



APPENDIX 8.1

PLANT SPECIES RECORDED DURING THE ECOLOGICAL SURVEY



Appendix 8.1 Plant Species Recorded during the Ecological Survey

Scientific name	Chinese name	Growth form	Origin	Rarity in Hong Kong ¹	Protection/Conservation status ^{2 3 4 5 6 7 8 9 10}	Relative abundance within project sites		Relative abundance outside project sites but within assessment area							
						LFRSR NB&SB	HWRSR	CH	DA	MW	PL	SG	SS	WAT	
<i>Acacia auriculiformis</i>	耳果相思	Tree	Exotic	-		C	C		S	C	C	O			
<i>Acacia confusa</i>	台灣相思	Tree	Exotic	-		C	S		C	C	C				
<i>Acacia mangium</i>	大葉相思	Tree	Exotic	-		S	S			S	O				
<i>Adiantum flabellulatum</i>	扇葉鐵線蕨	Herb	Native	Very common						O		C			
<i>Adina pilulifera</i>	水團花	Tree	Native	Very common										O	
<i>Alangium chinense</i>	八角楓	Tree	Native	Common						O					
<i>Albizia lebbbeck</i>	大葉合歡	Tree	Exotic	-						S	O				
<i>Aleurites moluccana</i>	石栗	Tree	Exotic	-					C	S					
<i>Allamanda schottii</i>	黃蟬	Shrub	Exotic	-		O			O						
<i>Alocasia macrorrhizos</i>	海芋	Herb	Native	Very common		C	O		S	C	C			C	
<i>Antidesma bunius</i>	五月茶	Tree	Native	Common						O					
<i>Aporosa dioica</i>	銀柴	Tree	Native	Very common						O					
* <i>Aquilaria sinensis</i>	土沉香	Tree	Native	Common	Cap. 586 ⁸ Rare and Precious Plants of Hong Kong (Near threatened in China) ⁷ China Plant Red Data Book (Vulnerable) ⁵ Illustrations of Rare & endangered plant in Guangdong Province ⁶ Wild plant under State protection (category II) ⁹ Threatened Species List of China's Higher Plants (Vulnerable, endemic species) ⁴ IUCN Red List (Vulnerable) ²										S



Scientific name	Chinese name	Growth form	Origin	Rarity in Hong Kong ¹	Protection/Conservation status ^{2 3 4 5 6 7 8 9 10}	Relative abundance within project sites		Relative abundance outside project sites but within assessment area							
						LFRSR NB&SB	HWRSR	CH	DA	MW	PL	SG	SS	WAT	
					CITES Appendix II ³										
<i>*Araucaria heterophylla</i>	異葉南洋杉	Tree	Exotic	-	IUCN Red List (Vulnerable) ²				O						
<i>Archontophoenix alexandrae</i>	假檳榔	Tree	Exotic	-		O									
<i>Ardisia crenata</i>	朱砂根	Shrub	Native	Common						O					
<i>Ardisia lindleyana</i>	山血丹	Shrub	native	Common						S					
<i>Artemisia indica</i>	五月艾	Herb	Native	-											S
<i>Artocarpus heterophyllus</i>	菠蘿蜜	Tree	Exotic	-					O	O	S				
<i>Asparagus densiflorus 'Myersii'</i>	狐尾天門冬	Herb	-	-					O		S				
<i>Atalantia buxifolia</i>	酒餅筋	Shrub	Native	Common								O			
<i>Axonopus compressus</i>	地毯草	Herb	Exotic	Common					C						
<i>Baeckea frutescens</i>	崗松	Tree	Native	Very common								C			
<i>Bambusa spp.</i>	竹屬	Bamboo	-	-			O			O					
<i>*Bauhinia corymbosa</i>	首冠藤	Climber	Exotic	Very rare				O							
<i>Bauhinia purpurea</i>	紅花羊蹄甲	Tree	Exotic	-			O		O	S	C				S
<i>Bauhinia variegata</i>	宮粉羊蹄甲	Tree	Exotic	-			O		S						
<i>Bauhinia x blakeana</i>	洋紫荊	Tree	Native	-					O						
<i>Bidens alba</i>	白花鬼針草	Herb	Exotic	Very common			C		C	O	O				
<i>Bischofia javanica</i>	秋楓	Tree	Native	Common			S		S						



