

ANNEX F
ECOLOGY

ANNEX F1

Plant Species Recorded within the Assessment Area

ANNEX F1
 Plant Species Recorded within the Assessment Area

Species	Habit	Exotic	Relative Abundance					Recorded during Verification Survey
			Grassland	Woodland	Plantation	Disturbed	Agriculture	
<i>Acacia confusa</i>	T	E	+		+++	+		R
<i>Acalypha wilkesiana</i>	S	E				+		R
<i>Acanthopanax trifoliatum</i>	C			+				
<i>Adiantum flabellatum</i>	F				+			R
<i>Aegiceras corniculatum</i>	S			+				
<i>Ageratum conyzoides</i>	H				++			
<i>Alangium chinensis</i>	T			+	+			R
<i>Albizia lebbek</i>	T				+			
<i>Albizia sp.</i>	C				+			R
<i>Alchornea trewioides</i>	S				+			R
<i>Aleurites montana</i>	T	E			+			
<i>Allium fistulosum</i>	H	E					++	
<i>Alocasia macrorrhiza</i>	H		+	+	++			R
<i>Alpinia sp.</i>	H			+	+			R
<i>Alternanthera sessilis</i>	H		+					R
<i>Ampelopsis cantoniensis</i>	C				+			
<i>Amydalagus persica</i>	T	E					++	R
<i>Annona squamosa</i>	T	E			+			R
<i>Antidesma bunius</i>	T			++				R
<i>Aporosa dioica</i>	T			+	+			R
<i>Aquilaria sinensis</i>	T			+				
<i>Araucaria heterophylla</i>	T	E			+			R
<i>Ardisia crenata</i>	S			+				R
<i>Artocarpus hypargyreus</i>	T			+				
<i>Arundinella sp.</i>	G		++					
<i>Asparagus cochinchinensis</i>	H			+	+			
<i>Atalantia buxifolia</i>	T			++	+			R
<i>Atylosia scarabaeoides</i>	C		+					
<i>Baekkea frutescens</i>	S			+				
<i>Bamboo (unknown spp.)</i>	B					+		R
<i>Bambusa sinospinosa</i>	H	E		+				
<i>Bauhinia blakeana</i>	T				+			
<i>Berchemia linearis</i>	S				+			
<i>Bidens pilosa</i>	H		+		+	+		R
<i>Bischofia javanica</i>	T				+	+		R
<i>Blechnum orientalis</i>	F				++			
<i>Brainea insignis</i>	F				+			
<i>Brassica chinensis</i>	H	E					+	
<i>Brassica parachinensis</i>	H	E					+	
<i>Breynia fruticosa</i>	S		+	+	+			R
<i>Bridelia tomentosa</i>	T			++	++	+		R
<i>Brucea javanica</i>	S			+				R
<i>Bruguiera gymnorhiza</i>	S			+				
<i>Buettneria aspera</i>	C			++	++			R
<i>Callicarpa nudiflora</i>	S			+				R

Species	Habit	Exotic	Relative Abundance					Recorded during Verification Survey
			Grassland	Woodland	Plantation	Disturbed	Agriculture	
<i>Carica papaya</i>	T	E					+	R
<i>Cassia siamea</i>	T	E			++		+	R
<i>Cassia surattensis</i>	T	E			++		+	R
<i>Castanopsis fissa</i>	T				+			
<i>Casuarina equisetifolia</i>	T	E	+		+++		+	R
<i>Celastrus hindsii</i>	C	E		+	+			
<i>Celosia argentea</i>	H		+					
<i>Celosia argentea</i> var. <i>cristata</i>	H	E					++	
<i>Celtis sinensis</i>	T			++	+		+	R
<i>Celtis timorensis</i>	T			+				R
<i>Centella asiatica</i>	H				+			
<i>Cerebra manghas</i>	T			+	+			R
<i>Christella parasitica</i>	F				+			R
<i>Chrysalidocarpus lutescens</i>	T	E						R
<i>Chrysanthemum</i> sp.	H	E					+++	
<i>Cinnamomum camphora</i>	T			+	+			R
<i>Citrus microcarpa</i>	S						++	
<i>Clausena lansium</i>	T	E		+	+			R
<i>Clerodendrum inerme</i>	S			++				R
<i>Commelina</i> sp.	H						+	R
<i>Conyza canadensis</i>	H	E	+		+			R
<i>Cratogeomys cochinchinensis</i>	T			++	++			
<i>Crotalaria pallida</i>	H						+	R
<i>Cynodon dactylon</i>	G		++		++			R
<i>Cyperus</i> spp.	SE			+			+	R
<i>Cyrtococcum patens</i>	G				+			R
<i>Dalbergia hancei</i>	C		+	+	+		+	R
<i>Delonix regia</i>	T	E			+			
<i>Desmodium puchellum</i>	H		+	+	+			
<i>Desmos chinensis</i>	S			+	+			R
<i>Dianella ensifolia</i>	H			+				
<i>Dicranopteris linearis</i>	F		++	+++	++			R
<i>Dimocarpus longan</i>	T			++	+			R
<i>Diospyros vaccinioides</i>	S			+	+			R
<i>Dracaena sanderiana</i>	H	E		+++				
<i>Elephantopus scaber</i>	H		+		+			R
<i>Eleusine indica</i>	G						+	R
<i>Embelia ribes</i>	H				+			
<i>Emilia sonchifolia</i>	H				+			
<i>Eragrostis</i> sp.	G		++					
<i>Erythrina</i> sp.	T	E			+			R
<i>Eucalyptus robusta</i>	T	E			++			
<i>Eucalyptus tereticornis</i>	T				++			R
<i>Euonymus chinensis</i>	T			+				
<i>Euphorbia hirta</i>	H		++				+	R
<i>Euphorbia milii</i>	S	E					+	R
<i>Euphorbia pulcherrima</i>	S	E					++	
<i>Eurya nitida</i>	S			+	+			

