









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 <sup>(1)</sup>	Protection Status <sup>(3)</sup>	Project Site			500m Assessment Area											
						DA/WL	SL	MWC	DA/WL	SL	VO	MWL	GL	PLT	MWC	WC	AGL	Marsh	Pond	
-	<i>Ipomoea triloba</i>	herbaceous climber	exotic	common	-				+											
Chinese Ixora	<i>Ixora chinensis</i>	shrub	native	restricted but widely cultivated	-						+									
Arabian Jasmine	<i>Jasminum sambac</i>	climbing shrub	exotic	common	-						+									
Dragon Juniper	<i>Juniperus chinensis</i> 'Kaizuca'	tree	exotic	-	-				+	+										
-	<i>Kalanchoe daigremontiana</i> × <i>Kalanchoe deligoensis</i>	perennial herb	exotic	-	-				+											
Air-plant	<i>Kalanchoe pinnata</i>	herb	exotic	common	-				+											
Aromatic Kyllinga	<i>Kyllinga polyphylla</i>	herb	exotic	common <sup>(2)</sup>	-				+	++						+	++	+		+
Indian Lettuce	<i>Lactuca indica</i>	herb	exotic	cultivated	-														+	
Lantana	<i>Lantana camara</i>	shrub	exotic	very common	-			++	++	++	+	+	+	+	+			+	+	
Chinese Lasianthus	<i>Lasianthus chinensis</i>	shrub	native	common	-					++										
-	<i>Lemnaphyllum microphyllum</i>	herb	native	common	-					+		+		+						
Lesser Duck-weed	<i>Lemna minor</i>	floating small herb	native	common <sup>(2)</sup>	-															+
Chinese Scaleseed Sedge	<i>Lepidosperma chinense</i>	herb	native	very common; common <sup>(2)</sup>	-															
White Popinac	<i>Leucaena leucocephala</i>	small tree	exotic	common	-	+	++		++	++	+	++	++	++	+			+	+	
Formosa Privet	<i>Ligustrum liukiuense</i>	shrub or small tree	native	common	-				+											
Chinese Privet	<i>Ligustrum sinense</i>	shrub or small tree	exotic	common	-				++		+	++	+	++						+
-	<i>Lindernia rotundifolia</i>	herb	exotic	common <sup>(2)</sup>	-											++				
Orbicular Lindsaea	<i>Lindsaea orbiculata</i>	herb	native	very common	-										+					
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	-				+	+		+		+						
Persimmon-leaved Litsea	<i>Litsea monopetala</i>	small tree	native	restricted	-							+								
Oblong-leaved Litsea	<i>Litsea rotundifolia</i> var. <i>oblongifolia</i>	shrub	native	very common	-			+			+++	+	+++					+		
Chinese Fan-palm	<i>Livistona chinensis</i>	tree palm	exotic	-	Threatened Species List of China's Higher Plants: Vulnerable	+				+					+					
Honeysuckle	<i>Lonicera japonica</i>	climber: vine	native	restricted	-				+											
Common Lophantherum	<i>Lophatherum gracile</i>	perennial herb	native	very common	-				++			++		++				++		
Brisbane Box	<i>Lophostemon confertus</i>	tree	exotic	-	-					++		++		++++						
Primrose Willow	<i>Ludwigia octovalvis</i>	perennial herb	native	common; very common <sup>(2)</sup>	-											+				
-	<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	-							++								
Many-nerved Machilus	<i>Machilus pauhoi</i>	tree	native	-	-							+								
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	-	+			++	++	+	++		++	+	+				
False Mallow	<i>Malvastrum coromandelianum</i>	herb	native	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	-							++								
Paper-bark Tree	<i>Melaleuca cajuputi cumingiana</i>	tree	exotic	common	-							+								
Twelve-stamened Melastoma	<i>Melastoma dodecandrum</i>	diffuse subshrub	native	common	-					+					+					
Common Melastoma	<i>Melastoma malabathricum</i>	shrub	native	common	-					++		+					+			



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						DA/WL	SL	MWC	DA/WL	SL	VO	MWL	GL	PLT	MWC	WC	AGL	Marsh	Pond	
Golden-hair Grass	<i>Pogonatherum crinitum</i>	perennial herb	native	common	-					+										
-	<i>Polygonum</i> spp.	herb	-	-	-															++
Hong Kong Gordonia	<i>Polyspora axillaris</i>	shrub or small tree	native	very common	-					+++					++					
Ceylon Pouzolzia	<i>Pouzolzia zeylanica</i>	perennial herb	native	common	-					+										
