



Rotary Park Eco-Learning Brochure

Common Species Introduction



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Sweet Osmanthus



Camping Site

Basic Information

Common Name	Sweet Osmanthus
Scientific Name	<i>Osmanthus fragrans</i>
Chinese Name	桂花
Family	Oleaceae
Native/Exotic	Exotic

Species Description

Growth Form	Shrub, small tree
Features	<ul style="list-style-type: none"> - Opposite simple leaves, leaf blade elliptic-lanceolate; leathery - Margin serrulate on half or entire - Glabrescent - Small white or yellow flowers fasciculate in leaf axils, strongly fragrant
Usage	<ul style="list-style-type: none"> - Ornamental plants - Dried flowers are served in desserts
Ecology	<ul style="list-style-type: none"> - Host plant of Blackvein Sergeant



Chinese Gugertree



Tai Mo Shan Family Walk

Basic Information

Common Name	Chinese Gugertree
Scientific Name	<i>Schima superba</i>
Chinese Name	木荷
Family	Theaceae
Native/Exotic	Native



Species Description

Growth Form	Tree, 5 - 25m
Features	<ul style="list-style-type: none"> - Alternate simple leaves, leaf blade elliptic to oblong-elliptic; leaf shape variabe; leathery - Leaf margin crenate to crenulate-serrate - Trunk has light barks, branches with lenticles - White flowers fasciculate in leaf axils
Usages	- Fire retardant pioneer plant cultivated in firebreaks
Ecology	<ul style="list-style-type: none"> - Host plant of <i>Euthalia niepelti</i> - Flowering in Summer, nectar source of insects



Rusty-haired Raspberry



Tai Mo Shan Family Walk



Basic Information

Common Name	Rusty-haired Raspberry
Scientific Name	<i>Rubus reflexus</i>
Chinese Name	蛇泡筋、鏽毛莓
Family	Rosaceae
Native/Exotic	Native

Species Description

Growth Form	Scandent shrub
Features	<ul style="list-style-type: none"> - Alternate simple leaves; leaf blade ovate to suborbicular - Margin palmatifid - Long hairs along veins - White flowers; peduncles and pedicels densely rusty tomentose - Aggregate fruits ovoid, dark red berry-like
Usage	- Used in Chinese medicine
Ecology	<ul style="list-style-type: none"> - Host plant of Broad Spark and Magpie Flat - Fruiting in Spring, attractive to birds



Turn-in-the-Wind



Tai Mo Shan Family Walk

Basic Information

Common Name	Turn-in-the-wind
Scientific Name	<i>Mallotus paniculatas</i>
Chinese Name	白楸
Family	Euphorbiaceae
Native/Exotic	Native



Species Description

Growth Form	Tree, 3-15m
Features	<ul style="list-style-type: none"> - Alternate simple leaves; leaf blade ovate, ovate-triangular or rhombic, leaf margin entire or undulate - Tomentose foud on young leaves, glabrous in age - Two glands present at leaf base; grey-yellow or white in colour on the under side - Capsule oblate with soft spines
Ecology	<ul style="list-style-type: none"> - Sugary secretion from glands attracts ants, and form symbiosis with them in exchange for protection - Fruiting in Winter, food source for migratory birds



Many-nerved Machilus



Tai Mo Shan Family Walk

Basic Information

Chinese Name Many-nerved Machilus

Scientific Name *Machilus pauhoi*

Common Name 刨花潤楠

Family Lauraceae

Native/Exotic Native



Species Description

Growth Form Tree, 6.5 - 20m

Features

- Alternate simple leaves; leaf blade elliptic to narrowly elliptic; leathery; fasciculate in brachet tips
- Apex acuminate or caudate-acuminate
- Apical bud orbicular to ovate, gradually takes shape like bamboo shoots; scale of apical bud covered with short hairs

Usage

- Wood material for construction and furniture
- Slices add into lime water to obtain a mucus for whitewashing walls
- Can be manufactured as oil for hair fixture or hair care

Ecology

- Dominant species of HK lowland secondary forests, fruits are popular among birds



Taiwan Cherry



攝影:金鈴



攝影:金鈴



Beside Kiosk

Basic Information

Common Name	Taiwan Cherry
Scientific Name	<i>Prunus campanulata</i>
Chinese Name	緋寒櫻
Family	Rosaceae
Native/Exotic	Exotic

Species Description

Growth Form	Deciduous tree, 3 - 10m
Features	<ul style="list-style-type: none"> - Stem straight, smooth bark - Alternate simple leaves, leaf blade ovate to oblong - Margin serrated - Flowering in late Winter to early Spring, 3-5 rose-red flowers clustered, pendulous - Leafless when flowering, flowering all over branches
Usage	- Ornamental plants
Ecology	- One of the few flowering plants in winter, provide nectar source to insects and birds



Cinereous Tit



 Within Rotary Park

Basic Information

Common Name	Cinereous Tit
Scientific Name	<i>Parus cinereus</i>
Chinese Name	蒼背山雀、大山雀
Family	Paridae
Native/Exotic	Native
Conservation Status	Protected by Wild Animals Protection Ordinance (Cap.170)

Species Description

Features

- Head black, with a white cheek pat
- Gray back, with black central line extending from throat to lower belly
- Wings in black, with white wingbar
- Sing varies greatly, such as small chatters or a three noted 'swee-chee-ti'

Ecology

- Common resident bird, active in forest, sometimes can be found in urban parks
- Mainly feed on insects and fruits, sometimes consume seeds



Large-billed Crow



Within Rotary Park

Basic Information

Common Name	Large-billed Crow
Scientific Name	<i>Corvus macrorhynchos</i>
Chinese Name	大嘴烏鴉
Family	Corvidae
Native/Exotic	Native
Conservation Status	Protected by Wild Animals Protection Ordinance (Cap. 170)



Species Description

Features

- Large-size bird
- Entirely black, including the bill and claws
- Long, daggerlike bill with curved top
- Call describes as loud 'ah--ah--'

Ecology

- Common resident birds, usually appear as individual or in a pair in urban parks or forests
- Omnivorous, diet ranges from insects, rotten flesh, seeds and debris to small size nestlings and frogs; thus high adaptability



Red-based Jezebel

 Within Rotary Park



Basic Information

Common Name	Red-based Jezebel
Scientific Name	<i>Delias pasithoe pasithoe</i>
Chinese Name	報喜斑粉蝶
Family	Pieridae
Native/Exotic	Native

Species Description

Features

- Wings in black, white and yellow colour; red at the base
- Slow flying speed
- Wingspan around 60-70cm

Ecology

- Larvae host on *Dendrotrophe varians* and Sweet Viburnum
- Larvae exhibit gregarious behaviour to increase chances of survival



Pyrenula



Within Rotary Park



Basic Information

Common Name	Pyrenula
Scientific Name	<i>Pyrenula sp.</i>
Chinese Name	小核衣
Family	Pyrenulaceae
Native/Exotic	Native

Species Description

Features

- Gray and white in colour, surface smooth and waxy
- Semicircular ascocarp, with coarse surface in dark gray colour; comprised of algae and cyanobacteria
- Black line along periphery

Ecology

- Attach and grow on tree trunks
- Lichen is comprised of mutualistic algae and cyanobacteria, where algae provides food via photosynthesis and cyanobacteria provide shelter and anchorage
- Bioindicator of air pollution: pollutants are absorbed into the lichen when water diffuses from air, hindering its growth