

Appendix 8.2: Flora Species Recorded within the Assessment Area

Common Name	Scientific Name	Growth Form	Native / Exotic to Hong Kong	Distribution in Hong Kong ⁽¹⁾	Protection Status ⁽³⁾	Project Site				500m Assessment Area														
						DAWL	SL	D. AGL	MWC	DAWL	GL/SL	SL	OR	MWL	PLT	WL	D.AGL	W.AGL	Marsh	MWC	NWC	Pond	MPond	
Lychee	<i>Litchi chinensis</i>	tree	exotic	restricted but widely planted	List of Wild Plants under State Protection: Category II; Threatened Species List of China's Higher Plants: Endangered; Rare and Endangered Plants and National Key Protected Plants in Guangdong: Near Threatened					+			++	++		++++								
Fragrant Litsea	<i>Litsea cubeba</i>	shrub or small tree	native	common	-							+++												
Pond Spice	<i>Litsea glutinosa</i>	tree	native	very common	-					+		+		+		+								+
Oblong-leaved Litsea	<i>Litsea rotundifolia</i> var. <i>oblongifolia</i>	shrub	native	very common	-							++		++	+									
Common Lophantherum	<i>Lophantherum gracile</i>	perennial herb	native	very common	-		++				+	++				+								
Brisbane Box	<i>Lophostemon confertus</i>	tree	exotic	-	-							++		++	+++									
Red Strap Flower	<i>Loropetalum chinense</i> f. <i>rubrum</i>	shrub or small tree	exotic	-	-					+														
-	<i>Ludwigia perennis</i>	herb	native	restricted	-													+	+			+		
Tomato	<i>Lycopersicon esculentum</i>	herb	exotic	cultivated	-			+									+							
Climbing Fern	<i>Lygodium japonicum</i>	climbing herb	native	very common	-		+		+	+	++			++	+									+
Scansorial Climbing Fern	<i>Lygodium scandens</i>	climbing herb	native	common	-									++	+									
Elephant's Ear	<i>Macaranga tanarius</i> var. <i>tomentosa</i>	tree	native	common	-	+	+		+	++		++	+	+++	++	++			+	+				++
Chekiang Machilus	<i>Machilus chekiangensis</i>	tree	native	very common	-									++										
White-back Leaf Mallotus	<i>Mallotus apelta</i>	shrub or small tree	native	common	-							+												
Turn-in-the-wind	<i>Mallotus paniculatus</i>	shrub or tree	native	very common	-	+	+			++	+	++		++	++									+
Turk's Cap	<i>Malvaviscus penduliflorus</i>	shrub	exotic	common	-					+														
Mango	<i>Mangifera indica</i>	tree	exotic	-	-					+		+												
Tapioca Plant	<i>Manihot esculenta</i>	shrub	exotic	common	-					+		++												
Sawgrass	<i>Mariscus cyperoides</i>	herb	native	very common	-						+	+												
Common Melastoma	<i>Melastoma malabathricum</i>	shrub	native	common	-						+	++												
Blood-red Melastoma	<i>Melastoma sanguineum</i>	shrub	native	common	-						+	+												
China-berry	<i>Melia azedarach</i>	tree	exotic	common	-					+	+	+		+										
Thin Evodia	<i>Melicope pteleifolia</i>	shrub or small tree	native	common	-					+	+	+						+	+					
Redtop	<i>Melinis repens</i>	perennial herb	exotic	very common	-					+	+	+					+	+						
Umbellate Merremia	<i>Merremia umbellata orientalis</i>	climber: twining vine	native	common	-					+		+												
White Jade Orchid Tree	<i>Michelia x alba</i>	tree	exotic	widely planted	Protected under Forests and Countryside Ordinance (Cap. 96)					'+*														
Microcos	<i>Microcos nervosa</i>	shrub or small tree	native	common	-		+			++	+	++		++										
Ciliate Microstegium	<i>Microstegium ciliatum</i>	perennial procumbent herb	native	very common; common ⁽²⁾	-									++	++					+++				
Mile-a-minute Weed	<i>Mikania micrantha</i>	climbing herb	exotic	very common	-	+	++		++	++	++			+++	+	++	++		++	+++	++	+	+	+
Sensitive Plant	<i>Mimosa pudica</i>	herb	exotic	very common	-					+							+							
Many-flowered Silvergrass	<i>Miscanthus floridulus</i>	perennial herb	native	common	-		+		++	+++	+++			+							+	+	+	
Chinese Silvergrass	<i>Miscanthus sinensis</i>	perennial herb	native	very common	-					++	++													
Bitter Cucumber	<i>Momordica charantia</i>	perennial herb	exotic	-	-													+						
Orange-jessamine	<i>Murraya paniculata</i>	small tree	exotic	common	-							+												
Common Banana	<i>Musa x paradisiaca</i>	perennial herb	exotic	common; cultivated	-					+				+			+	+			+	+		
Splash-of-white	<i>Mussaenda pubescens</i>	climbing shrub	native	very common	-							+												
Water Cress	<i>Nasturtium officinale</i>	aquatic herb	exotic	-	-													+						
Oleander	<i>Nerium oleander</i>	large shrub	exotic	-	-					+														
Burma-reed	<i>Neyraudia reynaudiana</i>	perennial herb	native	very common; common ⁽²⁾	-						++	++												
Kwai-Fah	<i>Osmanthus fragrans</i>	shrub or tree	exotic	-	-					+														
Lavender Sorrel	<i>Oxalis debilis corymbosa</i>	perennial herb	exotic	common	-					++					+									
Chinese Fevervine	<i>Paederia scandens</i>	climber: vine	native	very common	-		+			+	+	+				+								+
False Pineapple	<i>Pandanus kaida</i>	shrub or small tree	native	restricted	-									+										
Panic Grass	<i>Panicum brevifolium</i>	herb	native	very common; common ⁽²⁾	-												+							
Guinea Grass	<i>Panicum maximum</i>	perennial herb	exotic	very common	-	+	++	++		++	+++	++		++	++		+		+	+	+	+	+	+

