly Species Recorded in MPNR (up to May 2019)

Chinese Name	English Name	Scientific Name	Conservation Importance		
			International ¹	Regional ¹	Local ¹
鳳蝶科	Swallowtails, Birdwings	Papilionidae			
斑鳳蝶	Common mime	<i>Chilasa clytia</i>			
統帥青鳳蝶	Tailed Jay	<i>Graphium agamemnon agamemnon</i>			
木蘭青鳳蝶	Common Jay	<i>Graphium doson axion</i>			
青鳳蝶	Common Bluebottle	<i>Graphium sarpedon sarpedon</i>			
達摩鳳蝶	Lime Butterfly	<i>Papilio demoleus</i>			
玉斑鳳蝶	Red Helen	<i>Papilio helenus helenus</i>			
美鳳蝶	Great Mormon	<i>Papilio memnon agenor</i>			
巴黎翠鳳蝶	Paris Peacock	<i>Papilio paris paris</i>			
玉帶鳳蝶	Common Mormon	<i>Papilio polytes polytes</i>			
藍鳳蝶	Spangle	<i>Papilio protenor</i>			
柑橘鳳蝶	Swallowtail	<i>Papilio xuthus</i>			
綠鳳蝶	Five-bar Swordtail	<i>Pathysa antiphates antiphates</i>			
裳鳳蝶 ^{2,3}	Common Birdwing ^{2,3}	<i>Troides helena spilotia</i>			
粉蝶科	Whites, Yellows	Pieridae			
靈奇尖粉蝶	Chocolate Albatross	<i>Appias lycinda eleonora</i>			
梨花遷粉蝶	Mottled Emigrant	<i>Catopsilia pyranthe pyranthe</i>			
遷粉蝶	Lemon Emigrant	<i>Catopsilia pomona pomona</i>			
黑脈圍粉蝶	Common Gull	<i>Cepora nerissa</i>			
優越斑粉蝶	Painted Jezebel	<i>Delias hyparete hierte</i>			
報喜斑粉蝶	Red-base Jezebel	<i>Delias pasithoe pasithoe</i>			
槩黃粉蝶	Three-spot Grass Yellow	<i>Eurema blanda hylama</i>			
寬邊黃粉蝶	Common Grass Yellow	<i>Eurema hecabe hecabe</i>			
鶴頂粉蝶	Great Orange Tip	<i>Hebomoia glaucippe</i>			
東方菜粉蝶	Indian Cabbage White	<i>Pieris canidia canidia</i>			
菜粉蝶	Small Cabbage White	<i>Pieris rapae</i>			
弄蝶科	Skippers	Hesperiidae			
黃斑弄蝶	Bush Hopper	<i>Ampittia dioscorides</i>			
袖弄蝶	Formosan Swift	<i>Borbo cinnara</i>			
無斑珂弄蝶	Colon Swift	<i>Caltoris bromus</i>			
黃斑蕉弄蝶	Banana Skipper	<i>Erionota torus</i>			
三斑趾弄蝶	Common Awl	<i>Hasora badra</i>			Medium
雙斑趾弄蝶	Banded Awl	<i>Hasora chromus</i>			
瑪弄蝶	Common Redeye	<i>Matapa aria</i>			
角翅弄蝶	Chestnut Angle	<i>Odontoptilum angulatum</i>			
直紋稻弄蝶	Common Straight Swift	<i>Parnara guttata</i>			
南亞穀弄蝶	Little Branded Swift	<i>Pelopidas agna agna</i>			
黃紋孔弄蝶	Contiguous Swift	<i>Polytremis lubricans lubricans</i>			
孔子黃室弄蝶	Chinese Dart	<i>Potanthus confucius confucius</i>			
斷紋黃室弄蝶	Lesser Band Dart	<i>Potanthus trachala trachala</i>			
素弄蝶	Indian Palm Bob	<i>Suastus gremius gremius</i>			
長標弄蝶	Pale Palm Dart	<i>Telicota colon stinga</i>			
灰蝶科	Blues	Lycaenidae			
鈕灰蝶	Common Hedge Blue	<i>Acytolepis puspa gisca</i>			
綠灰蝶	Green Flash	<i>Artipe eryx eryx</i>			
百孃灰蝶	Powdered Oak Blue	<i>Arhopala bazalus turbata</i>			
緬甸孃灰蝶	Burmese Bush Blue	<i>Arhopala birmana birmana</i>			
咖灰蝶 ¹	Forget-me-not ¹	<i>Catochrysops strabo strabo</i>			
紫灰蝶	Lime Blue	<i>Chilades lajus leucofasciatus</i>			
曲紋紫灰蝶	Plains Cupid	<i>Chilades pandava pandava</i>			

Chinese Name	English Name	Scientific Name	Conservation Importance		
			International ¹	Regional ¹	Local ¹
玳灰蝶	Cornelian	<i>Deudorix epijarbas menesicles</i>			
棕灰蝶	Gram Blue	<i>Euchrysops cnejus cnejus</i>			
長尾藍灰蝶	Tailed Cupid	<i>Everes lacturnus rileyi</i>			
斜斑彩灰蝶	Purple Sapphire	<i>Heliophorus epicles phoenicoparyphus</i>			
斑灰蝶	Common Onyx	<i>Horaga onyx moltrechti</i>			
鐵木菜異灰蝶	Silver Streak Blue	<i>Iraota timoleon timoleon</i>			
雅灰蝶	Dark Cerulean	<i>Jamides bochus bochus</i>			
亮灰蝶	Long-tailed Blue / Pea Blue	<i>Lampides boeticus</i>			
古樓娜灰蝶	Transparent Six-line Blue	<i>Nacaduba kurava euplea</i>			
珀灰蝶	White Royal	<i>Pratapa deva devula</i>			
酢漿灰蝶	Pale Grass Blue	<i>Pseudozizeeria maha serica</i>			
燕灰蝶	Slate Flash	<i>Rapala manea schistacea</i>			
萊灰蝶	Chocolate Royal	<i>Remelana jangala mudra</i>			
銀線灰蝶	Long-banded Silverline	<i>Spindasis lohita formosana</i>			
吉灰蝶	Dark Grass Blue	<i>Zizeeria karsandra karsandra</i>			
毛眼灰蝶	Lesser Grass Blue	<i>Zizina otis otis</i>			
尖翅銀灰蝶	Toothed Sunbeam	<i>Curetis dentate denta</i>			
一點灰蝶	Quaker	<i>Neopithecops zalmora zalmora</i>			
蛭蝶亞科	Metalmarks	Ridiniidae			
蛇目褐蛭蝶	Plum Judy	<i>Abisara echerius echerius</i>			
波蛭蝶	Punchinello	<i>Zemeros flegyas flegyas</i>			
蛭蝶科	Nymphs	Nymphalidae			
波蛭蝶	Angled Castor	<i>Ariadne ariadne alterna</i>			
新月帶蛭蝶	Staff Sergeant	<i>Athyma selenophora leucophryne</i>			
紅鋸蛭蝶	Red Lacewing	<i>Cethosia bibles phanaroia</i>			
白帶螫蛭蝶	Tawny Rajah	<i>Charaxes bernardus bernardus</i>			
黃襟蛭蝶	Rustic	<i>Cupha erymanthis erymanthis</i>			
網絲蛭蝶	Common Mapwing	<i>Cyrestis thyodamas chinensis</i>			
尖翅翠蛭蝶	White-edged Blue Baron	<i>Euthalia phemius seitzii</i>			
黑脈蛭蝶	Red Ring Skirt	<i>Hestina assimilis assimilis</i>			
幻紫斑蛭蝶	Great Egg-fly	<i>Hypolimnas bolina kezia</i>			
斐豹蛭蝶	Indian Fritillary	<i>Argyreus hyperbius hyperbius</i>			
金斑蛭蝶	Danaid Egg-fly	<i>Hypolimnas misippus</i>			Medium
美眼蛭蝶	Peacock Pansy	<i>Junonia almana almana</i>			
波紋眼蛭蝶	Grey Pansy	<i>Junonia atlites atlites</i>			
蛇眼蛭蝶	Lemon Pansy	<i>Junonia lemonias lemonias</i>			
翠藍眼蛭蝶	Blue Pansy	<i>Junonia orithya orithya</i>			
琉璃蛭蝶	Blue Admiral	<i>Kaniska canace canace</i>			
中環蛭蝶	Common Sailer	<i>Neptis hylas hylas</i>			
殘鏢線蛭蝶	Five-dot Sergeant	<i>Parathyma sulphitia</i>			
柱菲蛭蝶	Short-banded Sailor	<i>Phaedyma columella columella</i>			
窄斑鳳尾蛭蝶	Common Nawab	<i>Polyura athamas athamas</i>			
小紅蛭蝶	Painted Lady	<i>Vanessa cardui</i>			
大紅蛭蝶	Indian Red Admiral	<i>Vanessa indica indica</i>			
環蝶亞科	Duffer, Faun	Amathusiidae			
鳳眼方環蝶	Common Duffer	<i>Discophora sondaica tulliana</i>			
串珠環蝶	Large Faun	<i>Faunis eumeus eumeus</i>			
斑蝶亞科	Tigers, Crows	Danaidae			
金斑蝶	Plain Tiger	<i>Danaus chrysippus chrysippus</i>			
虎斑蝶	Common Tiger	<i>Danaus genutia genutia</i>			

Chinese Name	English Name	Scientific Name	Conservation Importance		
			International ¹	Regional ¹	Local ¹
幻紫斑蝶	Common Indian Crow	<i>Euploea core amydone</i>			
藍點紫斑蝶	Blue-spotted Crow	<i>Euploea midamus midamus</i>			
異型紫斑蝶	Striped Blue Crow	<i>Euploea mulciber mulciber</i>			
擬旖斑蝶	Ceylon Blue Glassy Tiger	<i>Ideopsis similis similis</i>			
青斑蝶	Blue Tiger	<i>Tirumala limniace limniace</i>			
眼蝶亞科	Browns	Satyridae			
翠袖鋸眼蝶	Common Palmfly	<i>Elymnias hypermnestra hainana</i>			
白帶黛眼蝶	Banded Tree Brown	<i>Lethe confusa confusa</i>			
長紋黛眼蝶	Bamboo Tree Brown	<i>Lethe europa beroe</i>			
暮眼蝶	Common Evening Brown	<i>Melanitis leda leda</i>			
睇暮眼蝶	Dark Evening Brown	<i>Melanitis phedima muskata</i>			
小眉眼蝶	Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>			
平頂眉眼蝶	South China Bush Brown	<i>Mycalesis zonata</i>			
矚眼蝶	Common Five-ring	<i>Ypthima baldus baldus</i>			

Note: 1 = Fellowes, *et. al.*, 2002

2 = Listed in Protection of Endanger Species of Animals and Plants Ordinance (Cap. 586)

3 = Listed in Wild Animals Protection Ordinance (Cap. 170)

