

Annex F2

Plant Species Recorded  
Within the Study Area  
during the Ecological  
Surveys (2004-2011)

**Table 1** Plant Species Recorded Within the Study Area during the Ecological Surveys (2004 - 2011)

Species	Common Name	Growth Form <sup>1</sup>	Origin <sup>2</sup>	Commonness <sup>3</sup>	Conservation Interest	Study Area									Project Area			
						Secondary Woodland	Fung Shui Wood	Plantation	Active Agricultural Land	Abandoned Agricultural Land (Wet)	Abandoned Agricultural Land (Dry)	Shrubland Grassland Mosaic	Stream	Developed Area	Development Site	Ecological Reserve	Sha Lo Tung Road	
<i>Abrus mollis</i>	Hairy Rosary Pea	C	N	C		S												S
<i>Acacia auriculiformis</i>	Ear-leaved Acacia , Ear-pod Wattle	T	E	C		S		S							O		S	
<i>Acacia confusa</i>	Taiwan Acacia , Acacia	T	E	C		S		A				S			F		S	F
<i>Acacia mangium</i>	Big-leaved Acacia	T	E	C				O							O			S
<i>Acorus gramineus</i>	Grass-leaved Sweet Flag , Sweet-Flag	H	N	C										F				
<i>Acronychia pedunculata</i>	Acronychia	T	N	C		O		S				S		O			O	O
<i>Adenosma glutinosum</i>	Adenosma	H	N	C								S						
<i>Adiantum flabellulatum</i>	Fan-leaved Maidenhair	F	N	C		S						S					O	
<i>Adina pilulifera</i>	Chinese Buttonbush	T	N	C										F				
<i>Adinandra millettii</i>	Millet's Adinandra	C	N	C				O				O					O	
<i>Agave angustifolia</i>	Narrow-leaved Century Plant	H	E	C				S										
<i>Ageratum conyzoides</i>	Billygoat-weed , Goatweed	H	N	C					S	O	O			S			S	O
<i>Alangium chinense</i>	Chinese Alangium	T	N	C		F		O				S			S		O	O
<i>Albizia lebbek</i>	Lebbeck Tree	T	N	C		S		S							F			
<i>Alchornea trewioides</i>	Christmas Bush , Redbark Christmashush	S	N	C		O		S									O	S
<i>Allamanda cathartica</i>	Allamanda	S	E	C				O	S						S			
<i>Allamanda schottii</i>	Small / Oleander Allamanda	S	E	C											S			
<i>Alocasia macrorrhiza</i>	Giant Alocasia	H	N	C		F	O	F		F	S			F	O		O	F
<i>Aloe vera</i>	Chinese Aloe , Barbados Aloe	H	E	C													S	
<i>Alpinia oblongifolia</i>	Chinese Galangal	H	N	C		F	F							F				O
<i>Alpinia zerumbet</i>	Shell Ginger	H	N	C										O				
<i>Alstonia scholaris</i>	Devil Tree , Common Alstonia	T	E	C											O			
<i>Alternanthera philoxeroides</i>	Alligator-weed	H	N	C						O	S							
<i>Alyxia sinensis</i>	Bead Vine , Chinese Alyxia	C	N	C								S					S	
<i>Ampelopsis cantoniensis</i>	Canton Ampelopsis	C	N	C		S	S											S
<i>Ampelopsis heterophylla</i>	Kuling Ampelopsis	C	N	C		S								S			S	
<i>Anisopappus chinensis</i>	Yellow Weed	H	N	C								S						
<i>Antidesma bunius</i>	Chinese Laurel , Bignay Chinalaurel	T	N	C		S												S
<i>Antidesma ghaesembilla</i>	Square-leaved Chinese Laurel	T	N	C								O					S	
<i>Apluda mutica</i>	Glutene-rice Grass	G	N	C						O								
<i>Aporosa dioica</i>	Aporosa , Common Aporosa	S	N	C		F	F	F				F		F			F	F
<i>Aquilaria sinensis</i>	<b>Incense Tree</b>	T	N	C, P	<b>Protected under the Protection of Endangered</b>	F								S				O

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						Secondary Woodland	Fung Shui Wood	Plantation	Active Agricultural Land	Abandoned Agricultural Land (Wet)	Abandoned Agricultural Land (Dry)	Shrubland Grassland Mosaic	Stream	Developed Area	Development Site	Ecological Reserve	Sha Lo Tung Road	
					<i>Species of Animals and Plants Ordinance (Cap 586). NT in PRC. Category II protected plant in the List of Wild Plants under State Protection in PRC. Listed as Vulnerable in the China Plant Red Data Book and by IUCN (2002). Appendix 2 of CITES</i>													
<i>Aralia armata / Aralia chinensis</i>	Spine Aralia	S	N	C		O										O		S
<i>Aralia decaisneana</i>	Yellow Hair Aralia	T	N	C		S					S							
<i>Araucaria heterophylla</i>	Norfolk Island Pine	T	E	C		S								S				
<i>Archidendron clypearia</i>	Monkey-pod	S	N	C		O	O				S					O		S
<i>Archidendron lucidum</i>	Chinese Apea Earring	S	N	C		O		S								O		O
<i>Archidendron utile</i>	-	S	N	RA									S					
<i>Archontophoenix alexandrae</i>	Alexandra Palm , King Palm	T	E	C											S			
<i>Ardisia crenata</i>	Hilo Holly	S	N	C			O						S					
<i>Ardisia punctata / Ardisia lindleyana</i>	Spotted Ardisia	S	N	C		S												S
<i>Ardisia quinquegona</i>	Asiatic Ardisia	S	N	C		F	F				S							
<i>Aristolochia tagala</i>	<b>India Birthwort</b>	C	N	RA, P	<b>Protected under Forestry and Countryside Ordinance (Cap 96)</b>	O			S									
<i>Artocarpus heterophylla / Artocarpus macrocarpon</i>	Jackfruit	C	N	C											S			
<i>Artocarpus styracifolius</i>	Two-coloured Artocarpus , Bicolor Artocarpus	T	N	RE		S												S
<i>Arundina graminifolia</i>	<b>Bamboo Orchid</b>	H	N	C, P	<b>Protected under Forestry and Countryside Ordinance (Cap 96) and Protection of Endangered Species of Animals and Plants Ordinance (Cap 586)</b>						S					O		
<i>Arundinella sp.</i>		G	N	C							O					O		
<i>Asclepias curassavica</i>	Blood-flower , Blood-flower Milkweed	H	E	C					O									
<i>Asparagus cochinchinensis</i>	Wild Asparagus	C	N	C		S	S				S							
<i>Averrhoa carambola</i>	Carambola	T	E	C							S			S				
<i>Baeckea frutescens</i>	Dwarf Mountain Pine , Shrubby Baeckea	S	N	C							F			F		F		
<i>Bambusa spp.</i>	Bamboo	T	N	C	Bambusa chunii Chia & Fung - EW in PRC	O					O		S					
<i>Bambusa vulgaris</i>	Common Bamboo	H	E	C											O			
<i>Bauhinia blakeana</i>	Hong Kong Orchid Tree	T	N	C				F						O				S
<i>Bauhinia</i>		C	N	C					S									



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<i>Caryota mitis</i>	Small Fishtail Palm , Lesser Fishtail Palm	T	E	C										S			
<i>Cassia alata</i>	Winged Cassia	S	E	C					S	S	S						
<i>Cassia surattensis</i>	Sunshine Tree	T	E	C										S			
<i>Cassytha filiformis</i>	Cassytha	C	N	C						F	F	F			O		
<i>Castanopsis fissa</i>	Castanopsis	T	N	C		O		F							O		S
<i>Casuarina equisetifolia</i>	Horsetail Tree	T	E	C		S		A						O	S		
<i>Catharanthus roseus</i>	Periwinkle , Rose Periwinkle	S	E	C				S						S			
<i>Cayratia corniculata</i>	Corniculate Cayratia	C	N	C		S											S
<i>Celtis biondii</i>	Biond's Hackberry	T	N	RE		S											
<i>Celtis sinensis</i>	Chinese Hackberry	T	N	C		F	F	O		O	O	O		F	O	S	O
<i>Centella asiatica</i>	Moneywort	H	N	C						O	O	S			S		
<i>Ceratophyllum demersum</i>	Coontail , Hornwort	H	N	C									S				
<i>Cerbera manghas</i>	Cerbera , Sea Mango	T	N	C										S			S
<i>Chloris barbata</i>	Peacock-plume Grass	G	N	C										S			
<i>Choerospondias axillaris</i>	Hog Plum	T	N	C		S											S
<i>Chrysalidocarpus lutescens</i>	Bamboo Palm	T	E	C										S			
<i>Chrysanthemum indicum</i>		S	N	C						O	O	O	O		O		
<i>Chukrasia tabularia</i>	Chittagong Chickrassy	T	E	C										S			
<b><i>Cibotium barometz</i></b>	<b>Lamb of Tartary</b>	<b>F</b>	<b>N</b>	<b>C, P</b>	<b>Protected under Protection of Endangered Species of Animals and Plants Ordinance (Cap 586). VU in PRC. Category II protected plant in the List of Wild Plants under State Protection in PRC. Appendix 2 of CITES</b>	<b>F</b>	<b>S</b>	<b>S</b>		<b>S</b>	<b>S</b>	<b>S</b>	<b>F</b>				<b>O</b>
<i>Cinnamomum burmannii</i>	Batavia Cinnamon	T	N	C		O											
<i>Cinnamomum camphora</i>	Camphor Tree	T	N	C		F	F	O		S	S	S		S	S	S	O
<i>Citrus limonia</i>	Chinese Lemon , Canton Lemon	T	E	C										S			
<i>Citrus maxima</i>	Pummelo	T	E	C		S	S		S					S			
<i>Citrus reticulata</i>	Mandarin	T	E	C		S	S		F								
<i>Citrus sinensis</i>	Sweet Orange	S	E	C						O	O						
<i>Claoxylon polot / indicum</i>	Claoxylon	T	N	C		O											
<i>Clausena lansium</i>	Wampi	T	E	C		S	S		O	S	S			O			
<b><i>Cleisostoma simondii</i></b>	<b>Terete Cleisostoma</b>	<b>H</b>	<b>N</b>	<b>C, P</b>	<b>The whole family of orchids (which includes cleisostoma species) protected under Forestry and Countryside Ordinance (Cap 96) and Protection of Endangered Species of Animals and Plants Ordinance (Cap 586)</b>	<b>O</b>	<b>O</b>			<b>S</b>	<b>S</b>		<b>S</b>				
<i>Cleistocalyx operculata</i>	Lidded Cleistocalyx	T	N	C		O						S	A				
<i>Clerodendrum fortunatum</i>	Glorybower	S	N	C		S		S				O			S		S

