

(55)

EAST COAST RAILWAY

Office of the
Chief Engineer,
Eastern Annexe Bldg, Chandrasekharpur,
Bhubaneswar-751023.

CE'S CIRCULAR NO. 15

Sub: Selection of species of trees for plantation in
Railway Colonies and Stations.

It has been the experience that due care and application of mind is not going in for selection of suitable species of trees/plants for plantation in Railway colonies and stations. Only limited varieties of trees like Asoka/ Drooping Deodar etc. are getting proliferated.

Suitable trees for the purpose of plantation on Railway can be categorized into the following 5 categories:-

- (i) Flowering Trees
- (ii) Ornamental Foliage Trees
- (iii) Shade Trees
- (iv) Flowering Shrubs
- (v) Fruit bearing trees

A list of various species of trees falling under each of above categories with their botanical name, common name, avg. height, flowering period, colour of flower and other characteristics is enclosed. It is important that officers and field supervisors refer to this for location-specific selection of the appropriate species of trees while planning plantation on Railway Colonies and Stations.

Enc: One list.


29.3.05
(K. Gangopadhyay)
Chief Engineer.

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Distribution:-

1. CBE, CTE, CGE (THODs)
2. DRMs/KUR, WAT & SBP
3. Dy.CE/TP/TR/BR/GEN/PROJ.
4. Sr.DENs (Co-ord)/KUR/WAT & SBP.
5. Secy. to GM – for GM's kind information.

APPENDIX-I. FLOWERING SHRUBS AND THEIR IMPORTANT CHARACTERISTICS

Key = A = Several Flushes in a year ; AU = Autumn ; H = Hot season ; R = Rainy season Sp = Spring ; W = Winter.

S/N.	Botanical Name	Common Name	Flower colour	Time of Flowering	Common Methods of propagation	Other information
1	2	3	4	5	6	7
20. i)	Mussaenda frendesa	Paperchase Tree	Yellow	R	Cuttings.	An ornamental shrub. spreading habit.
ii)	Mussaenda lutella	Dhobi Plant	White Yellow	H	- do -	Small to medium shrub
iii)	Mussaenda Macrophylla		White, Yellow, Crimson.	R	- do -	-do-
iv)	Mussaenda Phillipodiaea		White, deep rose-red.	R	- do -	-do-
21.	Murray elongata	Kamini	White	H/R	Seeds, Layering.	Well shaped large shrub with dark green leaves. Flowers highly scented.
22.	Myrtus communis	Vilayati Mehendi,	White	W	Seeds, Layers, Cuttings.	Leaves lanceolate, with polished surface.
23.	Nyctanthus arbortristis	Sefalika Harisingar.	White	AU W	Seeds, Cutting.	Tall bushy shrub with drooping branches. Flowers open at night start falling in the morning

APPENDIX-1. FLOWERING SHRUBS AND THEIR IMPORTANT CHARACTERISTICS

ANNEXURE 'D'

Key = A = Several Flushes in a year ; AU = Autumn ; H = Hot season ; R = Rainy season Sp = Spring ; W = Winter.

S/N.	Botanical Name	Common Name	Flower colour	Time of Flowering	Common Method of propagation	Other information
1	2	3	4	5	6	7
16.	Hamelia patens	Scarlet Bush	Orange Red	H/R	Seeds & Cuttings.	Handsome perpetual flowering shrub, grows well in same shade.
17. i)	Hibiscus mutabilis	Ground Lotus (Sthal Padme)	Variable white to Deep Pink.	AU	Cuttings & Layers.	Tall shrub with few erect branches. Leaves cordate & angled and toothed.
ii)	Hibiscus rosasinensis	Chinese Rose (Jaba)	Rose-pink, orange, white, yellow, etc.	H/R	- do -	Flower colour most attractive. Varieties with single flowers have wide range of colour.
18. i)	Ixora arborea	Rangan	White	H/R	- do -	Very popular & effective flowering shrubs. Evergreen bushy plants.
ii)	Ixora Chinensis	"	Pink	"	Layers	"
iii)	Ixoracoccinea	Scarlet Ixora, scarlet flame tree wood	scarlet	- do -	Cutting, Layers.	"
iv)	Ixora fulgens	Rangan	Orange-Scarlet	H/R	Layers.	"
v)	Ixora singaporensis	"	"	- do -	Cuttings, Layers.	One of the finest Ixoras in cultivation.
19. i)	Jasminum auriculatum	Yellow Jasmine	Bright-Yellow	H	Cuttings, Layers.	A hardy scandent shrub of vigorous growth.
ii)	Jasminum grandiflorum	Juin	White	H/R	- do -	
iii)	Jasminum pubescens	Kund	- do -	"	- do -	An Evergreen scandent shrub.
iv)	Jasminum sambac	Mogra-Moli (Bela)	White	"	- do -	A bushy shrub. Sweetly scented.