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						LFRSR NB&SB	HWRSR	CH	DA	MW	PL	SG	SS	WAT
<i>Blechnum orientale</i>	烏毛蕨	Herb	Native	Very common							S			S
<i>Boehmeria nivea</i> var. <i>tenacissima</i>	青葉苧麻	Shrub	Native	-					O					O
<i>Bombax ceiba</i>	木棉	Tree	Exotic	-		O								
<i>Bothriochloa bladhi</i>	臭根子草	Herb	Native	Very common		S			S					
<i>Bougainvillea spectabilis</i>	葉子花	Climber	Exotic	-		O			O	S	O			
<i>Breynia fruticosa</i>	黑面神	Shrub	Native	Very common								O		
<i>Bridelia tomentosa</i>	土蜜樹	Shrub	Native	Very common		S				O				S
<i>Broussonetia papyrifera</i>	構樹	Tree	Native	Very common					S	S				
<i>Caesalpinia crista</i>	華南雲實	Climber	Native	Very common						C		C		
<i>Calliandra haematocephala</i>	朱纓花	Shrub	Exotic	-		O			O		O			
* <i>Camellia japonica</i>	山茶	Shrub	Exotic	-	Cap.96A ¹⁰				S					
<i>Canarium album</i>	橄欖	Tree	Exotic	Restricted					S	S				
<i>Carica papaya</i>	番木瓜	Tree	Exotic	-					O		O			S
<i>Caryota mitis</i>	短穗魚尾葵	Tree	Exotic	-		O	O			O				S
<i>Cassytha filiformis</i>	無根藤	Climber	Native	Very common								O		
<i>Castanopsis fissa</i>	蠶菊錐	Tree	Native	Common						O				
* <i>Casuarina equisetifolia</i>	木麻黃	Tree	Exotic	Rare						C			C	
<i>Catharanthus roseus</i>	長春花	Shrub	Exotic	-						S				
<i>Cayratia japonica</i>	烏薺莓	Climber	Native	-						O				
<i>Celastrus hindsii</i>	青江藤	Climber	Native	Very common						C				



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<i>Celtis sinensis</i>	朴樹	Tree	Native	Common						C	O				O
<i>Chloris virgata</i>	虎尾草	Herb	Native	-		O									
<i>Chorisia speciosa</i>	絲木棉	Tree	Exotic	-					S						
<i>Cinnamomum burmannii</i>	陰香	Tree	Native	-					O		C				
<i>Cinnamomum camphora</i>	樟	Tree	Native	Common					C	O	O				
<i>Clausena lansium</i>	黃皮	Tree	Exotic	-							O				
<i>Cleistocalyx nervosum</i>	水翁	Tree	Native	Common				O							O
<i>Cocculus orbiculatus</i>	木防己	Climber	Native	Common			S		O	O		O	O		
<i>Codiaeum variegatum</i>	變葉木	Shrub	Exotic	-					O						
<i>Colocasia esculenta</i>	芋	Herb	Exotic	-											S
<i>Commelina diffusa</i>	節節草	Herb	Native	Common											C
<i>Conyza canadensis</i>	小蓬草, 小白酒草	Herb	Exotic	Very common						S					
<i>Cordyline fruticosa</i>	朱蕉	Shrub	Exotic	-		S	S		O	S					
<i>Cratoxylum cochinchinense</i>	黃牛木	Tree	native	Very common								O			
<i>Crinum asiaticum</i> var. <i>sinicum</i>	文殊蘭	Herb	Native	Restricted		S	S								
* <i>Cycas revoluta</i>	蘇鐵	Tree	Exotic	-	Wild plant under State protection (category II) ⁹				S						
<i>Cyclea hypoglauca</i>	粉葉輪環藤	Climber	Native	Common						O					
<i>Cyclosorus acuminatus</i>	漸尖毛蕨	Herb	Native	Very common											S
<i>Cyclosorus interruptus</i>	間斷毛蕨	Herb	Native	Common											S