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						DA/WL	SL	D. AGL	MWC	DA/WL	GL/SL	SL	OR	MWL	PLT	WL	D.AGL	W.AGL	Marsh	MWC	NWC	Pond	MPond	
Tetrongan	<i>Solanum torvum</i>	shrub	exotic	common	-	+	+			+		+		+	+		+							+
Clasping-stem Solena	<i>Solena amplexicaulis</i>	climbing herbaceous vine	native	very common	-						+													+
-	<i>Spermacoce remota</i>	herb	exotic	-	-						+													
Jamaica Vervain	<i>Stachytarpheta cayennensis</i>	herb	exotic	-	-						+													
Long Stephania	<i>Stephania longa</i>	climber: vine	native	common	-		+			+		+												+
Lance-leaved Sterculia	<i>Sterculia lanceolata</i>	semi-deciduous tree	native	very common	-					+														
Goat Horns	<i>Strophanthus divaricatus</i>	woody vine	native	common	-						+			+										
Rose Apple	<i>Syzygium jambos</i>	tree	exotic	common	-						+													
Levine's Syzygium	<i>Syzygium levinei</i>	tree	native	common	-						+													
Sandpaper Vine	<i>Tetracera asiatica</i>	woody vine	native	very common	-						+			+			+							
Melia-leaved Evodia	<i>Tetradium glabrifolium</i>	tree	native	common	-						+			+										
Oyster Plant	<i>Tradescantia spathacea</i>	herb	exotic	-	-					+														
India-charcoal Trema	<i>Trema tomentosa</i>	shrub or small tree	native	common	-						+			+										
Tridax	<i>Tridax procumbens</i>	perennial herb	exotic	very common	-					++		+												
Uvaria	<i>Uvaria macrophylla</i>	woody climbing shrub	native	common	-						+						+							
Don Blue Berry	<i>Vaccinium bracteatum</i> var. <i>chinense</i>	shrub or small tree	native	common	-																			+
-	<i>Wedelia trilobata</i>	perennial herb	exotic	common; also widely cultivated	-					++	++			+	+		+			++	++	++		
Indian Wikstroemia	<i>Wikstroemia indica</i>	shrub	native	common	-						+													
Prickly Ash	<i>Zanthoxylum avicennae</i>	tree	native	common	-						+			++	+									
Shiny-leaved Prickly Ash	<i>Zanthoxylum nitidum</i>	climbing shrub	native	very common	-					+	+			+			+							
Maize	<i>Zea mays</i>	herb	exotic	-	-									+			+							