APPENDIX-I. FLOWERING SHRUBS AND THEIR IMPORTANT CHARACTERISTICS

Key = A = Several Flushes in a year ; AU = Autumn ; H = Hot season ; R = Rainy season Sp = Spring ; W = Winter.

S/N.	Botanical Name	Common Name	Flower colour	Time of Flowering	Common Methods of propagation	Other information
1	2	3	4	5	6	7
7. i)	Calliandra brevipes		Bright Pink	W	Seeds, Cuttings & Layerings.	Both flowers & foliage attractive.
ii)	Calliandra haematocephala		Scarlet, like powder puff	AU	Seeds, Cuttings.	Evergreen shrub.
8.	Camellia japonica	Japanese Rose	Varying from White to Crimson	W	Seeds, Cuttings, Layers, buds.	Evergreen shrub of high altitudes.
9.	Calliandra sp. spinosa	Prickly Apple, Lily Thorn, Spanish Guava	Creamy white, tinged with red.	H R	Layers, cuttings	Thorny shrub.
10. i)	Cestrum diurnum	Day Queen, Day Jasmine	White	H R	Seeds, Cuttings	
ii)	Cestrum nocturnum	Night Queen, Lady of the night, Hasna hana	Creamy White	H	Cuttings	Flowers with heavy fragrance.
11. i)	Clerodendron fragrans		Rose	H/R	Cuttings.	Highly scented
ii)	Clerodendron indicum		White	H/R	- do -	
iii)	Clerodendron squamatum		Deep Scarlet	H	Seeds.	Large dark green leaves
iv)	Clerodendron ugandense		Blue	Sp	Cuttings.	
12.	Crossandra	Crossandra	Orange Salmon.	H/AU.	Cuttings.	Small and Evergreen.
13.	Euphorbia pulcherrima	Poinsettia, Christmas Flower	Scarlet with Crimson-red bracts	W	- do -	Leaf like colourful bracts main attraction.
14.	Galphimia gracilis		Golden	AU	Seeds.	Hardy and Evergreen.
15.	Guttaria insignis (Myrtaceae)		Cup shaped Pink flowers	H/R	Layering	A rare shrub, slow growing but produces many showy flowers.

APPENDIX-1. FLOWERING SHRUBS AND THEIR IMPORTANT CHARACTERISTICS

ANNEXURE 'D'

Key = A = Several flushes in a year ; AU = Autumn ; H = Hot season ; R = Rainy season ; S = Spring ; W = Winter.

S/N.	Botanical Name	Common Name	Flower colour	Time of Flowering	Common Methods of propagation	Other Information
1	2	3	4	5	6	7
1.	<i>Acalypha hispida</i>	Red-Hot Cat-Tail	Deep red	AU	Cuttings, seeds	Flower form unusual and attractive.
2. i)	<i>Allamanda cathartica</i>		Bright Yellow	H	Cuttings,	Large flowers
ii)	<i>Var nobilis</i>		Yellow	R	- do -	
iii)	<i>Allamanda nerifolia</i>		Yellow with orange streaks.	H	- do -	An evergreen hereby shrub or climber.
3. i)	<i>Bauhinia acuminata</i>	Kachnar, Kanchan.	Snow white	H	Seeds, cuttings	Leaf form characteristics, quick flowering.
ii)	<i>Bauhinia galpinii</i>	Galpin's Bauhinia	Brick-red, Crimson,	R	- do -	Fairly slow growing.
iii)	<i>Bauhinia tomentosa</i>		Sulphur-Yello	AU	- do -	Deciduous handsome.
4. i)	<i>Beloperone guttata</i>	Shyim Plant	Rose, Purple, Bract-Salmon Red	AU	Cuttings	Attractively colourful bracts.
ii)	<i>B. Oblungata</i>				- do -	
5. i)	<i>Bougainvillea buttiana</i>		Off white, orange, pink, scarlet crimson & purple in different varieties.	AU	Cuttings & Layers.	Actually creeper, can be trained as shrubs by cutting
ii)	<i>Bougainvillea glabra</i>		Red, Brick-red Pale-Mauve.	AU	- do -	-do-
iii)	<i>Bougainvillea Peruviana</i>		"	AU	- do -	-do-
iv)	<i>Bougainvillea Spectabilis</i>		Phlox purple Pinkish-green.	AU	- do -	-do-
6.	<i>Brunfelsia americana</i>		White, turning Yellow	AU	Cuttings & Layers.	