APPENDIX C5-2

WWF Maximum Count of Butterfly Species in MPNR (2016)

Common Name	Scientific Name	Conservation and Protection Status ¹	Hong Kong Status ²	Transects ³									
				G1	G2	G3	G4	R1	R2	R3	R4	R5	
				Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	
Common Awl	<i>Hasora badra</i>	LC	Very Rare	0	1	0	0	1	0	0	0	0	
Bush Hopper	<i>Ampittia dioscorides</i>	-	Uncommon	0	0	0	0	1	0	0	0	0	
Formosan Swift	<i>Borbo cinnara</i>	-	Common	0	0	0	0	2	0	0	1	0	
Rare Swift	<i>Parnara ganga</i>	-	Uncommon	0	0	0	0	0	0	0	1	0	
Common Hedge Blue	<i>Acytolepis puspa</i>	-	Common	0	0	0	0	1	0	0	0	1	
Long-tailed Blue	<i>Lampides boeticus</i>	-	Common	0	0	0	0	0	0	0	1	0	
Pale Grass Blue	<i>Pseudozizeeria maha</i>	-	Very Common	5	10	1	0	12	30	5	8	8	
Silver Streak Blue	<i>Iraota timoleon</i>	-	Uncommon	1	0	0	0	0	0	0	0	0	
Chocolate Royal	<i>Remelana jangala</i>	-	Common	1	2	0	0	0	0	0	0	0	
Common Duffer	<i>Discophora sondaica</i>	-	Uncommon	0	0	0	0	1	0	0	0	0	
Large Faun	<i>Faunis eumeus</i>	-	Common	0	0	0	0	0	0	0	0	1	
Common Tiger	<i>Danaus genutia</i>	-	Common	3	1	0	0	0	0	0	0	1	
Common Indian Crow	<i>Euploea core</i>	-	Common	2	1	0	0	0	0	0	0	0	
Angled Castor	<i>Ariadne ariadne</i>	-	Common	1	0	0	0	0	0	0	0	0	
White-edged Blue Baron	<i>Euthalia phemius</i>	-	Common	0	0	0	0	1	0	1	0	2	
Red-ring Skirt	<i>Hestina assimilis</i>	-	Common	0	0	1	0	3	5	3	6	3	
Great Egg-fly	<i>Hypolimnas bolina</i>	-	Common	4	4	0	0	0	0	1	0	0	
Danaid Egg-fly	<i>Hypolimnas misippus</i>	LC	Uncommon	0	0	0	0	4	3	0	0	0	
Common Sailer	<i>Neptis hylas</i>	-	Very Common	5	2	2	0	2	0	6	7	15	
Short-banded Sailer	<i>Phaedyma columella</i>	-	Common	0	0	0	0	2	0	0	0	0	
Common Palmfly	<i>Elymnias hypermnestra</i>	-	Common	0	0	0	0	1	0	0	0	0	
Banded Tree Brown	<i>Lethe confusa</i>	-	Common	0	0	0	0	0	0	0	1	0	
Common Evening Brown	<i>Melanitis leda</i>	-	Common	0	0	0	0	0	0	0	2	0	
Dark-brand Bush Brown	<i>Mycalesis mineus</i>	-	Very Common	15	4	0	1	20	25	14	20	63	
Common Bluebottle	<i>Graphium sarpedon</i>	-	Very Common	1	0	0	0	0	1	0	0	0	
Red Helen	<i>Papilio helenus</i>	-	Very Common	0	0	0	1	1	0	0	1	0	
Common Mormon	<i>Papilio polytes</i>	-	Very Common	4	1	1	0	4	5	2	0	3	

Common Name	Scientific Name	Conservation and Protection Status ¹	Hong Kong Status ²	Transects ³								
				G1	G2	G3	G4	R1	R2	R3	R4	R5
				Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	Max.
Lemon Emigrant	<i>Catopsilia pomona</i>	-	Common	0	0	0	0	0	0	1	0	0
Mottled Emigrant	<i>Catopsilia pyranthe</i>	-	Very Common	1	0	0	0	0	0	0	0	0
Three-spot Grass Yellow	<i>Eurema blanda</i>	-	Common	0	0	0	0	2	6	3	7	4
Red-base Jezebel	<i>Delias pasithoe</i>	-	Very Common	0	0	0	0	0	0	0	0	1
Great Orange Tip	<i>Hebomoia glaucippe</i>	-	Common	0	0	0	0	0	0	1	4	7
Indian Cabbage White	<i>Pieris canidia</i>	-	Very Common	4	1	2	2	3	6	13	4	20
-	<i>Catochrysops sp.</i>	N/A	Very Rare; Species of Conservation Concern	0	1	0	0	0	0	0	0	0
-	<i>Hesperiidae sp.</i>	N/A	N/A	0	0	0	0	0	1	0	0	0
Number of species recorded				13	11	5	3	18	9	11	13	13
Number of species of conservation importance				0	2	0	0	2	1	0	0	0

Notes:

- Conservation status refers to
 - Fellowes et al. (2002) Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159.: LC = Local Cocern
- Hong Kong Status follows AFCD (2017) AFCD Assessment: Hong Kong Biodiversity Database. Accessed from <<http://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp?lang=en>> in Feb 2017
- Locations of survey transects are shown on **Figure 7-6**.

APPENDIX C5-3

Maximum Number of Butterfly Species

Recorded in the Study Area Including the Project Site (2017)

Common Name	Scientific Name	Conservation and Protection Status ¹	AFCD Assessment ²	Habitat					
				Brackish Gei Wai	Rain-fed Pond	Commercial Fishpond	Developed Area	Mangrove	Wooded Area
Common Awl	<i>Hasora badra</i>	LC	Very Rare	6				1	
Bush Hopper	<i>Ampittia dioscorides</i>	-	Uncommon	2					
Formosan Swift	<i>Borbo cinnara</i>	-	Common	2		1			1
Unidentified Swift	<i>Pelopidas sp.</i>	-	-	1					
Chinese Dart	<i>Potanthus confucius</i>	-	Uncommon	1					
Greenish Palm Dart	<i>Telicota ancilla</i>	-	Uncommon	1					
Grass Demon	<i>Udaspes folus</i>	-	Rare	1					
Chestnut Angle	<i>Odontoptilum angulatum</i>	-	Common	1					
Water Snow Flat	<i>Tagiades litigiousus</i>	-	Common	1					
Purple Sapphire	<i>Heliophorus epicles</i>	-	Common	1		1			1
Common Hedge Blue	<i>Acytolepis puspa</i>	-	Common	1		1			
Forget-me-not	<i>Catochrysops strabo</i>	-	Very Rare; Species of Conservation Concern	2	2				3
Tailed Cupid	<i>Everes lacturnus</i>	-	Common	1					
Small Grass Blue	<i>Famegana alsulus</i>	-	Uncommon	1					
Dark Cerulean	<i>Jamides bochus</i>	-	Common	1					
Long-tailed Blue	<i>Lampides boeticus</i>	-	Common	1		1	1		
Transparent 6-line Blue	<i>Nacaduba kurava</i>	-	Common	1					1
Pale Grass Blue	<i>Pseudozizeeria maha</i>	-	Very Common	15		1	5		1
Dark Grass Blue	<i>Zizeeria karsandra</i>	-	Uncommon	3					
Silver Streak Blue	<i>Iraota timoleon</i>	-	Uncommon						1
Slate Flash	<i>Rapala manea</i>	-	Common	1					
Chocolate Royal	<i>Remelana jangala</i>	-	Common		1			1	
Plum Judy	<i>Abisara echerius</i>	-	Very Common	1					1
Punchinello	<i>Zemeros flegyas</i>	-	Common	1					
Large Faun	<i>Faunis eumeus</i>	-	Common	3					1
Tawny Rajah	<i>Charaxes bernardus</i>	-	Common	1					1
Plain Tiger	<i>Danaus chrysippus</i>	-	Uncommon				1		1

Common Name	Scientific Name	Conservation and Protection Status ¹	AFCD Assessment ²	Habitat					
				Brackish Gei Wai	Rain-fed Pond	Commercial Fishpond	Developed Area	Mangrove	Wooded Area
Common Tiger	<i>Danaus genutia</i>	-	Common	6		1			1
Common Indian Crow	<i>Euploea core</i>	-	Common	3		1		6	
Blue-spotted Crow	<i>Euploea midamus</i>	-	Very Common	5		1		2	1
Ceylon Blue Glassy Tiger	<i>Ideopsis similis</i>	-	Very Common	3					
Glassy Tiger	<i>Parantica aglea</i>	-	Common	1			1		
Blue Tiger	<i>Tirumala limniace</i>	-	Common	1					
Angled Castor	<i>Ariadne ariadne</i>	-	Common	1		1			
Common Sergeant	<i>Athyma perius</i>	-	Uncommon	1					1
Rustic	<i>Cupha erymanthis</i>	-	Very Common	3				1	1
Common Mapwing	<i>Cyrestis thyodamas</i>	-	Common	1					1
Red-ring Skirt	<i>Hestina assimilis</i>	-	Common	2		1			1
Great Egg-fly	<i>Hypolimnas bolina</i>	-	Common	2			1		1
Grey Pansy	<i>Junonia atlites</i>	-	Common	1					
Chocolate Pansy	<i>Junonia iphita</i>	-	Common	1					
Southern Sullied Sailer	<i>Neptis clinia</i>	-	Common	1					
Common Sailer	<i>Neptis hylas</i>	-	Very Common	4	3	1	1		
Five-dot Sergeant	<i>Parathyma sulphitia</i>	-	Common	1					
Short-banded Sailer	<i>Phaedyma columella</i>	-	Common	3	3				
Common Palmfly	<i>Elymnias hypermnestra</i>	-	Common	1	1				
Common Evening Brown	<i>Melanitis leda</i>	-	Common	1					
Dark-brand Bush Brown	<i>Mycalesis mineus</i>	-	Very Common	5			1		
South China Bush Brown	<i>Mycalesis zonata</i>	-	Common	3					
Common Five-ring	<i>Ypthima baldus</i>	-	Common	3		1			
Straight Five-ring	<i>Ypthima lisandra</i>	-	Common	1					
Common Mime	<i>Chilasa clytia</i>	-	Common	1		1			
Tailed Jay	<i>Graphium agamemnon</i>	-	Common	1					2
Common Jay	<i>Graphium doson</i>	-	Common	1					
Common Bluebottle	<i>Graphium sarpedon</i>	-	Very Common	1					1

Common Name	Scientific Name	Conservation and Protection Status ¹	AFCD Assessment ²	Habitat					
				Brackish Gei Wai	Rain-fed Pond	Commercial Fishpond	Developed Area	Mangrove	Wooded Area
Chinese Peacock	<i>Papilio bianor</i>	-	Common	1					
Lime Butterfly	<i>Papilio demoleus</i>	-	Common	1					
Red Helen	<i>Papilio helenus</i>	-	Very Common	5		1			
Great Mormon	<i>Papilio memnon</i>	-	Very Common	1	2	1	1		1
Paris Peacock	<i>Papilio paris</i>	-	Very Common	1		1	1		
Common Mormon	<i>Papilio polytes</i>	-	Very Common	1	3	1	1		1
Spangle	<i>Papilio protenor</i>	-	Very Common	1	3	1			
Lemon Emigrant	<i>Catopsilia pomona</i>	-	Common	2		1			
Mottled Emigrant	<i>Catopsilia pyranthe</i>	-	Very Common			1	1		
Three-spot Grass Yellow	<i>Eurema blanda</i>	-	Common	1					
Common Grass Yellow	<i>Eurema hecabe</i>	-	Very Common	5			3		
Red-base Jezebel	<i>Delias pasithoe</i>	-	Very Common	8		1	1		
Great Orange Tip	<i>Hebomoia glaucippe</i>	-	Common	1		1			
Indian Cabbage White	<i>Pieris canidia</i>	-	Very Common	6		1	1		1
Small Cabbage White	<i>Pieris rapae</i>	-	Rare	1	1				1
No. of Species Recorded				66	9	23	14	5	23
No. of Species of Conservation Importance				4	2	0	0	1	2

Notes:

- Conservation status refers to
 - Fellows et al. (2002) Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159.: LC = Local Concern
- AFCD 2016 Hong Kong Biodiversity Database. Accessed from <<http://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp?lang=en>> in Dec 2016.