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<i>Cyclosorus parasiticus</i>	華南毛蕨	Herb	Native	Very common						C	O			
<i>Cymbopogon hamatulus</i>	扭鞘香茅	Herb	native	Very common								O		
<i>Cynodon dactylon</i>	狗牙根	Herb	native	Very common		O			O				C	
<i>Dactyloctenium aegyptium</i>	龍爪茅	Herb	Native	Common				O						S
<i>Dalbergia assamica</i>	南嶺黃檀	Tree	Native	rare	Cap. 586 ⁸ Threatened Species List of China's Higher Plants (Endangered) ⁴ IUCN Red List (Vulnerable) ² CITES Appendix II ³					S				
<i>*Dalbergia benthamii</i>	兩廣黃檀	Climber	Native	Common	Cap. 586 ⁸ CITES Appendix II ³					O	S			
<i>Daphniphyllum calycinum</i>	牛耳楓	Tree	Native	Common				S		S				
<i>Delonix regia</i>	鳳凰木	Tree	Exotic	-					C					
<i>Dendrotrophe varians</i>	寄生藤	Climber	Native	Very common								C		
<i>Desmos chinensis</i>	假鷹爪	Shrub	Native	Common						C				
<i>Dianella ensifolia</i>	山菅蘭	Herb	Native	Very common								O		
<i>Dicranopteris pedata</i>	芒萁	Herb	native	Very common			C	C		O	O	C		O
<i>*Dimocarpus longan</i>	龍眼	Tree	Exotic	Restricted	China Plant Red Data Book (Vulnerable) ⁵ Wild plant under State protection (category II) ⁹ Threatened Species List of China's Higher Plants (Vulnerable) ⁴	S			O	C	O			
<i>Dioscorea bulbifera</i>	黃獨	Climber	Native	Common						O			S	
<i>Diospyros vaccinioides</i>	小果柿	Shrub	Native	Very common	Threatened Species List of China's Higher Plants (Endangered) ⁴							O		



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					IUCN Red List (Critically endangered) ²										
<i>Diploclisia glaucescens</i>	蒼白秤鈎風	Climber	Native	Common						O					
<i>Dracaena fragrans</i>	巴西鐵樹	Shrub	Exotic	-			S			S					
<i>Dracaena marginata</i>	紅邊鐵樹	Shrub	Exotic	-			S		S						
<i>Duranta erecta</i>	假連翹	Climber	Exotic	-			C			O	S				
<i>Dyopsis lutescens</i>	散尾葵	Shrub	Exotic	-			S				S				
<i>Elephantopus tomentosus</i>	白花地膽草	Herb	Native	Common						O					
<i>Eleutherococcus trifoliatus</i>	白筋	Climber	Native	Restricted						S	O				
<i>Embelia ribes</i>	白花酸藤子	Climber	Native	Common					O						
<i>Emilia sonchifolia</i>	一點紅	Herb	Native	Very common					S					S	
<i>Epipremnum aureum</i>	綠蘿	Climber	Exotic	-						S					O
<i>Eragrostis tenella</i>	鯽魚草	Herb	Native	Very common						C				S	
<i>Eriobotrya japonica</i>	枇杷	Tree	Exotic	-						S	O				
<i>Eucalyptus exserta</i>	窿緣桉	Tree	Exotic	-						S		C			
<i>Eucalyptus</i> sp.	桉屬	Tree	-	-			O			O		S			
<i>Eucalyptus tereticornis</i>	細葉桉	Tree	Exotic	-								C			
<i>Eucalyptus torelliana</i>	毛葉桉	Tree	Exotic	-								O			
<i>Eucalyptus urophylla</i>	尾葉桉	Tree	Exotic	-			O			O		C			
<i>Euphorbia hirta</i>	飛揚草	Herb	Exotic	Very common						C				S	



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<i>Euphorbia hypericifolia</i>	通奶草	Herb	Native	Common					O						
<i>Eurya nitida</i>	細齒葉柃	Shrub	Native	Very common								O			
<i>Excoecaria cochinchinensis</i>	紅背桂	Shrub	Exotic	-							O				
<i>Ficus elastica</i>	印度榕	Tree	Exotic	-							O				
<i>Ficus hirta</i>	粗葉榕	Shrub	Native	Common						C	O				O
<i>Ficus hispida</i>	對葉榕	Shrub	Native	Very common			O	O		C					C
<i>Ficus microcarpa</i>	榕樹	Tree	Native	Common			C			C	C	C		O	
<i>Ficus pumila</i>	薜荔	Climber	Native	Very common					O	O					
<i>Ficus pyriformis</i>	舶梨榕	Shrub	Native	Common											C
<i>Ficus religiosa</i>	菩提樹	Tree	Exotic	Common					O						
<i>Ficus rumphii</i>	心葉榕	Tree	Exotic	-					S		S				
<i>Ficus subpisocarpa</i>	筆管榕	Tree	Native	-						O		S	S	S	
<i>Ficus tinctoria</i> subsp. <i>gibbosa</i>	斜葉榕	Tree	Native	Restricted					S	S					S
<i>Ficus variegata</i> var. <i>chlorocarpa</i>	青果榕	Tree	Native	Common			O	S		S	C	O			S
<i>Ficus virens</i> var. <i>sublanceolata</i>	黃葛樹	Tree	Native	Common			O					O			
<i>Gahnia tristis</i>	黑莎草	Herb	Native	Very common									C		O
<i>Garcinia subelliptica</i>	菲島福木	Tree	Exotic	-					O						
* <i>Gnetum luofuense</i>	羅浮買麻藤	Climber	Native	Very common	IUCN Red List (Near Threatened) ²					O					
<i>Gymnema sylvestre</i>	匙羹藤	Climber	Native	Very common									S		
<i>Handroanthus chrysanthus</i>	黃花風鈴木	Tree	-	-					O						



