

RESEARCH ARTICLE

**TAXONOMIC INVENTORY OF PLANTS CONSERVED IN THE ASSOCIATED
BOTANIC GARDEN AT THE BOTANICAL SURVEY OF INDIA, CENTRAL
REGIONAL CENTRE, PRAYAGRAJ**

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Abstract: A botanical garden is a place for botanical research, conservation, education, and display, focusing on the region's native flora. The plants growing in Associated Botanic Garden, Botanical Survey of India, Central Regional Centre, Prayagraj are enumerated with habit and phenology and arranged according to Bentham and Hooker's system of classification. It comprises of about 423 species in total which include 165 species of trees, 120 species of shrubs and 138 species of herbs under 115 families.

Keywords: Botanical garden, Prayagraj, plant diversity, Botanical Survey of India, Central Regional centre

INTRODUCTION

A botanical garden is a place for botanical research, conservation, education, and display, focusing on the region's native flora. Besides, a botanical garden is an establishment where plants are grown for scientific study and display to the public. Botanical Gardens are established to conserve plant species in and out of their natural habitat.

It is estimated that there are around 400,000 plant species in the world, and at least 25% are now threatened with extinction. Currently, about 3,634 botanical institutions are established worldwide (BGCI, 2024). Over 41 percent of known threatened species have been conserved by the 3,269 botanical institutions spread over 180 nations, and at least 30 percent of all plant species' variety is thought to have been preserved. Despite the tropical region being endowed with diverse and abundant plant species, about 93% of species preserved in the botanical garden are from the temperate region (Mounce *et al.*, 2017). Consequently, 76% of species estimated to be disappeared from extant collections are of tropical origin (Mounce *et al.*, 2017). To overcome such challenges the establishment of botanical gardens and organizers such as Botanical Gardens Conservation International (BGCI) are essential to rescue plants globally by providing accessions. Thus, among many other things, botanic gardens offer the opportunity to preserve plant diversity outside of their natural habitats (Ex-situ conservation services) and play a significant part in averting the extinction

of species through coordinated conservation efforts (Krishnan and Novy, 2017).

Thus, Botanical gardens can play a major role in achieving the Global Strategy for Plant Conservation (GSPC) and the Sustainable Development Goals (SDGs) related to biodiversity.

The Botanical Survey of India, Central Regional Centre was established on 31st July 1962, with its history tracing back to 13th April 1954, when the Central Botanical Laboratory was founded in Kolkata. Subsequently on 2th December 1954 the laboratory was shifted to Central Drug Research Institute, Lucknow and continued there till 3rd December 1957. Again, it shifted from Lucknow to Prayagraj in old Commissioner's Office building (a century old mansion) with about 7 acres of land for Experimental Garden. The Central Botanical Laboratory remained at Prayagraj for about 5 years, before permanently shifting to Howrah in 1962. This garden has been involved in conserving important plants of the region since its beginning. Currently, the Associated Botanic Garden, covering an area of about 2.50 hectares, is situated within the compound of main office building of Botanical Survey of India, Central Regional Centre, Prayagraj at 180 mts. altitude, 25°28' North latitude and 81°51' East longitude.

Earlier, some workers have described climbers, trailers and parasitic plant diversity in botanical garden, Botanical Survey of India, Central Regional Centre and they have documented 75 species belonging to 61 genera under 27 families (Singh *et al.*, 2015). Plant diversity has already been

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described with about 663 species in total with 181 species of trees, 168 species of shrubs, 38 species of under shrubs and 276 species of herbs (including 10 aquatic plants) under 116 families from botanical garden of Botanical Survey of India, Central Regional Centre (Singh, 2016) but he has included the plants of residential colony also in the list.

MATERIALS AND METHODS

Detailed survey has been conducted regularly in different seasons (March to June-hot summer, July to

September- Monsoon and October to February-winter) to document the diversity of plants present within the premises of garden of Botanical Survey of India, Central Regional Centre. Habit and Phenological data have also been recorded for each taxon present in the garden. These plant species were identified with the help of relevant floras and herbarium specimens deposited at BSA and CAL. Arrangement of families in the enumeration is in accordance with Bentham and Hooker's system of classification (Tomar *et al.*, 2008; Tomar, 2024).

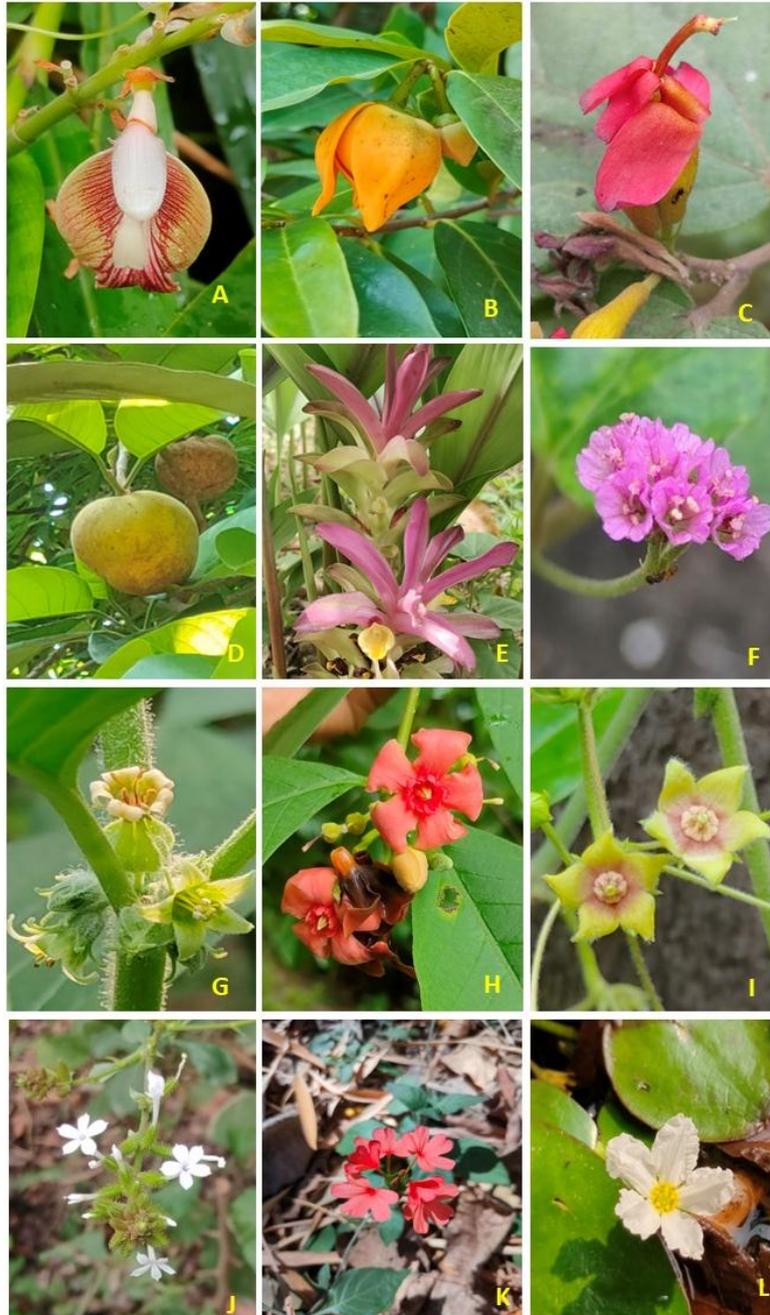


Plate No.1 (A) *Alpina zerumbet* (Pers.) B.L.Burt & R.M.Sm. (B) *Amnona muricata* L. (C) *Helectores isora*. (D) *Artocarpus lacucha* Buch.-Ham. (E) *Curcuma caesia* Roxb. (F) *Boerhavia diffusa* L. (G) *Withania somnifera* (L.) Dunal (H) *Wrightia arborea* (Dennst.) Mabb. (I) *Vincetoxicum indicum* (Burm.f.) Mabb. (J) *Plumbago zeylanica* L. (K) *Crossandra nilotica* Oliv. (L) *Nymphoides hydrophyllum* (Lour.) Kuntze



Plate no.2 (A) *Commnicarpus chinensis* (L.) Heimerl (B) *Commiphora wightii* (Arn.) Bhandari (C) *Costus pictus* D.Don (D) *Diospyros malabarica* (Desr.) Kostel. (E) *Grewia asiatica* L. (F) *Grewia serrulata* DC. (G) *Justicia adhatoda* L. (H) *Justicia gendarussa* Burm f. (I) *Saraca asoca* (Roxb.) W.J.de Wilde (J) *Zanthoxylum armatum* DC.