APPENDIX C5-4

Maximum Number of Butterfly Species

Recorded in the Study Area Including the Project Site (2019-2020)

Common Name	Scientific Name	Conservation and Protection Status ¹	AFCD Assessment ²	Habitat		
				Brackish Gei Wai	Rain-fed Pond	Commercial Fishpond
Common Awl	<i>Hasora badra</i>	LC	Very Rare	5		
Small Grass Blue	<i>Famegana alsulus</i>	-	Uncommon	1		
Tailless Line Blue	<i>Prosotas dubiosa</i>	-	Vagrant	1		
Pale Grass Blue	<i>Pseudozizeeria maha</i>	-	Very Common	5	3	
Plum Judy	<i>Abisara echerius</i>	-	Very Common	3		
Common Tiger	<i>Danaus genutia</i>	-	Common	3		
Common Indian Crow	<i>Euploea core</i>	-	Common	6		
Blue-spotted Crow	<i>Euploea midamus</i>	-	Very Common	9	4	
Ceylon Blue Glassy Tiger	<i>Ideopsis similis</i>	-	Very Common		2	
Blue Tiger	<i>Tirumala limniace</i>	-	Common	3		
Angled Castor	<i>Ariadne ariadne</i>	-	Common	1	2	1
Rustic	<i>Cupha erymanthis</i>	-	Very Common	2		
Red-ring Skirt	<i>Hestina assimilis</i>	-	Common	2	2	
Great Egg-fly	<i>Hypolimnas bolina</i>	-	Common	4	2	
Common Sailer	<i>Neptis hylas</i>	-	Very Common	2	1	
Dark-brand Bush Brown	<i>Mycalesis mineus</i>	-	Very Common	6	3	
Common Five-ring	<i>Ypthima baldus</i>	-	Very Common	1		
Common Mime	<i>Chilasa clytia</i>	-	Common	1		
Tailed Jay	<i>Graphium agamemnon</i>	-	Common	1		
Common Bluebottle	<i>Graphium sarpedon</i>	-	Very Common	1		
Great Mormon	<i>Papilio memnon</i>	-	Very Common	1		
Paris Peacock	<i>Papilio paris</i>	-	Very Common	2		
Common Mormon	<i>Papilio polytes</i>	-	Very Common	4	1	
Lemon Emigrant	<i>Catopsilia pomona</i>	-	Common	5	1	
Common Grass Yellow	<i>Eurema hecabe</i>	-	Very Common		3	
Red-base Jezebel	<i>Delias pasithoe</i>	-	Very Common	2		
Indian Cabbage White	<i>Pieris canidia</i>	-	Very Common	3		
No. of Species Recorded				26	11	1
No. of Species of Conservation Importance				2	0	0

Notes:

1. Conservation status refers to Fellowes et al. (2002) Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159.: LC = Local Concern
2. AFCD 2016 Hong Kong Biodiversity Database. Accessed from <<http://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp?lang=en>> in Dec 2016.

APPENDIX C6-1
WWF List of Odonate Species
Recorded in MPNR (up to May 2019)

Chinese Name	English Name	Scientific Name	Conservation Importance		
			International ¹	Regional ²	Local ²
杯斑小蟳	Orange-tailed Midget	<i>Agriocnemis femina</i>			
黃尾小蟳	Wandering Midget	<i>Agriocnemis pygmaea</i>			
琉球橘黃蟳	Orange-tailed Sprite	<i>Ceriagrion aurantiacum ryukyuanum</i>			
東亞異痣蟳	Asian Bluetail	<i>Ischnura asiatica</i>			
褐斑異痣蟳	Common Bluetail	<i>Ischnura senegalensis</i>			
廣瀨妹蟳	Four-spot Midget	<i>Mortonagrion hirosei</i>	NT	Medium	Medium
毛面同痣蟳	Marsh Dancer	<i>Onychargia atrocyana</i>			
黑背尾蟳	Eastern Lilysquatter	<i>Paracercion melanotum</i>			
烏齒原蟳	Black Threadtail	<i>Prodasineura autumnalis</i>			
綠斑蟳	Blue Sprite	<i>Pseudagrion microcephalum</i>			High
丹頂斑蟳	Orange-faced Sprite	<i>Pseudagrion rubriceps rubriceps</i>			
白狹扇蟳	Black-kneed Featherlegs	<i>Copera ciliata</i>			
黃狹扇蟳	Yellow Featherlegs	<i>Copera marginipes</i>			
碧翠蜓	Common Evening Hawer	<i>Anaciaeschna jaspidea</i>			
斑偉蜓	Pale-spotted Emperor	<i>Anax guttatus</i>			
碧偉蜓	Lesser Emperor	<i>Anax parthenope</i>			
跳長尾蜓	Little Dusk-hawker	<i>Gynacantha saltatrix</i>			
日本長尾蜓	Blue-spotted Dusk-hawker	<i>Gynacantha japonica</i>			Medium
細腰長尾蜓	Dingy Dusk-hawker	<i>Gynacantha subinterrupta</i>			Medium
霸王葉春蜓	Common Flangetail	<i>Ictinogomphus pertinax</i>			
大團扇春蜓	Golden Flangetail	<i>Sinictogomphus clavatus</i>			
鈎尾副春蜓	Tawny Hooktail	<i>Paragomphus capricornis</i>		High	High
閃藍麗大蜻	Regal Pond Cruiser	<i>Epothemia elegans</i>			
錐腹蜻	Asian Pintail	<i>Acisoma panorpoides</i>			
藍額疏脈蜻	Blue Dasher	<i>Brachydiplax chalybea</i>			
黃翅蜻	Asian Amberwing	<i>Brachythemis contaminata</i>			
紅蜻	Crimson Darter	<i>Crocothemis servilia</i>			
斑藍小蜻	Black-tipped Percher	<i>Diplacodes nebulosa</i>			Medium
紋藍小蜻	Blue Percher	<i>Diplacodes trivalis</i>			
臀斑楔翅蜻	Amber-winged Glider	<i>Hydrobasileus croceus</i>			
華麗寬腹蜻	Forest Chaser	<i>Lyriothemis elegantissima</i>			
高翔滌蜻	Coastal Glider	<i>Macrodiplax cora</i>			High
短腹異蜻	Elusive Adjutant	<i>Aethriamanta brevipennis brevipennis</i>			
網脈蜻	Russet Percher	<i>Neurothemis fulvia</i>			
截斑脈蜻	Pied Percher	<i>Neurothemis tullia</i>			
華麗灰蜻	Red-faced Skimmer	<i>Orthetrum chrysis</i>			
黑尾灰蜻	Common Blue Skimmer	<i>Orthetrum glaucum</i>			
呂宋灰蜻	Marsh Skimmer	<i>Orthetrum luzonicum</i>			
黑異色灰蜻	Greater Blue Skimmer	<i>Orthetrum melania</i>			
斑灰蜻	Mangrove Skimmer	<i>Orthetrum poecilops poecilops</i>		Medium	High
赤褐灰蜻	Common Red Skimmer	<i>Orthetrum pruinosum neglectum</i>			
狹腹灰蜻	Green Skimmer	<i>Orthetrum sabina sabina</i>			
六斑曲緣蜻	Asian Widow	<i>Palpopleura sexmaculata sexmaculata</i>			

Chinese Name	English Name	Scientific Name	Conservation Importance		
			International ¹	Regional ²	Local ²
黃蜻	Wandering Glider	<i>Pantala flavescens</i>			
濕地狹翅蜻	Blue Chaser	<i>Potamarcha congener</i>			
玉帶蜻	Pied Skimmer	<i>Pseudothemis zonata</i>			
斑麗翅蜻	Variegated Flutterer	<i>Rhyothemis variegata arria</i>			
雲斑蜻	Evening Skimmer	<i>Tholymis tillarga</i>			
華斜痣蜻	Saddlebag Glider	<i>Tramea virginia</i>			
曉褐蜻	Crimson Dropwing	<i>Trithemis aurora</i>			
慶褐蜻	Indigo Dropwing	<i>Trithemis festiva</i>			
赤斑曲鈎脈蜻	Scarlet Basker	<i>Urothemis signata signata</i>			
細腹綠眼蜻	Dingy Dusk-darter	<i>Zyxomma petiolatum</i>			

Note:

1 = IUCN Redlist

2 = Fellowes, et. al., 2002

APPENDIX C6-2

WWF Maximum Count of Odonate Species in MPNR (2016)