Notes:

(1) Distribution in Hong Kong follows:

- Wu, S.-H. & Lee, T.-C.W. (2000). Pteridophytes of Hong Kong. *Memoirs of the Hong Kong Natural History Society* 23:5-20.
- Xing, F.-W., Ng, S.C. & Chau, L.K.-C. (2000). Gymnosperms and Angiosperms of Hong Kong. *Memoirs of the Hong Kong Natural History Society* 23:21-136.
- Siu, L.-P.G. (2000). Orchidaceae of Hong Kong. *Memoirs of the Hong Kong Natural History Society* 23:137-148.

(2) Yip, Y., Yip, K. L., Liu, K. U., Ngar Y. N., & Lai, C. C. (2010). A Floristic Survey of Marshes in Hong Kong. *Hong Kong Biodiversity*. Issue No. 19.

(3) Protection statuses follow:

- Protected under the Forests and Countryside Ordinance (Cap. 96)
- Protected by the Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586)
- Hu, Q.M., Wu, T.L., Xia, N.H., Xing F.W., Lai, C.C.P. & Yip, K.W. (2003). Rare and Precious Plants of Hong Kong. Agriculture, Fisheries and Conservation Department, HKSAR, Hong Kong. 234pp.
- "List of Wild Plants Under State Protection" (promulgated by the Ministry of Forestry in 1999)
- Fu, K.L. (1992). China Plant Red Data Book. Vol. 1 - Rare and Endangered Plants. Science Press, Beijing. 736pp. (In Chinese only)
- Qin, *et al.* (2017). Threatened Species List of China's Higher Plants. *Biodiversity Science* 25(7):696-747
- International Union for the Conservation of Nature (IUCN) (2021). The IUCN Red List of Threatened Species. Version 2021.1. <http://www.iucnredlist.org>. Downloaded on 31 July 2021.
- Feng, Z.-J., Li, Z.-K., Li, B.-T., Xue, C.-G., Liu, J.-B. & He, Y.-Q. (2002). Study on Rare and Endangered Plants and National Key Protected Plants in Guangdong. *Journal of South China Agricultural University* 3:24-27.
- Wu, D.L. & Hu, C.X. (1988). Illustrations of Rare and Endangered Plants in Guangdong Province. China Environmental Science Press, Beijing. 46pp. (In Chinese only).

Code for Abundance: ++++=abundant; +++=frequent; ++=occasional; +=scarce

Species of conservation importance is in bold type face.

*** denotes individuals that were cultivated and/or introduced to the habitat through human activities, thus are not considered to be species of conservation importance under this study.

Habitats are abbreviated as follows: DA/WL = Developed Area/Wasteland, GL/SL = Grassland/Shrubland, SL = Shrubland, OR = Orchard, MWL = Mixed Woodland, PLT = Plantation, WL = Woodland, D.AGL = Dry Agricultural Land, W.AGL = Wet Agricultural Land, MWC = Modified Watercourse, NWC = Natural Watercourse, M.Pond = Mitigation Pond