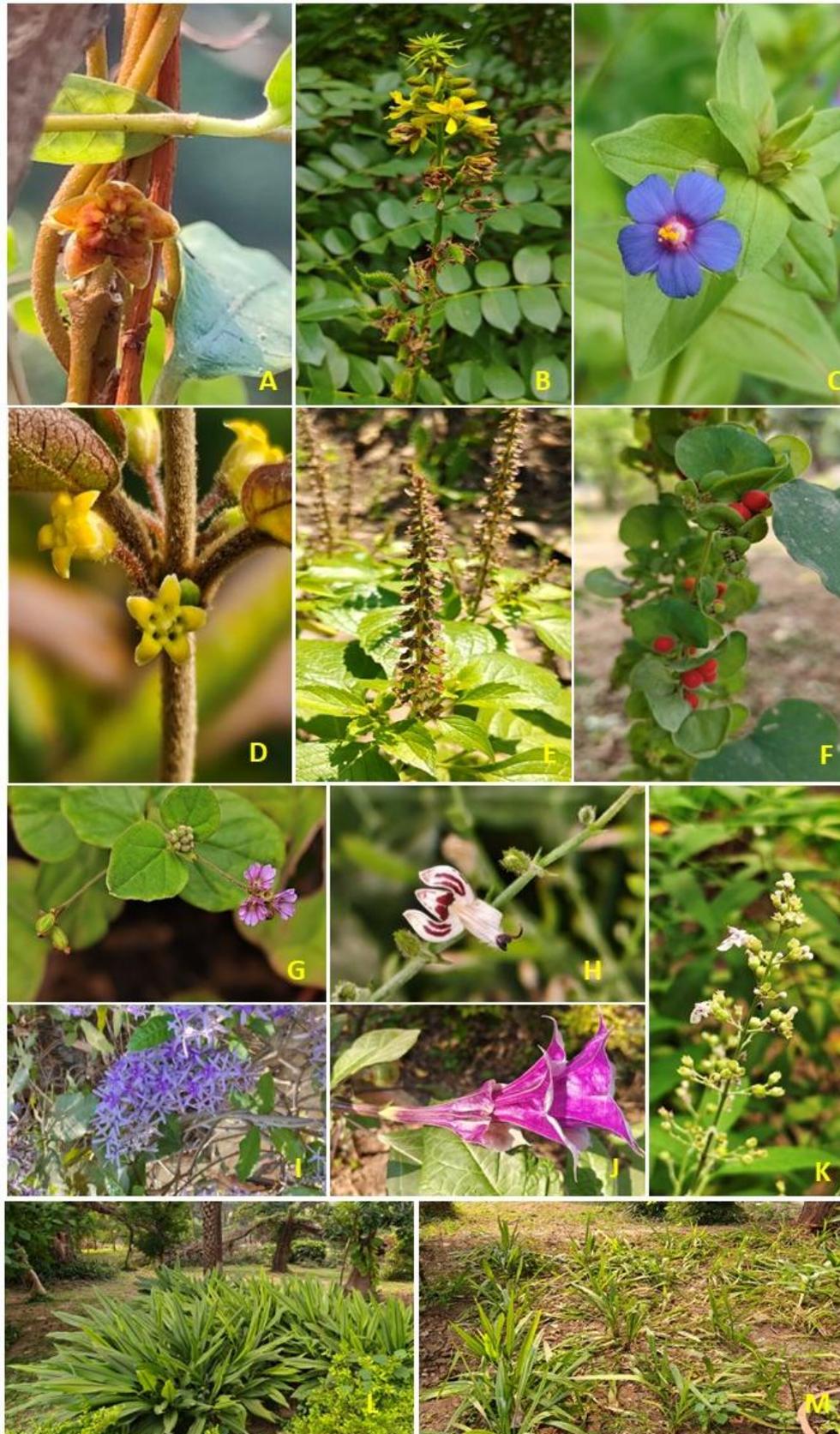


Plate No.3 (A) *Hemidesmus indicus* (L.) R.Br. (B) *Guilandina bonduc* L. (C) *Lysimachia arvensis* (L.) U.Manns & Anderb. (D) *Gymnema sylvestri* (Retz.) R.Br. ex Sm. (E) *Ocimum americanum* L. (F) *Cissampelos pareira* L. (G) *Boerhavia repens* L. (H) *Andrographis paniculata* (Burm.f.) Wall. ex Nees (I) *Petrea volubilis* L. (J) *Datura metel* L. (K) *Vitex negundo* L. (L) *Curcuma caesia* Roxb. (M) *Curculigo orchiooides* Gaertn.



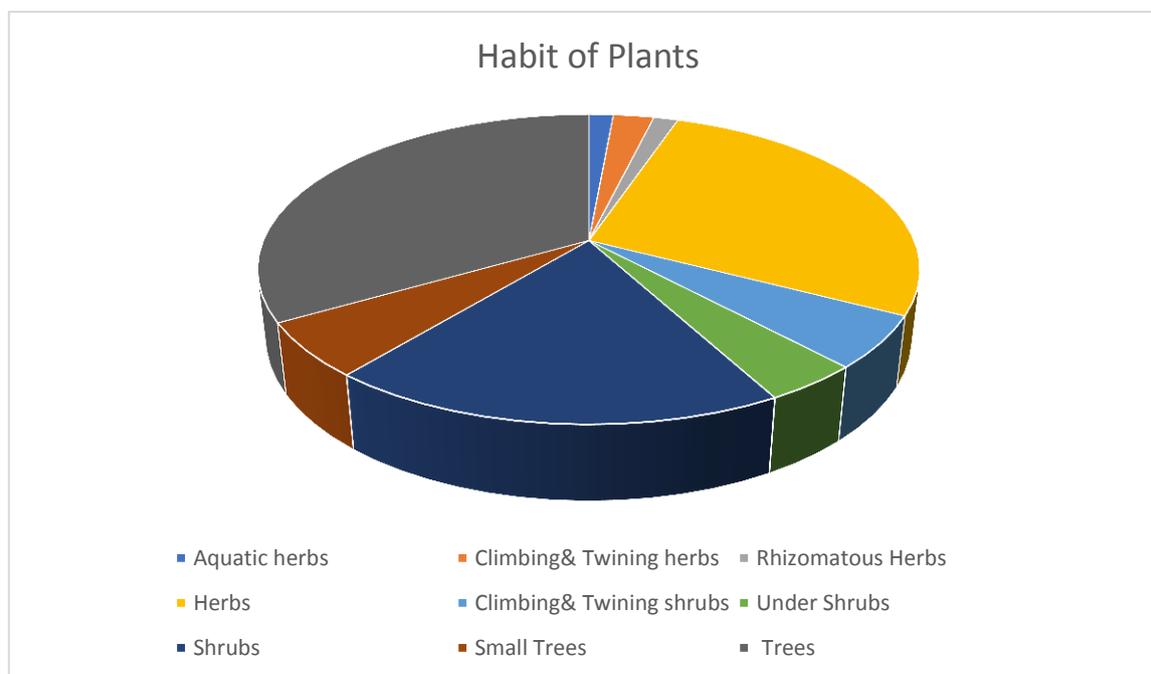
Plate No.4 (A) *Bauhinia rufescens* Lam. (B) *Madhuca longifolia* var. *latifolia* (Roxb.) A.Chev. (C) *Gmelina arborea* Roxb. ex Sm. (D) *Ochma obtusata* DC. (E) *Tabebuia aurea* (Silva Manso) Benth. & Hookf. ex S.Moore (F) *Terminalia bellirica* (Gaertn.) Roxb. (G) *Butea monosperma* (Lam.) Kuntze (H) *Pterospermum acerifolium* (L.) Willd. (I) *Phyllanthus acidus* (L.) Skeels (J) *Strychnos nux-vomica* L.