Guava	<i>Psidium guajava</i>	tree	exotic	common	-					+										
Wild Coffee	<i>Psychotria asiatica</i>	shrub or tree	native	very common	-					+	++	++	++		+					
Creeping Psychotria	<i>Psychotria serpens</i>	semi-woody climber: vine	native	very common	-					+		++								
Bracken Fern	<i>Pteridium aquilinum</i> var. <i>latiusculum</i>	herb	native	fairly common	-								+		+					
Sword Brake	<i>Pteris ensiformis</i>	herb	native	common	-								+							
Chinese Brake	<i>Pteris multifida</i>	herb	native	very common	-								+							
Semi-pinnated Brake	<i>Pteris semipinnata</i>	herb	native	very common	-								+							
Ladder Brake	<i>Pteris vittata</i>	herb	native	very common	-					+	+									
Kudzu	<i>Pueraria lobata</i>	climber: vine	native	common	-					+						+	+			
Wild Kudzu Vine	<i>Pueraria phaseoloides</i>	climber: vine	native	very common	-					++		++		++			+	+	++	
Kudzu	<i>Pueraria</i> spp.	climber: vine	-	-	-								+	+						
Fire-cracker Vine	<i>Pyrostegia venusta</i>	climber: vine	exotic	common	-					+										
Tongue-fern	<i>Pyrosia adnascens</i>	herb	native	common	-						+									
Rangoon Creeper	<i>Quisqualis indica</i>	climbing shrub	exotic	restricted	-	+				+				+						
Celery-leaved Crowfoot	<i>Ranunculus sceleratus</i>	herb	native	restricted; uncommon <sup>(2)</sup>	-					+										+
Hong Kong Hawthorn	<i>Rhaphiolepis indica</i>	shrub or small tree	native	very common	-						+		+							
Rose Myrtle	<i>Rhodomyrtus tomentosa</i>	shrub	native	very common	-						++		+							
Sumac	<i>Rhus chinensis</i>	shrub or small tree	native	common	-						+		+							
Sumac	<i>Rhus hypoleuca</i>	shrub or small tree	native	common	-						+		++							
Wax Tree	<i>Rhus succedanea</i>	shrub or small tree	native	common	-						++		+				+			
Red Beakrush	<i>Rhynchospora rubra</i>	herb	native	very common	-						+									
Castor-oil Plant	<i>Ricinus communis</i>	shrub	exotic	restricted	-	+				+									+	
Little-leaved Rourea	<i>Rourea microphylla</i>	climbing shrub	native	common	-						+		+							
Royal Palm	<i>Roystonea regia</i>	tree palm	exotic	-	IUCN Red List (ver. 2021.1): Critically Endangered	+*				+*										
Rusty-haired Raspberry	<i>Rubus reflexus</i>	climbing shrub	native	very common	-						++		+	+				+		
Sugar Cane	<i>Saccharum officinarum</i>	perennial herb	exotic	cultivated	-														+	
Hedge Sageretia	<i>Sageretia thea</i>	shrub	native	very common	-						+									
Snake Plant	<i>Sansevieria trifasciata</i>	perennial herb	exotic	-	-					+		+								
Mountain Tallow Tree	<i>Sapium discolor</i>	small tree	native	very common	-					+		++		+					+	
Chinese Tallow Tree	<i>Sapium sebiferum</i>	tree	native	common	-					+				+						
Sarcandra	<i>Sarcandra glabra</i>	subshrub	native	very common	-								++		+					
Miniature Umbrella Plant	<i>Schefflera arboricola</i>	climbing shrub	exotic	cultivated	-	+				+										
Ivy Tree	<i>Schefflera heptaphylla</i>	tree	native	very common	-						+	+	++		+					
Schima, Chinese Gugertree	<i>Schima superba</i>	tree	native	common	-						+		++		++					
-	<i>Scleria</i> sp.	herb	native	-	-							++								
Ciliate Razorsedge	<i>Scleria ciliaris</i>	herb	native	very common	-						+		++							
Scolopia	<i>Scolopia saeva</i>	large shrub or tree	native	common	-								+							
Sweet Broomwort	<i>Scoparia dulcis</i>	herb	exotic	common <sup>(2)</sup>	-						+									
Kassod Tree	<i>Senna siamea</i>	tree	exotic	-	-	+				+										
Sida Hemp	<i>Sida rhombifolia</i>	erect subshrub	native	common	-						+									
Greenbrier	<i>Smilax china</i>	climbing shrub	native	very common	-								+							
Glabrous Greenbrier	<i>Smilax glabra</i>	climbing shrub	native	very common	-							+								
Long-leaved Greenbrier	<i>Smilax hypoglauca</i>	climbing shrub	native	common	-							+								