SHADY TREES

S/N.	Botanical Name	Popular Name	Av. height	Characteristics
1	2	3	4	5
15.	Ficus Elastica	India Rubber Tree	Large ht. 15 metre	Evergreen, quick growing with large leath smooth, shining leaves.
16.	Ficus in Factoria	Pilkha	Large	Evergreen-large shapely crown dark green leaves.
17.	Ficus Religiosa	Pipal	"	Deciduous very shady, leaves fall twice a year.
18.	Ficus Retusa	Chilkan Linn	30'-35'	A very shady spreading tree with glossy dark green leaves. Evergreen.
19.	Madhuca Indica	Mahwa (Mahua)	Large	Deciduous.
20.	Magnifera Indica	Mango	"	Evergreen, shady with spreading crown. Flowers appear during Apr-July.
21.	Pithecolobium Samam	Rain Tree	"	Deciduous, spreads wide with thick foliage.
22.	Polyathia Longifolia	Deodar	Medium to Large	Handsome evergreen tree with long twisted leaves. Best for avenues.
23.	Pongamia Glabra	Karanj	Medium	Almost evergreen, flower and oil cakes make good manure.
24.	Saraca Indica	Ashoka (Dwarf)	"	Evergreen, erect and perfect crown, very shady. Leaves are 30 Cm long with wavy margin. Flowering time Feb-Apr.
25.	Swietenia Mahagoni	Mahogany Tree	Large	Evergreen huge, straight attractive foliage small pinnate leaves. Timber is valuable for furniture.
26.	Tamarindus Indica	Imli	"	Evergreen and huge tree.
27.	Tectonia Grandia	Teak Tree	Medium	Deciduous, large leaves shady yields good timber.
28.	Terminalia Arjuna	Arjuna	Large	A large deciduous tree with horizontally spreading branches. Flowers on erect panicles borne in profusion in April-May.
29.	Terminalia Chebula	Haritaki	30'-40'	Evergreen, shady tree with spreading crown.

SHADE TREES

Annexure 'C'

S/N.	Botanical Name	Popular Name	Av. height	Characteristics
1	2	3	4	5
1.	Adenanthera pavonina	Nyktia Chandro or Bead tree	Large	Evergreen, quick growing. The seeds are bright glossy red looking like and used by goldsmith for weighing small quantities of gold.
2.	Amoora Rohituka	Soringa	Tall & Large	Evergreen, belonging to Neem family. The oil from the seeds is used for lighting.
3.	Albizia Lebbek	Sairu Silis	"	Deciduous from Dec.-Feb., growth very rapid.
4.	Azadirachta indica	Neem	Medium	Evergreen with dense foliage of shining light green colour.
5.	Artocarpus Integrifolia	Jack Fruit (Kathal)	30'-40'	Evergreen, quick growing thick foliage, fruits edible & wood suitable for furniture.
6.	Anacardium Occidentale	Cashew	25'-35'	Almost evergreen, feather foli sweet scented greenish white flower in bunches. Specially suitable for places with high rainfall. Flowering time Apr.-July.
7.	Caesalpinia Coriaria	Divi Divi	Moderate	Deciduous quick growing. Yellow flowers. Flowering time June-January.
8.	Cassia Siamea	Minjhiri	Medium	Deciduous. The flower emits a delicate fragrance in the evening. Common jungle tree in India. Timber suitable for furniture making.
9.	Dalbergia Sissoo	Shishu / Shisham	"	Large leaves, thick foliage, fruits are edible.
10.	Dillenia Indica	Chalta	20'-30'	An evergreen tree with a spreading habit with smooth shining leaves, spreading branches.
11.	Diospyros embryopteris	Gaab.	25'-30'	EVERGREEN, SHADY, BEARS EDIBLE, FRUITS.
12.	Eugenia Jamolana	JAMON	LARGE	Evergreen, is one of the finest trees with bright glossy light green small round leaves, valuable avenue tree because of its graceful foliage and dense shade.
13.	Ficus Benjamina	Java Fig Tree Golden Fig.	"	Almost evergreen, gives fruits twice a year.
14.	Ficus Indica	Banyan tree	"	