RESULTS AND DISCUSSION

After a through documentation of plants of garden in different seasons, it is found that 423 species are thriving comprising of 165 species of trees, 120 species of shrubs and 138 species of herbs under 115 families having medicinal, economically important,

ornamental values which includes rare and threatened plants. Out of the 423 taxa, 328 species belong to dicotyledons and 95 species belong to monocotyledons. Among these 41 species belongs to the category of shrubby to herbaceous climbers, scandent, stragglers, trailer and twiners. Enumeration of habit of the plants in the garden are as follows:

Sr. No.	Habit of Plants	Minor Habit	Number of plants
1.	Herbs	Aquatic herbs	6
		Climbing& Twining herbs	10
		Rhizomatous Herbs	6
		Herbs	116
2.	Shrubs	Climbing& Twining shrubs	23
		Under Shrubs	17
		Shrubs	80
3.	Trees	Small Trees	24
		Trees	141
	Total		423



The garden is divided into sections viz., Aquatics, Arboretum-cum-mini forest, Bambusetum, Green House, Gymnosperms, Medicinal Plants, Ornamental Plants, Plant Introduction, RET species and Rosery. The medicinal and aromatic plant section is enriched with collections of *Abrus precatorius*, *Aegle marmelos*, *Aloe vera*, *Andrographis paniculata*, *Annona* spp., *Argyrea nervosa*, *Asparagus* spp., *Catharanthus roseus*, *Cocculus hirsutus*, *Hellenia speciosa*, *Curcuma caesia*, *Cymbopogon citratus*, *Diplocyclos palmatus*, *Gloriosa superba*, *Gymnema* spp., *Mimosa pudica*, *Piper* spp., *Ocimum* spp., *Solanum* spp., *Strychnos nux-vomica*, *Rauwolfia* spp., *Terminalia* spp., *Tinospora cordifolia*, *Wrightia* spp., *Zanthoxylum* spp. etc., offers the chance for

both interest and investigation in the fields of taxonomy, economic botany and plant diversity. The species conserved in the garden are enlisted in Table-1 along with their family name, botanical name, habit and phenology as per Benthom and Hooker's system of classification. Photo plates (1-4) of important plants of garden are also given.

RET (Rare, Endangered and Threatened) plant species are also conserved in the garden and propagation of the same is carried out for distribution to public to create awareness on conservation of native plants. Threatened plant species listed in Table-2 falling under the jurisdictional area of BSI, CRC, Prayagraj botanic garden are conserved for future research and multiplication. Annually, garden

attracts more than thousands of visitors comprising mainly students and researchers. Oldest existing tree in the garden is *Ficus bengalensis* L. aged more than

75 years with *ca.* 200 prop roots and 83 roots are already anchored on the earth.

Table 1. List of plants conserved in BSI, CRC, Prayagraj Garden

Sl. No	Family	Species	Habit	Fl. & Fr.
1.	DILLENACEAE	<i>Dillenia indica</i> L.	Small Tree	Feb.-April
2.	ANNONACEAE	<i>Annona muricata</i> L.	Tree	April - Sept.
3.		<i>Annona squamosa</i> L.	Small Tree	May-Jan.
4.		<i>Annona reticulata</i> L.	Tree	Feb.-April
5.		<i>Monoon longifolium</i> (Sonn.) B.Xue & R.M.K. Saunders	Tree	March - Sept.
6.		<i>Artabotrys hexapetalus</i> (L.f.) Bhandari	Climbing shrub	Sep.- Nov.
7.	MENISPERMACEAE	<i>Cissampelos pareira</i> L.	Climbing shrub	July- Oct.
8.		<i>Cocculus hirsutus</i> (L.) W. Theob	Climbing shrub	Aug. - Oct.
9.		<i>Tinospora cordifolia</i> (Willd.) Hook.f. & Thomson	Climbing shrub	Jan. - May
10.	NYMPHAEACEAE	<i>Nymphaea nouchali</i> Burm. f.	Aquatic herb	Throughout the year
11.		<i>Nymphaea pubescens</i> Willd.	Aquatic herb	Throughout the year
12.		<i>Nymphaea rubra</i> Roxb. ex Andrews	Aquatic herb	Throughout the year
13.	PAPARVERACEAE	<i>Argemone mexicana</i> L.	Herb	Jan. -April
14.		<i>Papaver rhoeas</i> L.	Herb	April- June
15.	BRASSICACEAE	<i>Rorippa indica</i> (L.) Hiem	Herb	April- June
16.	CAPPARACEAE	<i>Capparis sepiaria</i> L.	Scandent Shrub	March – Nov.
17.		<i>Capparis zeylanica</i> L.	Scandent Shrub	Feb. -Aug.
18.		<i>Crateva magna</i> (Lour.) DC.	Tree	March-Aug.
19.	CLEOMACEAE	<i>Cleome viscosa</i> L.	Herb	Throughout the year
20.	VIOLACEAE	<i>Afrohybanthus enneaspermus</i> (L.) Flicker	Herb	April - Sept.
21.	BIXACEAE	<i>Bixa orellana</i> L.	Small Tree	Aug. - Feb.
22.	FLACOURTIACEAE	<i>Casearia tomentosa</i> Roxb. ex Roxb.	Tree	Dec. - June
23.		<i>Flacourtia indica</i> (Burm. f.) Merr.	Small Tree	Dec. -Aug.
24.	CARYOPHYLLACEAE	<i>Stellaria media</i> (L.) Vill.	Herb	Oct. -April
25.	PORTULACACEAE	<i>Portulaca grandiflora</i> Hook.	Decumbent herb	Throughout the year
26.		<i>Portulaca oleracea</i> L.	Erect or prostrate herb	Throughout the year
27.		<i>Portulaca quadrifida</i> L.	Prostrate herb	Throughout the year
28.	DIPTEROCARPACEAE	<i>Dipterocarpus indicus</i> Bedd.	Tree	Introduced in FY 2025-26
29.	DIPTEROCARPACEAE	<i>Shorea robusta</i> C. F. Gaertn.	Tree	Feb. - July
30.	MALVACEAE	<i>Abelmoschus moschatus</i> Medik.	Undershrub	Oct. - Dec.
31.		<i>Abutilon indicum</i> (L.) Sweet	Undershrub	Sept. -April
32.		<i>Adansonia digitata</i> L.	Tree	April - Oct.
33.		<i>Bombax ceiba</i> L.	Tree	Feb. - May
34.		<i>Dombeya burgessiae</i> Gerrard ex Harv.	shrub	Jan. -April
35.		<i>Gossypium hirsutum</i> L.	Undershrub	Dec. -April
36.		<i>Helicteres isora</i> L.	shrub	April - Jan.

