TREES IN THE CATHEDRAL GARDENS

By Jayantha Jayewardene

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he Anglican Cathedral of Christ the Living Savior is located on Beulahholaka Mawatha which was once Bulwer’s Road. When I was a schoolboy the land on which the cathedral now stands was the yard of Sicosiran and Co, a French firm that was working on the Greater Colombo Water project. There was a golf link adjacent to this yard which is where the Bandaranaike Memorial International Conference Hall (BMICH) now stands. The golf club which was there does not exist anymore and the golf links have been built on. The cathedral stands on a land area of a little over 10 acres. It was consecrated on the 7th of November 1973.

Many species of trees have been planted in the cathedral gardens. They have been planted in sections. The sections are (a) flowering trees on the BMICH side continuous to side of the front entrance (b) medicinal sides of the front lawn and on either sections are (c) flowering trees on the 7th of November 1973. Many species of trees have been planted in the cathedral gardens. They have been planted in sections. The sections are (a) flowering trees on the BMICH side continuous to side of the front entrance (b) medicinal sides of the front lawn and on either

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9. Diya na (Mesua thwaitesii): this tree is endemic to Sri Lanka. In the most recent revision Diya na is named Mesua thwaitesii and na as Mesua ferrea. The stem of the tree is separated by protruding vertical streaks. The tree here is 15 feet tall. All the parts of this tree are used for medicinal purposes.

10. Wewarana (Alseodaphne saccarafolia): Tamil Kanagappanadu: it is a tree endemic to the Western Ghats and Sri Lanka. This tree is 20 feet tall. It is a species which is under threat in the wild mainly due to habitat loss. It is found mostly in the Badulla area. Wewarana is also called ‘na’ because the timber has a wavy grain look to it. It resembles a lady’s hair.

11. Helamba (Mitragyna parvifolia): this species is native to India and Sri Lanka. It is used in native medicine and also for its fine timber. The juice of the fruit augments breast milk in lactating mothers. Many places in the dry zone are named helamba (Ex Helambewa, Helampingween, Helamba watta etc). This indicates that the tree is a part of village life.

12. Lychee (Litchi chinensis): Tamil: Ulakkaippaalai. There are two trees in the compound. The fruit is an intoxicant. It is found mostly in the Badulla area. It is used in native medicine and herbal preparations. The seed is used as an ink to mark fake sandalwood powder.

13. Ceylon iron wood (Manikara hexandra): Sinhala: Palu. Tamil: Kala. This tree is 20 feet tall. The fruit is sour and astringent in taste, with sweet, bitter and pungent secondary tastes. It has a very high concentration of vitamin C.

14. Spanish cherry - (Mimusops elengi): Sinhala: Moonamal. Tamil: Magzhgam Manam. There are two trees in the cathedral gardens, each about 20 feet tall. Moonamal is used in medicine and also as an ornamental flowering tree. The fruit is edible and is used in traditional medicine. Its timber is valuable. The tree gives a lot of shade and the flowers are fragrant.

15. Analu (Terminalia chebula): Tamil: Kadukka. The tree in the gardens is 40 feet tall. It is a deciduous tree in that its leaves fall off annually. The fruit is used as the main ingredient in the ayurvedic formulation of triphala, which is used for kidney and liver dysfunctions. Dibbons (saunderies) use this stain as an ink to mark clothes.

16. Bula (Terminalia bellirica): Tamil: Thandri. The tree is 60 feet tall. The fruit, seed and stem are used for medicinal purposes. This wood is used in heavy construction. The nuts of the tree are rounded but have five flatter sides.

17. Nelli / Medicinal Nelli (Phyllanthus emblica): the gardens have one tree which is 15 feet tall. All parts of the plant including the fruit, seed, leaves, root, bark and flowers are used in various ayurvedic medicines and herbal preparations. The fruit is sour and astringent in taste. It’s used to treat vaginal discharge.

18. Gammalu (Pterocarpus marsupium): Tamil: Acaan. Acaanam. There is one tree in the gardens which is 45 feet tall. The whole gammalu tree is used for medicinal purposes. The resin obtained from wounds in the bark is astringent and is used to make bitter tea. It is used in the treatment of chronic diarrhoea and the irritation caused by gastric infection and colitis. Although it has an unpleasant flavor, it makes a good mouthwash and gargle. It is commonly used in cases of toothache and also as a douche to treat vaginal discharge.