Species	Habit	Exotic	Relative Abundance					Recorded during Verification Survey
			Grassland	Woodland	Plantation	Disturbed	Agriculture	
<i>Evodia lepta</i>	T				+			
<i>Excoecaria agallocha</i>	S			+				
<i>Ficus benjamina</i>	T	E		+				R
<i>Ficus elastica</i>	T	E			+		+	R
<i>Ficus fistulosa</i>	T				+			
<i>Ficus hirta</i>	S			+				
<i>Ficus hispida</i>	T			+	+			R
<i>Ficus microcarpa</i>	T			+	+	+		R
<i>Ficus pumila</i>	C			+				R
<i>Ficus variegata</i>	T			+	+			
<i>Ficus variolosa</i>	S			+				R
<i>Fimbristylis</i> sp.	SE				++	+		R
<i>Garcinia oblongifolia</i>	T			+				R
<i>Girardinia subaequalis</i>	T			+				
<i>Glochidion eriocarpum</i>	S				+			R
<i>Glochidion hongkongense</i>	T		+					
<i>Glochidion lanceolatum</i>	T			+				
<i>Glycosmis citriodora</i>	S			+				
<i>Gnetum montanum</i>	C			+	+			R
<i>Gordonia axillaris</i>	S			+	+			R
<i>Gossampinus malabarica</i>	T	E				+		R
<i>Hedychium coronarium</i>	H	E	+					R
<i>Hedyotis tenelliflora</i>	H		+					
<i>Helianthus annuus</i>	H	E					++	R
<i>Helicteres angustifolia</i>	S		+					
<i>Hibiscus tiliaceus</i>	T			+++	++	+		R
<i>Homalium cochinchinensis</i>	T				+			
<i>Ilex asprella</i>	S				+			R
<i>Ilex pubescens</i>	S			+				
<i>Ilex rotunda</i>	T			+	+			R
<i>Imperata cylindrica</i>	G		++			+		R
<i>Ipomoea brasiliensis</i>	C			++	+			R
<i>Ipomoea cairica</i>	C				++	++		R
<i>Ipomoea hanceana</i>	C		+		+	+		R
<i>Ischaemum</i> sp.	G		++			+		R
<i>Juniperus chinensis</i>	T	E					+	R
<i>Kalanchoe pinnata</i>	H				+			
<i>Kandelia candel</i>	S			+				
<i>Lantana camara</i>	S	E	++	+	++	+		R
<i>Leucaena leucocephala</i>	T	E			+	+		R
<i>Ligustrum sinensis</i>	S				+	+		R
<i>Lilium tigrinum</i>	H	E					+++	
<i>Limonium sinensis</i>	H			+				
<i>Litchi chinensis</i>	T	E		+				
<i>Lithocarpus glaber</i>	T			+				
<i>Litsea cubeba</i>	T				+			
<i>Litsea glutinosa</i>	T			++	++			R
<i>Litsea monopetala</i>	T			++	+			R