37.		<i>Heritiera fomes</i> Banks	Tree	Introduced in FY 2025-26
38.		<i>Hibiscus rosa-sinensis</i> L.	shrub	Throughout the year
39.		<i>Malvastrum coromandelianum</i> (L.) Garcke	Herb	Throughout the year
40.		<i>Sida acuta</i> Burm. f.	Herb	Sept. - May
41.		<i>Sida cordata</i> (Burm. f.) Borss.	Herb	Sept. - Nov.
42.		<i>Sida cordifolia</i> L.	Herb	Throughout the year
43.		<i>Sida rhombifolia</i> L.	Herb	July- Dec.
44.		<i>Theobroma cacao</i> L.	Tree	Introduced in FY 2025-26
45.		<i>Thepparatia fragrans</i> (Roxb.) Landrein	Shrub	Introduced in FY 2025-26
46.		<i>Thespesia populnea</i> (L.) Sol. ex Corrêa	Tree	July- Dec.
47.		<i>Urena lobata</i> L.	Undershrub	Aug. -Dec
48.		<i>Pterospermum acerifolium</i> (L.) Willd.	Tree	March - Dec.
49.		<i>Pterygota alata</i> (Roxb.) R. Br.	Tree	Dec. - March
50.		<i>Sterculia foetida</i> L.	Tree	Feb. -Aug.
51.		<i>Sterculia guttata</i> Roxb.	Tree	Introduced in FY 2025-26
52.		<i>Sterculia urens</i> Roxb.	Tree	Dec. - Sept.
53.	TILIACEAE	<i>Corchorus aestuans</i> L.	Herb	Aug. - Feb.
54.		<i>Grewia asiatica</i> L.	Small tree	Nov. - Sept.
55.		<i>Grewia serrulata</i> DC.	Tree	April- Jan.
56.	ZYGOPHYLLACEAE	<i>Guaiacum officinale</i> L.	Tree	March-May
57.	ELAEOCARPACEAE	<i>Elaeocarpus sphaericus</i> (Gaertn.) K. Schum.	Tree	Aug. - Feb.
58.	OXALIDACEAE	<i>Oxalis corniculata</i> L.	Herb	Throughout the year
59.		<i>Oxalis corymbosa</i> DC.	Herb	Sept. - March
60.		<i>Oxalis dehradunensis</i> Raizada	Herb	June - Nov.
61.	AVERRHOACEAE	<i>Averrhoa carambola</i> L.	Tree	May-Aug.
62.	BALSAMINACEAE	<i>Impatiens balsamina</i> L.	Herb	July- Oct.
63.	RUTACEAE	<i>Aegle marmelos</i> (L.) Correa.	Tree	March- Dec.
64.		<i>Citrus aurantiifolia</i> (Christm.) Swingle		Throughout the year
65.		<i>Citrus limon</i> (L.) Osbeck	Shrub	April - Sept.
66.		<i>Citrus maxima</i> (Burm.) Merr	Small tree	May- Oct.
67.		<i>Limonia acidissima</i> L.	Tree	March- Dec.
68.		<i>Berbera koenigii</i> L. (L.) Spreng	Shrub	March- July
69.		<i>Murraya paniculata</i> (L.) Jack	Shrub	Feb. - July
70.		<i>Naringi crenulata</i> (Roxb.) Nicolson	Tree	March- Aug.
71.		<i>Triphasia trifolia</i> (Burm.f.) P.Wilson	Shrub	Throughout the year
72.		<i>Ravenia spectabilis</i> (Lindi.) Planch. ex Griseb.	Shrub	Feb. - May
73.		<i>Zanthoxylum armatum</i> DC.	Shrub	Aug.-Oct.
74.		<i>Zanthoxylum asiaticum</i> (L.) Appelhans, Groppo & J.Wen	Shrub	Sept. - June
75.	SIMAROUBACEAE	<i>Ailanthus excelsa</i> Roxb.	Tree	Dec. - July
76.	BURSERACEAE	<i>Commiphora wightii</i> (Arn.) Bhandari	Shrub	Feb. - Nov.

77.	MELIACEAE	<i>Azadirachta indica</i> A. Juss.	Tree	Feb. - Sept.
78.		<i>Melia azedarach</i> L.	Tree	May- Dec
79.		<i>Swietenia macrophylla</i> King.	Tree	April - March
80.		<i>Swietenia mahagoni</i> (L.) Jacq.	Tree	April- Nov.
81.	RHAMNACEAE	<i>Ziziphus mauritiana</i> Lam.	Tree	Sept. - Nov.
82.		<i>Ziziphus oenoplia</i> (L.) Mill.	Shurb	Aug. - Dec.
83.	VITACEAE	<i>Ampelocissus latifolia</i> (Roxb.) Planch.	Climbing shrub	May-Nov.
84.		<i>Cissus quadrangularis</i> L.	Herbaceous rambler	June - Jan.
85.		<i>Caryatia trifolia</i> (L.) Domin.	Climbing shrub	Throughout the year
86.		<i>Vitis vinifera</i> L.	Climbing shrub	May – Aug.
87.	SAPINDACEAE	<i>Aesculus assamica</i> Griff.	Tree	Feb. -May
88.		<i>Litchi chinensis</i> Sonn.	Tree	May – Aug
89.		<i>Sapindus emarginatus</i> Vahl	Tree	Oct.-May
90.		<i>Sapindus laurifolius</i> Vahl.	Tree	Sept. - March
91.		<i>Schleichera oleosa</i> (Lour.) Oken.	Tree	Feb. - Nov.
92.	ANACARDIACEAE	<i>Buchanania lanzan</i> Spreng.	Tree	Jan. - May
93.		<i>Mangifera indica</i> L.	Tree	Feb. - May
94.		<i>Spondias pinnata</i> (L. f.) Kurz	Tree	April - Dec.
95.	MORINGACEAE	<i>Moringa oleifera</i> Lam.	Tree	Feb. -June
96.		<i>Abrus precatorius</i> L.	Climbing undershrub	Aug. - March
97.		<i>Acacia auriculiformis</i> A.Cunn. ex Benth.	Tree	Aug.-May
98.		<i>Adenanthera pavonina</i> L.	Tree	March-Aug.
99.		<i>Albizia lebbek</i> (L.) Benth.	Tree	April-June
100.		<i>Albizia procera</i> (Roxb.) Benth.	Tree	May-Aug.
101.		<i>Bauhinia acuminata</i> L.	Tree	March-Sept.
102.		<i>Bauhinia purpurea</i> L.	Tree	Oct.-Feb.
103.		<i>Bauhinia racemosa</i> Lam.	Tree	April-June
104.		<i>Bauhinia variegata</i> L.	Tree	Jan.-March
105.		<i>Brownea coccinea</i> Jacq.	Tree	Introduced in FY 2025-26
106.		<i>Butea monosperma</i> (Lam.) Taub	Tree	Jan. -May
107.		<i>Caesalpinia pulcherrima</i> (L.) Sw.	Shrub	Feb.-Nov.
108.		<i>Calliandra haematocephala</i> Hassk.	Shrub	Throughout the year
109.		<i>Cassia fistula</i> L.	Tree	April-May
110.		<i>Clitoria ternatea</i> L.	Climbing herb	July- March
111.		<i>Crotalaria spectabilis</i> Roth.	Undershrub	Nov. - June
112.		<i>Dalbergia coromandeliana</i> Prain	Shrub	Introduced in FY 2025-26
113.		FABACEAE	<i>Bauhinia rufescens</i> Lam.	Tree
114.	<i>Dalbergia lanceolaria</i> L. f.		Tree	April - Jan.
115.	<i>Dalbergia latifolia</i> Roxb.		Tree	Jan.- March
116.	<i>Delonix regia</i> (Bojer ex Hook.) Raf.		Tree	April-Aug.
117.	<i>Dichrostachys cinerea</i> (L.) Wight & Arn.		Tree	June -Aug.
118.	<i>Erythrina suberosa</i> Roxb.		Tree	March -April
119.	<i>Erythrina variegata</i> L.		Tree	April - Sept.
120.	<i>Hardwickia binata</i> Roxb.		Tree	Oct.-April

