

## APPENDIX 5.1- Botanical Surveys

Project: SCL – Hung Hum Stabling Sidings

Table 5.1a Summary of plant species recorded within Study Area at Diamond Hill

Scientific name	Growth form	Status	Project Site (Construction of DIH)	Surrounding Area (Include Urban/ Residential Area around DIH) <sup>1</sup>
<i>Acacia confusa</i>	Tree	Exotic, common, often planted in plantation	***	***
<i>Albizia lebbek</i>	Tree	Exotic, common, often planted	**	
<i>Aleurites moluccana</i>	Tree	Exotic, commonly planted		**
<i>Alocasia odora</i>	Perennial herb	Very common	**	*
<i>Amaranthus viridis</i>	Herb	Very common	**	*
<i>Annona squamosa</i>	Tree	Exotic, commonly planted	*	
<i>Araucaria heterophylla</i>	Tree	Exotic, commonly planted	*	
<i>Archontophoenix alexandrae</i>	Tree palm	Exotic, often planted	*	*
<i>Artemisia indica</i>	Herb	Common	*	
<i>Axonopus compressus</i>	Herb	Exotic, common, also planted	***	*
<i>Bauhinia blakeana</i>	Tree	Common, often planted	**	**
<i>Bauhinia variegata</i>	Tree	Exotic, often planted	**	
<i>Benincasa spp.</i>	Herbaceous vine	Exotic, cultivated		*
<i>Bidens alba</i>	Herb	Exotic, very common	****	**
<i>Bischofia javanica</i>	Tree	Common, usually in <i>fung shui</i> wood, also planted	**	*
<i>Boehmeria nivea</i>	Subshrub/shrub	Exotic, restricted	*	
<i>Bombax ceiba</i>	Tree	Exotic, commonly planted	**	**
<i>Bothriochloa ischaemum</i>	Herb	Common	***	*
<i>Bougainvillea spectabilis</i>	Climber	Exotic, common, often planted	**	**
<i>Bridelia tomentosa</i>	Shrub/small tree	Very common	**	*
<i>Broussonetia papyrifera</i>	Tree	Very common	*	*
<i>Calliandra haematocephala</i>	Shrub	Exotic, common, often planted for ornamental purpose		***

**Table 5.1a Summary of plant species recorded within Study Area at Diamond Hill**

Scientific name	Growth form	Status	Project Site (Construction of DIH)	Surrounding Area (Include Urban/ Residential Area around DIH) <sup>1</sup>
<i>Callicarpa kochiana</i>	Tree	Common	*	
<i>Carica papaya</i>	Tree	Exotic, widely cultivated	**	*
<i>Caryota ochlandra</i>	Tree palm	Exotic, commonly planted	*	
<i>Cassia alata</i>	Shrub	Exotic, often planted	**	
<i>Casuarina equisetifolia</i>	Tree	Exotic, often planted in plantation and along roadside, apparently semi-naturalized in the nature	**	***
<i>Celtis sinensis</i>	Tree	Common, often planted	**	**
<i>Cenchrus echinatus</i>	Herb	Exotic, common	*	
<i>Centella asiatica</i>	Herb	Very common	**	
<i>Chloris barbata</i>	Perennial herb	Very common	**	**
<i>Cinnamomum burmannii</i>	Tree	Common, also widely planted	*	*
<i>Cinnamomum camphora</i>	Tree	Common, also widely planted	**	
<i>Citrus reticulata</i>	Small tree	Exotic, widely cultivated for fruits	*	
<i>Commelina diffusa</i>	Herb	Common	**	
<i>Cordia dichotoma</i>	Tree	Restricted tree species usually found in lowland forest and fung shui woods, also planted	*	*
<i>Crateva unilocularis</i>	Tree	Exotic, planted	*	
<i>Cynodon dactylon</i>	Perennial herb	Common	***	**
<i>Cyperus flabelliformis</i>	Herb	Exotic, often planted, also naturally established	*	
<i>Delonix regia</i>	Tree	Exotic, common and often planted	**	
<i>Dimocarpus longan</i>	Tree	Exotic, restricted species but often found in <i>fung shui</i> wood, widely cultivated and semi-naturalized	***	**