ORNAMENTAL FOLIAGE TREES

S/N.	Botanical Name	Common Name	Size/Av. height	Characteristics
1	2	3	4	5
13.	Madhuka Latifolia	Mahua	Tall	Evergreen foliage, shady, flowers du Apr-June.
14.	Parmentiera Cerifera	The Candle Tree	Small	Evergreen, Yellow candle like fleshy fruits. native of Panama.
15.	Pisonia Alba	Lady love Lettuce Tree	"	Evergreen, slow growth, very ornamental, green foliage.
16.	Podocarpus Chinesis		7-10 metre	Evergreen, slow growth, very ornamental.
17.	Polyalthia Longifolia Var; Pendula	Ashok (drooping) Deodar	Tall	Evergreen, erect, quick growing to be planted close to each other as Avenue tree, shady.
18.	Putranjiva Rox Burghii	Jalpitri	Medium	Evergreen neat spreading habit. It is n beautiful than Ployalthia.
19.	Ravenala Madagas Cariensis	Traveller's tree	Tall	Evergreen leaves resembles those of Bon and they collect water and is alleged to made use of by travellers. Tree should placed in groups of four or five 2-3 apa
20.	Thuja	Thuja	Small	Evergreen shrub type neat fern like br green foliage. A native of China, Jai Best suited for lawns.
21.	Terminalia Catappa	Desi Badam of Indian Almond Tree	Fairly Large	Deciduous and leaves are large bright polli and deep green. Provides dense shade.

ORNAMENTAL FOLIAGE TREES

Annexure 'B'

S/N.	Botanical Name	Common Name	Size/Av. height	Characteristics
1	2	3	4	5
1.	<i>Astoria Schottii</i>	Devil's tree, Chhalin	Small to Medium	Evergreen, upper surface of leaf and under surface, white, fine. Flowers mostly in whorls of 3 elliptic lanceolate. Flowers from July - Sept
2.	<i>Araucaria Cunninghamii</i>		Tall and Slender.	Evergreen, though tall but very slow growing & hence suitable for lawns.
3.	<i>Albizia Lebeck</i>	Siris	Tall	Ornamental with large crown.
4.	<i>Bignonia Megapota mica</i>	—	Medium	Handsome tree, foliage olive green, produces clusters of mauve flowers. Flowers during March - May.
5.	<i>Bursaria Spinosa</i>	—	"	Handsom evergreen, much branched compact.
6.	<i>Cinnamomum Camphora</i>	Camphor tree	"	Evergreen, bushy and foliage down to the ground.
7.	<i>Erythrina Parcellii</i>	Coral tree	Small	Evergreen - foliage is very ornamental, variegated by creamy yellow bands and markings along the veins gives orange colour flower also in Mar. - May.
8.	<i>Eucalyptus</i>		Large	Tall handsome. Eucalyptus oil prepared from leaves & used for paper pulp. Suitable for mass-plantations, which could be commercially valuable too.
9.	<i>Filicium Decipiens</i>	Fern leaved tree	5-10' mts. & 10 m. spread.	Evergreen, slow growth with bright green polished compound leaves. The tree is very hardy and provides good shade.
10. i)	<i>Ficus Beniamina</i> Java fig or Willow fig.	Rubber Tree	Tall	Very handsome, shade giving, & more or less evergreen.
ii)	<i>Elastica Black Prince</i>	"	"	- do -
11.	<i>Inga Saman</i>	Rain Tree	"	Evergreen, large crown, shady.
12.	<i>Juniperus Chinensis</i>		Medium	Evergreen, bluish green foliage thrives best at high elevation.