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<i>Clerodendrum japonicum</i>	Pagoda Flower	S	E	C				S	S								S
<i>Cocculus orbiculatus</i>	Snail Seed	C	N	C		O										O	
<i>Codiaeum variegatum</i>	Garden Croton	S	E	C				S							S		
<i>Coix lacryma-jobi</i>	Job's Tears	G	E	C					S	S						S	
<i>Colocasia esculenta</i>	Taro	H	E	C					S	S			S				S
<i>Commelina nudiflora</i>		H	N	C						F							O
<i>Commelina paludosa</i>	Big Bract Day-flower	H	N	C						O			O				
<i>Conyza canadensis</i>	-	H	E	C					S	O	O					O	
<i>Cratogeomys cochinchinensis</i>	Yellow Cow Wood	S	N	C		F		O				O			O		
<i>Croton lachnocarpus</i>	Hairy-fruited Croton	S	N	C								S					S
<i>Cunninghamia lanceolata</i>	China Fir	T	E	C		S											
<i>Cyclea hypoglauca</i>	-	C	N	C				S									S
<i>Cyclobalanopsis myrsinifolia</i>	Small-leaved Oak	T	N	C								S					
<i>Cyclosorus interruptus</i>	Interrupted Tri-vein Fern	F	N	C						F		O			O	O	
<i>Cyclosorus parasiticus</i>	Wood-fern	F	N	C		F	F	F					F			S	F
<i>Cymbopogon sp.</i>		G	N	C								S					
<i>Cynodon dactylon</i>	Couch Grass , Doub Grass	G	N	C						F	F	O		O		O	
<i>Cyperus flabelliformis</i>	Umbrella Plant	H	E	C						S							
<i>Cyperus iria</i>	Rice Galingale	H	N	C						S							
<i>Cyperus spp.</i>		H	N	C		O				O							
<i>Cyrtococcum patens</i>	-	G	N	C		O	O	O		F							
<i>Daemonorops margaritae</i>	Rattan Palm	H	N	C		O	S						S				S
<i>Dalbergia benthamii</i>	Bentham's Rosewood	C	N	C		O						O			O		O
<i>Dalbergia millettii</i>	Hong Kong Rosewood	C	N	C		O		S				O	O		O		S
<i>Daphniphyllum calycinum</i>	-	T	N	C		O							S				S
<i>Delonix regia</i>	Flame Tree	T	E	C				S								S	
<i>Dendrotrophe frutescens</i>	-	C	N	C								O	S				
<i>Desmodium heterocarpon</i>	False Groundnut	H	N	C				O	S	O	O	O				S	
<i>Desmodium sp.</i>		H	N	C		S											S
<i>Desmos chinensis</i>	Desmos	S	N	C		O	F	S									O
<i>Dianella ensifolia</i>	Dianella	H	N	C		O		S				O			O		S
<i>Dicranopteris linearis</i>	Linear Forked Fern	F	N	C		S						F			O		
<i>Dicranopteris pedata</i>	Dichotomy Forked Fern	F	N	C		O		F				A			F		F
<i>Digitaria sp.</i>	Crabgrass	G	N	C				S				S					
<i>Dimocarpus longan</i>	Longan	T	N	C		F	F	S	F	O	O		O	F	S	S	F
<i>Dioscorea</i>	Yam	C	N	C		O							S				O

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<i>cirrhusa</i>																		
<i>Diospyros eriantha</i>	Woolly-flowered Persimmon	T	N	C		S						S						
<i>Diospyros kaki</i>	Kaki Persimmon , Persimmon	T	N	C		S	S											
<i>Diploclisia glaucescens</i>	Glaucescent Diploclisia	C	N	C		S		O										
<i>Diplospora dubia</i>	Common Tricalysia	S	N	C		O	O											
<i>Dracaena sanderiana</i>	Belgium Evergreen , Sander's Dracaena	H	E	C					O						S			
<i>Dracaena sp.</i>		T	E	C		S												
<i>Dryopteris sp.</i>		F	F	-									S					
<i>Duranta erecta</i>	Golden Dewdrops	S	E	C				O							S			
<i>Eclipta prostrata</i>	Eclipta	H	N	C						O								
<i>Elaeagnus loureirii</i>	-	T	N	C		S	S											
<i>Elaeocarpus chinensis</i>	Chinese Elaeocarpus , Elaeocarpus	T	N	C				O				S						
<i>Elephantopus tomentosus</i>	-	H	N	C		S						O						S
<i>Eleutherococcus trifolius</i>	Three-leaved Eleutherococcus	C	N	C						F	O							
<i>Embelia laeta</i>	Twig-hanging Embelia	C	N	C							S					O		
<i>Embelia ribes</i>	White-flowered Embelia	C	N	C								S						
<i>Endospermum chinense</i>	Endospermum	T	N	RE		F		S				S						O
<i>Epipremnum aureum</i>	Ivy-arum	C	E	C		O									S			S
<i>Eriobotrya japonica</i>	Loquat	T	E	C											S			
<i>Erythrina speciosa</i>	Ivory Coral Tree	T	E	C											S			
<i>Eucalyptus citriodora</i>	Lemon-scented Gum	T	E	C											O			O
<i>Eucalyptus robusta</i>	Swamp Mahogany	T	E	C								S						
<i>Eupatorium catarium</i>	-	H	E	C		O				O	O	O			O			O
<i>Euphorbia antiquorum</i>	Fleshy Spurge , Ancients Euphorbia	H	E	C											S			
<i>Euphorbia hirta</i>		H	N	C											S			
<i>Eurya nitida</i>	Shining Eurya	S	N	C		O				S	S	O	S		O			O
<i>Excoecaria cochinchinensis</i>		S	E	C											S			
<i>Ficus benjamina</i>	Weeping Fig	T	E	C											S			
<i>Ficus elastica</i>	India-rubber Tree , Caoutchuc	T	E	C											S			
<i>Ficus fistulosa</i>	Common Yellow Steg-fig	T	N	C												S		
<i>Ficus hirta</i>	Hairy Fig	S	N	C		F	O	S				S			S			O
<i>Ficus hispida</i>	Opposite-leaved Fig	T	N	C		F	S	S	S	O	O	O	F	O			O	O
<i>Ficus microcarpa</i>	Chinese Banyan	T	N	C		O		O				S	S	O				S
<i>Ficus pumila</i>	Creeping Fig	C	N	C														
<i>Ficus pyriformis</i>	Pear-fruit Fig , Ribbed Bush Fig	S	N	C								S	F		S			
<i>Ficus superba</i>	Japanese Superb Fig	T	N	C						S	S			O				
<i>Ficus variegata</i>	Common Red-stem Fig	T	N	C		F	F	O							S		O	O
<i>Ficus variolosa</i>	Varied-leaf Fig	T	N	C		S	S					S			S			

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<i>Ficus virens</i>	Big-leaved Fig	T	N	C				S						S			
<i>Fimbristylis ovata</i>		H	N	C								S			S		
<i>Fimbristylis</i> spp.		H	N	-						O	O	S			S		
<i>Gahnia tristis</i>	Triste Gahnia	H	N	C		O						O			O		
<i>Garcinia oblongifolia</i>	Lingnan Garcinia	T	N	C		O		S				S			O		S
<i>Gardenia jasminoides</i>	Cape Jasmine	S	N	C		O		S				S		O	O		S
<i>Glochidion eriocarpum</i>	Hairy-fruited Abacus Plant	S	N	C		F	O	O				S	S		O		O
<i>Glochidion lanceolarium</i>	Large-leaved Abcaus Plant	T	N	C		S						S					
<i>Glochidion wrightii</i>	Wright's Abacus Plant	S	N	C		O				S	S	S			O		S
<i>Glochidion hirsutum</i>	Thick-leaved Abacus Plant	T	N	C						S		S			S		
<i>Glochidion zeylanicum</i>	Hong Kong Abacus Plant	T	N	C					S	O		O	O		O		S
<i>Glycosmis parviflora</i>	Glycosmis	S	N	C			S										
<i>Gnetum montanum / Gnetum luofuense</i>	Luofushan Joint-fir	C	N	C		F						S			O		O
<i>Gordonia axillaris</i>	Hong Kong Gordonia	T	N	C		O		O				O					S
<i>Grevillea robusta</i>	Silk Oak	T	E	C										S			
<i>Hedychium coronarium</i>	Ginger Lily	H	E	C					O	F		S	S		O	O	O
<i>Hedyotis acutangula</i>	Angle-stemmed Hedyotis , Square Bone-wort	H	N	C		S						S			S		
<i>Hedyotis auricularia</i>	Auricular Hedyotis	H	N	C						O		S					
<i>Helicteres angustifolia</i>	Narrow-leaved Screwtree	H	N	C								S			S		
<i>Hibiscus mutabilis</i>	Changeable Rose-mallow	S	E	C				S									
<i>Hibiscus rosa-sinensis</i>	Chinese Hibiscus	S	E	C											O		
<i>Hibiscus tiliaceus</i>	Cuban Bast	T	N	C		S									S		
<i>Hydrocotyle sibthorpioides</i>	Asiatic Pennywort	H	N	C						S			F				
<i>Hygrophila salicifolia</i>		H	N	C								S			S		
<i>Hymenocallis littoralis</i>	American Hymenocallis , Spider Lily	H	N	C				S		S			S	S			
<i>Hypolytrum nemorum</i>	Wooded Hypolytrum	H	N	C		S									S		
<i>Ilex asprella</i>	Rough-leaved Holly	S	N	C		O	O	O				O	O	O	O		O
<i>Ilex ficoidea</i>	Fig-leaved Holly	T	N	C		F									F		O
<i>Ilex pubescens</i>	Downy Holly	S	N	C		O		S				O					S
<i>Ilex rotunda</i>	Chinese Holly	S	N	C		O								O	S		
<i>Ilex viridis</i>	Small-leaved Holly	T	N	C								O			S		
<b><i>Illigera celebica</i></b>	<b>Illigera</b>	<b>C</b>	<b>N</b>	<b>VR, P</b>	<b>Protected under Forestry and Countryside Ordinance (Cap 96). LC in PRC</b>	<b>O</b>											
<i>Impatiens chinensis</i>	Touch-me-not	H	N	C				O		O							
<i>Imperata koenigii</i>	Lalang Grass	G	N	C				O			O	O					S



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						Secondary Woodland	Fung Shui Wood	Plantation	Active Agricultural Land	Abandoned Agricultural Land (Wet)	Abandoned Agricultural Land (Dry)	Shrubland Grassland Mosaic	Stream	Developed Area	Development Site	Ecological Reserve	Sha Lo Tung Road	
<i>Imperata cylindrica</i>																		
<i>Inula cappa</i>	Elecampane	H	N	C								S					S	
<i>Ipomoea aquatica</i>	Water Spinach , Swamp Morning-glory	C	E	C					S									
<i>Ipomoea cairica</i>	Gairo Morning Glory	C	N	C		O			O	A	A		O	F			O	O
<i>Isachne globosa</i>	Globose Zo-sasa , Globose Twinball Grass	G	N	C						O		O					O	
<i>Ischaemum aristatum</i>	Duck-beak Grass	G	N	C		O				F	F	O					O	
<i>Itea chinensis</i>	Itea	S	N	C		S		S				S					S	S
<i>Ixora chinensis</i>	Chinese Ixora	S	N	C										O				S
<i>Ixora coccinea</i>	Ixora	S	E	C										S				
<i>Jatropha curcas</i>	Physic Nut	T	E	C										S				
<i>Juniperus chinensis</i>	Chinese Juniper	T	E	C										S				
<i>Kyllinga sp.</i>		H	N	C						S	S							
<i>Lagerstroemia indica</i>	Common Crape Myrtle , Crape Myrtle	T	N	C										S				
<i>Lagerstroemia speciosa</i>	Queen Crape Myrtle	T	E	C				S						S				
<i>Lantana camara</i>	Lantana	S	E	C		O		O	O	O	O	O	O	F			O	S
<i>Lasianthus chinensis</i>	Chinese Lasianthus	S	N	C		S		S				S	S					S
<i>Lepidosperma chinense</i>	Chinese Scaleshed Sedge , Chinese Scaly Seed	H	N	C								O						
<i>Leucaena leucocephala</i>	White Popinac	S	N	C		O		F		F	F		O	F				O
<i>Ligustrum sinensis</i>	Chinese Privet	S	N	C		O		F		S	S		S	S				S
<i>Lindsaea orbiculata</i>	Orbicular Lindsaea	F	N	C		O	O					S					S	
<i>Liquidambar formosana</i>	Sweet Gum	T	N	C		O		O				O						
<i>Liriope spicata</i>	Lily Turf	H	N	C		F		O					F				F	O
<i>Litchi chinensis</i>	Lychee	T	E	C		O			O	S	S		S	S				S
<i>Lithocarpus glaber</i>	Tanoak	T	N	C								S						
<i>Litsea cubeba</i>	Fragrant Litsea	T	N	C		O		S				O	O				O	S
<i>Litsea glutinosa</i>	Pond Spice	T	N	C		F		O				O					F	O
<i>Litsea monopetala</i>	Persimmon-leaved Litsea	T	N	C		O	O						S					S
<i>Litsea rotundifolia</i>	Round-leaved Litsea	S	N	C		F		O				O	S				F	F
<i>Livistona chinensis</i>	Chinese Fan-palm	T	E	C				S									S	
<i>Lonicera japonica</i>	Honeysuckle	C	N	C					S								S	
<i>Lophatherum gracile</i>	Common Lophantherum	G	N	C		F		S										F
<i>Lophostemon confertus</i>	Brisbane Box	T	E	C				F									S	O
<i>Loropetalum chinense</i>	Strap Flower	G	N	C		F											S	O
<i>Ludwigia perennis</i>	-	S	N	C						S	S	S					S	
<i>Lycopodium cernuum</i>		F	N	C								S					S	
<i>Lygodium conforme</i>	Conform Climbing Fern	F	N	C		S				O	O	F	O	F			O	