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Scientific name	Growth form	Status	Project Site (Construction of DIH)	Surrounding Area (Include Urban/ Residential Area around DIH) <sup>1</sup>
<i>Duranta erecta</i>	Climbing shrub	Exotic, common and often planted for ornamental purpose	*	**
<i>Eleusine indica</i>	Herb	Very common	**	*
<i>Erythrina variegata</i>	Tree	Exotic, often planted		**
<i>Eucalyptus citriodora</i>	Tree	Exotic, often planted	*	*
<i>Euphorbia hirta</i>	Herb	Exotic, very common	*	*
<i>Euphorbia thymifolia</i>	Herb	Very common	**	
<i>Ficus altissima</i>	Tree	Regarded as "Very Rare" in Xing <i>et al.</i> 2000. Also widely planted	*	
<i>Ficus elastica</i>	Tree	Exotic, common, often planted		*
<i>Ficus hispida</i>	Shrub/small tree	Very common	***	**
<i>Ficus microcarpa</i>	Tree	Common and commonly planted	***	**
<i>Ficus pumila</i>	Climber	Very common	**	
<i>Ficus religiosa</i>	Tree	Exotic, restricted species but widely planted and locally naturalized	**	*
<i>Ficus superba</i> var. <i>japonica</i>	Tree	Common	**	*
<i>Ficus virens</i> var. <i>sublanceolata</i>	Tree	Common	**	
<i>Glochidion zeylanicum</i>	Shrub/Small tree	Common		*
<i>Hibiscus rosa-sinensis</i>	Shrub	Exotic, often planted	**	
<i>Hibiscus tiliaceus</i>	Shrub/Small tree	Very common	**	**
<i>Ilex rotunda</i>	Tree	Exotic, common, also planted		*
<i>Imperata koenigii</i>	Herb	Common	****	**
<i>Ipomoea cairica</i>	Climber/ Twining herb	Exotic, very common	***	***
<i>Ipomoea triloba</i>	Herb	Common	**	**
<i>Kyllinga brevifolia</i>	Herb	Common	*	

**Table 5.1a Summary of plant species recorded within Study Area at Diamond Hill**

Scientific name	Growth form	Status	Project Site (Construction of DIH)	Surrounding Area (Include Urban/ Residential Area around DIH) <sup>1</sup>
<i>Kyllinga monocephala</i>	Herb	Very common	**	**
<i>Lagerstroemia speciosa</i>	Tree	Exotic, often planted		**
<i>Lantana camara</i>	Shrub	Exotic, very common	**	*
<i>Leucaena leucocephala</i>	Small tree	Exotic, locally common, planted or naturalized in disturbed area	**	***
<i>Ligustrum sinense</i>	Shrub/Small tree	Common, also planted	**	
<i>Litsea glutinosa</i>	Tree	Very common	*	
<i>Livistona chinensis</i>	Tree palm	Exotic, common	**	**
<i>Macaranga tanarius</i>	Tree	Common, often widely planted	***	**
<i>Magnolia grandiflora</i>	Tree	Exotic, often planted		*
<i>Malvastrum coromandelianum</i>	Shrub	Common	*	
<i>Melaleuca quinquenervia</i>	Tree	Exotic, often planted		**
<i>Melia azedarach</i>	Tree	Exotic, commonly planted	**	**
<i>Melicope pteleifolia</i>	Shrub/small tree	Common	*	
<i>Mikania micrantha</i>	Climbing herb	Exotic, very common	**	
<i>Mimosa pudica</i>	Herb	Exotic, very common	**	*
<i>Monstera deliciosa</i>	Climbing shrub	Exotic, often planted	*	
<i>Morus alba</i>	Tree	Common, semi-naturalized in HK	*	*
<i>Musa x paradisiaca</i>	Herb	Exotic, common, often cultivated for fruits	*	
<i>Nephrolepis auriculata</i>	Herb	Common		*
<i>Oxalis corniculata</i>	Perennial herb	Very common	*	*
<i>Oxalis corymbosa</i>	Herb	Exotic, common	**	
<i>Paederia scandens</i>	Climber	Very common	**	**
<i>Panicum maximum</i>	Herb	Exotic, very common	****	**
<i>Paspalum conjugatum</i>	Herb	Exotic, common	***	
<i>Peltophorum pterocarpum</i>	Tree	Exotic, often planted		*
<i>Phoenix roebelenii</i>	Tree palm	Exotic, often planted		*
<i>Phyllanthus urinaria</i>	Herb	Common	*	*