Species	Habit	Exotic	Relative Abundance					Recorded during Verification Survey
			Grassland	Woodland	Plantation	Disturbed	Agriculture	
<i>Litsea rotundifolia</i>	S			+	+			R
<i>Livistona chinensis</i>	T	E			+			R
<i>Lophatherum gracile</i>	G				+			R
<i>Lophostemon conferta</i>	T	E			+++			R
<i>Lumnitzera racemosa</i>	S			+				
<i>Lycium chinense</i>	H	E					+++	
<i>Lygodium japonicum</i>	F			++	++			R
<i>Macaranga tanarius</i>	T			+	+	+		R
<i>Machilus breviflora</i>	T			+				
<i>Mallotus paniculatus</i>	T			+	+			R
<i>Melaleuca quinquenervia</i>	T	E			+			R
<i>Melanthera bicolor</i>	H			+++				R
<i>Melastoma candidum</i>	S			+	+			
<i>Melastoma sanguineum</i>	S			+	+			
<i>Melia azedarach</i>	T	E			+			
<i>Melothria</i> sp.	C					+		R
<i>Michelia alba</i>	T	E			+			
<i>Microcos paniculata</i>	T			+	+			R
<i>Mikania micrantha</i>	C	E	+++	+	++	++		R
<i>Millettia nitida</i>	C				+			
<i>Millettia speciosa</i>	C			+				
<i>Mimosa pudica</i>	H		++		+	+		R
<i>Miscanthus floridulus</i>	G					++		R
<i>Miscanthus sinensis</i>	G			+	++			R
<i>Morinda umbellata</i>	C				+			
<i>Musa paradisiaca</i>	T	E	+	+	++		++	R
<i>Mussaenda pubescens</i>	S				+			
<i>Neyraudia reynaudiana</i>	G		+++	+	+++	+++		R
<i>Ormosia emarginata</i>	T			++				
<i>Osbeckia chinensis</i>	S		+					
<i>Oxalis corniculata</i>	H		+	+				
<i>Oxalis corymbosa</i>	H			+				
<i>Paedaria scandens</i>	C			+	+	+		R
<i>Pandanus tectorius</i>	T			+	+			R
<i>Panicum maximum</i>	G	E			++			R
<i>Panicum repens</i>	G			++				R
<i>Parthenocissus himalayana</i>	C	E			+			R
<i>Paspalum conjugatum</i>	G		++		++			R
<i>Pavetta hongkongensis</i>	S			+				R
<i>Pennisetum</i> sp.	G		+					
<i>Persea longipedunculata</i>	T				+			
<i>Phyllanthus emblica</i>	S			+	+			R
<i>Phyllanthus urinaria</i>	H				++			R
<i>Pinus elliottii</i>	T	E	++		+++	+		R
<i>Pinus massoniana</i>	T			+	+			R
<i>Piper sarmentosum</i>	H			+++				
<i>Pluchea indica</i>	H			+				
<i>Polygonum chinensis</i>	H			+	++			R

Species	Habit	Exotic	Relative Abundance					Recorded during Verification Survey
			Grassland	Woodland	Plantation	Disturbed	Agriculture	
<i>Praxelis clematidea</i>	H	E	++		++	++		R
<i>Psidium guajava</i>	T	E			+			
<i>Psychotria rubra</i>	S			++	+			R
<i>Psychotria serpens</i>	C			+	+			
<i>Pteris ensiformis</i>	F			+				R
<i>Pteris vittata</i>	F				+			R
<i>Pteroloma triquetrum</i>	S		+	+	+			
<i>Pueraria lobata</i>	C		+		+			
<i>Pycreus polystachyos</i>	SE					+		R
<i>Pyrostegia ignea</i>	C	E			+			R
<i>Pyrrosia adnascens</i>	F			+	+			
<i>Rhaphiolepis indica</i>	S		+	+	+			R
<i>Rhododendron</i> sp.	S	E			+	+		R
<i>Rhodomyrtus tomentosa</i>	S		+	++	+			R
<i>Rhus hypoleuca</i>	T				+			R
<i>Rhus succedanea</i>	T			++	+			R
<i>Rhynchelytrum repens</i>	G		+++		++	++		
<i>Ricinus communis</i>	H	E		+				
<i>Rosa wichuraiana</i>	C			++				
<i>Rubus reflexus</i>	C			+	+			
<i>Sageretia theezans</i>	S				+			R
<i>Sansevieria cylindrica</i>	H	E			+			R
<i>Sapium discolor</i>	T			+	+			
<i>Sapium sebiferum</i>	T			+	+	+		R
<i>Scaevola sericea</i>	S			+				
<i>Schefflera octophylla</i>	T			++	+			R
<i>Scleria</i> sp.	H			+	+			R
<i>Scolopia chinensis</i>	T			+				
<i>Setaria</i> sp.	G		+		+			R
<i>Sida rhombifolia</i>	S			+	++			R
<i>Smilax glabra</i>	C			+				
<i>Solanum torvum</i>	S			+	+	+		R
<i>Spathodea campanulata</i>	T	E			+			R
<i>Sporobolus fertilis</i>	G					+		R
<i>Stachytarpheta jamaicensis</i>	H		+			+		R
<i>Stephania</i> sp.	C			+				R
<i>Sterculia lanceolata</i>	T			++	+			R
<i>Strychnos angustifolia</i>	S			+	+			
<i>Suaeda australis</i>	H			++				
<i>Synedrella nodiflora</i>	H				+++			R
<i>Syzygium hancei</i>	T			++				R
<i>Syzygium jambos</i>	T			++				
<i>Syzygium levinei</i>	T				+			R
<i>Tarenna attenuata</i>	T			+				
<i>Terminalia catappa</i>	T	E				+		R
<i>Tetracera asiatica</i>	C			+	+			
<i>Tetradium glabrifolium</i>	T			+				R
<i>Thevetia peruviana</i>	T	E				+		R