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<i>Lygodium dichotomum</i>	Conform Climbing Fern	C	N	C		O										O		
<i>Lygodium flexuosum</i>	Flexuose Climbing Fern	C	N	C		S	S	S										
<i>Lygodium japonicum</i>	Climbing Fern	C	N	C		O		O			F					O		S
<i>Lygodium scandens</i>	Scansorial Climbing Fern	F	N	C		O		O	O	O			O			O		O
<i>Macaranga tanarius</i>	Elephant's Ear	T	N	C		F		O		O			O	F		O		
<i>Machilus breviflora</i>	Short-flowered Machilus	T	N	C		O	O	S			S							S
<i>Machilus chekiangensis</i>	Chekiang Machilus	T	N	C		F	O				S	O				O		O
<i>Machilus chinensis</i>	Hong Kong Machilus	T	N	C		O										O		
<i>Machilus sp.</i>		T	N	-			S											
<i>Maesa perlarium</i>	-	S	N	C		F	F	O			S	O				O		F
<i>Mallotus paniculatus</i>	Turn-in-the-wind	T	N	C		O		O								O		O
<i>Mangifera indica</i>	Mango	T	N	C		S			S	O	O						S	S
<i>Melaleuca quinquenervia</i>	Paper-bark Tree	T	E	C		S		F								O		O
<i>Melastoma candidum</i>	Common Melastoma	S	N	C		O		O		O	O	F	O	O		O		S
<i>Melastoma dodecandrum</i>	Twelve-stamened Melastoma	C	N	C		S						S				S		
<i>Melastoma sanguineum</i>	Blood-red Melastoma	S	N	C		O	O					O				O		O
<i>Melastoma sp.</i>		S	N	C					S									
<i>Melia azedarach</i>	China-berry , Persian Lilac	T	E	C		S		S										S
<i>Melicope pteleifolia</i>		T	N	C		O	O					S				S		O
<i>Michelia x alba</i>	White Jade Orchid Tree	T	E	C					S	O	O					S		
<i>Microcos paniculata</i>	Microcos	S	N	C		F		S				S	S			S		O
<i>Microstegium ciliatum</i>	Ciliate Microstegium	G	N	C		F	F	O	F	A	A	O	F			O		A
<i>Mikania micrantha</i>	Mile-a-minute Weed	C	E	C		F		F		A	A	F	O	F		S		A
<i>Millettia nitida</i>	Glittering-leaved Millettia	C	N	C		S						S	S			S		
<i>Mimosa pudica</i>	Sensitive Plant	H	N	C				O	S	O	O	S						
<i>Miscanthus floridulus</i>	Many-flowered Silvergrass	G	N	C		S				S	O	S				S		O
<i>Miscanthus sinensis</i>	Chinese Silvergrass	G	N	C		O	S	O		S	O	F				O		F
<i>Monstera deliciosa</i>	Ceriman	H	E	C													S	
<i>Morinda umbellata</i>	Common Indian-mulberry , Morinda	C	N	C								S				S		
<i>Morus alba</i>	White Mulberry	S	N	C						S	S							
<b><i>Mucuna championii</i></b>	<b>Hong Kong Mucuna</b>	C	N	RA	<b>EN in PRC. Not protected in HK.</b>	S												
<i>Musa x paradisiaca</i>	Common Banana	S	N	C		S			F	F	F		O	O				S
<i>Mussaenda erosa</i>	Erose Mussaenda , Wild Mussaenda	S	N	C								S						
<i>Mussaenda pubescens</i>	Splash-of-white	S	N	C		O	S									O		

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<i>Neyraudia reynaudiana</i>	Burma-reed , Reed-like Grass	G	N	C		S		O		F	F	F			O	O	O
<i>Ormosia pachycarpa</i>	Hairy-fruited Ormosia	T	N	RE	EN in PRC. Not protected in HK.	S											
<i>Ormosia</i> sp.		T	N	C									S				
<i>Osbeckia chinensis</i>	Chinese Osbeckia	S	N	C								S					
<i>Osmunda vachellii</i>	Vachel's Osmunda	F	N	C									S				
<i>Oxalis corymbosa</i>	Lavender Sorrel	H	N	C				O									O
<i>Oxalis reticulata</i>	Sorrel	H	N	C		S		O									
<i>Paederia scandens</i>	Chinese Feervine	C	N	C				S			S				S		
<i>Paederia tomentosa</i>	Tomentose Feervine	H	N	C				S									O
<i>Pandanus</i> sp.		S	N	C		O	O				S	S					S
<i>Panicum maximum</i>	Guinea Grass	G	N	C		O			S	O	O	F		F	F		O
<i>Panicum repens</i>	Panic Grass	G	N	C						A							A
<i>Paspalum conjugatum</i>	Hilo Grass	G	N	C						A	A			O		A	
<i>Paspalum distichum / Paspalum paspaloides</i>	Knotgrass	G	N	C					S					S			
<i>Passiflora foetida</i>	Passion Flower	C	N	C		S											S
<i>Pavetta hongkongensis</i>	Hong Kong Pavetta	S	N	C, P	Protected under Forestry and Countryside Ordinance (Cap 96)	S	O			S		S					S
<i>Pecteilis susannae</i>	Common Pecteilis , Susan Orchid	H	N	RE, P	Protected under Forestry and Countryside Ordinance (Cap 96) and Protection of Endangered Species of Animals and Plants Ordinance (586)							S					
<i>Peltophorum pterocarpum</i>	Yellow Poinciana	T	E	C										O			
<i>Pentas lanceolata</i>	Pentas	S	E	C					O								
<i>Phoenix roebelenii</i>	Dwarf Date Palm	T	E	C										S			
<i>Phyllanthus cochinchinensis</i>	Vietnam Leaf-flower	S	N	C		O							O		O		
<i>Phyllanthus emblica</i>	Myrobalan	T	N	C		O			S	O	S	O					S
<i>Phyllanthus reticulata</i>	Reticulated Leaf-flower	S	N	C		O				S	S			S		S	
<i>Phyllodium pulchellum</i>	Beautiful Phyllodium	S	N	C						S	S						
<i>Pinus elliottii</i>	Slash Pine	T	N	C		S		O				S					O
<i>Piper hancei</i>	Hance's Pepper	H	N	C		S											S
<i>Piper sarmentosum</i>	Short-spiked Pepper	H	N	C			O										
<i>Plumeria rubra</i>	Frangipani , Red Frangipani	T	E	C		S								S			
<i>Polygonum chinense</i>	Chinese Knotweed	H	N	C					O	O	O		F				
<i>Polygonum hydropiper</i>	Water Smartweed	H	N	C					S				O			S	
<i>Polygonum perfoliatum</i>	Spiny Knotweed , Perfoliate Knotweed	H	N	C						S							
<i>Prunus persica</i>	Peach	T	E	C					F								
<i>Prunus</i>	Wild Cherry	T	N	C		O	O										

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<i>phaeosticta</i>																		
<i>Psidium guajava</i>	Guava	H	E	C		S				S	S							
<i>Psychotria asiatica / rubra</i>	Wild Coffee	S	N	C		A	A	F					F			F	S	F
<i>Psychotria serpens</i>	Creeping Psychotria	C	N	C		S	S					S				S		S
<i>Pteridium aquilinum</i>	Bracken Fern	F	N	C		S				S	S	S						S
<i>Pteris biaurita</i>	Biauriculate Brake	F	N	C		S												
<i>Pteris ensiformis</i>	Sword Brake	F	N	C		S		O									S	
<i>Pteris semipinnata</i>	Semi-pinnated Brake	F	N	C		O	O	S					O				S	O
<i>Pteris vittata</i>	Ladder Brake	F	N	C									S					
<i>Pterocarpus indicus</i>	Burmese Rosewood	T	E	C								S						
<i>Pueraria lobata</i>	Kudzu	C	N	C		O				A	A		O					O
<i>Pueraria phaseoloides</i>	Wild Kudzu Vine	C	E	C		O		F		O	O			F			O	O
<i>Pyrostegia vetusta</i>	Fire-cracker Vine	C	E	C							S							
<i>Pyrrhosia adnascens</i>	Tongue-fern	F	N	C		O	O						S				O	
<i>Rapanea neriifolia</i>		S	N	C		S											S	
<i>Ravenala madagascariensis</i>	Traveller's Palm	T	E	C										S				
<i>Reevesia thyrsoidea</i>	Reevesia , Buch-like	T	N	C		S						S					S	
<i>Rhammus crenata</i>	Buckthorn	T	N	C		S				S								S
<i>Rhaphiolepis indica</i>	Hong Kong Hawthorn	S	N	C		O	O					F	S			O		O
<i>Rhapis excelsa</i>	Lady Palm	H	N	C					S									
<i>Rhododendron spp.</i>		S	E	C													S	S
<b><i>Rhodoleia championii</i></b>	<b>Rhodoleia</b>	<b>T</b>	<b>N</b>	<b>VR, P</b>	<b>VU in PRC. Protected under Forestry and Countryside Ordinance (Cap 96)</b>			<b>S</b>										<b>S</b>
<i>Rhodomyrtus tomentosa</i>	Rose Myrtle	S	N	C		O		O				F				F		O
<i>Rhoeo discolor</i>	Red Beakrush , Bristle Beakrush	H	E	C										S				
<i>Rhus chinensis</i>	Sumac	S	N	C		S		S		O	O	O		O				S
<i>Rhus hypoleuca</i>	Sumac	T	N	C		S						S						S
<i>Rhus succedanea</i>	Wax Tree	S	N	C		O						O				O		
<i>Rhynchospora rubra</i>	Red Beakrush , Bristle Beakrush	H	N	C								O				S		
<i>Ricinus communis</i>	Castor-oil Plant	S	E	C		S			O	O	O							
<i>Rosa laevigata</i>	Cherokee Rose	C	N	C									S					
<i>Rourea microphylla</i>	Little-leaved Rourea	C	N	C		S		S										
<i>Roystonea regia</i>	Royal Palm	T	E	C										S				
<i>Rubus leucanthus</i>	White-flowered Raspberry	C	N	C		O				S	S	O	S			O		S
<i>Rubus reflexus</i>	Rusty-haired Raspberry	C	N	C		F		F				O	O			O		F
<i>Saccharum arundinaceum</i>	Reed-like Sugarcane	G	N	C						F	F	S						S
<i>Saccharum officinarum</i>	Sugar Cane	G	E	C					S									
<i>Sacciolepis indica</i>	Indina Cupscale	G	N	C								S				S		