Common Name	Scientific Name	Conservation and Protection Status	Hong Kong Status	Pond Number											
				16b	17b	20c	20d	20e	20f	24a	24c	24e	24f	24g	
Asian Pintail	<i>Acisoma panorpoides</i>	-	Common		2	1					4	12	16	3	
Orange-tailed Midget	<i>Agriocnemis femina</i>	-	Abundant	4	1	1	1				1				1
Wandering Midget	<i>Agriocnemis pygmaea</i>	-	Common	5											
-	<i>Agriocnemis sp.</i>	-	-	1		1							1		1
Lesser Emperor	<i>Anax parthenope</i>	-	Common				1		3	1					
-	<i>Anax sp.</i>	-	-	1		2	2	2	2						
Blue Dasher	<i>Brachydiplax chalybea</i>	-	Common	5	1	3	5	10	6	1	12	26			1
Asian Amberwing	<i>Brachythemis contaminata</i>	-	Abundant	10	2	10	18	6	11	10	2	9	9		17
Orange-tailed Sprite	<i>Ceriatagrion auranticum</i>	-	Abundant	6		6	16	2		1	4	20	1		
Crimson Darter	<i>Crocothemis servilia</i>	-	Abundant	2	1	1	1	1	5	4	4	2	12		11
Amber-winged Glider	<i>Hydrobasileus croceus</i>	-	Common	1											
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	Common	2	1	5	4	2	6	5	1		3		6
Common Bluetail	<i>Ischnura senegalensis</i>	-	Abundant	21	2	11	3	9	2	2	24	400	2		7
Coastal Glider	<i>Macrodiplax cora</i>	LC	Common	1		5	2		4	2	1		1		
Pied Percher	<i>Neurothemis tullia</i>	-	Common	2	1						2	8			3
Green Skimmer	<i>Orthetrum sabina</i>	-	Abundant	5	1	6	3	6	3	3	3	2	4		5
Wandering Glider	<i>Pantala flavescens</i>	-	Abundant	30	1	7	35	5	40	4	1	2	10		2
Blue Sprite	<i>Pseudagrion microcephalum</i>	LC	Common	1											
Pied Skimmer	<i>Pseudothemis zonata</i>	-	Common					1			1				
Ruby Darter	<i>Rhodothemis rufa</i>	LC	Common		1					1	1	13			
Variegated Flutterer	<i>Rhyothemis variegata</i>	-	Common	15	3	6	8	15	8	15	10	20	4		4
Golden Flangetail	<i>Sinictinogomphus clavatus</i>	-	Common			1		2							
Evening Skimmer	<i>Tholymis tillarga</i>	-	Common	4				10							
Saddlebag Glider	<i>Tramea virginia</i>	-	Abundant			1	1	5	2						
Scarlet Basker	<i>Urothemis signata</i>	LC	Common							1					1
Number of species recorded				18	12	16	14	14	12	15	14	12	10	12	
Number of species of conservation importance				2	1	1	1	0	1	3	2	1	1	1	

Notes:

- Conservation status refers to: Fellowes et al. (2002) Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159.: LC = Local Concern
- AFCD 2016 Hong Kong Biodiversity Database. Accessed from <<http://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp?lang=en>> in Dec 2016.

APPENDIX C6-3

Maximum Number of Odonate Species

Recorded in the Study Area Including the Project Site (2017)

Common Name	Scientific Name	Conservation and Protection Status ¹	AFCD ²	Brackish Gei Wai	Rain-fed Pond	Commercial Fishpond	Developed Area	Mangrove	Wooded Area
Orange-tailed Midget	<i>Agriocnemis femina</i>	-	Abundant	3	3		1		
Orange-tailed Sprite	<i>Ceriagrion auranticum</i>	-	Abundant	5	3	1			
Common Bluetail	<i>Ischnura senegalensis</i>	-	Abundant	5	1	2			
Four-spot Midget	<i>Mortonagrion hirosei</i>	GC; IUCN(NT)	Common					2	
Pale-spotted Emperor	<i>Anax guttatus</i>	-	Common	2	2				
Lesser Emperor	<i>Anax parthenope</i>	-	Common	1	1				
Common Flangetail	<i>Ictinogomphus pertinax</i>	-	Common	5		1	1		
Golden Flangetail	<i>Sinictinogomphus clavatus</i>	-	Common	2	1				
Blue Dasher	<i>Brachydiplax chalybea</i>	-	Common	3	1	1	1		
Asian Amberwing	<i>Brachythemis contaminata</i>	-	Abundant	7	1	3	1		
Crimson Darter	<i>Crocothemis servilia</i>	-	Abundant	5	1		3		
Blue Percher	<i>Diplacodes trivialis</i>	-	Abundant	1	1				
Russet Percher	<i>Neurothemis fulvia</i>	-	Common	10	1				
Pied Percher	<i>Neurothemis tullia</i>	-	Common	15	2				
Common Blue Skimmer	<i>Orthetrum glaucum</i>	-	Abundant	1	3				
Mangrove Skimmer	<i>Orthetrum poecilops</i>	GC; IUCN(VU)	Uncommon	2					
Common Red Skimmer	<i>Orthetrum pruinatum</i>	-	Abundant	2	3				
Green Skimmer	<i>Orthetrum sabina</i>	-	Abundant	100	6	1	2		
Wandering Glider	<i>Pantala flavescens</i>	-	Abundant	15	15	15	23	3	15
Pied Skimmer	<i>Pseudothemis zonata</i>	-	Common	10	1				
Variiegated Flutterer	<i>Rhyothemis variegata</i>	-	Common	50	2		5		
Evening Skimmer	<i>Tholymis tillarga</i>	-	Common	1			1		
Saddlebag Glider	<i>Tramea virginia</i>	-	Abundant	2	2	3	2		
Crimson Dropwing	<i>Trithemis aurora</i>	-	Abundant	2	2				
Scarlet Basker	<i>Urothemis signata</i>	LC	Common	1			1		
No. of Species Recorded				24	20	8	11	2	1
No. of Species of Conservation Importance				2	0	0	1	1	0

Notes:

- Conservation status refers to:
 - Fellowes et al. (2002) Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159.
LC = Local Concern, GC = Global Concern
 - IUCN (2017) The IUCN Red List of Threatened Species: VU = Vulnerable; NT = Near Threatened.
- AFCD 2016 Hong Kong Biodiversity Database. Accessed from <<http://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp?lang=en>> in Dec 2016.

APPENDIX C6-4

Maximum Number of Odonate Species

Recorded in the Study Area Including the Project Site (2019-2020)

APPENDIX C7-1

WWF Number of Fireflies Recorded (2018-2019)

A. Number of *Pteroptyx maipo*

Pond No.	28/4/18	26/5/18	9/6/18	22/7/18	19/8/18	2/9/18	27/9/18	19/5/19	26/5/19	6/6/19	16/6/19	6/7/19	24/8/19	8/9/19	21/9/19	29/9/19
Southern Gei Wai																
18	10		5	11	12	3	5	21				2	1	1		2
19	30	11	6	18	23	5	46	8	2		2	1				5
24F,G	8		5		10	54	15	8	4		1			9	11	3
24E	4				8	5	16	28	2	5				2	14	
24C	1	3	1		12	5	19	40	2	8				1	12	
24A	5				1	5	8	16	1	1	5	4		3	14	1
23	7					1	3	15	3		1		2	2	4	
22b	20				4	13	11			13		1		3	5	3
22A	22						22				2			1		
Sub Total	107	14	17	29	70	91	145	136	27	14	12	7	6	24	58	13
Border Fence																
21,21a				NA	NA							NA	NA			
20				NA	NA							NA	NA			
18,19				NA	NA	7	8	1		1		NA	NA			
16,17				NA	NA	19	12	1				NA	NA			
13,14				NA	NA	3	7	2				NA	NA			
12		1		NA	NA	1	5	6				NA	NA			
11				NA	NA		2					NA	NA			
10				NA	NA							NA	NA			
8B				NA	NA							NA	NA			
7				NA	NA							NA	NA			
6				NA	NA						1	NA	NA			
3,4	5			NA	NA		5	2				NA	NA			
3	11			NA	NA							NA	NA			
Sub Total	16	1	0	0	0	30	39	12	0	1	1	0	0	0	0	0
Total	123	15	17	29	70	121	184	148	27	15	13	7	6	24	58	13

B. Number of *Pyrocoelia analis*

Pond No.	28/4/18	26/5/18	9/6/18	22/7/18	19/8/18	2/9/18	27/9/18	19/5/19	26/5/19	6/6/19	16/6/19	6/7/19	24/8/19	8/9/19	21/9/19	29/9/19
Southern Gei Wai																
18				1	3				11		1	1	1			
19			2			2			20				2	3		
24F, G	1	68	1		2				20							
24E		32			1				17		1					
24C					2				3							
24A									2							
23						4			12							
22b									9				2		2	
22A							1						1			
Sub Total	1	100	3	1	8	6	1	0	94	0	2	1	6	3	2	0
Border Fence																
21,21a				NA	NA							NA	NA			
20				NA	NA							NA	NA			
18,19		1		NA	NA							NA	NA			
16,17				NA	NA	1						NA	NA			
13,14				NA	NA							NA	NA			
12				NA	NA			1				NA	NA			
11		6		NA	NA							NA	NA			
10				NA	NA							NA	NA			
8B				NA	NA							NA	NA			
7				NA	NA							NA	NA			
6				NA	NA						2	NA	NA			
3,4			1	NA	NA	2						NA	NA			
3, PSFSC				NA	NA							NA	NA			
Sub Total	0	7	1	0	0	3	0	1	0	0	2	0	0	0	0	0
Total	1	107	4	1	8	9	1	1	94	0	4	1	6	3	2	0

APPENDIX C7-2

Number of *Pteroptyx maipo* Recorded (2020)

Date	28/4/2020			19/5/2020			17/6/2020			28/7/2020			24/8/2020			
	Distance from path	<5m	5-10m	>10m	<5m	5-10m	>10m	<5m	5-10m	>10m	<5m	5-10m	>10m	<5m	5-10m	>10m
Pond No.																
19	3		1	2			4	4	8	1						3
24f								2								5
24g	2						4	2	5					20		
24e							6	8	4	1				20	10	
24c	1			1			6	7	3							
24a	2			7	3											
23	2	1		7	2											
22b	2	1														
22a	2			6	2											
Stream (22a)	1															
Total	15	2	1	23	7	0	20	23	20	2	0	0	0	40	18	

APPENDIX C8-1

WWF List of Fish Species Recorded in MPNR (Up to May 2019)