Species	Habit	Exotic	Relative Abundance					Recorded during Verification Survey
			Grassland	Woodland	Plantation	Disturbed	Agriculture	
<i>Thuja orientalis</i>	T	E					+	R
<i>Trema orientalis</i>	S			+	+			R
<i>Tylophora ovata</i>	C			+	+			
<i>Tysanolaena maxima</i>	G				+			R
<i>Urena lobata</i>	S				+	+		R
<i>Uvaria grandiflora</i>	S			+				
<i>Uvaria microcarpa</i>	S			+	+			R
<i>Vitex quinata</i>	T			+				
<i>Vitex rotundifolia</i>	S			+				R
<i>Wedelia triloba</i>	C	E	+	+	++	+		R
<i>Wikstroemia nutans</i>	S			+	+			
<i>Youngia japonica</i>	H				+			
<i>Zanthoxylum avicennae</i>	T			+	+			R
<i>Zanthoxylum nitida</i>	C				+			R
<i>Zoysia sinica</i>	G			+++				

T= tree, S = shrub, H= herb, G=grass, SE=sedge, B=bamboo, C=climber
 +++ = common, ++ = occasional, + = scarce
 Boldface = protected/rare/restricted

ANNEX F2

Plant Species Recorded at Wu Kai Sha Fung Shui Wood (Chu 1998)

ANNEX F2
Plant Species Recorded at Wu Kai Sha (previously Lok Wo Sha) *fung shui* Wood (Chu 1998)

<i>Adenanthera pavonina</i> var. <i>microsperma</i>	<i>Ficus variegata</i> var. <i>chlorocarpa</i>
<i>Alangium chinense</i>	<i>Garcinia oblongifolia</i>
<i>Alocasia macrorrhiza</i>	<i>Girardinia cuspidata</i>
<i>Antidesma buinense</i>	<i>Glycosmis parvifolia</i>
<i>Antirhea chinensis</i>	<i>Ligustrum sinense</i>
<i>Aporosa dioica</i>	<i>Litsea glutinosa</i>
<i>Aquilaria sinensis</i>	<i>Macaranga tanarius</i>
<i>Atalantia buxifolia</i>	<i>Microcos paniculata</i>
<i>Averrhoa carambola</i>	<i>Mussaenda pubescens</i>
<i>Bridelia tomentosa</i>	<i>Paedaria scandens</i>
<i>Callicarpa nudiflora</i>	<i>Pavetta hongkongensis</i>
<i>Capparis cantoniensis</i>	<i>Phyllanthus reticulatus</i>
<i>Celtis tetrandra</i> subsp. <i>sinensis</i>	<i>Piper hancei</i>
<i>Celtis timorensis</i>	<i>Psychotria rubra</i>
<i>Cinnamomum camphora</i>	<i>Rhaphiolepis indica</i>
<i>Cinnamomum parthenoxylon</i>	<i>Rourea minor</i>
<i>Claoxylon polot</i>	<i>Sageretia theezens</i>
<i>Cratoxylum cochinchinensis</i>	<i>Sterculia lanceolata</i>
<i>Daphniphyllum calycinum</i>	<i>Strychnos angustiflora</i>
<i>Desmos chinensis</i>	<i>Syzygium jambos</i>
<i>Dimocarpus longan</i>	<i>Syzygium levinei</i>
<i>Euonymus laxifolius</i>	<i>Tarenna attenuata</i>
<i>Ficus gibbosa</i>	<i>Tinospora sinensis</i>
<i>Ficus hispida</i>	<i>Uvaria grandifolia</i>
<i>Ficus microcarpa</i>	<i>Uvaria microcarpa</i>