Shining-fruit Nightshade	<i>Solanum americanum</i>	herb	exotic	very common	-	+				+										
Tetrongan	<i>Solanum torvum</i>	shrub	exotic	common	-						+		+		+		+			
Clasping-stem Solena	<i>Solena amplexicaulis</i>	climbing herbaceous vine	native	very common	-						+		+							
Sow-Thistle	<i>Sonchus oleraceus</i>	herb	exotic	very common	-						+								+	
African Tulip Tree	<i>Spathodea campanulata</i>	tree	exotic	-	-						+									
-	<i>Spermacoce remota</i>	herb	exotic	-	-						+									
Long Stephania	<i>Stephania longa</i>	climber: vine	native	common	-						+		+		+					

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						DA/WL	SL	MWC	DA/WL	SL	VO	MWL	GL	PLT	MWC	WC	AGL	Marsh	Pond
Lance-leaved Sterculia	<i>Sterculia lanceolata</i>	semi-deciduous tree	native	very common	-				+	++	++	++		++		+			
Common Sterculia	<i>Sterculia monosperma</i>	tree	exotic	-	-						+								
Goat Horns	<i>Strophanthus divaricatus</i>	woody vine	native	common	-					++				+					
Narrow-flowered Poison-nut	<i>Strychnos angustiflora</i>	woody vine	native	common	-					+									
African Evergreen	<i>Syngonium podophyllum</i>	herb	exotic	-	-						+	+				+	+		
Rose Apple	<i>Syzygium jambos</i>	tree	exotic	common	-				+	+									
Triquetrous Tadehagi	<i>Tadehagi triquetrum</i>	subshrub or shrub	native	very common	-					+									
Teak	<i>Tectona grandis</i>	tree	exotic	-	-				+										
-	<i>Terminalia mantaly</i>	tree	exotic	-	-				+										
Sandpaper Vine	<i>Tetracera asiatica</i>	woody vine	native	very common	-					+		+					+		
Melia-leaved Evodia	<i>Tetradium glabrifolium</i>	tree	native	common	-					+		+		+					
Yellow Oleander	<i>Thevetia peruviana</i>	shrub or small tree	exotic	-	-				+										
Tiger-grass	<i>Thysanolaena latifolia</i>	herb	native	common	-					+									
Blue Torenia	<i>Torenia fourmieri</i>	herb	exotic	-	-						+								
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	-					++	+								
Ovate Tylophora	<i>Tylophora ovata</i>	slender woody vine	native	common	-						+				+				
Iron-weed	<i>Vernonia cinerea</i>	herb	native	very common	-					+									
-	<i>Wedelia biflora</i>	perennial herb	native	common	-		+			+									
-	<i>Wedelia trilobata</i>	perennial herb	exotic	common; also widely cultivated	-		+		++	+		+	+++		++	++	+		
Indian Wikstroemia	<i>Wikstroemia indica</i>	shrub	native	common	-						+								
Hawk's Beard	<i>Youngia japonica</i>	herb	native	very common	-					+									
Prickly Ash	<i>Zanthoxylum avicennae</i>	tree	native	common	-						++		++		+				
Shiny-leaved Prickly Ash	<i>Zanthoxylum nitidum</i>	climbing shrub	native	very common	-					+	+		++						
-	<i>Zanthoxylum piperitum</i>	shrub	exotic	-	-					+									
Climbing Prickly Ash	<i>Zanthoxylum scandens</i>	climbing shrub	native	common	-								+		+				
Maize, Indian Corn	<i>Zea mays</i>	herb	exotic	-	-													+	
Plantago-aquatica	<i>Alisma plantago-aquatica</i>	aquatic herb	native	-	-														+
Corn Chrysanthemum	<i>Glebionis coronaria</i>	herb	exotic	-	-														+
Brazilian Dwarf Morning-glory	<i>Evolvulus glomeratus</i>	herb	exotic	-	-														+
Strawberry	<i>Fragaria x ananassa</i>	herb	exotic	-	-														+
Roselle	<i>Hibiscus sabdariffa</i>	herb	exotic	-	-														+
Chinese Chives	<i>Allium tuberosum</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. &amp; 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):696-747International 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 April 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. &amp; 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 due to 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, SL = Shrubland, MWC = Modified Watercourse, VO = Village/Orchard, GL = Grassland, PLT = Plantation, MWL = Mixed Woodland, AGL = Agricultural Land and WC = Watercourse.