121.		<i>Lathyrus odoratus</i> L.	Climbing herb	Jan. - March
122.		<i>Lysiloma latisiliquum</i> (L.) Benth.	Tree	Aug.-Feb.
123.		<i>Melilotus alba</i> Medik.	Herb	Jan. -April
124.		<i>Millettia peguensis</i> Ali	Tree	Feb. -April
125.		<i>Mimosa pudica</i> L.	Herb	Aug.-March
126.		<i>Mucuna pruriens</i> (L.) DC.	Climbing undershrub	Sept.- May
127.		<i>Peltophorum pterocarpum</i> (DC.) Backer ex K.Heyne	Tree	Jan.-June
128.		<i>Pterocanus santalinus</i> Blanco	Tree	Introduced in FY 2025-26
129.		<i>Phanera vahlii</i> (Wight & Arn.) Benth.	Woody Shrub	Sept.-Jan.
130.		<i>Pithecellobium dulce</i> (Roxb.) Benth.	Tree	Jan.-June
131.		<i>Pongamia pinnata</i> (L.) Pierre	Tree	July- Feb.
132.		<i>Prosopis cineraria</i> (L.) Druce	Tree	Dec.-May
133.		<i>Pterocarpus marsupium</i> Roxb.	Tree	July- March
134.		<i>Samanea saman</i> (Jacq.) Merr.	Tree	March-June
135.		<i>Saraca asoca</i> (Roxb.) W.J.de Wilde	Tree	Dec.-July
136.		<i>Senna alata</i> (L.) Roxb	Shrub	Oct.-March
137.		<i>Senna occidentalis</i> (L.) Link	Herb	Sept.-May
138.		<i>Sesbania grandiflora</i> (L.) Pers	Tree	Sept. - March
139.		<i>Tamarindus indica</i> L.	Tree	April-Aug.
140.		<i>Vachellia nilotica</i> subsp. <i>indica</i> (Benth.) Kyal. & Boatwr.	Tree	Aug.-April
141.	ROSACEAE	<i>Rosa</i> × <i>burboniana</i> (Thory) N.H.F.Desp.	Shrub	Oct.-April
142.		<i>Rosa</i> × <i>odorata</i> (Andrews) Sweet	Shrub	March-June
143.	CRASSULACEAE	<i>Kalanchoe blossfeldiana</i> Poelln.	Herb	Jan.-March
144.	COMBRETACEAE	<i>Combretum indicum</i> (L.) DeFilipps	Undershrub	March-July
145.		<i>Terminalia anogeissiana</i> Gere & Boatwr.	Tree	June-Sept.
146.		<i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn.	Tree	April-Nov.
147.		<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Tree	April-Dec.
148.		<i>Terminalia chebula</i> Retz.	Tree	March-Oct.
149.		<i>Terminalia elliptica</i> Willd.	Tree	March-Aug.
150.		<i>Terminalia muelleri</i> Benth.	Small Tree	May-June
151.	MYRTACEAE	<i>Eucalyptus tereticornis</i> Sm.	Tree	April-Aug.
152.		<i>Melaleuca citrina</i> (Curtis) Dum.Cours.	Shrub	Feb.-June
153.		<i>Psidium friedrichsthalianum</i> (O.Berg) Nied.	Small Tree	Nov.-Feb.
154.		<i>Psidium guajava</i> L.	Small Tree	April-Sept.
155.		<i>Syzygium caryophyllatum</i> (L.) Alston	Shrub	Introduced in FY 2025-26
156.		<i>Syzygium cumini</i> (L.) Skeels	Tree	Introduced in FY 2025-26
157.		<i>Syzygium salicifolium</i> J.Graham	Tree	Introduced in FY 2025-26
158.		<i>Syzygium stocksii</i> (Duthie) Gamble	Shrub	Introduced in FY 2025-26
159.	LECYTHIDACEAE	<i>Careya arborea</i> Roxb.	Tree	March-July
160.	LYTHRACEAE	<i>Lagerstroemia speciosa</i> (L.) Martyn	Tree	April-Sept.

161.		<i>Lawsonia inermis</i> L.	Shrub	April-Sept.
162.		<i>Punica granatum</i> L.	Shrub	Throughout the year
163.	MELASTOMATACEAE	<i>Memecylon intermedium</i> Blume	Tree	Introduced in FY 2025-26
164.	CARIACEAE	<i>Carica papaya</i> L.	Tree	Throughout the year
165.	CUCURBITACEAE	<i>Diplocyclos palmatus</i> (L.) C.Jeffrey	Climbing Herb	July -Nov.
166.		<i>Coccinia grandis</i> (L.) Voigt	Climbing Shrub	March-Dec.
167.		<i>Cucumis sativus</i> L.	Climbing Herb	March-Oct.
168.		<i>Cucumis melo</i> L.	Climbing Herb	June-Dec.
169.		<i>Trichosanthes cucumerina</i> subsp. <i>cucumerina</i>	Climbing Herb	May-Aug.
170.	CACTACEAE	<i>Opuntia elatior</i> Mill.	Succulent Shrub	March-Sept.
171.	APIACEAE	<i>Centella asiatica</i> (L.) Urb.	Trailing Herb	Feb.-Nov.
172.	RUBIACEAE	<i>Coffea arabica</i> L.	Shrub	March-Dec.
173.		<i>Gardenia gummifera</i> L.f.	Shrub	March-Nov.
174.		<i>Gardenia latifolia</i> Aiton	Tree	March-Dec.
175.		<i>Hamelia patens</i> Jacq.	Shrub	Throughout the year
176.		<i>Hymenodictyon orixense</i> (Roxb.) Mabb.	Tree	July-Feb.
177.		<i>Ixora barbata</i> Roxb. ex Sm.	Shrub	April-Dec.
178.		<i>Ixora chinensis</i> Lam.	Shrub	Feb.-Dec.
179.		<i>Ixora coccinea</i> L.	Shrub	Feb.-April
180.		<i>Mussaenda philippica</i> A.Rich.	Shrub	April-Sept.
181.		<i>Paederia foetida</i> L.	Twining Shrub	Aug.-Sept.
182.	ASTERACEAE	<i>Ageratum conyzoides</i> L.	Herb	Throughout the year
183.		<i>Blainvillea acmella</i> (L.) Philipson	Herb	Aug.-May
184.		<i>Blumea lacera</i> (Burm.f.) DC.	Herb	Jan.-April
185.		<i>Chrysanthemum indicum</i> L.	Herb	Sept.-Dec.
186.		<i>Cyanthillium cinereum</i> (L.) H.Rob.	Herb	Throughout the year
187.		<i>Eclipta prostrata</i> (L.) L.	Herb	Throughout the year
188.		<i>Elephantopus scaber</i> L.	Herb	Aug.-Jan.
189.		<i>Gamochaeta pensylvanica</i> (Willd.) Cabrera	Herb	Dec.-March
190.		<i>Launaea procumbens</i> (Roxb.) Ramayya & Rajagopal	Herb	Sept.-Jan.
191.		<i>Parthenium hysterophorus</i> L.	Herb	Throughout the year
192.		<i>Sonchus asper</i> (L.) Hill	Herb	March-Sept.
193.		<i>Sonchus oleraceus</i> L.	Herb	March-Dec.
194.		<i>Tagetes erecta</i> L.	Herb	Dec.-April
195.		<i>Tridax procumbens</i> L.	Herb	Throughout the year
196.	MENYANTHACEAE	<i>Nymphoides hydrophyllum</i> (Lour.) Kuntze	Herb	Throughout the year
197.	PLUMBAGINACEAE	<i>Plumbago zeylanica</i> L.	Undershrub	Aug.-Jan.
198.	PRIMULACEAE	<i>Bonellia nervosa</i> (C.Presl) B.Ståhl & Källersjö	Shrub	Feb.-April
199.		<i>Lysimachia arvensis</i> (L.) U.Manns & Anderb.	Herb	Nov.-April
200.	SAPOTACEAE	<i>Madhuca longifolia</i> (L.) J.F.Macbr.	Tree	Feb.-July
201.		<i>Manilkara hexandra</i> (Roxb.) Dubard	Tree	Oct.-May
202.		<i>Mimusops elengi</i> L.	Tree	April-Oct.