ANNEXURE 'A'

FLOWERING TREES

S/N.	Botanical Name	Common Name	Avg. height	Flowering Period	Colour of Flower	Other Characteristics
1	2	3	4	5	6	7
47. ii)	Spathodia Campanulata Nilotica	Fountain Tree Raktapal	Medium	June-Oct.	Orange	Deciduous.
iii)	" Sterculie Acerifolia	Flame Tree	"	Apr.-May	Scarlet	Deciduous, whole tree i mass of colour in M Native of South Australia.
iv)	" S. Diversifolia	Bottle Tree	"	"	Greenish White & reddish within	Deciduous, Native of Australia.
v)	" S. Lanceolata	—	Small	"	"	"
48. i)	Tabebuia Specta Bilis	—	"	May-Apr.	Yellow	Deciduous, the flowers i only for 10-15 days, folie is very pretty.
ii)	T. Rose	—	"	"	Pink	"
iii)	T. Argentea	—	"	"	Bright Yellow	"
iv)	T. Guayacum	—	"	"	Bright apricot urgenta	Prettiest of all above. Very rare shade.
49. i)	Tagoma Capensis	—	Dwarf	June-Aug.	Scarlet orange	Evergreen, very pretty.
ii)	" Gaudi Chaudi	Gaudi Chaudi	Dwarf / Medium	"	Golden Yellow	- do - very qu growing & likes Sun.
50. i)	Wrightia Tinctoria	Ivory Wood Tree	Small	Mar.-May	White & star shape	Deciduous, A native India, very handsome Wood used for toys
ii)	" W. Corallina	"	"	"	Deep Red	- do -
iii)	" W. Argentea	Eastern Tree	"	"	Green, great spotted	- do - astringent bark is an aysentric remedy.
51.	Thespesia Rosea	Parash, Indian Tree	Dwarf	Aug.-Sept.	Yellow and Orange	Quick growing and Evergreen.

FLOWERING TREES

Annexure 'A'

S/N.	Botanical Name	Common Name	Avg. Height	Flowering Period	Colour of Flower	Other Characteristics
1	2	3	4	5	6	7
37.	Melia Azadirachta	Near:	Medium 25-30 ft.		White Scented	Deciduous, quick growing drought resistant, very shapely & pretty.
38.	Michelia Champaca	Swāfīa Champā	Medium	Apr.-May & again Sept.-Oct.	Creamy light Yellow or Whitish Scented.	Evergreen, good for small gardens.
39.	Millingtonia Hortensia	Akash Nim Indian Cork Tree or Jasmine Tree	Tall	June-Nov.	White trumpet scented like Jasmintha	Evergreen but very brittle and likely to be damaged by high winds.
40.	Mimusopas Elengi	Mausari / Bakul	Medium	Jan.-Nov.	White & heavily Scented.	Evergreen, the flower are greatly in demand by Hindu Women.
41.	Ochrocarpus Longifolius	—	About 20'	Throughout	White four- petalled Scented.	Evergreen, moisture loving needs protection from hot winds.
42.	Peltophorum	Yellow Gulmohur, Large Radha Chura	Large	Mar.-May	Yellow	Partially deciduous, very shady, quick growing.
43.	Plumeria Acutifolia	Khair Champā or Pagoda Tree	Small	Throughout	White flushed with Yellow	Leafless for greater part of the year but seldom without blossom.
44.	Pterocarpus Indica	Burmese Padonk or Gulmohar of Singapore	Large	"	Golden sweet Scented.	Evergreen, worth growing in large gardens. A valuable Timber Tree.
45.	Pterospermum Acerifolium	Kanak Champā	Small	Apr.-May	White Scented.	Evergreen, heart - shaped leaves are dark green on top and silvery white on the underside.
46.	Saraca Indica	Asoka	Medium	Rush of Bloom	Changing colour from Yellowish Orange to Orange Scarlet.	Evergreen, slow - growing, bears flowers.
47. (i)	Spathodia Campanulata	Fountain Tree Raktapal	Large	June-Oct.	Bright orange / scarlet orange	Deciduous for short period; too big for private gardens.