ANNEX F3

Bird Species and Abundance on Roadside Plantations

**ANNEX F3
 Bird Species and Abundance on Plantations (roadside)**

Common name	Latin name	18/1	31/1	15/2	18/2	22/2	10/3	17/3	24/3	1/4	17/4	19/4	Commonness and distribution
Chinese Bulbul	<i>Pycnonotus sinensis</i>							1		1			CW
Crested Bulbul	<i>Pycnonotus jocosus</i>	1											CW
Yellow-bellied Prinia	<i>Prinia flaviventris</i>			1									CW
Common Tailorbird	<i>Orthotomus sutorius</i>											1	CW
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>								1				CW
Black-faced Laughing-thrush	<i>Garrulax perspicillatus</i>			1									CW
Great Tit	<i>Parus major</i>							1				1	CW
Japanese White-eye	<i>Zosterops japonica</i>		1						1				CW
Blue Magpie	<i>Urocissa erythrorhyncha</i>					1							CW
Magpie	<i>Pica pica</i>	1					1						CW
Masked Bunting	<i>Emberiza spodocephala</i>		1										CW
No. of birds		2	2	2	0	1	1	2	2	1	0	2	
No. of species		2	2	2	0	1	1	2	2	1	0	2	

Commonness and distribution: CW = widespread and common, C = uncommon or common but localized, R = very local or rare, UC = uncertain

ANNEX F4

Bird Species and Abundance on Headland Plantations (Codes of Status and Commonness and Distribution Follow Annex F3)

ANNEX F4
Bird Species and Abundance on Plantations (headland)
 (codes of status and commonness and distribution follow Annex F3)

Common name	Latin name	18/1	31/1	15/2	18/2	22/2	10/3	17/3	24/3	1/4	17/4	19/4	Commonness and distribution
Black-eared Kite	<i>Milvus lineatus</i>				1			1					CW
Crested Goshawk	<i>Accipiter trivirgatus</i>							1					R
Large Hawk-cuckoo	<i>Cuculus sparverioides</i>											1	CL
Plaintive Cuckoo	<i>Cacomantis merulinus</i>											1	CW
Rufous Turtle Dove	<i>Streptopelia orientalis</i>	1											CW
Spotted Dove	<i>Streptopelia chinensis</i>	1							1	2		1	CW
Koel	<i>Eudynamis scolopacea</i>					1					1	1	CW
Greater Coucal	<i>Centropus sinensis</i>					1			1	2			CW
Chinese Bulbul	<i>Pycnonotus sinensis</i>			4				1		1			CW
Crested Bulbul	<i>Pycnonotus jocosus</i>	1				2			2		1		CW
Siberian Rubythroat	<i>Luscinia calliope</i>	1			1								CL
Grey-backed Thrush	<i>Turdus hortulorum</i>		3			1							CL
Yellow-bellied Prinia	<i>Prinia flaviventris</i>			1	1		1			1	1		CW
Common Tailorbird	<i>Orthotomus sutorius</i>	1			1		1			1			CW
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	2					1					2	CW
Hwamei	<i>Garrulax canorus</i>					1							CL
Black-faced Laughing-thrush	<i>Garrulax perspicillatus</i>		1										CW
Great Tit	<i>Parus major</i>		2			1	1				1		CW
Japanese White-eye	<i>Zosterops japonica</i>						1					1	CW
Crested Myna	<i>Acridotheres cristatellus</i>	2											CW
Black-necked Starling	<i>Sturnus nigricollis</i>					1				1			CW
Magpie	<i>Pica pica</i>	1		1		1							CW
Jungle Crow	<i>Corvus macrorhynchus</i>	1											CW
Spotted Munia	<i>Lonchura punctulata</i>		2										CL
Yellow-fronted Canary	<i>Serinus mozambicus</i>								1				UC
Masked Bunting	<i>Emberiza spodocephala</i>	1	2		1								CW
No. of birds		12	10	6	4	9	5	3	5	8	4	7	
No. of species		10	5	3	4	8	5	3	4	6	4	6	