Chinese Name	English Name	Scientific Name
灰鰭棘鯛	White seabream/ Gold silk seabream	<i>Acanthopagrus berda</i>
黃腳(魚立) / 黃鰭鯛	Yellowfin Seabream	<i>Acanthopagrus latus</i>
黑鯛	Black bream	<i>Acanthopagrus schlegeli</i>
眶棘雙邊魚 / 透明梳蘿	Bald glassy	<i>Ambassis gymnocephalus</i>
攀鱸	Climbing Perch	<i>Anabas testudineus</i>
日本鰻鱺 / 白鰻	Japanese Eel	<i>Anguilla japonica</i>
大彈塗魚	Blue-spotted Mud Skipper	<i>Boleophthalmus pectinirostris</i>
烏塘鱧	Chinese black sleeper	<i>Bostrychus sinensis</i>
黑點嶗塘鱧	Crimson-tipped flathead gudgeon	<i>Butis melanostigma</i>
鯽魚	Goldfish	<i>Carassius auratus</i>
月鱧 / 山斑	Small Snakehead	<i>Channa asiatica</i>
斑鱧 / 生魚	Spotted Snakehead	<i>Channa maculata</i>
烏頭 / 魮	Mullet	<i>Chelon</i> sp.
鮫魚	Mud carp	<i>Cirrhinus molitorella</i>
塘虱 / 鬍鯰	Catfish	<i>Clarias fuscus</i>
尖齒鬍鯰	North African catfish	<i>Clarias gariepinus</i>
草魚	Grass carp	<i>Ctenopharyngodon idellus</i>
鯉魚	Common carp	<i>Cyprinus carpio</i>
黑體塘鱧	Black sleeper	<i>Eleotris melanosoma</i>
尖頭塘鱧	Sharphead sleeper	<i>Eleotris oxycephala</i>
海鯪 / 竹鯪	Ladyfish	<i>Elops saurus</i>
食蚊魚	Mosquito fish	<i>Gambusia affinis</i>
斑紋舌鰕虎魚,	Spotty band goby	<i>Glossogobius olivaceus</i>
大口呆塘鱧	Bigmouth sleeper	<i>Gobiomorus dormitor</i>
鱸魚	Common Sea Bass	<i>Lateolabrax japonicus</i>
盲鱮	Barramundi	<i>Lates calcarifer</i>
黃鰻	Swampy Eel	<i>Monopterus albus</i>
烏頭 / 魮	Grey Mullet	<i>Mugil cephalus</i>
粗鱗鮫 / 烏魚	Green-backed Mullet	<i>Mugil dussumieri</i>
阿部魮鰕虎魚	Estuarine Goby	<i>Mugilogobius abei</i>
諸氏魮鰕虎魚	Yellowstripe goby	<i>Mugilogobius chulae</i>
鰱魚	-	<i>Ochetobius elongatus</i>
西里伯蛇鰻	-	<i>Ophichthus celebicus</i>
金山鯽 / 福壽魚	Mozambique Tilapia	<i>Oreochromis mossambicus</i>
尼羅麗鯛	Nile Tilapia	<i>Oreochromis niloticus</i>
彈塗魚	Common Mud-skipper	<i>Periophthalmus cantonensis</i>
大鰭彈塗魚	-	<i>Periophthalmus magnuspinnatus</i>
豆齒鰻	Snake eel	<i>Pisodonophis</i> sp.
鮠 / 牛魮	Bartail Flathead	<i>Platycephalus indicus</i>

Chinese Name	English Name	Scientific Name
爪哇擬鰕虎魚	-	<i>Pseudogobius javanicus</i>
台江擬鰕虎魚	-	<i>Pseudogobius taijiangensis</i>
麥穗魚	Topmouth gudgeon	<i>Pseudorasbora parva</i>
斑紋雷鰕虎魚	Speckled goby	<i>Redigobius bikolanus</i>
子陵吻鰕虎魚	Barcheek goby	<i>Rhinogobius giurinus</i>
田柳 / 青彈塗魚	Walking Goby	<i>Scartelaos viridis</i>
金鼓	Spotted Silver Scat	<i>Scatophagus argus</i>
星鱸	Red drum	<i>Sciaenops ocellatus</i>
海龍	Seaweed Piperfish	<i>Syngnathus</i> sp
鬚鰻鰕虎魚	Bearded eel goby	<i>Taenioides cirratus</i>
釘公	Jarbug Terapon	<i>Terapon jarbua</i>
雙帶縞鰕虎魚	Shimofuri goby	<i>Tridentiger bifasciatus</i>
紋縞鰕虎魚 / 條紋三叉鰕虎魚	Chameleon goby	<i>Tridentiger trigonocephalus</i>
圓領針魚	Spottail Needlefish	<i>Tylosurus strongylurus</i>

APPENDIX C8-2

Maximum Count of Aquatic Fauna
at Each Pond/Gei Wai in MPNR (2016). Source WWF.

Scientific Name	Common Name	Conservation and Protection Status	Hong Kong Status	Pond/Gei Wai No.																
				3&4	6	7	8b	10	11	12	13	14	15B	16/17	18	19	20	21	22	23
Fish																				
<i>Ambassis gymnocephalus</i>	Glassy Perchlet	-	Common	1	1	32	862	1	1	1	57	2		1		1		3		19
<i>Anabas testudineus</i>	Climbing Perch	-	-				1							1				1	1	
<i>Bostrychus sinensis</i>	Chinese Black Sleeper	-	Uncommon																	1
<i>Carassius auratus</i>	Goldfish	-	-										1							
<i>Channa spp.</i>	-	-	-				1			1	5		1	1		1	29	2		2
<i>Chelon sp.</i>	-	-	-			1		1						211	1			1		
<i>Clarias fuscus</i>	Whitespotted Walking Catfish	-	Common				1									1				
<i>Cyprinus carpio</i>	Common Carp	IUCN(VU) ^{1,2}	-				1													
-	Eel	-	-													1				
<i>Elops saurus</i>	Ladyfish	-	-								1	1		140	1	1				216
<i>Gambusia affinis</i>	Mosquito Fish	-	Common	1	1	1	1		1	17	32		120	28		44	25	1		15
Gobiidae	-	-	-	1	37	1	1	1	1	1	5	1	8	28	1	1	5	10		1
<i>Ilisha elongata</i>	White Herring	-	-																12	
<i>Monopterus albus</i>	Swampy Eel	-	Common																1	
<i>Periophthalmus modestus</i>	Common Mudskipper	-	Common								1			1					1	
<i>Mugil cephalus</i>	Grey Mullet	-	Common			1	1	94		1	2	1		1	1	3		1		20
<i>Platycephalus indicus</i>	Bartail Flathead	-	-											1					2	1
<i>Scorpaenopsis sp.</i>	-	-	-			1														
-	Tilapia	-	-	4123	56	170	1	48	1	19	117	45	3	14861	163	10	3	24		48
-	Fish larvae	-	-	1	1	6	1		46		6	78				1				1
-	Unidentified fish	-	-			1				1	1			4		4	1	4		1
Crustaceans																				
<i>Caridina spp.</i>	-	-	-		135	2								1						
<i>Macrobrachium spp.</i>	-	-	-	1	13	50	8	699	107	1	22	18	148	294	1	190	633	169		86
<i>Metapenaeus sp.</i>	-	-	-	465		1	267	1	1	1	80	235	3	292	1	800	285	155	1	251
<i>Penaeus merguensis</i>	-	-	-					1			47			1	1058				1	
<i>Perisesarma bidens</i>	-	-	-								1									

Scientific Name	Common Name	Conservation and Protection Status	Hong Kong Status	Pond/Gei Wai No.																
				3&4	6	7	8b	10	11	12	13	14	15B	16/17	18	19	20	21	22	23
<i>Scylla serrata</i>	-	-	-					1			1			1	1			1		1
<i>Sesarmine meguiensis</i>	-	-	-								1									
<i>Sesarmine</i> spp.	-	-	-								1					1				
<i>Uca</i> spp.	-	-	-								1									
<i>Varuna litterata</i>	-	-	-					1	1		12			1	1	6	1	2		1
-	Unidentified crab	-	-								6					2				1
-	Unidentified shrimp	-	-															1		20

Note:

1. IUCN (2020) The IUCN Red List of Threatened Species: VU = Vulnerable
2. The IUCN status of *C. carpio* applies to its native populations in the Black, Caspian and Aral Sea basins. Outside its native geographic range, the species has been introduced throughout the world and cultivated in large quantities for human food and stocked for sport fishing

APPENDIX C8-3

Maximum Count of Fish Species in MPNR (2019-2020)

Common Name	Scientific Name	Conservation and Protection Status ¹	Status in HK	Abundance in Project Site
Fish				
-	<i>Elops</i> sp.	N/A	N/A	20
Four-eyed Sleeper	<i>Bostrychus sinensis</i>	-	Uncommon	2
Mud Sleeper	<i>Butis koilomatodon</i>	-	-	2
-	<i>Gobiopterus macrolepis</i>	RLCV(VU)	-	500
Yellowstripe Goby	<i>Mugilogobius chulae</i>	-	Common	2
Javanese Fatnose Goby	<i>Pseudogobius javanicus</i>	-	Common	1
-	<i>Pseudogobius taijiangensis</i>	-	-	2
Speckled Goby	<i>Redigobius bikolanus</i>	-	-	1
-	<i>Wuhanlinigobius polylepis</i>	N/A	N/A	3
-	<i>Hippichthys</i> sp.	N/A	N/A	1
Crustaceans				
Mangrove Crab	<i>Uca crassipes</i>	-	N/A	30
Mangrove Crab	<i>Uca arcuata</i>	-	N/A	30
Mangrove Crab	<i>Sesarma sinensis</i>	-	N/A	10
Mangrove Crab	<i>Sesarma bidens</i>	-	N/A	15
Blue-spotted Mudskipper	<i>Boleophthalmus pectinirostris</i>	-	N/A	10
Common Mudskipper	<i>Periophthalmus modestus</i>	-	N/A	15
Total No. of Species				16
No. Species of Conservation Importance				1

Note:

1. Red List of China's Vertebrates (RLCV, 2016). Red List of China's Vertebrates. Biodiversity Science: 24 (5) 500-551.: VU = Vulnerable

APPENDIX C9-1

Findings of Benthic Survey in Project Site and Wider Study Area (2017)

Gei Wai / Ponds within Project Site

Sampling site: Pond 7										
No	Group	Species	A		B		C		row sum	
			ind.	label	ind.	label	ind.	label	ind.	
1	In	Chironominae spp. (larvae)					1	in	1	
2	P	<i>Notomastus</i> sp.			15	p1	2	p1	17	
									0	
		column sum	0		15		3		18	

In = Insect, P = Polychaete; ind. = no. of individual

Sampling site: Pond 8A										
No	Group	Species	A		B		C		row sum	
			ind.	label	ind.	label	ind.	label	ind.	
1	A	<i>Corophium</i> sp.			2	a			2	
2	B	<i>Corbicula fluminea</i>			1	b1	2	b1	3	
3	G	<i>Pomacea lineata</i>					1	g1	1	
4	P	<i>Notomastus</i> sp.	3	p1	2	p1	2	p1	7	
		column sum	3		5		5		13	

A = Amphipod, B = Bivalve, G = Gastropod, P = Polychaete; ind. = no. of individual

Sampling site: Pond 9										
No	Group	Species	A		B		C		row sum	
			ind.	label	ind.	label	ind.	label	ind.	
1	G	<i>Pomacea lineata</i>	1	g1					1	
		column sum	1		0		0		1	

G = Gastropod; ind. = no. of individual

Sampling site: Pond 20E										
No	Group	Species	A		B		C		row sum	
			ind.	label	ind.	label	ind.	label	ind.	
1	G	<i>Melanoides tuberculata</i>	1	g2	1	g1			2	
2	G	<i>Pomacea lineata</i>	5	g1			1	g1	6	
									0	
		column sum	6		1		1		8	

G = Gastropod; ind. = no. of individual

Intertidal Mudflat/Mangrove - Wider Study Area

Sampling site: Boardwalk A (close to gate)										
No	Group	Species	1		2		3		row sum	
			ind.	label	ind.	label	ind.	label	ind.	
									0	
		column sum	0		0		0		0	

ind. = no. of individual

Sampling site: Boardwalk B (further from gate)										
No	Group	Species	1		2		3		row sum	
			ind.	label	ind.	label	ind.	label	ind.	
1	A	<i>Corophium</i> sp.			2	a1			2	
2	P	<i>Cirriformia</i> sp.	1	p1			2	p1	3	
3	P	<i>Laonome triangularis</i>			1	p1			1	
									0	
		column sum	1		3		2		6	

A = Amphipod, P = Polychaete; ind. = no. of individual

Note:

1. Benthic survey locations are shown on **Figure 7-7**

APPENDIX C9-2

Findings of Benthic Survey in Project Site and Wider Study Area (2020)

Gei Wai / Ponds within Project Site

Sampling Site: Pond 8B						
No.	Taxa	Species	No. of individual			total
			Sample A	Sample B	Sample C	
1	Polychaete	<i>Laonome sp.</i>	0	2	0	2

Sampling Site: Pond 20F						
No.	Taxa	Species	No. of individual			total
			Sample A	Sample B	Sample C	
No recorded species.						