The resin is applied topically in the treatment of skin conditions. The bark is used, either as a powder or in a decoction, in the treatment of diarrhoea. A decoction of the bark is very useful for diabetic patients.

The heartwood is considered to be antihelmintic, anti-inflammatory, antioxidiant and astringent. It is used to treat a range of complaints. Gammalu is related to Red Sandalwood and it is used to make fake sandalwood powder.

19. Milla (Vitex pinnata): Tamil Nadu. There are two trees in the compound. This wood is very popular for the construction of doors and window frames. Various parts of the tree are used for medicinal purposes. Milla timber beams cannot be used as horizontal beams because of its structural strength. It is resistant to termite attacks and decay and is used for fence posts etc. where exposure to the sun and rain and contact with the soil is inevitable.

20. Kota-kola (Bridelia retusa): Tamil Mulai-Vengai. Adamaralu. The wood of this tree was used for door and window frames. The unrestricted use of this tree has now made it rare in the wild. People in days gone by made logs from this tree for use as fence posts since the logs are termite resistant.

21. Ebony (Diospyros ebenum): Sinhala: Kaluwara. This tree was earlier this tree was confused with Zeypus jubae. It is an evergreen shrub or small tree, which grows up to 15 meters in height with many drooping branches. The fruit is of variable shape and size. In the past this tree had formed an arch under which newly married couples had posed for photographs.

22. Kalu habaraliya (Diospyros heptacarpa): also known as black ebony, there is one tree which is 20 feet tall. Kalu habaraliya, which belongs to the calamander and ebony family, branches off at a low level. The fruit is edible when ripe. It is said to be a food consumed during times of famine in southern India. The wood is closely-grained, very hard, dense and durable and heavy, but is liable to split.

23. Masang (Zizyphus mauritiana): earlier this tree was confused with Zeypus jubae. It is an evergreen shrub or small tree, which grows up to 15 meters in height with many drooping branches. The fruit is black and round.

Kalu Habaraliya - Diospyros formosa
Masaang - Zizyphus mauritiana
24. Dawata (Carallia brachiata):
Tamil: Antimiriyam. This tree has grown at an angle seeking sunlight because of the shade which has covered it. The juice from the macerated leaves is used in the treatment of fevers. The pulverized bark is rubbed on the body in the treatment of smallpox. The leaves and bark are used in local medicine to treat septic poisoning and itch.

25. Goraka (Garcinia gummi-gutta):
This tree has been broken by a falling branch from the Wal dhel tree (see below). Goraka is used as a food preservative. The fruit, bark, root and leaf extracts of Garcinia gummi-gutta are considered suitable for treating several ailments such as gastrointestinal disorders, rheumatism, obesity, uterine diseases, arthritis, dizziness, ulcers and indigestion. Garcinia gummi-gutta rinds can be blended together with cardamom and sugar and consumed as a soft drink.

26. Wal dhel (Artocarpus nobilis):
It is endemic to the south western regions of Sri Lanka. Local people call it “wal dhel”, “baedi dhel” or “hingala dhel”. This tree has been in the gardens from the time the land was a Socoman Co. yard. It now grows in the middle of the wall that separates the cathedral grounds and the BMICH. The fruit of the wal dhel is edible. It is used in medicine. It is a good timber.

27. Honda para (Dillenia indica):
Commonly known as elephant apple. The fruits can be rubbed in water to make soap and the pulp is used as a substitute for shampoo for washing hair. The juice of the leaf is applied to the scalp to prevent baldness. The dried leaves are used to polish ivory. The wood ash is added to clay bricks to increase their fire resistance. The light brown sapwood is slightly soft. The wood which is moderately hard and has durability under water for around three years, is sometimes used for house-building or gunstocks.

28. Mee (Madhuca longifolia):
Tamil: Iluppai. There are two trees in these gardens. Medicinal oil is extracted from the seeds. It is cultivated in warm and humid regions for its oleaginous seeds, flowers and wood. The fat (solid at ambient temperature) is used for the care of the skin, to manufacture soap or detergents, and as a vegetable butter. It can also be used as a fuel oil. The left over from the seed after extraction of oil constitutes a very good fertilizer. In India, the flowers are used to produce an alcoholic drink. Several parts of the tree, including the bark, are used for their medicinal properties.