ANNEX F5

Bird Species and Abundance on Secondary Woodlands (Codes of Status and Commonness and Distribution Follow Annex F3)

ANNEX F5
Bird Species and Abundance on Secondary Woodlands
 (codes of status and commonness and distribution follow Annex F3)

Common name	Latin name	18/1	31/1	15/2	18/2	22/2	10/3	17/3	24/3	1/4	17/4	19/4	Commonness and distribution
Spotted Dove	<i>Streptopelia chinensis</i>	1					1						CW
Rufous Turtle Dove	<i>Streptopelia orientalis</i>					1							CW
Koel	<i>Eudynamis scolopacea</i>					1		1				1	CW
Chinese Bulbul	<i>Pycnonotus sinensis</i>		1				1				2	2	CW
Crested Bulbul	<i>Pycnonotus jocosus</i>				1	1							CW
Grey-backed Thrush	<i>Turdus hortulorum</i>		2										CL
Magpie Robin	<i>Copsychus saularis</i>		1	1		1	1						CW
Common Tailorbird	<i>Orthotomus sutorius</i>				1	2			2			1	CW
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>		1			1	1		1	1	2		CW
Verditer Flycatcher	<i>Eumyias thalassina</i>			1									R
Black-naped Monarch	<i>Hypothymis azurea</i>			1									R
Black-faced Laughing-thrush	<i>Garrulax perspicillatus</i>				1						1		CW
Great Tit	<i>Parus major</i>		1						1			1	CW
Fork-tailed Sunbird	<i>Aethopyga christinae</i>	2								1	1		CL
Scarlet-backed Flowerpecker	<i>Dicaeum cruentatum</i>			1			1						R
Japanese White-eye	<i>Zosterops japonica</i>	1			1			1					CW
Magpie	<i>Pica pica</i>									1		1	CW
Black-necked Starling	<i>Sturnus nigricollis</i>		1										CW
Masked Bunting	<i>Emberiza spodocephala</i>			2									CW
No. of birds		4	7	6	4	7	5	2	4	4	6	6	
No. of species		3	6	5	4	6	5	2	3	3	4	5	

ANNEX F6

Bird Species and Abundance in Fung Shui Woods (Codes of Status and Commonness and Distribution Follow Annex F3)

ANNEX F6
Bird Species and Abundance in Secondary Woodlands (*fung shui* woods)
(codes of status and commonness and distribution follow Annex F3)

Common name	Latin name	18/1	31/1	15/2	18/2	22/2	10/3	17/3	24/3	1/4	17/4	19/4	Commonness and distribution
Spotted Dove	<i>Streptopelia chinensis</i>	2							1	1	2		CW
Koel	<i>Eudynamis scolopacea</i>										1		CW
Greater Coucal	<i>Centropus sinensis</i>									1			CW
Chinese Bulbul	<i>Pycnonotus sinensis</i>		2		1	5	2		2			1	CW
Crested Bulbul	<i>Pycnonotus jocosus</i>										3		CW
Magpie Robin	<i>Copsychus saularis</i>								1				CW
Blue Rock-thrush	<i>Monticola solitarius</i>			1									CL
White's Thrush	<i>Zosterops dauma</i>			1									R
Grey-backed Thrush	<i>Turdus hortulorum</i>	1			1								CL
Common Tailorbird	<i>Orthotomus sutorius</i>		5						5		3	1	CW
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	2			2	1	2	3	2	2		1	CW
Asian Brown Flycatcher	<i>Muscicapa dauurica</i>			1					1				CL
Red-throated Flycatcher	<i>Ficedula parva</i>			1									R
Black-faced Laughing-thrush	<i>Garrulax perspicillatus</i>							2					CW
Great Tit	<i>Parus major</i>		1							2			CW
Fork-tailed Sunbird	<i>Aethopyga christinae</i>		1	3			1		1				CL
Scarlet-backed Flowerpecker	<i>Dicaeum cruentatum</i>	1							1	1			R
Japanese White-eye	<i>Zosterops japonica</i>				2	1		2				3	CW
Hair-crested Drongo	<i>Dicrurus hottentottus</i>										2	2	CL
Magpie	<i>Pica pica</i>	2			1								CW
No. of birds		8	9	7	7	7	5	7	14	7	11	8	
No. of species		5	4	5	5	3	3	3	8	5	5	5	

ANNEX F7

Bird Species and Abundance of Agriculture (Codes of Status and Commonness and Distribution Follow Annex F3)