Sampling Site: Boardwalk A (close to gate)						
No.	Taxa	Species	No. of individual			total
			Sample A	Sample B	Sample C	
No recorded species.						

Sampling Site: Boardwalk B (further from gate)						
No.	Taxa	Species	No. of individual			total
			Sample A	Sample B	Sample C	
1	Polychaete	<i>Laonome sp.</i>		2	1	3
2	Polychaete	<i>Notomastus sp.</i>	2			2

APPENDIX C10

Summary of Faunal Species of Conservation Importance Recorded at Mai Po Nature Reserve or in Previous Studies

SPECIES	RECORDED IN PREVIOUS STUDIES ^[NOTE 1]	CONSERVATION AND PROTECTION STATUS ^[NOTE 2]	STATUS AND DISTRIBUTION IN HONG KONG ^[NOTE 3]
MAMMALS			
Small Asian Mongoose <i>Herpestes javanicus</i>	a	RLCV(VU); CITES(III); Cap.170; Cap.586	Uncommon, fairly widely distributed in countryside in NT; however, Hong Kong population is of uncertain origin
Bat Species 1	b	Cap. 170	-
Bat Species 2	b	Cap. 170	-
BIRDS			
Falcatad Duck <i>Anas falcata</i>		RC; RLCV(NT); IUCN(NT)	Much declined and now an uncommon winter visitor to Deep Bay wetland areas
Eurasian Wigeon <i>Anas penelope</i>	a, b	RC	Winter visitor, primarily to the Deep Bay area
Mallard <i>Anas platyrhynchos</i>		RC	Declined and now a scarce winter visitor to Deep Bay wetland areas, A very poor year for this species with only four records received
Northern Shoveler <i>Anas clypeata</i>		RC	Abundant winter visitor to Deep Bay area; typically present October to April with some summer records
Northern Pintail <i>Anas acuta</i>	a, b	RC	Abundant winter visitor, primarily to the Deep Bay area
Eurasian Teal <i>Anas crecca</i>	a, b	RC	Common winter visitor, primarily to the Deep Bay area
Common Pochard <i>Aythya ferina</i>		IUCN(VU)	Scarce winter visitor. Found in Deep Bay area, Lo Wu
Tufted Duck <i>Aythya fuligula</i>		LC	Uncommon winter visitor. Found in Deep Bay area, Nam Chung, Starling Inlet
Little Grebe <i>Tachybaptus ruficollis</i>	a, b	LC	Common resident, primarily in the Deep Bay area
Great Crested Grebe <i>Podiceps cristatus</i>		RC	Common winter visitor. Found in Tsim Bei Tsui, Starling Inlet
Oriental Stork <i>Ciconia boyciana</i>		GC; RLCV(EN); IUCN(EN)	Rare winter visitor. Found in Deep Bay area
Eurasian Spoonbill <i>Platalea leucorodia</i>		LC; RLCV(NT); Cap.586	Scarce winter visitor. Found in Deep Bay area
Black-faced Spoonbill <i>Platalea minor</i>	a, b	PGC; RLCV(EN); IUCN(EN); CSMPS(II)	Common winter visitor, restricted to the Deep Bay area
Eurasian Bittern <i>Botaurus stellaris</i>		RC	Scarce winter visitor and passage migrant. Found in Deep Bay area, Shuen Wan, Pui O, Sandy Ridge
Yellow Bittern <i>Ixobrychus sinensis</i>		(LC)	Uncommon summer visitor and passage migrant. Found in Deep Bay area, Chek Keng, Tai Long Wan
Cinnamon Bittern <i>Ixobrychus cinnamomeus</i>		LC	Uncommon passage migrant and scarce summer visitor with occasional winter records, to freshwater wetland areas
Black-crowned Night Heron <i>Nycticorax</i>	a, b	(LC)	Common resident and winter visitor, widely distributed in Hong Kong

SPECIES	RECORDED IN PREVIOUS STUDIES ^[NOTE 1]	CONSERVATION AND PROTECTION STATUS ^[NOTE 2]	STATUS AND DISTRIBUTION IN HONG KONG ^[NOTE 3]
Striated Heron <i>Butorides striata</i>	a	(LC)	Present all year, locally uncommon in summer and scarce in winter, widely distributed in Hong Kong, but most summer records in the Deep Bay area
Chinese Pond Heron <i>Ardeola bacchus</i>	a, b	PRC (RC)	Common resident, widely distributed in Hong Kong
Eastern Cattle Egret <i>Bubulcus coromandus</i>	a, b	(LC)	Resident and common passage migrant, widely distributed in Hong Kong
Grey Heron <i>Ardea cinerea</i>	a, b	PRC	Common winter visitor, primarily in the Deep Bay area
Purple Heron <i>Ardea purpurea</i>		RC	Uncommon summer visitor and passage migrant. Found in Deep Bay area, Chek Keng, Tai Long Wan
Great Egret <i>Ardea alba</i>	a, b	PRC (RC)	Common resident and winter visitor, widely distributed in Hong Kong
Intermediate Egret <i>Egretta intermedia</i>	a, b	RC	Common passage migrant, primarily in the Deep Bay area
Little Egret <i>Egretta garzetta</i>	a, b	PRC (RC)	Common resident, widely distributed in Hong Kong
Swinhoe's Egret <i>Egretta eulophotes</i>		GC; RLCV(VU); IUCN(VU)	Scarce spring migrant. Found in Mai Po, Lok Ma Chau, Nam Chung
Great Cormorant <i>Phalacrocorax carbo</i>	a, b	PRC	Common winter visitor, primarily in the Deep Bay area
Western Osprey <i>Pandion haliaetus</i>	a, b	RC; RLCV(NT); CITES(II); CSMPS(II); Cap.586	Common winter visitor, primarily in the Deep Bay area
Black-winged Kite <i>Elanus caeruleus</i>		LC; RLCV(NT); Cap.586	Occasional visitor. Found in Ha Tsuen, Deep Bay area
Greater Spotted Eagle <i>Clanga clanga</i>		GC; RLCV(EN); IUCN(VU); Cap.586	Scarce winter visitor. Found in Deep Bay area
Eastern Imperial Eagle <i>Aquila heliaca</i>		GC; RLCV(EN); IUCN(VU); Cap.586	Common winter visitor. Found in Deep Bay area, Ma Tso Lung
Bonelli's Eagle <i>Aquila fasciata</i>		(RC); RLCV(VU); Cap.586	Scarce resident. Found in Deep Bay area, Hong Kong Island, Lamma Island, Lantau Island, Castle Peak, Sha Lo Tung
Japanese Sparrowhawk <i>Accipiter gularis</i>		Cap.586	Uncommon passage migrant. Found in Chek Lap Kok, Mai Po, Tsim Bei Tsui, Mong Tseng, Cheung Chau, Po Toi, Tung Ping Chau
Eastern Marsh Harrier <i>Circus spilonotus</i>		LC; RLCV(NT); Cap.586	Common winter visitor and passage migrant. Found in Deep Bay area, Starling Inlet area, Kadoorie Farm & Botanic Garden, Mount Austin
Pied Harrier <i>Circus melanoleucos</i>		LC; RLCV(NT); Cap.586	Scarce passage migrant. Found in Mai Po, Tsim Bei Tsui, Long Valley, Chek Lap Kok
Black Kite <i>Milvus migrans</i>	a, b	(RC); CITES(II); CSMPS(II); Cap.586	Common resident and winter visitor, widely distributed in Hong Kong

SPECIES	RECORDED IN PREVIOUS STUDIES [NOTE 1]	CONSERVATION AND PROTECTION STATUS [NOTE 2]	STATUS AND DISTRIBUTION IN HONG KONG [NOTE 3]
White-bellied Sea Eagle <i>Haliaeetus leucogaster</i>	a	(RC); RLCV(VU); CSMPS(I); CITES(II); Cap.586	Uncommon resident, widely distributed in coastal areas in Hong Kong
Eastern Buzzard <i>Buteo japonicus</i>	a	CSMPS(II); CITES(II); Cap.586	Common winter visitor, widely distributed in Hong Kong; though nationally listed as of conservation concern, not considered to be of conservation concern in Hong Kong
Slaty-breasted Rail <i>Gallirallus striatus</i>		RC	Scarce resident. Found in Deep Bay area, Luk Keng, Chek Keng, Tung Chung, Tai O, Pui O
Watercock <i>Gallicrex cinerea</i>		RC	Scarce passage migrant and summer visitor. Found in Lantau Island, Tai Long Wan, Luk Keng, Nam Chung, Shuen Wan, Shek Kong, Sai Kung
Eurasian Coot <i>Fulica atra</i>		RC	Common winter visitor. Found in Deep Bay area, Plover Cove Reservoir, Shuen Wan
Siberian Crane <i>Grus leucogeranus</i>		RLCV(CR); IUCN(CR); Cap.586	Vagrant. Found in Mai Po
Black-winged Stilt <i>Himantopus himantopus</i>		RC	Common passage migrant. Found in Deep Bay area, Long Valley, Kam Tin
Pied Avocet <i>Recurvirostra avosetta</i>		RC	Abundant winter visitor. Found in Deep Bay area
Northern Lapwing <i>Vanellus vanellus</i>		LC; IUCN(NT)	Scarce winter visitor. Found in Mai Po, Long Valley, Chek Lap Kok, Ho Chung, Tai Long Wan, Tai Po, Castle Peak coast
Grey-headed Lapwing <i>Vanellus cinereus</i>		LC	Scarce winter visitor. Found in Kam Tin, Tsim Bei Tsui, Lo Wu, Tai Long Wan, Shuen Wan, Castle Peak coast, Chek Lap Kok
Pacific Golden Plover <i>Pluvialis fulva</i>		LC	Common winter visitor. Found in Deep Bay area, Chek Lap Kok, Long Valley
Grey Plover <i>Pluvialis squatarola</i>		RC	Abundant winter visitor. Found in Deep Bay area
Little Ringed Plover <i>Charadrius dubius</i>	a, b	(LC)	Common winter visitor and passage migrant, widely distributed in freshwater areas throughout Hong Kong
Kentish Plover <i>Charadrius alexandrinus</i>		RC	Abundant winter visitor. Found in Deep Bay area, Chek Lap Kok, Shuen Wan, Sai Kung, Lantau Island
Lesser Sand Plover <i>Charadrius mongolus</i>		LC	Passage migrant. Found in Deep Bay area
Greater Sand Plover <i>Charadrius leschenaultii</i>		RC	Passage migrant. Found in Deep Bay area
Greater Painted-snipe <i>Rostratula benghalensis</i>		LC	Passage migrant and winter visitor. Found in Ha Tsuen, Lok Ma Chau, Kam Tin, Long Valley, Hong Kong Wetland Park
Pheasant-tailed Jacana <i>Hydrophasianus chirurgus</i>		LC; RLCV(NT)	Scarce passage migrant. Found in Deep Bay area, Kam Tin, Long Valley