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<i>Hedyotis acutangula</i>	金草	Herb	Native	Very common								O		
<i>Hedyotis consanguinea</i>	擬金草	Herb	Native	Common								S		
<i>Hedyotis corymbosa</i>	傘房花耳草	Herb	Native	Very common					O				S	
<i>Heterosmilax japonica</i>	肖菝葜	Climber	Native	Common						O				
<i>Hibiscus rosa-sinensis</i>	朱槿	Shrub	Exotic	-		O		S	O					
<i>Hibiscus tiliaceus</i>	黃槿	Tree	Native	Very common				C			O		C	
<i>Ilex asprella</i>	梅葉冬青	Shrub	Native	Very common						C				
<i>Imperata cylindrica</i>	大白茅	Herb	Native	Very common					O					
<i>Indocalamus sinicus</i>	水銀竹	Bamboo	Native	very common						S		S		
<i>Ipomoea cairica</i>	五爪金龍	Climber	Exotic	Very common					O					
<i>Ipomoea triloba</i>	三裂葉薯，三裂葉牽牛	Herb	Native	-						O				O
<i>Ischaemum</i> sp.	鴨咀草屬	Herb	-	-								O		
<i>Ixora chinensis</i>	龍船花	Shrub	Native	Restricted					C		O			
<i>Ixora stricta</i>	小葉龍船花	Shrub	Exotic	-		C			O		O			
<i>Jatropha integerrima</i>	全緣葉麻瘋樹	Shrub	Exotic	-					S					
<i>Koelreuteria bipinnata</i>	複羽葉樂樹	Tree	Exotic	-								O		



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<i>Kyllinga nemoralis</i>	單穗水蜈蚣	Herb	Native	Very common					S						
<i>Kyllinga polyphylla</i>	水蜈蚣	Herb	Exotic	Common							S				
* <i>Lagerstroemia speciosa</i>	大花紫薇	Tree	Exotic	-	Cap.96A ¹⁰	C			O						
<i>Lantana camara</i>	馬纓丹	Shrub	Exotic	Very common			S		C	C	C		S	O	
<i>Lasianthus chinensis</i>	粗葉木	Shrub	Native	Common						S					
<i>Lepidosperma chinense</i>	鱗子莎	Herb	Native	Very common								C		C	
<i>Leucaena leucocephala</i>	銀合歡	Tree	Exotic	Common		C	C		C	C	C				
<i>Ligustrum sinense</i>	山指甲	Tree	Native	Common			S		O	C	C			O	
<i>Lindsaea ensifolia</i>	劍葉鱗始蕨	Herb	Native	Very common						O					
<i>Liquidambar formosana</i>	楓香	Tree	Native	Common						S				S	
<i>Liriope spicata</i>	山麥冬	Herb	Native	Very common						O					
<i>Litsea glutinosa</i>	潺槁樹	Tree	Native	Very common						S					
<i>Litsea monopetala</i>	假柿木薑子	Tree	Native	Restricted						O					
<i>Litsea rotundifolia</i> var. <i>oblongifolia</i>	豺皮樟	Shrub	Native	Very common						O		C			
<i>Livistona chinensis</i>	蒲葵	Tree	Exotic	-					O		O				
<i>Lophatherum gracile</i>	淡竹葉	Herb	Native	Very common						S					
<i>Lophostemon confertus</i>	紅膠木	Tree	Exotic	-						O	C				
<i>Loropetalum chinense</i> f. <i>rubrum</i>	紅花檵木	Shrub	Exotic	-		S			O						