ANNEX F7
Bird Species and Abundance of Agriculture
 (codes of status and commonness and distribution follow Annex F3)

Common name	Latin name	18/1	31/1	15/2	18/2	22/2	10/3	17/3	24/3	1/4	17/4	19/4	Commonness and distribution
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>			1					1				CW
Spotted Dove	<i>Streptopelia chinensis</i>				2							1	CW
Plaintive Cuckoo	<i>Cacomantis merulinus</i>										1		CW
Barn Swallow	<i>Hirundo rustica</i>									2			CW
Olive-backed Pipit	<i>Anthus hodgsoni</i>	1		1	2					1			CW
White Wagtail	<i>Motacilla alba</i>		1			1		1	1			2	CW
Chinese Bulbul	<i>Pycnonotus sinensis</i>					1	2				2		CW
Crested Bulbul	<i>Pycnonotus jocosus</i>		2						1		2		CW
Magpie Robin	<i>Copsychus saularis</i>	2	1				1		1				CW
Siberian Stonechat	<i>Saxicola maura</i>			1									CL
Blackbird	<i>Turdus merula</i>												CL
Plain Prinia	<i>Prinia inornata</i>									1			CL
Common Tailorbird	<i>Orthotomus sutorius</i>		1			1						1	CW
Magpie	<i>Pica pica</i>							1					CW
Black-necked Starling	<i>Sturnus nigricollis</i>					1				1			CW
Tree Sparrow	<i>Passer montanus</i>					1						2	CW
Masked Bunting	<i>Emberiza spodocephala</i>					2							CW
Little Bunting	<i>Emberiza pusilla</i>							2					CL
No. of birds		3	5	3	4	7	3	4	4	5	5	6	
No. of species		2	4	3	2	6	2	3	4	4	3	4	

ANNEX F8

Bird Species and Abundance on Sandy Shores (Codes of Status and Commonness and Distribution Follow Annex F3)

ANNEX F8
Bird Species and Abundance on Sandy Shores
 (codes of status and commonness and distribution follow Annex F3)

Common name	Latin name	18/1	31/1	15/2	18/2	22/2	10/3	17/3	24/3	1/4	17/4	19/4	Commonness and distribution
Chinese Pond Heron	<i>Ardeola bacchus</i>	1	1	1									CW
Little Egret	<i>Egretta garzetta</i>	1	1		1	1			1				CW
Common Sandpiper	<i>Actitis hypoleucos</i>	1			2						1	1	CW
Feral Pigeon	<i>Columba livia</i>				1								CL
Common Kingfisher	<i>Alcedo atthis</i>			1				1					CW
White Wagtail	<i>Motacilla alba</i>			1		1	1				1		CW
Yellow Wagtail	<i>Motacilla flava</i>					1							CL
Magpie Robin	<i>Copsychus saularis</i>			1									CW
Collared Crow	<i>Corvus torquata</i>						1						CL
No. of birds		3	2	4	4	3	2	1	1	0	2	1	
No. of species		3	2	4	3	3	2	1	1	0	2	1	

ANNEX F9

Bird Species and Abundance in Outer Starfish Bay (Codes of Status and Commonness and Distribution Follow Annex F3)

ANNEX F9
Bird Species and Abundance in Outer Starfish Bay
 (codes of status and commonness and distribution follow Annex F3)

Common name	Latin name	18/1	31/1	15/2	18/2	22/2	10/3	17/3	24/3	1/4	17/4	19/4	Commonness and distribution
Cormorant	<i>Phalacrocorax carbo</i>	7	7	7		7	10	6	12				CL
Chinese Pond Heron	<i>Ardeola bacchus</i>					2							CW
Little Egret	<i>Egretta garzetta</i>	4	4	20	10	26	20	25	8	5	4	5	CW
Great Egret	<i>Casmerodius albus</i>	2	2	4	1	2	1	1					CL
Grey Heron	<i>Ardea cinerea</i>			1		1							CL
Redshank	<i>Tringa totanus</i>											6	CL
Common Sandpiper	<i>Actitis hypoleucos</i>		1	1		1	1						CW
No. of birds		13	14	33	11	39	32	32	20	5	4	11	
No. of species		3	5	6	2	6	4	3	2	1	1	2	

ANNEX F10

Bird Species and Abundance Recorded in September 2001 (Codes of Status and Commonness and Distribution Follow Annex F3)

ANNEX F10
Bird Species and Abundance Recorded in September 2001
 (codes of status and commonness and distribution follow Annex F3)