SPECIES	RECORDED IN PREVIOUS STUDIES ^[NOTE 1]	CONSERVATION AND PROTECTION STATUS ^[NOTE 2]	STATUS AND DISTRIBUTION IN HONG KONG ^[NOTE 3]
Pintail/Swinhoe's Snipe		LC for Swinhoe's Snipe	N/A
Asian Dowitcher <i>Limnodromus semipalmatus</i>		RC; RLCV(NT); IUCN(NT)	Common passage migrant. Found in Deep Bay area
Black-tailed Godwit <i>Limosa limosa</i>		RC; IUCN(NT)	Common winter visitor. Found in Deep Bay area
Bar-tailed Godwit <i>Limosa lapponica</i>		LC; RLCV(NT); IUCN(NT)	Common passage migrant. Found in Deep Bay area
Whimbrel <i>Numenius phaeopus</i>		LC	Common passage migrant. Found in Deep Bay area, Sai Kung, Tung Ping Chau, Ninepins, Cape D'Aguilar, Pok Fu Lam
Eurasian Curlew <i>Numenius arquata</i>		RC; RLCV(NT); IUCN(NT)	Abundant in winter and spring. Found in Deep Bay area
Far Eastern Curlew <i>Numenius madagascariensis</i>		LC; RLCV(VU); IUCN(EN)	Scarce passage migrant. Found in Deep Bay area
Spotted Redshank <i>Tringa erythropus</i>		RC	Abundant in winter and spring. Found in Deep Bay area
Common Redshank <i>Tringa totanus</i>		RC	Common passage migrant. Found in Deep Bay area
Marsh Sandpiper <i>Tringa stagnatilis</i>		RC	Common winter visitor and passage migrant. Found in Deep Bay area, Shuen Wan, Long Valley, Kam Tin, Sai Kung
Common Greenshank <i>Tringa nebularia</i>		RC	Abundant passage migrant and winter visitor. Found in Deep Bay area
Nordmann's Greenshank <i>Tringa guttifer</i>		GC; RLCV(EN); IUCN(EN); Cap.586	Uncommon passage migrant. Found in Deep Bay area
Wood Sandpiper <i>Tringa glareola</i>	b	LC	Common passage migrant and winter visitor, widely distributed in freshwater wetland areas throughout Hong Kong
Grey-tailed Tattler <i>Tringa brevipes</i>		LC; IUCN(NT)	Common passage migrant. Found in Deep Bay area
Terek Sandpiper <i>Xenus cinereus</i>		RC	Common passage migrant. Found in Deep Bay area, Sai Kung, Tung Ping Chau, Cape D'Aguilar
Ruddy Turnstone <i>Arenaria interpres</i>		LC	Common passage migrant. Found in Deep Bay area, Starling Inlet, Sai Kung, Tai Long Wan
Great Knot <i>Calidris tenuirostris</i>		LC; RLCV(VU); IUCN(EN)	Common passage migrant. Found in Deep Bay area
Red Knot <i>Calidris canutus</i>		LC; RLCV(VU); IUCN(NT)	Common passage migrant. Found in Deep Bay area, Shuen Wan
Sanderling <i>Calidris alba</i>		LC	Uncommon passage migrant. Found in Deep Bay area, Tai Long Wan, Sai Kung
Red-necked Stint <i>Calidris ruficollis</i>		LC; IUCN(NT)	Abundant spring passage migrant. Found in Deep Bay area

SPECIES	RECORDED IN PREVIOUS STUDIES ^[NOTE 1]	CONSERVATION AND PROTECTION STATUS ^[NOTE 2]	STATUS AND DISTRIBUTION IN HONG KONG ^[NOTE 3]
Temminck's Stint <i>Calidris temminckii</i>		LC	Uncommon winter visitor. Widely distributed in Deep Bay area fishponds
Long-toed Stint <i>Calidris subminuta</i>		LC	Uncommon passage migrant. Found in Long Valley, Ma Tso Lung, Tsim Bei Tsui, Kam Tin, Pui O, Shuen Wan
Sharp-tailed Sandpiper <i>Calidris acuminata</i>		LC	Common passage migrant. Found in Deep Bay area, Shuen Wan, Sai Kung, Long Valley, Tai Po, Lam Tsuen
Curlew Sandpiper <i>Calidris ferruginea</i>		RC; IUCN(NT)	Common passage migrant. Found in Deep Bay area, Cape D'Aguilar
Dunlin <i>Calidris alpina</i>		RC	Abundant winter visitor, scarce passage migrant. Found in Deep Bay area
Broad-billed Sandpiper <i>Limicola falcinellus</i>		LC	Uncommon passage migrant. Found in Deep Bay area, Ho Chung, Shuen Wan
Oriental Pratincole <i>Glareola maldivarum</i>	a	LC	Passage migrant, primarily in the Deep Bay area
Black-headed Gull <i>Chroicocephalus ridibundus</i>	a	PRC	Common winter visitor Found in the Deep Bay area, Tolo Harbour, Starling Inlet and Victoria Harbour
Black-tailed Gull <i>Larus crassirostris</i>		LC	Uncommon winter visitor. Found in Deep Bay area, Tolo Harbour, Starling Inlet, Lamma Island, Mirs Bay
Heuglin's Gull <i>Larus fuscus</i>		LC	Common winter visitor and passage migrant. Found in Deep Bay area, Cape D'Aguilar
Greater Coucal <i>Centropus sinensis</i>	b	CSMPS(II)	Common resident, widely distributed in Hong Kong; though it is a nationally listed protected species, not considered to be of conservation concern in Hong Kong
Lesser Coucal <i>Centropus bengalensis</i>	b	CSMPS(II)	Common resident, widely distributed in Hong Kong; though it is a nationally listed protected species, not considered to be of conservation concern in Hong Kong
Asian Barred Owlet <i>Glaucidium cuculoides</i>		Cap.586	Common though locally-distributed resident with most records from forest and open-country areas in the north and central NT
Pacific Swift <i>Apus pacificus</i>	a, b	(LC)	Common spring migrant and summer visitor, widely distributed in Hong Kong as a migrant; but breeding population restricted to a few sites on offshore islands
White-throated Kingfisher <i>Halcyon smyrnensis</i>	a, b	(LC)	Common resident, widely distributed in coastal areas in Hong Kong outside breeding season; most move to inland areas to breed
Black-capped Kingfisher <i>Halcyon pileata</i>		(LC)	Uncommon and declining passage migrant and winter visitor with occasional summer records in Deep Bay and relatively undisturbed coastal areas
Pied Kingfisher <i>Ceryle rudis</i>	a, b	(LC)	Uncommon resident; largely confined to the Deep Bay area, small numbers recorded in coastal locations elsewhere in Hong Kong

SPECIES	RECORDED IN PREVIOUS STUDIES ^[NOTE 1]	CONSERVATION AND PROTECTION STATUS ^[NOTE 2]	STATUS AND DISTRIBUTION IN HONG KONG ^[NOTE 3]
Common Kestrel <i>Falco tinnunculus</i>	a	CITES(II); CSMPS(II); Cap.586	Common autumn migrant and winter visitor, widely distributed in Hong Kong; although a nationally protected species, not considered to be of conservation concern in Hong Kong
Peregrine Falcon <i>Falco peregrinus</i>		(LC); RLCV(NT); Cap.586	Locally common resident subspecies peregrinator with migrant northerly taxa in winter
Alexandrine Parakeet <i>Psittacula eupatria</i>		IUCN(NT)	Locally common resident, mostly recorded at Kowloon Park
Black-naped Oriole <i>Oriolus chinensis</i>		LC	Passage migrant, common in autumn and scarce in spring, with some winter and breeding records, to open woodland areas
Collared Crow <i>Corvus torquatus</i>	a, b	LC; RLCV(NT); IUCN(NT)	Uncommon resident, mostly in coastal areas with highest numbers in the Deep Bay area
Chinese Penduline Tit <i>Remiz consobrinus</i>		RC	Common autumn migrant and winter visitor to reedmarshes, mostly in the Deep Bay area, but can be difficult to observe
Pallas's Grasshopper Warbler <i>Locustella certhiola</i>		LC	Common autumn passage migrant, scarce in spring and winter, to damp grassland and reedmarsh areas, though occasionally found in urban parks and other open areas on migration
Zitting Cisticola <i>Cisticola juncidis</i>	a	LC	Common passage migrant and winter visitor, widely distributed in grassland in Hong Kong
Red-billed Starling <i>Spodiopsar sericeus</i>	a, b, c	GC	Common winter visitor, widely distributed in Hong Kong
White-cheeked Starling <i>Spodiopsar cineraceus</i>	c	PRC	Common winter visitor, largely in the NT
White-shouldered Starling <i>Sturnia sinensis</i>	a	(LC)	Locally common passage migrant and breeding species
Common Starling <i>Sturnus vulgaris</i>		LC	Scarce late autumn passage migrant and winter visitor to open country areas
Bluethroat <i>Luscinia svecica</i>		LC	Locally common winter visitor to damp, lowland open country areas, including reedmarsh
Red-throated Pipit <i>Anthus cervinus</i>		LC	Common passage migrant and winter visitor to lowlands, usually in wet areas
Chinese Grosbeak <i>Eophona migratoria</i>		LC	Common winter visitor and scarce breeding species in recent years, in wooded, open-country habitats
Common Rosefinch <i>Carpodacus erythrinus</i>		LC	Scarce winter visitor and migrant to open-country areas
Grey-capped Greenfinch <i>Chloris sinica</i>		LC	Scarce resident of open country and village edge; much reduced in numbers since 1970s but with an increase in records in recent years
Chestnut-eared Bunting <i>Emberiza fucata</i>		LC	Uncommon passage migrant, mainly in autumn, with some winter records, to grassland and open country areas

