


ANNEX

Heritage Trees Dedication for Clean and Green Singapore 2015

The list of organisations and their trees are listed in the table below.

Organisation	Tree
<p>City Developments Limited</p> <p>(contribution of SGD\$2 million, in cash and in kind, for the CDL Green Gallery @ SBG Heritage Museum)</p> <p>Developed and donated in-kind by CDL, the 314 sqm CDL Green Gallery is an eco-friendly building sited on Holttum Lawn. It is conceptualised as an extension of the Heritage Museum, and will feature botanical- or greening-related exhibits that will be changed every six to nine months. Together, the Gallery and Museum will support the Singapore Botanic Gardens' bid to become Singapore's first UNESCO World Heritage Site. The Gallery is Singapore's first zero energy Green Gallery, and has been rated Green Mark Platinum – the highest tier of green buildings in Singapore – by the Building and Construction Authority. It features extensive use of eco-friendly designs materials such as photovoltaic cladded roof panels that are expected to generate over 31,000 kWh of energy a year, above its estimated energy consumption.</p>	 <p>Common name: Mengkulang</p> <p>Scientific name: <i>Heritiera elata</i></p> <p>Location: Lawn O, Singapore Botanic Gardens, near the CDL Green Gallery in the Tanglin core</p> <p>Girth: 3m</p> <p>Height: 35m</p> <p>This species was described as new to science in 1908 from material obtained from this tree. Henry Ridley, the first Director of the Gardens, had this to say when he described the species: "There are two or three of these fine trees in the Gardens' Jungle. The finest is a conspicuous object by the plant sheds." Besides being probably older than the Gardens and the first plant of its kind known to science, the Tree itself has a unique growth habit. The entire trunk of the Tree is made up of vertically folded plates, which are a unique feature of this species.</p> <p>The Mengkulang is endangered in Singapore, growing wild only in the vicinity of the Bukit Timah Nature Reserve.</p>

Sembcorp

(contribution of SGD\$1 million for the Sembcorp Forest of Giants)

Sembcorp Industries donated SGD\$1 million to the Garden City Fund to set up a living gallery of giant tree species which are threatened in the region, and fund green educational programmes to benefit the community. The Sembcorp Forest of Giants collection comprises over 600 trees that originally dominated our regional landscape before the advent of urbanisation.



Common name: Kedawong

Scientific name: *Parkia timoriana*

Location: Lawn W, beside Symphony Stage, Singapore Botanic Gardens

Girth: 2.8m

Height: 40m

The Kedawong is a large forest tree growing up to 50 metres tall and is found from Northeast India to Java. It has a stout smooth trunk with large buttresses supporting an umbrella-shaped crown. The compound leaves are feather-like with small narrow leaflets and its intriguing flowers are closely set on a round head with a long stalk, which develop into longish fruit pods

This Heritage Tree can be seen in old images of the Singapore Botanic Gardens even before the existing Symphony Stage was constructed.

Singapore Press Holdings Limited

(contribution of SGD\$1.2 million for the SPH Walk of Giants)

The SPH Walk of Giants is an elevated boardwalk in the forest which will showcase a collection of "giant" trees – most of which, in time, can grow up to at least 60m in height. It is one of several thematic walks planned for the Tyersall Learning Forest in the Singapore Botanic Gardens.



Common name: Purple Millettia

Scientific name: *Callerya atropurpurea*

Location: Behind Swan Lake, Singapore Botanic Gardens

Girth: 4.5m

Height: 35m

The Purple Millettia Heritage Tree was planted in 1889, when the lawn adjacent to Swan Lake was developed for a collection of plants from the bean family.

Native to this region, the Purple Millettia is a handsome, evergreen tree which can grow up to 30m height. It has a dense, dome-like crown and its dark glossy leaves give it a dark appearance. Its flowers are reddish purple. Pods are hard, brown, leathery, thick and flat, around 10x 6cm in size, with 1-2 seeds in a pod.