**Table 5.1a Summary of plant species recorded within Study Area at Diamond Hill**

Scientific name	Growth form	Status	Project Site (Construction of DIH)	Surrounding Area (Include Urban/ Residential Area around DIH) <sup>1</sup>
<i>Plumeria rubra</i>	Tree	Exotic, often planted	*	**
<i>Portulaca oleracea</i>	Herb	Very common	*	
<i>Podocarpus macrophyllus</i>	Tree	Restricted, often planted		*
<i>Psidium guajava</i>	Tree	Exotic, common, often planted	*	
<i>Pueraria lobata</i>	Climber	Very common	**	**
<i>Rhynchelytrum repens</i>	Herb	Exotic, very common	***	**
<i>Schefflera arboricola</i>	Climbing shrub	Exotic, often planted	*	*
<i>Schefflera heptaphylla</i>	Tree	Very common	**	
<i>Scoparia dulcis</i>	Herb	Exotic, common	*	
<i>Solanum nigrum</i>	Herb	Common	*	*
<i>Solanum torvum</i>	Shrub	Common	*	
<i>Sonchus oleraceus</i>	Herb	Exotic, very common	*	
<i>Sporobolus fertilis</i>	Perennial herb	Very common	**	
<i>Sterculia nobilis</i>	Tree	Exotic, often planted	*	
<i>Syzygium jambos</i>	Tree	Exotic, common, in <i>Fung Shui</i> wood, also planted	**	
<i>Terminalia catappa</i>	Tree	Exotic, regarded as Rare in Xing <i>et al.</i> (2000), but widely cultivated	*	
<i>Thevetia peruviana</i>	Shrub/small tree	Exotic, widely planted	**	
<i>Tridax procumbens</i>	Herb	Exotic, very common	*	*
<i>Urena lobata</i>	Herb/shrub	Common	*	*
<i>Vernicia montana</i>	Tree	Exotic, planted	*	*
<i>Vernonia cinerea</i>	Herb	Very common	*	
<i>Wedelia trilobata</i>	Perennial herb	Exotic, common, widely planted	***	***
<i>Youngia japonica</i>	Herb	Very common	*	*
		<b>Total</b>	<b>99</b>	<b>69</b>

Notes:

1 - The surveyed surrounding area only include the vicinity area with potential direct impacts from the proposed development.

**Table 5.1a Summary of plant species recorded within Study Area at Diamond Hill**

Scientific name	Growth form	Status	Project Site (Construction of DIH)	Surrounding Area (Include Urban/ Residential Area around DIH) <sup>1</sup>
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Relative abundance: "\*" - Low; "\*" - Common; "\*\*\*\*" - Abundant; "\*\*\*\*\*" - Very abundant

Reference:

Xing, F.W., Ng, S.C., Chau, K.C., 2000. Gymnosperms and Angiosperms of Hong Kong. *Memoirs of the Hong Kong Natural History Society* 23: 21-135.