SPECIES	RECORDED IN PREVIOUS STUDIES ^[NOTE 1]	CONSERVATION AND PROTECTION STATUS ^[NOTE 2]	STATUS AND DISTRIBUTION IN HONG KONG ^[NOTE 3]
Yellow-breasted Bunting <i>Emberiza aureola</i>		RC; RLCV(EN); IUCN(EN)	Common autumn passage migrant but with a recent decline in numbers, scarce in spring and rare in winter, to open-country areas
ODONATES			
Asian Bluetail <i>Ischnura asiatica</i>		Rare	Historical record in 1865 (Brauer 1865)
Four-spot Midget <i>Mortonagrion Hirosei</i>		GC; IUCN(NT)	Double Island, Luk Keng, Mai Po Marshes, Nam Chung, Sam A Tsuen and Sha Po.
Eastern Lilysquatter <i>Paracercion melanotum</i>		LC	Hong Kong Wetland Park, Lai Chi Wo, Luk Keng and Shek Kwu Chau
Blue Sprite <i>Pseudagrion microcephalum</i>		LC	Kai Kuk Shue Ha, Kau Sai Chau, Lai Chi Wo, Mai Po, Mui Wo, River Jhelum and Tung Ping Chau
Little Dusk-hawker <i>Gynacantha saltatrix</i>		LC; Uncommon	Kau Sai Chai, Ping Yeung, Tai Po Kau, Tsim Sha Tsui and Yeung Ka Tsuen
Blue-spotted Dusk-hawker <i>Gynacantha japonica</i>		LC	Hoi Ha, Ngong Ping, Sha Lo Tung and Wu Kau Tang
Dingy Dusk-hawker <i>Gynacantha subinterrupta</i>		LC	Hong Kong Wetland Park, Lantau, Ping Shan Chai, Sha Lo Tung and Tai Mo Shan
Tawny Hooktail <i>Paragomphus capricornis</i>		RC; Uncommon	Lion Rock Country Park, Tai Lam Chung Country Park, Tai Tong and Yeung Ka Tsuen
Black-tipped Percher <i>Diplacodes nebulosa</i>		LC; Uncommon	Lamma Island, Lo Wu, Luk Keng, Sum Wut and Yuen Long.
Coastal Glider <i>Macrodiplax cora</i>		LC	Hong Kong Wetland Park, Kam Tin, Lai Chi Wo, Nim Wan and Luk Keng
Blue Chaser <i>Potamarcha congener</i>		LC	Widely distributed in marsh throughout Hong Kong
Scarlet Basker <i>Urothemis signata</i>	a	LC	Common in areas containing abandoned fish ponds throughout Hong Kong
REPTILES			
Malayan Box Turtle <i>Cuora amboinensis</i>		IUCN(VU); CITES(II); Cap.586	Released individuals found in some parts of New Territories
Reeve's Turtle <i>Chinemys reevesii</i>		GC; RLCV(EN); IUCN(EN); CITES(III); Cap.170; Cap.586	Widespread in the territory. Used to be a common species but sightings have been rare in recent years. Found in most local reservoirs
Chinese Soft-shelled Turtle <i>Pelodiscus sinensis</i>		GC; RLCV(EN); IUCN(EN); CITES(III); Cap.170; Cap.586	Locally found in reservoirs and fishponds in Deep Bay area
Four-clawed Gecko <i>Gehyra mutilata</i>		RLCV(VU)	Widely but thinly distributed throughout Hong Kong
Copperhead Racer <i>Coelognathus radiatus</i>		PRC; RLCV(EN)	Widely distributed throughout Hong Kong
Taiwan Kukri Snake <i>Oligodon formosanus</i>		RLCV(NT)	Widely distributed throughout Hong Kong
Indo-chinese Rat Snake <i>Ptyas korros</i>		PRC; RLCV(VU)	Widely distributed throughout Hong Kong

SPECIES	RECORDED IN PREVIOUS STUDIES ^[NOTE 1]	CONSERVATION AND PROTECTION STATUS ^[NOTE 2]	STATUS AND DISTRIBUTION IN HONG KONG ^[NOTE 3]
Common Rat Snake <i>Pythas mucosus</i>		PRC; RLCV(EN); CITES(II); Cap.586	Widely distributed throughout Hong Kong
Many-banded Krait <i>Bungarus multicinctus</i>		PRC; RLCV(EN)	Widely distributed in New Territories, Hong Kong Island and Lantau Island
Chinese Cobra <i>Naja atra</i>		PRC: RLCV(VU); IUCN(VU); CITES(II); Cap.586	Found throughout the territory
King Cobra <i>Ophiophagus hannah</i>		PRC: RLCV(EN); IUCN(VU); CITES(II); Cap.586	Widely distributed throughout Hong Kong
Mangrove Water Snake <i>Enhydryis bennettii</i>		LC	Recorded in the muddy coastal areas in Deep Bay area
Chinese Water Snake <i>Myrrophis chinensis</i>		RLCV(VU)	Distributed in freshwater or brackish wetlands in central and northern New Territories
Burmese Python <i>Python bivittatus</i>		PRC; RLCV(CR); IUCN(VU); CITES(II); CSMPS(I); Cap.170; Cap.586	Widely distributed throughout Hong Kong
AMPHIBIANS			
Spotted Narrow-mouthed Frog <i>Kalophrynus interlineatus</i>		RLCV(NT)	Widely distributed from low to moderate altitudes in northern and central New Territories
Chinese Bullfrog <i>Hoplobatrachus chinensis</i>		PRC; RLCV(EN); CSMPS(II)	Widely distributed in Lantau Island and New Territories
BUTTERFLIES			
Swallowtail <i>Papilio xuthus</i>		Rare	Kap Lung, Ma On Shan, Tai Tam, Sha Lo Wan, Kat O, Lung Kwu Tan, Wu Kau Tang, Lung Kwu Chau
Common Birdwing <i>Troides helena</i>		CITES(II); Cap.170; Cap.586; Uncommon	Widely distributed throughout Hong Kong
Chocolate Albatross <i>Appias lycnida</i>		LC; Very Rare	Kam Tin
Small Cabbage White <i>Pieris rapae</i>		Rare	Shep Mun Kap, Fan Lau, Ngong Ping, Kam Tin, Ho Chung, Luk Keng, Tuen Mun Ash Lagoon
Colon Swift <i>Caltoris bromus</i>		Very Rare	-
Common Awl <i>Hasora badra</i>		LC; Very Rare	Wu Kau Tang, Lai Chi Wo, Hong Kong Wetland Park
Banded Awl <i>Hasora chromus</i>		Rare	Sham Wat, Lai Chi Wo, Po Toi
Lesser Band Dart <i>Potanthus trachala</i>		Rare	Widely distributed in grassland throughout Hong Kong
Pale Palm Dart <i>Telicota colon</i>		Rare	Widely distributed in grassland and shrubland throughout Hong Kong
Powdered Oak Blue <i>Arhopala bazalus</i>		Rare	Shing Mun, Yung Shue O, Tai Po Kau, Mount Nicholson, Victoria Peak

SPECIES	RECORDED IN PREVIOUS STUDIES ^[NOTE 1]	CONSERVATION AND PROTECTION STATUS ^[NOTE 2]	STATUS AND DISTRIBUTION IN HONG KONG ^[NOTE 3]
Burmese Bush Blue <i>Arhopala birmana</i>		LC; Very Rare	Ma On Shan, Tsiu Hang, Shan Liu, Lai Chi Shan, Yung Shue O
Forget-me-not <i>Catochrysops strabo</i>		Very Rare	Pui O, Tai Po Kau, Fung Yuen, Shing Mun, Sha Lo Wan
Cornelian <i>Deudorix epijarbas</i>		Rare	Lam Tsuen, Shan Liu, Wu Kau Tang, Pak Sha O, Fung Yuen
Common Onyx <i>Horaga onyx</i>		Rare	Common and widespread throughout rural area in Hong Kong
White Royal <i>Pratapa deva</i>		Very Rare	Tai Po Kau, Pokfulam, Kuk Po, Pak Sha O, Victoria Peak, Wu Kau Tang, Fung Yuen
Danaid Egg-fly <i>Hypolimnas misippus</i>		LC; Uncommon	Ngau Ngak Shan, Lung Kwu Tan, Hong Kong Wetland Park, Mount Parker, Cloudy Hill, Lin Ma Hang
Painted Lady <i>Vanessa cardui</i>		LC; Rare	Widely distributed throughout Hong Kong
FISH			
Japanese Eel <i>Anguilla japonica</i>		RLCV(EN); IUCN(EN)	Records from Lantau Island, Hong Kong Island, Sai Kung and Tsuen Wan in low abundance
Small Snakehead <i>Channa asiatica</i>		LC	Uncommon in the wild. Records from a few streams in North district and on Lantau Island. The fish is also cultivated in some fish farms and are available from fish market
Common Carp <i>Cyprinus carpio</i>		IUCN(VU)	-
Topmouth Gudgeon <i>Pseudorasbora parva</i>		LC	Uncommon in streams and reported in several streams in North District. The fish is considered as a pest in Mainland China and is available from "Tung Choi Street" as fish feed

Notes:

1. Previous studies:

- EIA-144/2008 Proposed Comprehensive Development at Wo Shang Wai, Yuen Long (Mott Connell 2008);
- EIA-161/2008 Construction of a Secondary Boundary Fence and New Sections of Primary Boundary Fence and Boundary Patrol Road (Mott MacDonald 2009); and
- EIA-169/2009 Hong Kong Section of Guangzhou - Shenzhen - Hong Kong Express Rail Link (AECOM 2009)

2. Conservation and protection status refer to:

- Fellowes et al. (2002) Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. *Memoirs of the Hong Kong Natural History Society* 25:123-159.:
- LC=Local Concern; PRC=Potential Regional Concern; RC=Regional.
- Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
- IUCN (2017) The IUCN Red List of Threatened Species: CR = Critically Endangered; EN = Endangered; VU = Vulnerable; NT = Near Threatened.
- Red List of China's Vertebrates (RLCV, 2016). Red List of China's Vertebrates. *Biodiversity Science*: 24 (5) 500-551.: CR = Critically Endangered; EN = Endangered; VU = Vulnerable; NT = Near Threatened.
- Ministry of Environmental Protection of the People's Republic of China (2002) China State Major Protection Status: I = Class I Protected Species; II = Class II Protected Species.
- Cap. 170 = Chapter 170 Wild Animals Protection Ordinance. All wild birds are protected under Cap. 170.
- Cap. 586 = Chapter 586 Protection of Endangered Species of Animals and Plants Ordinance

3. Status and Distribution in Hong Kong follows AFCD (2017) AFCD Assessment: Hong Kong Biodiversity Database. Accessed from <http://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp?lang=en> in May 2017.

APPENDIX C11

Representative Photographs of Habitats within 500m Study Area



Brackish Gei Wai



Rain-fed Pond



Mangrove



Commercial Fishpond



Brackish Marsh



Natural Watercourse



Channelised Watercourse



Wooded Area



Developed Area (PSFSC)



Developed Area (Village Area)