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<i>Sageretia thea</i>	Hedge Sageretia	C	N	C			S										
<i>Sapium discolor</i>	Mountain Tallow Tree	S	N	C		F		F				O			O		O
<i>Sapium sebiferum</i>	Chinese Tallow Tree	S	N	C		O		O				O	S		O		
<i>Sarcandra glabra</i>	Sarcandra	S	N	C		A	F	O		S		S	F		O		F
<i>Sarcosperma laurinum</i>	Fleshy Nut Tree	T	N	C		S											
<i>Saurauia tristyla</i>	-	T	N	C		S							S				
<i>Saururus chinensis</i>	Lizard's Tail	H	N	C		S				O			S				
<i>Schefflera arboricola</i>	Miniature Umbrella Plant	S	E	C				S									
<i>Schefflera heptaphylla</i>	Ivy Tree	T	N	C		F	F	F		S	S	O	F		F	S	F
<i>Schima superba</i>	Schima , Chinese Gugertree	T	N	C		A	F	O				O	F	S	F		A
<i>Scleria ciliaris</i>	Ciliate Razorsedge , Nut Rush	H	N	C								F			F		
<i>Scleria spp.</i>		H	N	C		S		S		S	S		S				S
<i>Scolopia chinensis</i>	Chinese Scolopia	T	N	C				S		S	S						
<i>Scoparia dulcis</i>	Sweet Broomwort	H	N	C						O	O						
<i>Selaginella sp.</i>		F	N	C								S			S		
<i>Sesbania javanica</i>	Java Sesbania	S	N	C					S	S	S			F			
<i>Setaria sp.</i>		G	N	C				S		S	S					S	
<i>Sida rhombifolia</i>	Sida Hemp	S	N	C		S				O	O						
<i>Smilax china</i>	Greenbrier	C	N	C		O						A	O	F	F		O
<i>Smilax glabra</i>	Glabrous Greenbrier	C	N	C		O	S					F			O		O
<i>Solanum melongena</i>	Egg-plant , Brinjal	H	E	C					S								
<i>Solanum torvum</i>	Tetragonan , Wild Tomato	S	E	C		S		S		S	S						
<i>Solena amplexicaulis</i>	Clasping-stem Solena , Melothria	C	N	C				S									
<i>Spathodea campanulata</i>	African Tulip Tree	T	E	C										S			
<i>Spathoglottis pubescens</i>	<b>Buttercup Orchid</b>	<b>H</b>	<b>N</b>	<b>C, P</b>	<b>Protected under Forestry and Countryside Ordinance (Cap 96) and Protection of Endangered Species of Animals and Plants Ordinance (586)</b>							<b>O</b>			<b>S</b>		
<i>Spilanthes paniculata</i>	Gold Button	H	N	C						S	S						
<i>Sporobolus fertilis</i>	Australian Smut-grass	G	N	C						S	S	S					
<i>Stephania longa</i>	Long Stephania	C	N	C		S											S
<i>Sterculia lanceolata</i>	Lance-leaved Sterculia , Scarlet Sterculia	T	N	C		F	F	S				S	F		O		F
<i>Strophanthus divaricatus</i>	Goat Horns	C	N	C		O						S			O		
<i>Symplocos glauca</i>	Glaucous Sweet-leaf , Lamb's Tongue	T	N	C		O											
<i>Symplocos lancifolia</i>	Smooth-leaved Sweet-leaf	T	N	C		S	O										
<i>Symplocos cochinchinensis</i> var. <i>laurina</i>	Laurel Sweet-leaf	T	N	C		S						S			S		
<i>Syngonium podophyllum</i>	African Evergreen , Syngonium	C	E	C										S			S

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<i>Syzygium hancei</i>	Hance's Syzygium	T	N	C		O	F	S				O	S				
<i>Syzygium jambos</i>	Rose Apple	T	N	C		F	F	O					S		S		
<i>Syzygium levinei</i>	Levine's Syzygium	T	N	C		F		O					S	S			F
<i>Syzygium</i> spp.		T	E	C		S											
<i>Tadehagi triquetrum</i>	Triquetrous Tadehagi	S	N	C								S					S
<i>Taxillus chinensis</i>	-	C	N	C								O					O
<i>Tectaria subtriphylla</i>	-	F	N	C		S											S
<i>Tetracera asiatica</i>	Sandpaper Vine	C	N	C		O	O					S	S				O
<i>Tetradium glabrifolium</i>	Melia-leaved Evodia	T	N	C		S											S
<i>Thevetia peruviana</i>	Yellow Oleander	S	E	C					S								
<i>Thuja orientalis</i>	Chinese Arborvitae , Oriental Arbor-vitae	T	E	C		S		S						S			S
<i>Thysanolaena maxima / Thysanolaena agrostis</i>	Tiger-grass	G	N	C		S											S
<i>Tinospora sagittata</i>	Arrow-shaped Tinospora	C	N	C		S											
<i>Tinospora sinensis</i>	Chinese Tinospora	C	N	C		S			S	S							S
<i>Toddalia asiatica</i>	Lopez Root	C	N	C		S											
<i>Toona sinensis</i>	Chinese Mahogany	T	E	C										S			
<i>Trema orientalis</i>		S	N	C								O					
<i>Turpinia montana</i>	-	T	N	C		O											
<i>Tutcheria spectabilis</i>	<b>Common Tutcheria , Tutcheria</b>	T	N	RE,P	<b>Protected under Forestry and Countryside Ordinance (Cap 96)</b>	S		S									S
<i>Tylophora ovata</i>	Ovate Tylophora	C	N	C		S						S					S
<i>Uraria crinita</i>	Cat's Tail Bean , Tail Bean	H	N	C								S					
<i>Utricularia</i> sp.		H	N	C									S				
<i>Uvaria microcarpa / Uvaria macrophylla</i>	Uvaria	C	N	C		F	F										O
<i>Vernicia montana</i>	Wood-oil Tree , Mu-oil Tree	T	E	C				S									S
<i>Vernonia cinerea</i>	Iron-weed	H	N	C													S
<i>Viburnum odoratissimum</i>	Sweet Viburnum	T	N	C		O	S		S					S			S
<i>Viburnum sempervirens</i>	Evergreen Viburnum	T	N	C		S					O						S
<i>Vitex negundo</i>	Yellow Bramble	T	N	C		O	S		O	S	S	S	S				
<i>Wedelia chinensis</i>	Wedelia	C	N	C		O											O
<i>Wedelia triloba</i>	-	C	E	C				F						F			O
<i>Wikstroemia indica</i>	Indian Wikstroemia	S	N	C		O											O
<i>Wikstroemia nutans</i>	Nodding Wikstroemia	H	N	C		S											S
<i>Youngia japonica</i>	Hawk's Beard	H	N	C		O					O	S					O
<i>Zanthoxylum avicennae</i>	Prickly Ash	T	N	C		O	F	O			S					S	S
<i>Zanthoxylum nitidum</i>	Shiny-leaved Prickly Ash	C	N	C		S											
<i>Zephyranthes rosea</i>	Cuban Zephyr-lily	H	N	C										S			

Species	Common Name	Growth Form <sup>1</sup>	Origin <sup>2</sup>	Commonness <sup>3</sup>	Conservation Interest	Study Area							Project Area				
						Secondary Woodland	Fung Shui Wood	Plantation	Active Agricultural Land	Abandoned Agricultural Land (Wet)	Abandoned Agricultural Land (Dry)	Shrubland Grassland Mosaic	Stream	Developed Area	Development Site	Ecological Reserve	Sha Lo Tung Road
<i>Zingiber officinale</i>	Ginger	H	N	C		S			S					S			
TOTAL No. OF SPECIES		431	431	431		233	76	130	49	105	82	163	95	121	144	39	152

Notes:

1. Growth Form T = Tree, S = Shrub, C = Climber, G = Grass, H = Herb, F = Fern

2. Origin N = Native, E = Exotic; reference made to Hong Kong Herbarium Website available at <http://www.hkherbarium.net/Herbarium/frame.html>

3. Commonness C = Common/very common, RE = Restricted, RA=Rare, VR=Very rare, P=Protected; references made to Corlett et al. (2000) and Yip et al. (2010) (in Hong Kong Biodiversity News Letter Issue No. 19)

Conservation Interest LC = Least Concern, VU = Vulnerable, NT = Near Threatened, EW = Extinct in the Wild

Relative Abundance A = Abundant, F = Frequent, O=Occasional, S=Scarce

**Table 2** Bird Species Recorded Within the Study Area during the Ecological Surveys (2004 - 2011)

Species name	Common name	Commonness*	Status†	Habitat^
<i>Accipiter trivirgatus</i>	Crested Goshawk	U Class 2 Protected Animal of PRC Protected under <i>Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586)</i> <i>China Red Data Book Status - Rare</i> <i>Appendix 2 of CITES</i>	R	A, W
<i>Buteo buteo</i>	Common Buzzard	C Class 2 Protected Animal of PRC Protected under <i>Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586)</i> <i>Appendix 2 of CITES</i>	WV, PM	A, S, SG, W
<i>Milvus migrans</i>	Black Kite	CW Class 2 Protected Animal of PRC Protected under <i>Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586)</i> <i>Appendix 2 of CITES</i>	R, WV	A, W, SG, D, S
<i>Spilornis cheela</i>	Crested Serpent Eagle	U Class 2 Protected Animal of PRC Protected under <i>Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586)</i> <i>China Red Data Book Status - Vulnerable</i> <i>Appendix 2 of CITES</i>	R, PM	A, W, P, SG, S
<i>Alcedo atthis</i>	Common Kingfisher	CW	R, WV, PM, SV	A
<i>Halcyon smyrnensis</i>	White-throated Kingfisher / White-breasted Kingfisher / Smyrna Kingfisher	CW	R	A, G
<i>Apus nipalensis / affinis</i>	House Swift	CW	R, PM	A, W, P, SG, S, D
<i>Apus pacificus</i>	Pacific Swift / Fork-tailed Swift / Large White-rumped Swift / Asian White-rumped Swift	CW	SV, PM, WV	A, W, G
<i>Hirundapus caudacutus</i>	White-throated Needle Tail / White-throated Spinetail / Northern Needletail / Needle-tailed Swift	U	PM	W
<i>Ardeola bacchus</i>	Chinese Pond Heron	CW	R	A
<i>Egretta garzetta</i>	Little Egret	CW	R	D, A, W
<i>Nycticorax nycticorax</i>	Night Heron	C	R, WV	A, D
<i>Pericrocotus flammeus</i>	Scarlet Minivet	C	R, WV	A, W
<i>Pericrocotus solaris</i>	Grey-throated Minivet	C	R, WV	W, P
<i>Centropus bengalensis</i>	Lesser Coucal	C Class 2 Protected Animal of PRC <i>China Red Data Book Status - Vulnerable</i>	R	A, W, SG
<i>Centropus sinensis</i>	Greater Coucal	CW Class 2 Protected Animal of PRC <i>China Red Data Book Status - Vulnerable</i>	R	A, W, SG, P, S
<i>Prinia flaviventris</i>	Yellow-bellied Prinia	CW	R	A, W, P, SG, D, S
<i>Prinia inornata</i>	Plain Prinia	C	R	A, S
<i>Chalcophaps indica</i>	Emerald Dove	S <i>China Red Data Book Status - Vulnerable</i>	R	W, D
<i>Streptopelia chinensis</i>	Spotted Dove	CW	R	A, W, SG, D, S
<i>Streptopelia orientalis</i>	Oriental Turtle Dove	CW	WV, PM	A
<i>Corvus macrorhynchos</i>	Large-billed Crow	CW	R	S, A, W, SG, D, S
<i>Dendrocitta formosae</i>	Grey Treepie	S	R, WV	A, S
<i>Pica pica</i>	Common Magpie	CW	R	D
<i>Urocissa erythrorhyncha</i>	Blue Magpie	CW	R	-
<i>Cacomantis merulinus</i>	Plaintive Cuckoo	U	SV	A, W, P
<i>Clamator coromandus</i>	Chestnut-winged Cuckoo / Red-winged Crested Cuckoo	U	PM, SV	A, W, D
<i>Eudynamys scolopacea</i>	Common Koel / Koel / Asian Koel	CW	R	W