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<i>Lygodium japonicum</i>	海金沙	Herb	Native	Very common						O		O		
<i>Lygodium scandens</i>	小葉海金沙	Herb	Native	Common		O		C		O	O	O		O
<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	Tree	Native	Common		C	O		C	C	C			O
<i>Machilus chekiangensis</i>	浙江潤楠	Tree	Native	Very common						O				
<i>Machilus pauhoi</i>	刨花潤楠	Tree	Native	-						S	S			
<i>Maesa perlaris</i>	鯽魚膽	Shrub	Native	Common						O				
* <i>Magnolia grandiflora</i>	荷花玉蘭	Tree	Exotic	-	Cap.96A ¹⁰				O		O			
<i>Mallotus paniculatus</i>	白楸	Tree	Native	Very common						O				
<i>Melaleuca cajuputi</i> subsp. <i>cumingiana</i>	白千層	Tree	Exotic	-		C			C					
<i>Melastoma malabathricum</i>	野牡丹	Shrub	Native	Common								S		
<i>Melastoma sanguineum</i>	毛茛	Shrub	Native	Common								C		S
<i>Melia azedarach</i>	苦楝	Tree	Exotic	Common				C		O				O
<i>Melinis repens</i>	紅毛草	Herb	Exotic	Very common					O					
* <i>Michelia x alba</i>	白蘭	Tree	Exotic	-	Cap.96A ¹⁰				O	O	O			
* <i>Michelia chapensis</i>	樂昌含笑	Tree	Native	Rare	Cap.96A ¹⁰ Rare and Precious Plants of Hong Kong (Least concern in China) ⁷				S					
<i>Microcos nervosa</i>	破布葉	Shrub	Native	Common			S			O				
<i>Microstegium ciliatum</i>	剛莠竹	Herb	Native	Very common						C	S			
<i>Mikania micrantha</i>	薇甘菊	Herb	Exotic	Very common						O				O



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<i>Miscanthus floridulus</i>	五節芒	Herb	Native	Common					S					
<i>Miscanthus sinensis</i>	芒	Herb	Native	Very common			O	C				C		O
<i>Murraya paniculata</i>	九里香	Tree	Exotic	-						O				
<i>Musa acuminata</i> cv. <i>Cavendishii</i>	香蕉	Herb	Exotic	-					O		O			
<i>Mussaenda pubescens</i>	玉葉金花	Climber	Native	Very common										S
* <i>Neottopteris nidus</i>	巢蕨	Herb	Native	Restricted	Cap.96A ¹⁰						S			
<i>Nepenthes mirabilis</i>	豬籠草	Herb	Native	Common	Cap.96A¹⁰ Cap.586⁸ Rare and Precious Plants of Hong Kong (Vulnerable in China)⁷ Threatened Species List of China's Higher Plants (Vulnerable)⁴ CITES Appendix II⁵							S		
<i>Neyraudia reynaudiana</i>	類蘆	Herb	Native	Very common			O		S			C		S
<i>Ophiopogon japonicus</i>	麥冬	Herb	Native	common					O					
<i>Oplismenus compositus</i>	竹葉草	Herb	Native	Very common						O				
<i>Oxalis debilis</i> subsp. <i>corymbosa</i>	紅花酢漿草	Herb	Exotic	Common						O	S			O
<i>Paederia scandens</i>	雞矢藤	Climber	Native	Very common			C		O	O	C			
<i>Panicum maximum</i>	大黍	Herb	Exotic	Common			O	C		C	O	C		
<i>Parthenocissus dalzielii</i>	爬牆虎	Climber	Exotic	-					O	O	C			
<i>Paspalum distichum</i>	雙穗雀稗	Herb	Native	Common					C					
<i>Peltophorum tonkinense</i>	銀珠	Tree	Exotic	-					S					