203.	EBENACEAE	<i>Diospyros malabarica</i> (Desr.) Kostel.	Tree	Throughout the year
204.		<i>Diospyros melanoxylon</i> Roxb.	Tree	Throughout the year
205.	OLEACEAE	<i>Jasminum arborescens</i> Roxb.	Shrub	March-May
206.		<i>Jasminum grandiflorum</i> L.	Shrub	Nov.-Feb.
207.		<i>Jasminum sambac</i> (L.) Aiton	Shrub	March-July
208.		<i>Nyctanthes arbor-tristis</i> L.	Small Tree	Sept.-Feb.
209.	APOCYNACEAE	<i>Alstonia scholaris</i> (L.) R.Br.	Tree	Dec.-March
210.		<i>Alstonia venenata</i> R.Br.	Tree	Introduced in FY 2025-26
211.		<i>Boucerosia frerei</i> (G.D.Rowley) Meve & Liede	Herb	Sept.-Jan.
212.		<i>Calotropis gigantea</i> (L.) W.T.Aiton	Shrub	Oct.-July
213.		<i>Calotropis procera</i> (Aiton) W.T.Aiton	Shrub	March-Aug.
214.		<i>Cascabela thevetia</i> (L.) Lippold	Shrub	Throughout Year
215.		<i>Catharanthus roseus</i> (L.) G.Don	Herb	Throughout Year
216.		<i>Cryptolepis buchananii</i> R.Br. ex Roem. & Schult.	Twining Shrub	May-Feb.
217.		<i>Gymnema sylvestre</i> (Retz.) R.Br. ex Sm.	Twining Shrub	Oct.-Dec.
218.		<i>Hemidesmus indicus</i> (L.) R.Br.	Twining Shrub	Aug.-Jan.
219.		<i>Holarrhena pubescens</i> Wall. ex G.Don	Tree	May-Feb.
220.		<i>Nerium oleander</i> L.	Shrub	April-Jan.
221.		<i>Plumeria alba</i> L.	Small Tree	March-Sept.
222.		<i>Plumeria rubra</i> L.	Small Tree	March-Nov.
223.		<i>Rauwolfia serpentina</i> (L.) Benth. ex Kurz	Undershrub	May-Sept.
224.		<i>Rauwolfia tetraphylla</i> L.	Undershrub	April-June
225.		<i>Stephanotis volubilis</i> (L.f.) S.Reuss, Liede & Meve	Climbing Shrub	June-Feb.
226.		<i>Tabernaemontana divaricata</i> (L.) R.Br. ex Roem. & Schult.	Shrub	Throughout the year
227.		<i>Vincetoxicum hirsutum</i> (Wall.) Kuntze	Twining Shrub	April-July
228.		<i>Vincetoxicum indicum</i> (Burm.f.) Mabb.	Twining Undershrub	June-Sept.
229.	<i>Wrightia arborea</i> (Dennst.) Mabb.	Tree	March-June	
230.	<i>Wrightia tinctoria</i> (Roxb.) R.Br.	Tree	March-Oct.	
231.	LOGANIACEAE	<i>Strychnos nux-vomica</i> L.	Tree	March-Jan.
232.		<i>Strychnos potatorum</i> L.f.	Tree	Oct.-March
233.	BORAGINACEAE	<i>Cordia dichotoma</i> G.Forst.	Tree	March-Aug.
234.		<i>Cordia macleodii</i> (Griff.) Hook.f. & Thomson	Tree	Feb.-June
235.	CONVOLVULACEAE	<i>Argyrea nervosa</i> (Burm.f.) Bojer	Climbing Shrub	Aug.-April
236.		<i>Cuscuta reflexa</i> Roxb.	Twining Herb	Oct.-April
237.		<i>Evolvulus alsinoides</i> (L.) L.	Decumbent Herb	July-Jan.
238.	SOLANACEAE	<i>Cestrum nocturnum</i> L.	Shrub	Throughout the year
239.		<i>Nicotiana plumbaginifolia</i> Viv.	Herb	Sept.-May
240.		<i>Solanum nigrum</i> L.	Herb	Throughout the year
241.		<i>Withania somnifera</i> (L.) Dunal	Undershrub	Oct.-May
242.	PLANTAGINACEAE	<i>Scoparia dulcis</i> L.	Herb	July-Dec.
243.	BIGNONIACEAE	<i>Fernandoa adenophylla</i> (Wall. ex G.Don) Steenis	Tree	Aug.-April
244.		<i>Handroanthus impetiginosus</i> (Mart. ex DC.) Mattos	Tree	March-May

245.		<i>Kigelia africana</i> (Lam.) Benth.	Tree	April-Dec.
246.		<i>Oroxylum indicum</i> (L.) Kurz	Tree	June-March
247.		<i>Parmentiera cereifera</i> Seem.	Tree	
248.		<i>Tecoma stans</i> (L.) Juss. ex Kunth	Shrub	Feb.-Oct.
249.	MARTYNIACEAE	<i>Martynia annua</i> L.	Herb	Aug.-Dec.
250.	ACANTHACEAE	<i>Andrographis paniculata</i> (Burm.f.) Wall. ex Nees	Herb	Dec.-July
251.		<i>Barleria cristata</i> L.	Undershrub	Oct.-March
252.		<i>Barleria prionitis</i> L.	Shrub	Oct.-May
253.		<i>Crossandra infundibuliformis</i> (L.) Nees	Undershrub	July-Oct.
254.		<i>Crossandra nilotica</i> Oliv.	Undershrub	July-Oct.
255.		<i>Elytraria acaulis</i> (L.f.) Lindau	Herb	Oct.-Jan.
256.		<i>Eranthemum pulchellum</i> Andrews	Shrub	Dec.-May
257.		<i>Justicia adhatoda</i> L.	Shrub	Dec.-March
258.		<i>Justicia gendarussa</i> Burm.f.	Shrub	March-Aug.
259.		<i>Ruellia tuberosa</i> L.	Herb	Aug.-April
260.	EUPHORBIACEAE	<i>Acalypha indica</i> L.	Herb	Aug- Feb
261.		<i>Croton bonplandianus</i> Baill.	Herb	May- March
262.		<i>Euphorbia antiquorum</i> L.	Shrub	Nov-Jan
263.		<i>Euphorbia hirta</i> L.	Herb	Throughout the year
264.		<i>Euphorbia tithymaloides</i> L.	Shrub	March-June
265.		<i>Jatropha curcas</i> L.	Shrub	May-Jan
266.		<i>Jatropha gossypifolia</i> L.	Shrub	Feb-Jun
267.		<i>Jatropha integerrima</i> Jacq.	Shrub	Throughout the year
268.		<i>Mallotus philippensis</i> (Lam.) Müll.Arg	Tree	Oct-March
269.		<i>Ricinus communis</i> L.	Shrub	Sept.-June
270.	OCHNACEAE	<i>Ochna obtusa</i> DC.	Tree	Feb.- March
271.	CLUSIACEAE	<i>Garcinia indica</i> (Thouars) Choisy	Tree	Introduced in FY 2025-26
272.		<i>Garcinia dhanikhariensis</i> S.K.Srivast.	Tree	Introduced in FY 2025-26
273.	ACHARIACEAE	<i>Hydnocarpus pentandrus</i> (Buch.-Ham.) Oken	Tree	Introduced in FY 2025-26
274.	CALOPHYLLACEAE	<i>Calophyllum inophyllum</i> L.	Tree	Introduced in FY 2025-26
275.	MALPIGHIACEAE	<i>Hiptage benghalensis</i> (L.) Kurz	Tree	Introduced in FY 2025-26
276.	PUTRANJIVACEAE	<i>Putranjiva roxburghii</i> Wall.	Tree	March- Oct
277.	PHYLLANTHACEAE	<i>Phyllanthus acidus</i> (L.) Skeels	Tree	May-July
278.		<i>Phyllanthus amarus</i> Schumach. & Thonn.	Herb	July-Dec
279.		<i>Phyllanthus emblica</i> L.	Tree	Feb-Dec
280.		<i>Phyllanthus urinaria</i> L.	Herb	July-Nov.
281.	CANNABACEAE	<i>Trema orientale</i> (L.) Blume	Shrub	Nov.-April

282.		<i>Cannabis sativa</i> L.	Herb	March-Nov.
283.	ULMACEAE	<i>Holoptelea integrifolia</i> (Roxb.) Planch.	Tree	Feb.-May
284.	MORACEAE	<i>Artocarpus heterophyllus</i> Lam.	Tree	Dec. - July
285.		<i>Artocarpus lacucha</i> Buch.-Ham.	Tree	Dec.-Aug.
286.		<i>Ficus benghalensis</i> L.	Tree	April-July
287.		<i>Ficus elastica</i> Roxb. ex Hornem.	Small Tree	Jan.-June
288.		<i>Ficus krishnae</i> C.DC.	Tree	Oct.-Jan.
289.		<i>Ficus hispida</i> L.f.	Small Tree	March-July
290.		<i>Ficus racemosa</i> L.	Tree	Feb.-June
291.		<i>Ficus religiosa</i> L.	Tree	March- Sept.
292.		<i>Ficus virens</i> Aiton	Tree	Dec.-June
293.		<i>Ficus benamina</i> L.	Tree	July-Dec.
294.		<i>Ficus maclellandii</i> King	Tree	May-June
295.		<i>Morus alba</i> L.	Small Tree	Jan.-May
296.		<i>Broussonetia papyrifera</i> (L.) L'Hér. Ex Vent.	Small Tree	Dec.-May
297.		LAMIACEAE	<i>Coleus amboinicus</i> Lour.	Herb
298.	<i>Mesosphaerum suaveolens</i> (L.) Kuntze		Undershrub	Oct.-Jan.
299.	<i>Ocimum basilicum</i> L.		Herb	Aug.-Feb.
300.	<i>Ocimum tenuiflorum</i> L.		Herb	Throughout the year
301.	<i>Salvia spinosa</i> subsp. <i>spinosa</i>		Undershrub	Sept.-Dec.
302.	<i>Clerodendrum indicum</i> (L.) Kuntze		Shrub	April-Dec.
303.	<i>Rotheca serrata</i> (L.) Steane & Mabb.		Shrub	July-Nov.
304.	<i>Gmelina arborea</i> Roxb. ex Sm.		Tree	Feb.-July
305.	<i>Tectona grandis</i> L.f.		Tree	Aug.-Jan.
306.	<i>Vitex negundo</i> L.		Shrub	June-Dec.
307.	<i>Vitex rotundifolia</i> L.f.		Shrub	June-Aug.
308.	VERBENACEAE	<i>Duranta erecta</i> L.	Shrub	Throughout the year
309.		<i>Lantana camara</i> L.	Shrub	Throughout the year
310.		<i>Petrea volubilis</i> L.	Climbing shrub	Feb.-April
311.	AMARANTHACEAE	<i>Achyranthes aspera</i> L.	Herb	Aug.-April