FLOWERING TREES

S/N.	Botanical Name	Common Name	Avg. height	Flowering Period	Colour of Flower	Other Characteristics
1	2	3	4	5	6	7
28.	Erythrina Cristagalli	Indian Coral Tree (Parijat Red)	20'-25'	July-Sept.	Bright Scarlet	Evergreen, thornless, ornamental
29.	Erythrina Lithosperma	Dadap	40'-50'	- do -	Red	- do -
30.	Erythrina Blacki		15'-20'	- do -	Dark Scarlet	- do -
31.	Gilicidia Maculata	Madre Tree of South America	Medium	Mar.-Apr.	Light Purplish pink	- do -
32.	Jacaranda Mimosae Folia	Nillee Gulmohor	Small 25'-30'	Mar.-May	Bluish purple ball shaped	Deciduous, quick growing very shady except Mar.-Apr. very ornamental.
33.	Kigelia Pinnata	Balam Khira or Sausage Tree	Medium	Mar.-Apr.	Purple	Deciduous with few slender branches. One of the finest flowering trees.
34.	Lagerstroemia	The Queen's flower or Pride of India or Mota Bondara	Large	Apr.-July	Purle mauve pink	Flowers dangle in bunches from rope like stalks 1-1.5 Metre in length. It thrives anywhere but prefers cool location.
I)	" Ficus Religiosa	Jarai	- do -	- do -		Deciduous but almost ever green. Extremely beautiful when in bloom; needs dam soil-suitable on banks of canal, tanks.
II)	" Thorelli	"	20'-25'	June-Oct.	White / Mauve	The leaves assume a distinctive copper colour in summer, adding to the beauty of the tree.
III)	" Lagerstroemia Indica	Furus	6'-10'	June-Aug.	White / Mauve / Pink	- do -
35.	Lysidice Rohodostegia		Large	Mar.-May	Light Rose	Evergreen, Pride of India
36.	Magnolia Grandiflora	Ham Champ	Small 10'-15'	May-June	Yellow White scented	Deciduous (but very handsome tree from China) Evergreen with long leaves.

FLOWERING TREES

Annexure 'A'

S/N.	Botanical Name	Common Name	Avg. Height	Flowering Period	Colour of Flower	Other Characteristics
1	2	3	4	5	6	7
17.	Chrysophyllum	Star apple	About 50'	July-Aug.	Golden Purple	Evergreen, Suitable for avenues.
18.	Citharexylon Quadrandularae	Fiddle Wood Tree	7 Metres	Mar.-May	White Star-shaped	Deciduous, dark green foliage.
19.	Colvillea Racemosa	—	40'-50'	June-Aug.	Orange Red large orbicels	Partly deciduous. Resembles Guimohar, very ornamental, normally found in Botanical Gardens only.
20.	Cochlospermum Gossypium	Yellow Silk Cotton	Medium	Jan-Mar.	Golden Yellow	Deciduous Inattractive when naked but loveable when in blossom.
21.	Cordia Myxa	Shrockar/Sebastian	Dwarf	June-sept.	Orange Scarlet	Evergreen, handy, easy to propagate dry wood perfumes the atmosphere if out on a pan of charcoal.
22.	Couroupita Guianensis	Cannon tree	Large & Erect.		Pink or Maroon Large & scented.	Deciduous, leafless period is only a week. Tropical America. Gives large round fruit of foul smell.
23.	Dillenia Indica	Chalta (Hindi)	Medium	May-June	Pure white, large.	Evergreen dense foliage bulky requires plenty of water Produces sour fruits (edible)
24.	Delonix Regia Poinciana Regia	Gul Mohur Krishna Chura	40'-50'	May-June	Scarlet Red	Deciduous shady, rather unstable, tends to get uprooted in storms, one of the most beautiful and common flowering trees grown in India.
25.	Eleocharpus Ganitrus	Rudrakshi	25'-30'	Mar.-Apr.	White	Deciduous.
26.	Erythrina Indica	Indian Coral Tree	40'-50'	Mar.-Apr.	Scarlet Red	Deciduous, good support for climbers, shady except when it flowers.
27.	Erythrina Alba	Indian Coral Tree (Parijat white)	- do -	Mar.-May	White	- do -