Scientific name	Chinese name	Growth form	Origin	Rarity in Hong Kong ¹	Protection/Conservation status ^{2 3 4 5 6 7 8 9 10}	Relative abundance within project sites		Relative abundance outside project sites but within assessment area						
						LFRSR NB&SB	HWRSR	CH	DA	MW	PL	SG	SS	WAT
<i>Pennisetum alopecuroides</i>	狼尾草	Herb	Native	Common				O				O		S
<i>Persicaria chinensis</i>	火炭母	Herb	Native	Common						S				S
<i>Philodendron cordatum</i>	心葉喜樹蕉	Herb	Exotic	-										S
<i>Phoenix roebelenii</i>	江邊刺葵	Tree	Exotic	-							O			
<i>Phyllanthus cochinchinensis</i>	越南葉下珠	Shrub	Native	Very common								O		
<i>Phyllanthus debilis</i>	銳尖葉下珠	Herb	-	-					S					
<i>Phyllanthus emblica</i>	餘甘子	Tree	Native	Very common				O						S
<i>Pilea microphylla</i>	小葉冷水花	Herb	Exotic	Very common						S				O
<i>Pinus elliotii</i>	濕地松, 愛氏松	Tree	Exotic	-								O		
* <i>Pinus massoniana</i>	馬尾松	Tree	Native	Common	China Plant Red Data Book (Endangered) ⁵				O	S				
<i>Platycladus orientalis</i>	側柏	Tree	Exotic	-					O					
<i>Plumeria rubra</i>	雞蛋花	Tree	Exotic	-					C					
* <i>Podocarpus macrophyllus</i>	羅漢松	Tree	Native	Restricted	Wild plant under State protection (category II) ⁹ Threatened Species List of China's Higher Plants (Vulnerable) ⁴					O				
<i>Pogonatherum crinitum</i>	金絲草	Herb	Native	Common										S
<i>Polyscias guilfoylei</i>	銀邊南洋參	Tree	Exotic	-					S					
<i>Polyspora axillaris</i>	大頭茶	Shrub	Native	Very common								C		



Scientific name	Chinese name	Growth form	Origin	Rarity in Hong Kong ¹	Protection/Conservation status ^{2 3 4 5 6 7 8 9 10}	Relative abundance within project sites		Relative abundance outside project sites but within assessment area							
						LFRSR NB&SB	HWRSR	CH	DA	MW	PL	SG	SS	WAT	
<i>Pongamia pinnata</i>	水黃皮	Tree	Native	Common										O	
<i>Praxelis clematidea</i>	假臭草	Herb	Exotic	Very common						S					S
<i>Psidium guajava</i>	番石榴	Tree	Exotic	Common							S				
<i>Psychotria asiatica</i>	九節	Tree	Native	Very common						C					
<i>Psychotria serpens</i>	蔓九節	Climber	Native	Very common						O		O			
<i>Pteridium aquilinum</i> var. <i>latiusculum</i>	蕨	Herb	Native	Common								S			
<i>Pteris ensiformis</i>	劍葉鳳尾蕨	Herb	Native	Common						O					
<i>Pteris linearis</i>	線羽鳳尾蕨	Herb	Native	Restricted											S
<i>Pteris semipinnata</i>	半邊旗	Herb	Native	Very common						C					
<i>Pteris vittata</i>	蜈蚣草	Herb	Native	Very common				O							O
<i>Pueraria lobata</i> var. <i>montana</i>	葛麻姆	Climber	Native	Common					O	O					
<i>Pyrosia adnascens</i>	貼生石韋	Herb	Native	Common							O				
<i>Rhaphiolepis indica</i>	石斑木	Shrub	Native	Very common						O					
<i>Rhapis excelsa</i>	棕竹	Shrub	Native	Common		S			S	O					
<i>Rhodomyrtus tomentosa</i>	桃金娘	Shrub	Native	Very common								C			
<i>Rhus hypoleuca</i>	白背鹽膚木	Shrub	Native	Common				C							
<i>Rhus succedanea</i>	木蠟樹	Shrub	Native	Common								S			
<i>Roystonea regia</i>	大王椰子	Tree	Exotic	-		S			S						