312.		<i>Aerva lanata</i> (L.) Juss. ex Schult.	Herb	Nov.-March
313.		<i>Alternanthera sessilis</i> (L.) DC.	Herb	Throughout the year
314.	NYCTAGINACEAE	<i>Boerhavia diffusa</i> L.	Herb	Aug.-March
315.		<i>Commicarpus chinensis</i> (L.) Heimerl	Herb	Aug.-April
316.		<i>Mirabilis jalapa</i> L.	Herb	Throughout the year
317.	BASELLACEAE	<i>Basella alba</i> L.	Herb	March-Dec.
318.	PETIVERIACEAE	<i>Rivina humilis</i> L.	Herb	Aug.-Jan.
319.	POLYGONACEAE	<i>Antigonon leptopus</i> Hook. & Arn.	Climbing undershrub	July- Dec.
320.		<i>Persicaria decipiens</i> (R.Br.) K.L.Wilson	Herb	Sept.-Feb.
321.	PIPERACEAE	<i>Piper longum</i> L.	Herb	June-Sept.
322.		<i>Piper nigrum</i> L.	Climbing undershrub	July- March
323.		<i>Piper retrofractum</i> Vahl	Scandent undershrub	Sept.-March
324.	LAURACEAE	<i>Beilschmiedia roxburghiana</i> Nees	Tree	March- May
325.		<i>Cinnamomum tamala</i> (Buch.-Ham.) T.Nees & C.H.Eberm.	Tree	May- Oct.
326.		<i>Cinnamomum verum</i> J.Presl	Tree	Introduced in FY 2025-26
327.		<i>Litsea glutinosa</i> (Lour.) C.B.Rob.	Small Tree	March-Nov.
328.	LORANTHACEAE	<i>Dendrophthoe falcata</i> (L.f.) Ettingsh.	Parasitic shrub	Nov.-April
329.	SANTALACEAE	<i>Santalum album</i> L.	Small Tree	Oct.-April
330.	AMARYLLIDACEAE	<i>Allium tuberosum</i> Rottler ex Spreng.	Herb	Aug.-Sept.
331.	ASPHODELACEAE	<i>Aloe vera</i> (L.) Burm.f.	Succulent herb	Nov.- May
332.	ASPARAGACEAE	<i>Asparagus gonocladus</i> Baker	Straggling spiny undershrub	July-Nov.
333.		<i>Asparagus setaceus</i> (Kunth) Jessop	Herb	Oct.-Feb.
334.		<i>Asparagus racemosus</i> Willd.	Straggling spiny undershrub	June-Nov.
335.		<i>Chlorophytum arundinaceum</i> Baker	Herb	June-Sept.
336.		<i>Chlorophytum tuberosum</i> (Roxb.) Baker	Herb	May-Dec.
337.	COLCHICACEAE	<i>Gloriosa superba</i> L.	Climbing Herb	July-Nov.
338.	COMMELINACEAE	<i>Commelina benghalensis</i> L.	Herb	July-Dec.
339.		<i>Commelina caroliniana</i> Walter	Herb	Aug.-Nov.
340.		<i>Tradescantia spathacea</i> Sw.	Herb	Almost throughout the year
341.	ARECACEAE	<i>Adonidia merrillii</i> (Becc.) Becc.	Tree	Introduced in FY 2025-26

342.		<i>Areca triandra</i> Roxb. ex Buch.-Ham.	Small Tree	Introduced in FY 2025-26
343.		<i>Bentinckia condapanna</i> Berry ex Roxb.	Tree	Introduced in FY 2025-26
344.		<i>Bentinckia nicobarica</i> (Kurz) Becc.	Tree	Introduced in FY 2025-26
345.		<i>Borassus flabellifer</i> L.	Tree	March-Oct.
346.		<i>Calamus tenuis</i> Roxb	Shrub	July- Dec.
347.		<i>Caryota urens</i> L.	Tree	April-Oct.
348.		<i>Chrysalidocarpus lutescens</i> H.Wendl.	Shrub	Sept.-Jan.
349.		<i>Livistona chinensis</i> (Jacq.) R.Br. ex Mart.	Tree	Dec.-June
350.		<i>Phoenix acaulis</i> Roxb.	Small Tree	Feb.-July
351.		<i>Phoenix sylvestris</i> (L.) Roxb.	Tree	Jan.-Oct.
352.		<i>Roystonea regia</i> (Kunth) O.F.Cook	Tree	Sept.-June
353.	PANDANACEAE	<i>Pandanus leram</i> Jones ex R.Millar	Tree	Introduced in FY 2025-26
354.		<i>Pandanus utilis</i> Bory	Shrub	April-Aug.
355.	ACORACEAE	<i>Acorus calamus</i> L.	Rhizomatous Herb	Feb.June
356.	ARACEAE	<i>Colocasia esculenta</i> (L.) Schott	Herb	Aug.-Nov.
357.		<i>Monstera deliciosa</i> Liebm.	Straggling shrub	Sept.-Dec.
358.		<i>Pistia stratiotes</i> L.	Herb	Nov.-Jan.
359.		<i>Typhonium trilobatum</i> (L.) Schott	Herb	April-Sept.
360.		<i>Lemna gibba</i> L.	Tiny aquatic herb	Sept.-Dec.
361.		<i>Wolffia arrhiza</i> (L.) Horkel ex Wimm.	Small aquatic herb	July-Nov.
362.	CYPERACEAE	<i>Cyperus alternifolius</i> L.	Herb	July-Oct.
363.		<i>Cyperus compressus</i> L.	Herb	July-Oct.
364.		<i>Cyperus difformis</i> L.	Herb	Aug.-Dec.
365.		<i>Cyperus rotundus</i> L.	Rhizomatous herb	June-Dec.
366.		<i>Fimbristylis dichotoma</i> (L.) Vahl	Herb	May-Oct.
367.		<i>Cyperus mindorensis</i> (Steud.) Huygh	Herb	June- Aug.
368.		<i>Cyperus dubius</i> Rottb.	Herb	Aug.- Oct.
369.	ORCHIDACEAE	<i>Vanda tessellata</i> (Roxb.) Hook. ex G.Don	Herb	March-Oct.
370.		<i>Rhynchostylis retusa</i> (L.) Blume	Herb	May-Aug.
371.	POACEAE	<i>Acrachne racemosa</i> (B. Heyne ex	Herb	July-Dec