Common name	Latin name	RP	HP	SW	FSW	C	SS	Commonness and distribution
Little Egret	<i>Egretta garzetta</i>						2	CW
Great Egret	<i>Casmerodius albus</i>						1	CL
Spotted Dove	<i>Streptopelia chinensis</i>					1		CW
Chinese Bulbul	<i>Pycnonotus sinensis</i>	1						CW
Crested Bulbul	<i>Pycnonotus jocosus</i>	1	1					CW
Yellow-bellied Prinia	<i>Prinia flaviventris</i>		1					CW
Common Tailorbird	<i>Orthotomus sutorius</i>				1			CW
Yellow-browed Warbler	<i>Phylloscopus inornatus</i>			1				CW
Black-faced Laughing-thrush	<i>Garrulax perspicillatus</i>			3				CW
Great Tit	<i>Parus major</i>		1		2			CW
Japanese White-eye	<i>Zosterops japonica</i>			1				CW
Crested Myna	<i>Acridotheres cristatellus</i>					2		CW
Black-necked Starling	<i>Sturnus nigricollis</i>					1		CW
Magpie	<i>Pica pica</i>				1			CW
Spotted Munia	<i>Lonchura punctulata</i>				3			CL

Habitat recorded: RP = plantations (roadside), HP = plantations (headlands), SW = secondary woodlands, FSW = secondary woodlands (*fung shui* woods), C = cultivated lands, SS = Sandy shores.

ANNEX F11

Butterfly Species Recorded in the Study Area

ANNEX F11
 Butterfly Species Recorded in the Study Area

Common Name	Latin name	Abundance in Hong Kong	Habitat recorded
Common Faun *	<i>Faunis eumeus</i>	C	FSW
Common White-banded Brown	<i>Lethe confusa</i>	C	FSW
Common Evening	<i>Melanitis leda</i>	C	FSW
Dark Brand Bush *	<i>Mycalesis mineus</i>	VC	FSW
Angled Castor *	<i>Ariadne ariadne</i>	C	SW, C
Peacock Pansy *	<i>Junonia almana</i>	C	SW, C
Common Jester *	<i>Symbrenthia lilaea</i>	C	SW, C
Short-banded Sailor	<i>Phaedyma columella</i>	C	FSW
Dark Veined Tiger	<i>Danaus genutia</i>	VC	FSW
Punchinello *	<i>Zemeros flegyas</i>	C	SW
Common White *	<i>Artogeia canidia</i>	C	RP, HP, FSW, C
Common Black Jezebel *	<i>Delias pasithoe</i>	C	HP, FSW
Great Orange Tip *	<i>Hebomoia glaucippe</i>	C	FSW
Common Grass Yellow *	<i>Eurema hecabe</i>	VC	HP, SW, C
Tailed Green Jay *	<i>Graphium agamemnon</i>	VC	FSW, SW
Common Bluebottle *	<i>Graphium sarpedon</i>	VC	SW, SS
Red Helen *	<i>Papilio helenus</i>	VC	FSW, SW, SS
Great Mormon *	<i>Papilio memnon</i>	VC	FSW, SW, SS
Paris Peacock *	<i>Papilio paris</i>	VC	FSW
Common Mormon *	<i>Papilio polytes</i>	VC	HP, FSW, SW, C
Dark Mormon	<i>Papilio protenor</i>	C	FSW

Abundance: C = common, VC = very common (Walthew 1997)

Habitat recorded: RP = plantations (roadside), HP = plantations (headlands), SW = secondary woodlands, FSW = secondary woodlands (*fung shui* woods), C = cultivated lands, SS = Sandy shores.

* = species recorded in September 2001

ANNEX F12

Dragonfly Species Recorded in the Study Area

ANNEX F12
Dragonfly Species Recorded in the Study Area

Species	Habitats	Commonness and distribution
<i>Ischnura senegalensis</i> *	C,	A, W
<i>Pantala flavescens</i> *	C, HP, SW	A, W
<i>Orthetrum sabina</i> *	C	A, W
<i>Brachythemis contaminata</i> *	C	A, W
<i>Trithemis festiva</i>	C	A, W
<i>Neurothemis fulvia</i> *	C	C, W
<i>Rhyothemis variegata</i> *	C	C, W
<i>Tramea virginia</i> *	C	C, W

Commonness and distribution: A = abundant, C = common (Walthew 1997)

Habitat recorded: C = cultivation, HP = plantations (headlands), SW = secondary woodlands

* = species recorded in September 2001