Scientific name	Chinese name	Growth form	Origin	Rarity in Hong Kong ¹	Protection/Conservation status ^{2 3 4 5 6 7 8 9 10}	Relative abundance within project sites		Relative abundance outside project sites but within assessment area							
						LFRSR NB&SB	HWRSR	CH	DA	MW	PL	SG	SS	WAT	
<i>Ruellia coerulea</i>	蘭花草	Herb	Exotic	-											S
<i>Rumex</i> sp.	酸模屬	Herb	-	-										S	
<i>Schefflera arboricola</i>	鵝掌藤	Climber	Exotic	-		C			C						
<i>Schefflera heptaphylla</i>	鵝掌柴	Tree	Native	Very common						O	O				O
<i>Schima superba</i>	木荷	Tree	Native	Common						S					
<i>Scleria ciliaris</i>	緣毛珍珠茅	Herb	Native	Very common								C			
<i>Senegalia prominens</i>	老虎刺金合歡	Climber	-	-						O					
<i>Senna siamea</i>	鐵刀木	Tree	Exotic	-		O			O		O				
<i>Senna surattensis</i>	黃槐決明	Shrub	Exotic	-		S									
<i>Setaria palmifolia</i>	棕葉狗尾草	Herb	Native	Common				O							O
<i>Smilax china</i>	菝葜	Climber	Native	Very common			S			S					
<i>Solanum americanum</i>	少花龍葵	Herb	Exotic	-				O	S					S	
<i>Spermacoce remota</i>	光葉豐花草	Herb	-	-					S	S					
<i>Sporobolus fertilis</i>	鼠尾粟	Herb	Native	Very common					O					O	
<i>Stachytarpheta jamaicensis</i>	假馬鞭	Shrub	Exotic	Common						S					
<i>Stephania longa</i>	糞箕篤	Climber	Native	Common						C					O
<i>Sterculia lanceolata</i>	假蒺藜	Tree	Native	Very common			S		C	C	O				
<i>Syngonium podophyllum</i>	合果芋	Herb	Exotic	-						S					
<i>Syzygium jambos</i>	蒲桃	Tree	Exotic	Common						O	O				



Scientific name	Chinese name	Growth form	Origin	Rarity in Hong Kong ¹	Protection/Conservation status ^{2 3 4 5 6 7 8 9 10}	Relative abundance within project sites		Relative abundance outside project sites but within assessment area							
						LFRSR NB&SB	HWRSR	CH	DA	MW	PL	SG	SS	WAT	
* <i>Terminalia catappa</i>	欖仁樹	Tree	Exotic	Very rare					O						
<i>Terminalia mantaly</i> 'Tricolor'	花葉欖仁	Tree	-	-						S					
<i>Tetracera asiatica</i>	錫葉藤	Climber	Native	Very common					S	O		S			
<i>Tetradium glabrifolium</i>	棟葉吳茱萸	Tree	Native	Common						O		S			S
<i>Thevetia peruviana</i>	黃花夾竹桃	Shrub	Exotic	-			O								
<i>Thysanolaena latifolia</i>	粽葉蘆	Herb	Native	Common				O							C
<i>Typhonium blumei</i>	犁頭尖	Herb	Native	-								S			
<i>Urena lobata</i>	肖梵天花	Herb	Native	Common								S			
<i>Vitis balanseana</i>	小果葡萄	Climber	Native	Restricted	Threatened Species List of China's Higher Plants (Vulnerable, endemic species) ⁴							S			
<i>Wedelia trilobata</i>	三裂葉蜆蜷菊	Herb	Exotic	Common					C	O	C				O
<i>Youngia japonica</i>	黃鵪菜	Herb	Native	Very common					C						
* <i>Yulania liliiflora</i>	紫玉蘭	Shrub	Exotic	-	Cap.96 ¹⁰ Threatened Species List of China's Higher Plants (Vulnerable, endemic species) ⁴					S					
<i>Zanthoxylum avicennae</i>	筍欖花椒, 筍欖	Tree	Native	Common						C		S			
<i>Zanthoxylum nitidum</i>	兩面針	Climber	Native	Very common						O					
Total number of species						44	26	20	94	121	67	43	16	55	

Notes:

1. Corlett et al. (2000). Hong Kong vascular plants: distribution and status.



2. Cap. 586 Protection of Endangered Species of Animals and Plants Ordinance.
3. Hu *et al.* (2003). Rare and Precious Plants of Hong Kong.
4. Fu & Chin (1992). China Plant Red Data Book – Rare and Endangered Plants.
5. Wu *et al.* (1988). Illustration of Rare & endangered plant in Guangdong Province.
6. State Forestry Administration & Ministry of Agriculture. (2021). List of Wild Plants under State Protection.
7. Qin *et al.* (2017). Threatened Species List of China's Higher Plants.
8. International Union of Conservation for Nature. (2021). The IUCN Red List of Threatened Species. Version 2021-1.
9. Convention on International Trade in Endangered Species of Wild Flora and Fauna (2020). Appendices I, II and III.
10. Cap. 96A Forests and Countryside Ordinance.