**Table 5.1b Summary of plant species recorded within Study Area at Kai Tak**

Scientific name	Growth form	Status	Project Site (Construction of KAT)	Surrounding Area (include Grassland and Urban/Residential Area) <sup>1</sup>
<i>Aleurites moluccana</i>	Tree	Exotic, commonly planted		*
<i>Alternanthera philoxeroides</i>	Perennial herb	Exotic, common	**	**
<i>Amaranthus viridis</i>	Herb	Very common		**
<i>Araucaria heterophylla</i>	Tree	Exotic, commonly planted		*
<i>Bidens alba</i>	Herb	Exotic, very common	***	****
<i>Bischofia polycarpa</i>	Tree	Exotic, often planted		*
<i>Bombax ceiba</i>	Tree	Exotic, commonly planted		**
<i>Bothriochloa bladhii</i>	Herb	Very common	**	
<i>Bothriochloa ischaemum</i>	Herb	Common	***	***
<i>Bougainvillea spectabilis</i>	Climber	Exotic, common, often planted		*
<i>Callistemon viminalis</i>	Tree	Exotic, planted		*
<i>Casuarina equisetifolia</i>	Tree	Exotic, often planted in plantation and along roadside, apparently semi-naturalized in the nature	**	
<i>Celtis sinensis</i>	Tree	Common, often planted		*
<i>Chloris barbata</i>	Perennial herb	Very common	**	**
<i>Chrysalidocarpus lutescens</i>	Shrub palm	Exotic, often planted		*
<i>Cinnamomum camphora</i>	Tree	Common, also widely planted		*
<i>Cordyline fruticosa</i>	Shrub	Exotic, often planted		*
<i>Cynodon dactylon</i>	Perennial herb	Common	***	**
<i>Cyperus haspan</i>	Herb	Common	*	
<i>Delonix regia</i>	Tree	Exotic, common and often planted		*
<i>Eragrostis tenella</i>	Herb	Exotic, very common	*	
<i>Eucalyptus citriodora</i>	Tree	Exotic, often planted		*
<i>Euphorbia thymifolia</i>	Herb	Very common		*
<i>Ficus microcarpa</i>	Tree	Common and commonly planted		**

**Table 5.1b Summary of plant species recorded within Study Area at Kai Tak**

Scientific name	Growth form	Status	Project Site (Construction of KAT)	Surrounding Area (include Grassland and Urban/Residential Area) <sup>1</sup>
<i>Ficus religiosa</i>	Tree	Exotic, restricted species but widely planted and locally naturalized	*	*
<i>Ficus virens</i> var. <i>sublanceolata</i>	Tree	Common		*
<i>Fimbristylis miliacea</i>	Herb	Very common	**	
<i>Fimbristylis thompsonii</i>	Herb	Very common	**	
<i>Lantana camara</i>	Shrub	Exotic, very common	**	*
<i>Leucaena leucocephala</i>	Shrub/small tree	Exotic, locally common, planted or naturalized in disturbed area		***
<i>Macaranga tanarius</i>	Tree	Common, often widely planted	*	*
<i>Miscanthus sinensis</i>	Herb	Very common	***	
<i>Morus alba</i>	Shrub/small tree	Common, semi-naturalized in Hong Kong	*	*
<i>Neyraudia reynaudiana</i>	Herb	Very common	**	***
<i>Panicum maximum</i>	Herb	Exotic, very common	***	***
<i>Paspalum conjugatum</i>	Herb	Exotic, very common	***	
<i>Passiflora foetida</i>	Herbaceous climber	Exotic, very common		*
<i>Pennisetum pupureum</i>	Herb	Exotic, very common	**	
<i>Pycreus polystachyus</i>	Herb	Very common	*	
<i>Rhynchelytrum repens</i>	Herb	Exotic, very common	***	***
<i>Sida acuta</i>	Subshrubby herb	Common	*	
<i>Tridax procumbens</i>	Herb	Exotic, very common	*	
<i>Wedelia trilobata</i>	Perennial herb	Exotic, common, widely planted	***	***
		<b>Total</b>	<b>25</b>	<b>31</b>

Notes:

1 - The surveyed surrounding area only include the vicinity area with potential direct impacts from the proposed development.

Relative abundance: "\*" - Low; "\*\*\*"- Common; "\*\*\*\*" - Abundant; "\*\*\*\*\*" - Very abundant

Reference:

Xing, F.W., Ng, S.C., Chau, K.C., 2000. Gymnosperms and Angiosperms of Hong Kong. *Memoirs of the Hong Kong Natural History Society* 23: 21-135.