		Roem. &Schult.) Ohwi		
372.		<i>Apluda mutica</i> L.	Herb	Oct-March
373.		<i>Aristida adscensionis</i> L.	Herb	Aug. -Jan.
374.		<i>Bambusa bambos</i> (L.) Voss	Shrub	Flowering not reported under cultivation
375.		<i>Bambusa nutans</i> Wall. ex Munro	Shrub	Flowering not reported under cultivation
376.		<i>Bambusa tulda</i> Roxb	Shrub	Flowering not reported under cultivation
377.		<i>Bambusa vulgaris</i> Schrad. ex J.C. Wendi.	Shrub	Flowering not reported under cultivation
378.		<i>Bothriochloa bladhii</i> (Retz.) S. T. Blake	Herb	Sept. - Jan
379.		<i>Chloris barbata</i> Sw.	Herb	Sept. - Dec.
380.		<i>Cymbopogon citratus</i> (DC.) Stapf	Herb	Oct.-Dec.
381.		<i>Cynodon dactylon</i> (L.) Pers.	Herb	Oct.-Dec.
382.		<i>Dactyloctenium aegyptium</i> (L.) Willd.	Herb	Almost throughout the year
383.		<i>Dendrocalamus strictus</i> (Roxb.) Nees	Herb	Nov.-June
384.		<i>Digitaria abludens</i> (Roem. & Schult.) Veldkamp	Herb	Sept.-Nov
385.		<i>Digitaria ciliaris</i> (Retz.) Koeler	Herb	Aug.-Nov
386.		<i>Digitaria sanguinalis</i> (L.) Scop.	Herb	Sept. - Dec
387.		<i>Echinochloa colona</i> (L.) Link	Herb	July- Dec.
388.		<i>Eragrostis ciliaris</i> (L.) R. Br.	Herb	Aug.-Dec.
389.		<i>Paspalidium flavidum</i> (Retz.) A. Camus	Herb	July-Nov
390.		<i>Setaria verticillata</i> (L.) P. Beauv.	Herb	Sept.-Dec.
391.		<i>Vetiveria zizanioides</i> (L.) Nash	Herb	Aug. - Jan.
392.	ZINGIBERACEAE	<i>Alpinia calcarata</i> (Andrews) Roscoe	Herb	Dec.-June
393.		<i>Amomum subulatum</i> Roxb.	Rhizomatous herb	April-Aug.
394.		<i>Curcuma caesia</i> Roxb.	Rhizomatous herb	May-Aug.
395.		<i>Curcuma longa</i> L.	Rhizomatous herb	Aug.-Dec.
396.		<i>Globba marantina</i> L.	Herb	May-Aug.
397.		<i>Hedychium coronarium</i> J. Koenig	Herb	May-Oct.
398.		<i>Kaempferia angustifolia</i> Roscoe	Herb	July-Nov.
399.		<i>Zingiber roseum</i> (Roxb.) Roscoe	Herb	Aug.-Nov.
400.		<i>Zingiber zerumbet</i> (L.) Roscoe ex Sm.	Herb	Aug.-Oct.
401.	COSTACEAE	<i>Costus pictus</i> D.Don	Herb	May-Nov.
402.		<i>Hellenia speciosa</i> (J.Koenig) S.R.Dutta	Herb	Aug.-Jan.
403.	MUSACEAE	<i>Musa × paradisiaca</i> L.	Shrub	March-Sept.
404.	STRELITZIACEAE	<i>Ravenala madagascariensis</i> Sonn.	Tree	Aug.-Dec.
405.	CANNACEAE	<i>Canna indica</i> L.	Herb	Throughout the year

406.	AMARYLLIDACEAE	<i>Crinum asiaticum</i> L.	Herb	June-Dec.
407.	HYPOXIDACEAE	<i>Curculigo orchioides</i> Gaertn.	Rhizomatous herb	June-Sept.
408.	ASPARAGACEAE	<i>Agave americana</i> L.	Shrub	Feb.-May
409.		<i>Dracaena fragrans</i> (L.) Ker Gawl.	Shrub	June-Sept.
410.		<i>Dracaena angolensis</i> (Welw. ex Carrière) Byng & Christenh.	Herb	Dec.-March
411.		<i>Yucca gloriosa</i> L.	Shrub	Aug.-Jan.
412.	DIOSCOREACEAE	<i>Dioscorea bulbifera</i> L.	Climbing herb	Aug.-Dec.
413.		<i>Dioscorea hispida</i> Dennst.	Spiny climbing undershrub	June-Nov.
414.	CASUARINACEAE	<i>Casuarina equisetifolia</i> L.	Tree	Feb.-July
415.	ARAUCARIACEAE	<i>Agathis robusta</i> (C.Moore ex F.Muell.) F.M.Bailey	Tree	Flowering not reported under cultivation
416.	ARAUCARIACEAE	<i>Araucaria cunninghamii</i> Mudie	Tree	Flowering not reported under cultivation
417.	CUPRESSACEAE	<i>Platycladus orientalis</i> (L.) Franco	Shrub	Aug.- Dec.
418.	CYCADACEAE	<i>Cycas riuminiana</i> M.Porte ex Regel	Small Tree	Dec.-June
419.		<i>Cycas revoluta</i> Thunb.	Small Tree	April-June
420.		<i>Cycas rumphii</i> Miq.	Small Tree	April-June
421.	ZAMIACEAE	<i>Zamia integrifolia</i> L.f.	Shrub	Throughout the year
422.		<i>Zamia pumila</i> L	Shrub	Throughout the year
423.		<i>Zamia furfuracea</i> L.f. ex Aiton	Shrub	Throughout the year

Table 2. Threatened plants of CRC garden

1.	<i>Abrus precatorius</i> L. - Near Threatened in MP& CG
2.	<i>Acorus calamus</i> L.- Endangered in Chhattisgarh& MP
3.	<i>Andrographis paniculata</i> (Burm.f.)Nees - Vulnerable in CG & MP
4.	<i>Anogeissus latifolia</i> (Roxb. ex DC.) Wall. - Near Threatened in MP
5.	<i>Asparagus racemosus</i> Willd. - Near Threatened in MP& CG
6.	<i>Borassus flabellifer</i> L.- Vulnerable in entire India
7.	<i>Buchanania lanzan</i> Spreng- Near Threatened in MP
8.	<i>Careya arborea</i> Roxb. - Vulnerable in MP
9.	<i>Chlorophytum tuberosum</i> (Roxb.) Baker
10.	<i>Commiphora wightii</i> (Arn.) Bhandari- Critically Endangered in MP
11.	<i>Cordia macleodii</i> Hook.f. & Thomson-Endangered in MP
12.	<i>Dalbergia latifolia</i> Roxb. - Vulnerable in MP
13.	<i>Dichrostachys cinerea</i> Wight& Arn. - Vulnerable in MP
14.	<i>Garcinia indica</i> (Thouars) Choisy- Vulnerable in India
15.	<i>Gloriosa superba</i> L. – Vulnerable in Chhattisgarh& MP
16.	<i>Gmelina arborea</i> Roxb. - Vulnerable in MP

17.	<i>Grewia asiatica</i> L.- Critically Endangered in MP
18.	<i>Gymnema sylvestre</i> (Retz.) R.Br. ex Sm. - Vulnerable in MP &CG
19.	<i>Hydnocarpus pentandrus</i> (Buch.-Ham.) Oken- Vulnerable in India
20.	<i>Hymenodictyon orixense</i> (Roxb.) Mabb- Near Threatened in MP
21.	<i>Oroxylum indicum</i> (L.) Kurz - Vulnerable in MP
22.	<i>Phyllanthus emblica</i> L. - Vulnerable in MP &CG
23.	<i>Piper longum</i> L. - Vulnerable in CG
24.	<i>Plumbago zeylanica</i> L. - Vulnerable in MP &CG
25.	<i>Pterocarpus marsupium</i> Roxb. - Vulnerable in MP
26.	<i>Rauvolfia serpentina</i> (L.) Benth. ex Kurz- Vulnerable in MP &CG
27.	<i>Santalum album</i> L.- Vulnerable in entire India
28.	<i>Saraca asoca</i> (Roxb.) Willd.- Vulnerable
29.	<i>Schleichera oleosa</i> (Lour.) Merr- Near Threatened in MP
30.	<i>Spondias pinnata</i> (L.f.) Kurz- Near Threatened in MP
31.	<i>Sterculia urens</i> Roxb. - Vulnerable in MP
32.	<i>Terminalia anogeissiana</i> Gere & Boatwr. - Near Threatened in MP& CG
33.	<i>Terminalia chebula</i> Retz- Near Threatened in MP
34.	<i>Wrightia arborea</i> (Dennst.) Mabb.
35.	<i>Wrightia tinctoria</i> (Roxb.) R.Br.- Vulnerable in MP
36.	<i>Xanthoxylum armatum</i> DC.– Endangered for Central India

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