• **Species in bold are considered of conservation importance.**

- *Dimocarpus longan* is exotic to Hong Kong and not considered of conservation importance, despite being listed as vulnerable in Threatened Species List of China's Higher Plants (Qin *et al.* 2017), listed as vulnerable in China Plant Red Data Book (Fu and Chin, 1992), and/or listed under Category II in the List of Wild Plants under State Protection (State Forestry Administration & Ministry of Agriculture 2021).
- *Lagerstroemia indica*, *Camellia japonica*, *Magnolia grandiflora*, *Michelia x alba* and *Yulania liliiflora* are protected under Cap. 96A. *Lagerstroemia indica* is also regarded as rare by Corlett *et al.* (2000). However, all species are exotic and the recorded individuals were cultivated. Thus, they are not considered as species of conservation.
- *Araucaria heterophylla* is listed as Vulnerable by IUCN (2022), however, it is exotic and the recorded individual was cultivated. Thus, it is not considered as species of conservation.
- *Neottopteris nidus* is protected under Cap. 96A, but the recorded individual is cultivated. Thus, it is not considered as species of conservation.
- *Podocarpus macrophyllum* is listed as Vulnerable under Threaten Species list of China Higher Plant (Qin *et al.* 2017), and listed under Category II in the List of Wild Plants under State Protection (State Forestry Administration & Ministry of Agriculture 2021). However, the recorded individuals are cultivated. Thus, it is not considered as species of conservation.
- *Pinus massoniana* is listed as endangered in China Plant Red Data Book (Fu and Chin, 1992). However, the recorded individuals are cultivated. Thus, it is considered as species of conservation.
- *Cycas revoluta* is listed under Category II in the List of Wild Plants under State Protection (State Forestry Administration & Ministry of Agriculture 2021). However, it is exotic and the recorded individuals were cultivated. Thus, it is not considered as species of conservation.
- *Casuarina equisetifolia* is regarded as rare by Corlett *et al.* (2000), yet it is exotic and cultivated. It is not considered as species of conservation.
- *Bauhinia corymbosa* and *Terminalia cateppa* are regarded as very rare by Corlett *et al.* (2000), yet they are exotic and cultivated. They are not considered as species of conservation.
- *Aquilaria sinensis* is included in the book "Rare and Precious Plants of Hong Kong" (Hu *et al.* 2003). It is threatened by illegal felling and over-exploitation and is listed in Appendix II of CITES and protected under Cap. 586 Protection of Endangered Species of Animals and Plants Ordinance in Hong Kong. Moreover, it is included in China Plant Red Data Book (Fu and Chin 1992) and Illustration of Rare & Endangered plant in Guangdong Province (Wu and Hu 1988), and wild individuals are listed in Category II of the List of Wild Plants under State Protection (State Forestry Administration & Ministry of Agriculture 2021). It is also categorized as "Vulnerable" in China Red Data Book (Fu and Chin 1992), the Threatened Species List of China's Higher Plants (Qin *et al.* 2017) and the IUCN Red List (IUCN, 2022). However, the recorded individuals are all cultivated, thus it is not considered as species of conservation importance in the current Project.
- *Dalbergia* spp. are listed under Appendix II of CITES and protected under Cap. 586 Protection of Endangered Species of Animals and Plants Ordinance in Hong Kong as species in this genus is facing threat due to the overexploitation for its valuable wood (known as rosewood). However, *Dalbergia benthamii* is climber which is not relevant to the timber exploitation. In addition, this species is very common in Hong Kong and considered as "common" by Corlett *et al.* (2000), it is not considered as species of conservation importance.
- *Michelia chapensis* is a native species, it is protected under Cap. 96A and listed in Rare and Precious Plants of Hong Kong (Least concern in China. However the recorded individuals are cultivated. Thus this species is not considered as a species of conservation importance.
- *Gnetum luofuense* is not considered as species of conservation importance in the current study. The only conservation status of this species is "Near Threatened" in IUCN Red List of Threatened Species, which does not meet the criteria of species of conservation importance stated in Section 8.2.3. This species is very common in Hong Kong, it is considered as "very common" and "common" by Corlett *et al.* (2000) and AFCD (2007) respectively. It is not facing any known specific threat in Hong Kong, too.

Abbreviations

- LFRSR NB&SB: Proposed Lung Fu Road Slip Road (Northbound and Southbound); HWRSR: Proposed Tuen Mun Road / Hoi Wing Road Slip Road
- Habitat: CH: Channel; DA: Developed Area; MW: Mixed Woodland; PL: Plantation; SG: Shrubland/Grassland; SS: Sandy Shore and WAT: Watercourse (natural and semi-natural)
- Relative abundance: C: Common, O: Occasional, S: Scarce