Species name	Common name	Commonness*	Status†	Habitat^
<i>Hierococcyx nicolor</i>	Hodgson's Hawk Cuckoo	S	PM	W
<i>Hierococcyx sparveriooides</i>	Large Hawk Cuckoo	CW	PM, SV	A, W, P, S
<i>Dicaeum cruentatum</i>	Scarlet-backed Flowerpecker	C	PM, SV	A, W, SG, P, D, S
<i>Dicrurus hottentottus</i>	Hair-crested Drongo	C	PM, WV	A
<i>Dicrurus leucophaeus</i>	Ashy Drongo	S	WV	W
<i>Dicrurus macrocercus</i>	Black Drongo	CW	SV, PM	A, SG, W, S
<b><i>Emberiza aureola</i></b>	<b>Yellow-breasted Bunting</b>	<b>C</b> <b>IUCN Red List Status - Vulnerable</b>	<b>WV, PM</b>	<b>W</b>
<i>Emberiza spodocephala</i>	Black-faced Bunting	CW	WV, PM	A, SG, W, S
<i>Emberiza tristrami</i>	Tristram's Bunting	U	WV	SG, W
<i>Lonchura punctulata</i>	Scaly-breasted Munia / Spotted Munia / Spice Finch / Nutmeg Mannikin	C	R	A
<i>Lonchura striata</i>	White-rumped Munia / White-backed Munia	CW	R	A, W, SG, S
<b><i>Falco tinnunculus</i></b>	<b>Common Kestrel / Eurasian Kestrel</b>	<b>C</b> <b>Protected under Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586)</b> <b>Class 2 Protected Animal of PRC</b> <b>Appendix 2 of CITES</b>	<b>WV, PM</b>	<b>A, SG, S</b>
<i>Hirundo rustica</i>	Barn Swallow	CW	PM, SV	A, W, P, SG, D, S
<i>Amaurornis phoenicurus</i>	White-breasted Waterhen	CW	R	A
<i>Lanius cristatus</i>	Brown Shrike	C	WV, PM	A, SG
<i>Lanius schach</i>	Long-tailed Shrike / Rufous-backed Shrike / Dusky Shrike	C	R	S, A, D, SG, W, S
<i>Anthus hodgsoni</i>	Olive-backed Pipit	CW	WV, PM	A, W, SG, P
<i>Motacilla alba</i>	White Wagtail	CW	WV, PM	A, P, D, SG, S
<i>Motacilla cinerea</i>	Grey Wagtail	CW	WV, PM	A, W
<i>Motacilla flava</i>	Yellow Wagtail / Grey-headed Wagtail / Dark-headed Wagtail / Siberian Yellow Wagtail	C	PM, WV	A
<i>Culicicapa ceylonensis</i>	Grey-headed Flycatcher	U	WV	W
<i>Cyornis hainanus</i>	Hainan Blue Flycatcher	U	SV, PM	W
<i>Muscicapa dauurica</i>	Asian Brown Flycatcher	C	WV, PM	A
<i>Aethopyga christinae</i>	Fork-tailed Sunbird	CW	R	A, W, P, SG, D, S
<i>Parus major</i>	Great Tit	CW	R	A, SG, W, P, S
<i>Passer montanus</i>	Eruasian Tree Sparrow	CW	R	A, D, SG, P
<i>Francolinus pintadeanus</i>	Chinese Francolin	CW	R	G
<i>Hypsipetes castanonotus</i>	Chestnut Bulbul	C	R, WV	A, W, P, SG, S
<i>Pycnonotus aurigaster</i>	Sooty-headed Bulbul / Red-vented Bulbul	U	R	A, SG
<i>Pycnonotus jocosus</i>	Red-whiskered Bulbul / Crested Bulbul	CW	R	A, W, P, SG, D, S
<i>Pycnonotus sinensis</i>	Chinese Bulbul / Light vented Bulbul	CW	R, WV	A, W, P, SG, D, S
<b><i>Rallina eurizonoides</i></b>	<b>Slaty-legged Crane</b>	<b>C</b> <b>China Red Data Book Status-Indeterminate</b>	<b>SV, WV, PM</b>	<b>A</b>
<b><i>Glaucidium cuculoides</i></b>	<b>Asian Barred Owlet / Cuckoo Owl</b>	<b>U</b> <b>Class 2 Protected Animal of PRC</b> <b>Protected under Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586)</b>	<b>R</b>	<b>A, W</b>
<i>Acridotheres cristatellus</i>	Crested Myna	CW	R	A, D, G, S
<i>Sturnus nigricollis</i>	Black-collared Starling / Black-necked Starling	CW	R	A, W, D, P
<i>Sturnus sericeus</i>	Silky Starling / Red-billed Starling	C	WV	A, D
<i>Bradypterus sp.</i>	Bush Warbler	-	WV	A, S
<i>Orthotomus sutorius</i>	Common Tailorbird	CW	R	A, W, P, SG, D, S

Species name	Common name	Commonness*	Status†	Habitat^
<i>Phylloscopus fuscatus</i>	Dusky Warbler	C	WV, PM	A, W, SG, S
<i>Phylloscopus inornatus</i>	Yellow-browed Warbler	CW	WV, PM	A, W, P, SG, D, S
<i>Phylloscopus proregulus</i>	Pallas's Leaf Warbler	C	WV	SG, W, P
<b><i>Garrulax canorus</i></b>	<b>Hwamei</b>	<b>C</b>	<b>R</b>	<b>A, W, SG, S</b>
<b>Appendix 2 of CITES</b>				
<i>Garrulax chinensis</i>	Black-throated Laughing Thrush	C	R	W
<i>Garrulax pectoralis</i>	Greater Necklaced Laughing Thrush	C	R	W
<i>Garrulax perspicillatus</i>	Masked Laughing Thrush / Black Faced Laughing Thrush	CW	R	A, W, D, SG, S
<i>Pnoepyga pusilla</i>	Pygmy Wren-babbler	R	R	W
<i>Pomatorhinus ruficollis</i>	Streak-breasted Scimitar Babbler / Rufous-necked Scimitar Babbler	C	R	W
<i>Stachyris ruficeps</i>	Rufous-capped Babbler	U	R	S, W, SG
<i>Copsychus saularis</i>	Oriental Magpie Robin	CW	R	A, W, P, SG, D, S
<i>Myiophonus caeruleus</i>	Violet Whistling Thrush / Blue Whistling Thrush	CW	R	-
<i>Phoenicurus aureoreus</i>	Daurian Redstart	C	WV	A, W, S, SG
<i>Saxicola maurus</i>	Siberian Stonechat	C	WV, PM	A, S
<i>Tarsiger cyanurus</i>	Red-flanked Blue-tail	C	WV, PM	SG, W
<i>Turdus cardis</i>	Japanese Thrush / Grey Thrush	U	WV, PM	W
<i>Turdus hortulorum</i>	Grey-backed Thrush	C	WV	A, W, P, S
<i>Turdus merula</i>	Common Blackbird	C	WV, PM	W
<i>Zoothera dauma</i>	Scaly Thrush / White's Thrush	U	WV	SG
<b><i>Caprimulgus affinis</i></b>	<b>Savanna Nightjar</b>	<b>U</b>	<b>R</b>	<b>A, SG, D</b>
<i>Caprimulgus indicus</i>	Grey Nightjar	S	PM, SV	W
<b><i>Otus lettia</i></b>	<b>Collared Scops Owl</b>	<b>C</b>	<b>R</b>	<b>W, A</b>
<b>Class 2 Protected Animal of PRC</b>				
<b>Protected under Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586)</b>				
<i>Zosterops japonicus</i>	Japanese White-eye	CW	R, WV	A, W, P, SG, D, S

\* Commonness according to Hong Kong Biodiversity Database available at <http://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp?lang=en>

C = Common, CW = Common and widespread, U = Uncommon and localised, S = Scarcely, R = Rare and localized, VR = Very rare

NB All birds in Hong Kong are protected under the *Wild Animals Protection Ordinance* (Cap. 170)

† Commonness according to Viney *et al.* The Birds of Hong Kong and South China (2006) (8<sup>th</sup> Edition).

R = Resident, WV = Winter Visitor, SV = Summer Visitor, OV = Occasional Visitor, PM = Passage Migrant

^ W = Secondary Woodland & Fung Shui Woodland, A = Abandoned Agricultural Land, SG = Shrubland Grassland Mosaic, P = Plantation, D = Developed Area, S = Stream

