







沙田官立中學
校園植物知多少

南洋杉

Araucaria heterophylla

Chinese Name :	南洋杉	
English name:	Norfolk Island pine	
Family:	Araucariaceae	
Scientific name:	<i>Araucaria heterophylla</i>	
Morphology / Features:	A handsome evergreen coniferous tree to 70 metres high, the main branches horizontal in regular whorls. Young trees markedly symmetrical, older trees in Hong Kong asymmetrical due to repeated typhoon damage.	
Bark:	Its bark is rough and either greyish-brown or dull grey. The trunk, bearing horizontal bands on the bark	
Leaves:	Leaves alternate, simple; on young shoots stiff, spreading, to 1.5 x 0.2 cm; on older and fertile shoots triangular, incurved and overlapping, to 0.7 cm x 0.4 cm.	
Flowers:	Male and female cones are usually borne on different trees but sometimes on separate branches of the same tree. Male cones at the ends of branches single or clustered, 3.5 cm – 5 cm x 1 cm - 2 cm, at first yellow then brown, with numerous stiff papery pollen sacs. Female cones more or less spherical, 10 - 12 cm across, with numerous woody overlapping scales which break up when the seeds are ripe, a process which takes two to three years.	
Seed:	Seeds with well-developed wings and the adherent scales each with a flat triangular incurved spine.	

Reference:

Hong Kong Trees Omnibus Volume, Dr. S.L. Thrower, An Urban Council Publication. 1990.