29. Dik keluna / Kekuna (Canarium zeylanicum):
This is a species of flowering plant which is endemic to Sri Lanka. The tree is harvested from the wild for its gum-resin and edible seed, both of which are used locally. One tree is about 30 feet tall.

30. Beraliya (Shorea cordifolia):
There is one tree in the gardens which is 40 feet tall. Beraliya is endemic to Sri Lanka. This tree blooms once every four years. Pittu, a Sinhalese food, is made out of the young fruit.

31. Beraliya dun (Shorea zeylanica):
This species is endemic to Sri Lanka. At a height of 80 feet, it is one of the tallest trees in the garden. It is as tall as a coconut tree growing nearby. In earlier times, it was commonly found in the Sinharaja forests. The bole is straight and cylindrical. It is harvested from the wild for its timber and a resin that exudes from the trunk. It is used for making plywood. This tree has been classified as ‘critically endangered’ in the IUCN Red List of Threatened Species (2009).

32. Kohomba (Azadirachta indica):
The whole tree is used in medicine. A non-drying oil extracted from the seed called marigusa oil has insecticidal properties. The oil has long been produced in Asia on an industrial scale for soaps, cosmetics, pharmaceuticals and other non-edible products. The wood is used to make wardrobes, bookcases and closets, as well as packing cases because of its quality as an insect repellent.

33. Ruk attana (Alstonia scholaris):
The whole tree is used for medicinal purposes. The wood is very light and is used for light construction, ceilings, pattern making, plywood, carving and moldings. In Sri Lanka, this wood is also used to make coffins.
34. Ruk (Horsfieldia iryaghedhi): this tree is endemic and critically endangered. The flowers and bark of this tree are used for medicinal purposes. The flowers are also used as offerings in temples. The flowers, especially of the male form, are extremely fragrant. The male flowers have the scent of sandalwood. The wood is white to light yellow with red streaks. It is moderately heavy and even-grained. It is used locally for making boats.

35. Domba (Calophyllum inophyllum): the whole plant is used in medicine. The wood is used for cart building. The oil, extracted from the seed, can heal wounds. This is why it is used in traditional and modern medicine for a wide range of skin problems. The oil has also shown anti-inflammatory antifungal, antibacterial and insecticidal activity.

36. Gan sooriya (Thespesia populnea): the whole plant is used in medicine. The wood is used for making gun stocks. This tree is valuable as a coastal windbreak because it is highly resistant to wind and salt spray and grows well in sandy, saline soils. Young leaves, raw or cooked, is eaten as a vegetable. The leaves can also be boiled or added to soups. The leaves are also used for wrapping food.

37. Madu (Cycas circinalis): the raw seed is poisonous, but after it is cut into thin slices, dried, then steeped in water for a few minutes and dried again, it becomes edible. It can be used as sago. The use of the seed as food cannot be recommended because of toxicity. The very young leaves are edible.

38. Sandalwood (Santalum album): Sinhala Suduhandun. The wood is heavy, yellow fine-grained and, unlike many other aromatic woods, they retain their fragrance for decades. Sandalwood oil is extracted from the wood and is commonly used as a fragrance in incense, cosmetics, perfumes, and soaps. Used for carvings; the wood is valued because of its dense character. About one year ago a 20 foot tall sandalwood tree, about 11/2 in girth, was cut and taken away by unknown persons from the cathedral gardens. About one year ago a 20 foot tall sandalwood tree, about 11/2 in girth, was cut and taken away by unknown persons from the cathedral gardens.

39. Velvet apple (Diospyros discolor): this tree has an edible fruit and a skin covered in a fine, velvety fur, which is usually reddish-brown. The fruit is soft, creamy, has pink flesh, with a taste and aroma comparable to fruit cream cheese. It is native to the Philippines. There is one tree in the cathedral gardens; it seems to be rare in Sri Lanka.

40. Divi kaduru (Pagiantha dichotoma): the nut of this tree is poisonous but the leaves and bark of the plant are used in indigenous medicine to treat wounds, eye infections, toothache, tetanus, snake bite and centipede bites.

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Pix by Sudath Abeyasinghe
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Suduhandun - Santalum album
Velvet apple - Diospyros discolor
Divi kaduru - Pagiantha dichotoma