**Table 3** Butterfly Species Recorded Within the Study Area during the Ecological Surveys (2004 - 2011)

Family name	Common Name	Species Name	Commonness*	Habitat used^
Acraeidae	Yellow Coster	<i>Acraea issoria</i>	Rare	A
Amathusiidae	Large Faun	<i>Faunis eumeus</i>	Common	P
Danaidae	Blue Tiger	<i>Tirumala limniace limniace</i>	Common	A, W, P, D
Danaidae	Blue-spotted Crow	<i>Euploea midamus midamus</i>	Common	A, W, SG, D
Danaidae	Ceylon Blue Glassy Tiger	<i>Ideopsis similis similis</i>	Common	A, W, SG
Danaidae	Common Indian Crow	<i>Euploea core amymone</i>	Common	A, W, SG
Danaidae	Common Tiger	<i>Danaus genutia genutia</i>	Common	A, W, SG, D
Danaidae	Glassy Tiger	<i>Parantica aglea melanooides</i>	Common	A, W, SG
Danaidae	Plain Tiger	<i>Danaus chrysippus chrysippus</i>	Uncommon	W
Danaidae	Striped Blue Crow	<i>Euploea mulciber mulciber</i>	Uncommon	W
Hesperiidae	Bevan's Swift	<i>Borbo bevani</i>	Uncommon	G
Hesperiidae	Bush Hopper	<i>Ampittia dioscorides etura</i>	Uncommon	S, A, W, SG
Hesperiidae	Chesnut Angle	<i>Odontoptilum angulatum angulatum</i>	Common	W
Hesperiidae	Common Straight Swift	<i>Parnara guttata</i>	Common	A, GS
Hesperiidae	Conjoined Swift	<i>Pelopidas conjunctus conjunctus</i>	Uncommon	W
Hesperiidae	Contiguous Swift	<i>Polytremis lubricans lubricans</i>	Common	S, A
Hesperiidae	Dart	<i>Potanthus sp.</i>	2 Common, 1 Uncommon, 1 Rare	A
Hesperiidae	Forest Hopper	<i>Astictopterus jama chinensis</i>	Common	A, W
Hesperiidae	Formosan Swift	<i>Borbo cinnara</i>	Common	A, W, SG
Hesperiidae	Grass Demon	<i>Udaspes folus</i>	Uncommon	A, W, GS
Hesperiidae	Indian Palm Bob	<i>Suastus gremius gremius</i>	Common	W, SG
Hesperiidae	Little Branded Swift	<i>Pelopidas agna agna</i>	Uncommon	A, W, SG
Hesperiidae	Swift	<i>Pelopidas spp.</i>	5 species of Pelopidas: 4 Uncommon 1 Rare	A, W
Hesperiidae	Tree Flitter	<i>Hyarotis adrastus praba</i>	Uncommon	W, SG
Hesperiidae	Water Snow Flat	<i>Tagiades litigiosus litigiosus</i>	Common	W, P, GS
Lycaenidae	Chocolate Royal	<i>Remelana jangala mudra</i>	Uncommon	W, GS
Lycaenidae	Common Hedge Blue	<i>Acytolepis puspa gisca</i>	Common	A, W, P
Lycaenidae	Cornelian	<i>Deudorix epijarbas menesicles</i>	Uncommon	S
Lycaenidae	Dark Cerulean	<i>Jamides bochus bochus</i>	Common	A, W, P, SG, D
Lycaenidae	Gram Blue / Cupid	<i>Euchrysops cnejus cnejus</i>	Common	W, GS
Lycaenidae	Green Flash	<i>Artipe eryx</i>	Common	W, SG
Lycaenidae	Lesser Grass Blue	<i>Zizina otis otis</i>	Common	A, W, SG
Lycaenidae	Lime Blue	<i>Chilades lajus leucofasciatus</i>	Common	W, A, SG
Lycaenidae	Long-banded Silverline	<i>Spindasis lohita formosana</i>	Uncommon	W
Lycaenidae	Long-tailed Blue	<i>Lampides boeticus</i>	Common	A, W, P
Lycaenidae	Pale Grass Blue	<i>Zizeeria maha serica</i>	Common	S, A, W, P, SG, D
Lycaenidae	Plains Cupid	<i>Chilades pandava</i>	Uncommon	SG
Lycaenidae	Purple Sapphire	<i>Heliophorous epicles phoenicoparyphus</i>	Common	A, W, SG
Lycaenidae	Silver Streak Blue	<i>Iraota timoleon</i>	Uncommon	A
Lycaenidae	Slate Flash	<i>Rapala manea schistacea</i>	Common	A, W, SG
Lycaenidae	Tailed Cupid / Small Blue	<i>Everes lacturnus vileyi</i>	Common	A, SG

Family name	Common Name	Species Name	Commonness*	Habitat used^
Nymphalidae	Angled Castor	<i>Ariadne ariadne alterna</i>	Common	A, W
Nymphalidae	Black Prince	<i>Rohana parisatis staurakius</i>	Common	SG
Nymphalidae	Blue Admiral	<i>Kaniska canace canace</i>	Common	SG
Nymphalidae	Blue Pansy	<i>Junonia orithya</i>	Uncommon	A, W, SG
Nymphalidae	Chocolate / Brown Pansy	<i>Junonia iphita iphita</i>	Uncommon	
Nymphalidae	Colour Sergeant	<i>Athyma nefte</i>	Common	W, P, D, SG, A
Nymphalidae	Common Jester	<i>Symbrenthia lilaea lilaea</i>	Common	A, W, P
Nymphalidae	Common Mapwing	<i>Cyrestis thyodamas chinensis</i>	Common	A, W, SG
Nymphalidae	Common Nawab	<i>Polyura athamas athamas</i>	Uncommon	
Nymphalidae	Common Sailer	<i>Neptis hylas hylas</i>	Common	A, W, SG, D
Nymphalidae	Danaid Eggfly	<i>Hypolimnas misippus</i>	Uncommon	A, W, SG
Nymphalidae	Gaudy Baron	<i>Euthalia lubentina lubentina</i>	Uncommon	W
Nymphalidae	Great Egg-fly	<i>Hypolimnas bolina kezia</i>	Common	A, D, W, SG
Nymphalidae	Grey Pansy	<i>Junonia atlites atlites</i>	Common	A
Nymphalidae	Indian Fritillary	<i>Argyreus hyperbius hyperbius</i>	Common	S, A, W, SG
Nymphalidae	Indian Red Admiral	<i>Vanessa indica indica</i>	Common	
Nymphalidae	Lemon Pansy	<i>Junonia lemonias lemonias</i>	Uncommon	W
Nymphalidae	Peacock Pansy	<i>Junonia almana almana</i>	Common	A, W, SG
Nymphalidae	Red Ring Skirt	<i>Hestina assimilis assimilis</i>	Common	A, SG
Nymphalidae	Rustic	<i>Cupha erymanthis erymanthis</i>	Common	S, A, W, P, SG
Nymphalidae	Shan Nawab	<i>Polyura nepenthes nepenthes</i>	Uncommon	A
Nymphalidae	Southern Sullied Sailer	<i>Neptis clinia susruta</i>	Common	W, A
Nymphalidae	Tawny Rajah	<i>Charaxes bernardus bernardus</i>	Common	W, D
Nymphalidae	White Commodore	<i>Parasarpa dudu hainanensis</i>	Uncommon	W
Nymphalidae	White-edged Blue Baron	<i>Euthalia phemius seitzi</i>	Common	A, W
Nymphalidae	Yellow Rajah	<i>Charaxes marmax</i>	Uncommon	W, SG
Papilionidae	Chinese Peacock	<i>Papilio bianor bianor</i>	Common	A, W, P, SG
<b>Papilionidae</b>	<b>Common Birdwing</b>	<b><i>Troides helena spilotia</i></b>	<b>Uncommon</b> <b>Protected under Wild Animals Protection Ordinance (Cap. 170)</b> <b>and Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586)</b> <b><i>Troides spp</i> all listed in Appendix 2 of CITES</b>	<b>W</b>
Papilionidae	Common Bluebottle	<i>Graphium sarpedon sarpedon</i>	Common	A, W, P, D, SG
Papilionidae	Common Jay	<i>Graphium doson axion</i>	Uncommon	
Papilionidae	Common Mime	<i>Chilasa clytia clytia</i>	Common	A, W
Papilionidae	Common Mormon	<i>Papilio polytes polytes</i>	Common	A, W, P, SG
Papilionidae	Five-bar Swordtail	<i>Pathysa antiphates antiphates</i>	Common	A, W
<b>Papilionidae</b>	<b>Golden Birdwing</b>	<b><i>Troides aeacus aeacus</i></b>	<b>Uncommon</b> <b>Protected under Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586)</b> <b><i>Troides spp</i> all listed in Appendix 2 of CITES</b>	<b>W</b>
Papilionidae	Great Mormon	<i>Papilio memnon agenor</i>	Common	A, W, P, SG
Papilionidae	Paris Peacock	<i>Papilio paris paris</i>	Common	A, W, SG, P, D
Papilionidae	Red Helen	<i>Papilio helenus helenus</i>	Common	A, W, P, D, SG
Papilionidae	Spangle	<i>Papilio protenor protenor</i>	Common	A, W, P, D, SG
Papilionidae	Tailed Jay	<i>Graphium agamemnon agamemnon</i>	Common	A, W, P, D, SG

Family name	Common Name	Species Name	Commonness*	Habitat used^
Pieridae	Common Grass Yellow	<i>Eurema hecabe hecabe</i>	Common	S, A, W, SG, P, D
Pieridae	Common Gull	<i>Cepora nerissa nerissa</i>	Common	W
Pieridae	Great Orange Tip	<i>Hebomoia glaucippe glaucippe</i>	Common	A, W, P, D, SG
Pieridae	Indian Cabbage White	<i>Pieris canidia canidia</i>	Common	A, W, D, SG
Pieridae	Lemon Emigrant	<i>Catopsilia pomona pomona</i>	Common	S, A, W, P, D, SG
Pieridae	Mottled Emigrant	<i>Catopsilia pyranthe</i>	Common	A, P
Pieridae	Painted Jezebel	<i>Delias hyparete hierte</i>	Uncommon	W
Pieridae	Red-base Jezebel	<i>Delias pasithoe pasithoe</i>	Common	A, W, P, SG, D
Pieridae	Small Grass Yellow	<i>Eurema brigitta rubella</i>	Uncommon	W, SG
Pieridae	Tailed Sulphur	<i>Dercas verhuelli</i>	Uncommon	
Pieridae	Yellow Orange Tip	<i>Ixias pyrene</i>	Uncommon	W
Riodinidae	Plum Judy	<i>Abisara echerius echerius</i>	Common	S, A, W, SG
Riodinidae	Punchinello	<i>Zemeros flegyas flegyas</i>	Common	A, W, P, SG
Satyridae	Bamboo Tree Brown	<i>Lethe europa boroe</i>	Common	W
Satyridae	Banded Tree Brown	<i>Lethe confusa</i>	Common	A, W, SG
Satyridae	Common Evening Brown	<i>Melanitis leda leda</i>	Common	A, W, SG, P
Satyridae	Common Five-ring	<i>Ypthima baldus baldus</i>	Common	A, W, P, SG
Satyridae	Common Palmfly	<i>Elymnias hypermnestra hainana</i>	Common	A, W, SG
Satyridae	Dark Brand Bush Brown	<i>Mycalesis mineus mineus</i>	Common	A, W, P, SG, D
Satyridae	Dark Evening Brown	<i>Melanitis phedima muskata</i>	Common	W, P, A
Satyridae	South China Bush Brown	<i>Mycalesis zonata</i>	Common	W, P, A
Satyridae	Straight Five-ring	<i>Ypthima lisandra lisandra</i>	Common	SG

Family classification according to AFCD website and 'Yik-fui Lo, P. & Wing-leung, H. Hong Kong Butterflies'

\* Commonness according to AFCD website August 2009

^ S = Stream, W = Secondary Woodland & Fung Shui Woodland, A = Abandoned Agricultural Land, SG = Shrubland Grassland Mosaic, P = Plantation, D = Developed Area