FLOWERING TREES

S/N.	Botanical Name	Common Name	Avg. Height	Flowering Period	Colour of Flower	Other Characteristics
1	2	3	4	5	6	7
8.	Bombax Malabaricum	Silk Cotton Simul	30' & above	Jan.-Feb.	Red	Deciduous, tall & upright.
9.	Brassia Actinophylla	Umbrella Tree	Small 20'	Spring	Scarlet or Coral red.	Evergreen
10.	Brownea (i) Grandiceps (ii) Coccinea (iii) Ariza	Mountain Rose	Medium Small	Apr.-May	Crimson Rosy Scarlet Rosy Scarlet	Evergreen, slow growing take 10-12 years to flower
11.	Butea Frondosa	Palas or Dhak	Medium	Feb.-Mar.	Orange Crimson	Deciduous
12.	Callis Temon Lanceolatus	Bottle Brush Tree	Medium	Apr. & Aug.-Sept.	Scarlet	Evergreen, handsome willow like foliage.
13.	Caesalpinia Pulcherima	Dwarf Golmohar	8'-10'	July-Sept.	Scarlet Red	Evergreen beautiful flowers.
(ii)	— do — Var. Flava	Dwarf Radhachura	8'-10'	"	Bright-Yellow	— do —
14.	Calophyllum Inophyllum	Sultana Champa	Moderate	May-June	White, Light Pink	Evergreen fragrance, used for extracting oil, propaga- tion by seeds.
15.	(i) Cassia Fistula	Amaltas Bander Lathi	Medium	Feb.-May	Bright, Yellow Golden.	Deciduous propagated by seeds.
(ii)	Cassia Javanica	Java Cassia	Medium	Apr.-May	Deep Pink Rose Pink	Deciduous most beautiful, ornamental moisture loving.
(iii)	Cassia Nodosa		-Large	Feb.-June	Bright Pink	Deciduous
(iv)	Cassia Multijuga	Thread Cassia	15'-20'	Aug.-Sept.	Bright Yellow	Evergreen, latest flowering Cassia-West India.
(v)	Cassia Renigera	Burmese Pink Cassia	15'-20'	May-July	Pink & White	Deciduous, shady.
(vi)	Cassia Grandis	Horse Cassia	15'-20'	Feb.-Mar.	Rose Red	— do —
(vii)	Cassia Siamea	Minihy	15'-20'	July-Sept.	Yellow	— do —
16.	Castanospermum australe	Moreton Bay Chestnut Tree	Moderate	March	Orange Crimson	Evergreen pretty foliage slow growing upright.

[1] FLOWERING TREES

Annexure A.

S/N.	Botanical Name	Common Name	Avg. height	Flowering Period	Colour of flower	Other Characteristics
1.	2	3	4	5	6	7
1. (i)	Acacia Nilotica	Babul, Babla	15'-20'	July-Sept.	Yellow	Evergreen, non-grazing Hardy
(ii)	Acacia Monilloformis		25'-30'	Aug.-Oct.	Pretty Yellow	Evergreen fragrance, shady, coastal areas
(iii)	Acacia Auriculiformis	Akashmoni Sonajhuri	20'-30'	Aug.-Oct.	Pretty Yellow	Suitable for coastal areas, evergreen, Eucalyptus like foliage
2.	Amherstia Nobilis	Queen of Flowering Tree	15'-20'	Apr.-July	Various shades of Crimson mauve/pink.	Deciduous for a short period, rare tree-Burma-Calcutta.
3.	Adenantherrah Pavonia	Rakta Chandan	12'-20'	July-Aug.	Yellowish-white	Evergreen, shady with good foliage.
4.	Anthocephalus Cadamba	Kadamba	30' & above	July-Aug	Ball shaped Yellow flower	Quick growing shady, Evergreen.
5. (i)	Barringtonia Speciosa		40'-50'		Rosy purple	} Evergreen, moisture loving, very ornamental. origin is Malabar.
(ii)	Barringtonia Acutangula	Hilal	40'-60'	July-Sept.	Rose-Pink	
(iii)	Barringtonia Recemosa	Bottle Brush	40'-50'	July-Sept.	Pink-deep	
6. (i)	Bauhinia Variegata	Kachnar Kanchan	Medium Dwarf.	Feb.-Apr.	White/Mauve/pink with Fragrance.	Deciduous, moisturing very handsome.
(ii)	B. Monandra	"	"	Sept.-Nov.	Orange	} Evergreen
(iii)	B. Purpurea	"	"	"	Red	
(iv)	B. Alba	"	"	"	White	
(v)	B. Candida	"	"	"	Pure White	
(vi)	B. Tomentose	"	"	"	Sulphar Yellow Changing to Copper Yellow.	
7.	Bignonia	Padiri	Medium	Mar.-Apr.	Partly White	Deciduous handsome, shady, scented.

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