**Table 4 Dragonfly Species Recorded Within the Study Area during the Ecological Surveys (2004 - 2011)**

Family Name	Common Name	Species Name	Status*	Habitat used^
Aeshnidae	Dusk-hawker	<i>Gynacantha</i> spp.	3 species. All uncommon	W
Aeshnidae	Giant River Hawker	<i>Tetracanthagyna waterhousei</i>	Common	W, Sha Lo Tung Valley during transect survey
Aeshnidae	Pale Spotted Emperor	<i>Anax guttatus</i>	Abundant	W
Calopterygidae	Chinese Greenwing	<i>Neurobasis chinensis</i>	Common	A, W, Sha Lo Tung Valley during transect survey
Calopterygidae	Indochinese Copperwing	<i>Mnais mneme</i>	Common	W, Sha Lo Tung Valley during transect survey
Chlorocyphidae	Common Blue Jewel	<i>Rhinocypha perforata perforata</i>	Abundant	A, W, SG, Sha Lo Tung Valley during transect survey
Coenagrionidae	Marsh Dancer	<i>Onychargia atrocyana</i>	Common	A, W
Coenagrionidae	Orange-tailed Midget	<i>Agriocnemis femina oryzae</i>	Abundant	A
Coenagrionidae	Orange-tailed Sprite	<i>Ceriagrion auranticum ryukyuanum</i>	Abundant	A, W, Sha Lo Tung Valley during transect survey
Corduliidae	Angle-winged Cruiser	<i>Macromia berlandi</i>	Uncommon	S, W, Sha Lo Tung Valley during transect survey.
Corduliidae	Club-tailed Cruiser	<i>Macromia urania</i>	Uncommon	W
Corduliidae	Dancing Shadow-emerald	<i>Idionyx victor</i>	Common	W
Corduliidae	South China Cruiser	<i>Macromia katae</i>	Uncommon	A, Sha Lo Tung Valley during transect survey
Diphlebiidae	Ochre Titan	<i>Philaganga vetusta</i>	Common	W, Sha Lo Tung Valley, during transect survey
Euphaeidae	Black-banded Gossamerwing	<i>Euphaea decorata</i>	Abundant	A, W, Sha Lo Tung Valley, during transect survey
<b>Gomphidae</b>	<b>Chinese Tiger</b>	<b><i>Gomphidia kelloggi</i></b>	<b>Rare</b>	<b>S, A, Sha Lo Tung Valley during transect survey</b>
Gomphidae	Elegant Clubtail	<i>Leptogomphus elegans hongkongensis</i>	Common	S, W, Sha Lo Tung Valley during transect survey
<b>Gomphidae</b>	<b>Large Dragonhunter</b>	<b><i>Sieboldius deflexus</i></b>	<b>Rare</b>	<b>S. Recorded from literature review of surveys done by Green Power. Exuvia found only</b>
Gomphidae	Small Clubtail	<i>Stylogomphus chunliuae</i>	Uncommon	S, W, Sha Lo Tung Valley, during transect survey
Gomphidae	South China Grappletail	<i>Heliogomphus scopio</i>	Common	S, W, Sha Lo Tung Valley during transect survey
<b>Gomphidae</b>	<b>White-tipped Grappletail</b>	<b><i>Heliogomphus retroflexus</i></b>	<b>Rare</b>	<b>S. Recorded from literature review of surveys done by Green Power. Recorded at night</b>
Libellulidae	Asian Pintail	<i>Acisoma panorpoides panorpoides</i>	Common	A, Sha Lo Tung Valley during transect survey
Libellulidae	Asian Widow	<i>Palpopleura sexmaculata sexmaculata</i>	Common	A
Libellulidae	Blue Dasher	<i>Brachydiplax chalybea flavovittata</i>	Common	A
Libellulidae	Coaster Glider	<i>Macrodiplax cora</i>	Uncommon	SG
Libellulidae	Common Blue Skimmer	<i>Orthetrum glaucum</i>	Abundant	A, W, SG, Sha Lo Tung Valley during transect survey
Libellulidae	Common Red Skimmer	<i>Orthetrum prunosum</i>	Abundant	A, W, D, SG, Sha Lo Tung Valley during transect survey
Libellulidae	Crimson Darter	<i>Crocothemis servilia servilia</i>	Abundant	A, W
Libellulidae	Crimson Dropwing	<i>Trithemis aurora</i>	Abundant	A, W, SG, Sha Lo Tung Valley during transect survey
Libellulidae	Dingy Dusk-darter	<i>Zyxomma petiolatum</i>	Common	W
Libellulidae	Emerald Cascader	<i>Zygonyx iris insignis</i>	Abundant	A, W
Libellulidae	Forest Chaser	<i>Lyriothemis elegantissima</i>	Common	P, A, W, Sha Lo Tung Valley during transect survey
Libellulidae	Greater Blue Skimmer	<i>Orthetrum melania</i>	Uncommon	A
Libellulidae	Green Skimmer	<i>Orthetrum sabina sabina</i>	Common	SG, W, A
Libellulidae	Indigo Dropwing	<i>Trithemis festiva</i>	Abundant	A, W, SG, Sha Lo Tung Valley during transect survey
Libellulidae	Lesser Blue Skimmer	<i>Orthetrum triangulare triangulare</i>	Common	A
Libellulidae	Marsh Skimmer	<i>Orthetrum luzonicum</i>	Abundant	A, W, SG, Sha Lo Tung Valley during transect survey
Libellulidae	Pied Percher	<i>Neurothemis tullia tullia</i>	Common	A, Sha Lo Tung Valley, during transect survey
Libellulidae	Pied Skimmer	<i>Pseudothemis zonata</i>	Common	A, W, P, Sha Lo Tung Valley during transect survey
Libellulidae	Red-faced Skimmer	<i>Orthetrum chrysis</i>	Common	A, W, SG, Sha Lo Tung Valley during transect survey
Libellulidae	Russet Percher	<i>Neurothemis fulvia</i>	Abundant	A, Sha Lo Tung Valley during transect survey
Libellulidae	Saddlebag Glider	<i>Tramea virginia</i>	Common	A, W, SG

Family Name	Common Name	Species Name	Status*	Habitat used^
Libellulidae	Scarlet Basder	<i>Urothemis signata signata</i>	Common	A
Libellulidae	Variiegated Flutterer	<i>Ryhothemis variegata arria</i>	Common	A, Sha Lo Tung Valley during transect survey
Libellulidae	Wandering Glider	<i>Pantala flavescens</i>	Abundant	A, W, P, SG, D, Sha Lo Tung Valley during transect survey
Libellulidae	Amber-winged Glider	<i>Hydrobasileus croceus</i>	Common	A, Sha Lo Tung Valley during transect survey
Megapodagrionidae	Chinese Yellowface	<i>Agriomorpha fusca</i>	Abundant	W, Sha Lo Tung Valley during transect survey
Platycnemididae	Black-kneed Featherlegs	<i>Copera ciliata</i>	Abundant	A, Sha Lo Tung Valley during transect survey
Platycnemididae	Blue Forest Damsel	<i>Coeliccia cyanomelas</i>	Abundant	S, Sha Lo Tung Valley during transect survey
Platycnemididae	Yellow Featherlegs	<i>Copera marginipes</i>	Abundant	A, W, SG, Sha Lo Tung Valley during transect survey
Platystictidae	White-banded Shadowdamsel	<i>Protosticta taipokauensis</i>	Common	S, W, Sha Lo Tung Valley during transect survey
Protoneuridae	Black Threadtail	<i>Prodasineura autumnalis</i>	Abundant	A, W, Sha Lo Tung Valley during transect survey
Protoneuridae	Orange-backed Threadtail	<i>Prodasineura croconota</i>	Common	S, A, W, Sha Lo Tung Valley during transect survey

\* Status according to AFCD website August 2009

^ W = Secondary Woodland & Fung Shui Woodland, A = Abandoned Agricultural Land, SG = Shrubland Grassland Mosaic, P = Plantation, D = Developed Area, S = Stream

Table 5 Amphibian Species Recorded Within the Study Area during the Ecological Surveys (2004 - 2011)

Amphibians			
Common Name	Species Name	Status <sup>1</sup>	Habitat used <sup>2</sup>
Hong Kong Newt	<i>Paramesotriton hongkongensis</i>	Locally common Protected under <i>Wild Animals Protection Ordinance (Cap. 170)</i> <i>IUCN Red List Status - Near Threatened</i>	S, Recorded in Sha Lo Tung Valley
Asian Common Toad	<i>Bufo melanostictus</i>	Common, widely distributed	P, A, W, SG, Recorded in Sha Lo Tung Valley
Asiatic Painted Frog	<i>Kaloula pulchra pulchra</i>	Common, widely distributed	A, Recorded in Sha Lo Tung Valley
Brown Tree Frog	<i>Polypedates megacephalus</i>	Common, widely distributed	A, W Recorded in Sha Lo Tung Valley
Brown Wood Frog	<i>Rana latouchii</i>	Previously recorded in several localities in the New Territories including Tai Shing Stream, Pak Sha O and Tai Po Kau Nature Reserve	W, Recorded in Sha Lo Tung Valley
Butler's Pigmy Frog	<i>Microhyla butleri</i>	Locally common	A
Chinese Bullfrog	<i>Hoplobatrachus chinensis</i>	Common, widely distributed in Lantau Island and New Territories. Class 2 protected in the PRC	A, Recorded in Sha Lo Tung Valley
Green Cascade Frog	<i>Rana livida</i>	Common, widely distributed	W, S, Recorded in Sha Lo Tung Valley
Gunther's Frog	<i>Rana guentheri</i>	Common, widely distributed	A, W, Recorded in Sha Lo Tung Valley
Lesser Spiny Frog	<i>Paa exilispinosa</i>	Common, widely distributed in mountain streams of Hong Kong <i>IUCN Red List Status - Vulnerable</i>	A, W, Recorded in Sha Lo Tung Valley
Hong Kong Cascade Frog	<i>Amolops hongkongensis</i>	Locally common, widely distributed in mountain streams in Hong Kong. Protected under <i>Wild Animals Protection Ordinance (Cap. 170)</i>	S, Recorded in Sha Lo Tung Valley
Marbled Pigmy Frog	<i>Microhyla pulchra</i>	Common, widely distributed	W, Recorded in Sha Lo Tung Valley
Ornate Pigmy Frog	<i>Microhyla ornata</i>	Common, widely distributed	W, Recorded in Sha Lo Tung Valley
Paddy Frog	<i>Fejervarya limnocharis</i>	Common, widely distributed	A, W, Recorded in Sha Lo Tung Valley

- Notes:
- Status as per Chan *et. al.* (2005) and AFCD database. Available at <http://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp?lang=en>.
  - W = Secondary woodland & Fung Shui Woodland, A = Abandoned Agricultural Land, SG = Shrubland Grassland Mosaic, P = Plantation, S = Stream



**Table 6 Reptile Species Recorded Within the Study Area during the Ecological Surveys (2004 - 2011)**

<b>Reptiles</b>			
<b>Common Name</b>	<b>Species Name</b>	<b>Status/Distribution in Hong Kong<sup>1</sup></b>	<b>Habitat used<sup>2</sup></b>
Bamboo Snake	<i>Trimeresurus albolabris</i>	Distributed in shrubland, grassland throughout Hong Kong	W, A, SG, Recorded in Sha Lo Tung Valley
Bowring's Gecko	<i>Hemidactylus bowringii</i>	Common, occurs throughout Hong Kong, often found around human habitations and suburb areas.	SG, Recorded in Sha Lo Tung Valley
Indian Forest Skink	<i>Sphenomorphus indicus</i>	Common, distributed in woodlands in the eastern and central New Territories	W, Recorded in Sha Lo Tung Valley
Changeable Lizard	<i>Calotes versicolor</i>	Common, widely distributed	SG, Recorded in Sha Lo Tung Valley
Chinese Gecko	<i>Gekko chinensis</i>	Common, widely distributed in Hong Kong	A, Recorded in W above Fung Yuen
Chinese Skink	<i>Eumeces chinensis</i>	Common, widely distributed	A
Chinese Waterside Skink	<i>Tropidophorus sinicus</i>	Common, widely distributed	W, Recorded in Sha Lo Tung Valley
Banded Stream Snake	<i>Opisthotropis balteata</i>		Recorded within SLT Valley abandoned agricultural land
<b>Common Rat Snake</b>	<b><i>Ptyas mucosus</i></b>	<b>Common, widely distributed</b> <b>Class 2 protected in the PRC.</b> <b>China Red Data Book Status - Endangered</b>	<b>A, Recorded in Sha Lo Tung Valley</b>
Four-clawed Gecko	<i>Gehyra mutilata</i>	Common, widely distributed in Hong Kong and rather common inside buildings, highly adaptable to its surroundings and can be found in woodlands, rocky areas or human dwellings.	D, Recorded in Sha Lo Tung Valley
<b>King Cobra</b>	<b><i>Ophiophagus hannah</i></b>	<b>Common, widely distributed</b> <b>Protected under Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586)</b> <b>China Red Data Book Status - Critically endangered</b> <b>CITES Appendix 2</b>	<b>W, A, Recorded in Sha Lo Tung Valley</b>
<b>Banded Krait</b>	<b><i>Bungarus fasciatus</i></b>	<b>Uncommon, distributed in few localities of the New Territories, Hong Kong Island and Lantau Island</b> <b>China Red Data Book Status - Endangered</b>	<b>A, Recorded in Sha Lo Tung Valley</b>
Long-tailed Skink	<i>Mabuya longicaudata</i>	Common, widely distributed	W, D, Recorded in Sha Lo Tung Valley
Mock Viper	<i>Psammodynastes pulverulentus</i>	Distributed in woodlands, shrublands and grasslands on Lantau Island and in the eastern New Territories	W, SG, Recorded in Sha Lo Tung Valley
Red-necked Keelback	<i>Rhabdophis subminiatus helleri</i>	Common, widely distributed	W, SG, Recorded in Sha Lo Tung Valley
Reeve's Smooth skink	<i>Scincella reevesii</i>	Common, widely distributed	W
White-spotted Slug Snake	<i>Pareas margaritophorus</i>	Common, distributed in woodland or shrubland throughout Hong Kong	W, SG, Recorded in Sha Lo Tung Valley

Notes:

1. Status as per Chan *et. al.* (2006) in Hong Kong Biodiversity Newsletter (Issue No. 13) and AFCD database available at <http://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp?lang=en>.

2. W = Secondary woodland & Fung Shui Woodland, A = Abandoned Agricultural Land, SG = Shrubland Grassland Mosaic, P = Plantation, S = Stream

Table 7 Mammal Species Recorded Within the Study Area during the Ecological Surveys (2004 - 2011)

Common Name	Species Name	Status <sup>1</sup>	Habitat <sup>2</sup>
Common Bent-winged Bat	<i>Miniopterus schreibersii</i>	Abundant Protected under <i>Wild Animals Protection Ordinance</i> (Cap. 170) <i>IUCN Red List Status - Near Threatened</i>	Recorded in secondary woodland in the Sha Lo Tung Valley
Red Muntjak	<i>Muntiacus muntjak</i>	Abundant	Heard near secondary woodland within the area of the Ecological Reserve during a night survey (location cannot be recorded)
Chestnut Spiny Rat	<i>Niviventer fulvescens</i>	Abundant	W, Recorded in the Sha Lo Tung Valley
Eurasian Wild Pig	<i>Sus scrofa</i>	Common	W, Recorded in the Sha Lo Tung Valley
Masked Palm Civet	<i>Paguma larvata</i>	Uncommon Protected under <i>Wild Animals Protection Ordinance</i> (Cap. 170)	Seen near secondary woodland within the area of the Sha Lo Tung Valley during a night survey
Pallas's Squirrel	<i>Callosciurus erythraeus</i>	Uncommon Protected under <i>Wild Animals Protection Ordinance</i> (Cap. 170)	Recorded in fung shui woodland in the area of the Sha Lo Tung Valley
Rhesus Macaque	<i>Macaca mulatta</i>	Common Protected under <i>Wild Animals Protection Ordinance</i> (Cap. 170) and <i>Protection of Endangered Species of Animals and Plants Ordinance</i> (Cap. 586) Class 2 Protected Animal of PRC China Red Data Book - Vulnerable CITES Appendix 2	Recorded in secondary woodland in the Sha Lo Tung Valley and to the south of the Study Area

Notes:

1. Status as per AFCD database available at <http://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp?lang=en>.

2. W = Secondary woodland & Fung Shui Woodland, A = Abandoned Agricultural Land, SG = Shrubland Grassland Mosaic, P = Plantation, S = Stream

**Table 8** *Fish Species Recorded Within the Study Area during the Ecological Surveys (2004 - 2011)*

Common Name	Species Name	Relative Abundance <sup>1</sup>	Nativeness	Status <sup>2</sup>	Habitat
Small Snakehead	<i>Channa asiatica</i>	+	Native/ Introduced	Uncommon	Abandoned Agricultural Land at the northeast of the Development Site and Fung Yuen and Sha Lo Tung perennial Stream
Whitespotted Walking Catfish	<i>Clarias fuscus</i>	+	Native/ Introduced	Common	Fung Yuen perennial Stream and Sha Lo Tung perennial Stream
Mosquito Fish	<i>Gambusia affinis</i>	+++	Exotic	Common	Fung Yuen perennial Stream and Sha Lo Tung perennial Stream
Broken-band Hillstream Loach	<i>Liniparhomaloptera disparis</i>	+	Native	Common	Sha Lo Tung perennial Stream
<b>Hong Kong Paradise Fish</b>	<b><i>Macropodus hongkongensis</i></b>	<b>n/a</b>	<b>Native</b>	<b>Uncommon</b>	<b>Abandoned Agricultural Land at the northeast of the Development Site and Sha Lo Tung perennial Stream</b>
Paradise Fish	<i>Macropodus opercularis</i>	+	Native/ Introduced	Common	Abandoned Agricultural Land at the northeast of the Development Site and Sha Lo Tung perennial Stream
Oriental Weatherfish	<i>Misgurnus anguillicaudatus</i>	+	Native/ Introduced	Common	Fung Yuen perennial Stream and Sha Lo Tung perennial Stream
Swamp Eel	<i>Monopterus albus</i>	+	Native/ Introduced	Common	Fung Yuen perennial Stream and Sha Lo Tung perennial Stream
Flat-headed Loach	<i>Oreonectes platycephalus</i>	n/a	Native	Common	Abandoned Agricultural Land at the northeast of the Development Site
<b>Predaceous Chub</b>	<b><i>Parazacco spilurus</i></b>	<b>+++</b>	<b>Native</b>	<b>Common</b> <b>China Red Data Book - Vulnerable</b>	<b>Abandoned Agricultural Land at the northeast of the Development Site and Sha Lo Tung perennial Stream</b>
Guppy	<i>Poecilia reticulata</i>	+++	Exotic	Common	Fung Yuen perennial Stream and Sha Lo Tung perennial Stream
Vietnam Catfish	<i>Pterocryptis cochinchinensis</i>	+	Native	Common	Sha Lo Tung perennial Stream
Chinese Barb	<i>Puntius semifasciolatus</i>	++	Native	Common	Fung Yuen perennial Stream and Sha Lo Tung perennial Stream
Goby	<i>Rhinogobius duospilus</i>	+++	Native	Common	Fung Yuen perennial Stream and Sha Lo Tung perennial Stream
Striped Loach	<i>Schistura fasciolata</i>	+	Native	Common	Sha Lo Tung perennial Stream
Variable Platyfish	<i>Xiphophorus variatus</i>	+++	Exotic	Common	Fung Yuen perennial Stream and Sha Lo Tung perennial Stream
Swordtail	<i>Xiphophorus hellerii</i>	+++	Exotic	Common	Fung Yuen perennial Stream and Sha Lo Tung perennial Stream
Freshwater Minnow	<i>Zacco platypus</i>	n/a	Native	Common	n/a

Notes:

1. + = 0-5 individuals    ++ = 5-10 individuals    +++ = >10 individuals

2. Status as per AFCD database available at <http://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp?lang=en>.

**Table 9 Steam Fauna Invertebrates Recorded Within the Study Area during the Ecological Surveys (2009)**

Phylum	Class	Order/ Sub-order	Family / Species	Relative Abundance					FY1	FY2	FY3
				SLT1	SLT2	SLT3	SLT4	SLT5			
Arthropoda	Crustacea	Decapoda	Palaemonidae / <i>Macrobrachium hainanense</i>		+						
Arthropoda	Crustacea	Decapoda	Atyidae / <i>Cardinia</i> sp.*				+		+	+	
Arthropoda	Crustacea	Decapoda	Grapsidae / <i>Varuna litterata</i> *							+	
Arthropoda	Insecta	Coleoptera	Gyrinidae	+		+	+	+			
Arthropoda	Insecta	Coleoptera	Hydrophilidae	+	++	+	++	+		+	
Arthropoda	Insecta	Coleoptera	Scirtidae	+	+		+	+			
Arthropoda	Insecta	Coleoptera	Eulichalidae	+	+	+	+	+		+	
Arthropoda	Insecta	Coleoptera	Psephenidae		+	+	+				
Arthropoda	Insecta	Coleoptera	Elmidae	++	+	+	++	++	+	+	
Arthropoda	Insecta	Diptera	Tipulidae	+	+	+	+	+		++	
Arthropoda	Insecta	Diptera	Chironomidae	++	++	+	+	++	+	++++	
Arthropoda	Insecta	Diptera	Simuliidae	+	++	++	+	+		+	
Arthropoda	Insecta	Diptera	Sciaridae		+						
Arthropoda	Insecta	Ephemeroptera	Baetidae	++	++	+	++	+	+	++	
Arthropoda	Insecta	Ephemeroptera	Heptageniidae		+	+	+	+			
Arthropoda	Insecta	Ephemeroptera	Leptophlebiidae	+	+	+	+	+		++	
Arthropoda	Insecta	Ephemeroptera	Ephemerellidae	+	+	+	+	+		+	
Arthropoda	Insecta	Ephemeroptera	Caenidae		+				+	++	
Arthropoda	Insecta	Lepidoptera	Pyralidae	+	+	+	+			+	
Arthropoda	Insecta	Megaloptera	Corydalidae		+		+				
Arthropoda	Insecta	Odonata	Calopterygidae		+	+					
Arthropoda	Insecta	Odonata	Euphaeidae	++	++	++	+	+		+	
Arthropoda	Insecta	Odonata	Coryduliidae	+		+		+	+	+	
Arthropoda	Insecta	Odonata	Platycnemididae			+				+	
Arthropoda	Insecta	Odonata	Gomphidae			+	+	+			
Arthropoda	Insecta	Odonata	Aeshnidae	+	+		+		+		
Arthropoda	Insecta	Trichoptera	Hydropsychidae	+	++	+	+			++	
Arthropoda	Insecta	Trichoptera	Calamoceratidae	+	++			+	+		
Arthropoda	Insecta	Trichoptera	Xiphocentronidae	+		+					
Arthropoda	Insecta	Trichoptera	Lepidostomatidae		+		+		+	+	
Arthropoda	Insecta	Trichoptera	Ecnomidae		+						
Arthropoda	Insecta	Trichoptera	Odontoceridae					+			
Mollusca	Gastropoda	Planorboidea (Superfamily)	Planorbidae		+		+			+	
Mollusca	Gastropoda	Cerithioidea (Superfamily)	Pachychilidae		++	+		+		+	
Mollusca	Gastropoda	Cerithioidea (Superfamily)	Bithyniidae	+	++	++					
Mollusca	Gastropoda	Lymnaeoidea (Superfamily)	Lymnaeidae	+					+		
Mollusca	Gastropoda	Cerithioidea (Superfamily)	Thiaridae							+	

+ = less than 10 individuals

++ = 10 to 50 individuals

+++ = 50 to 100 individuals

++++ = more than 100 individuals

\* Also recorded in **Abandoned Agricultural Land at the northeast of the Development Site**