

**BEFORE THE NATIONAL GREEN TRIBUNAL,
EASTERN ZONE BENCH, KOLKATA
Original Application No. 65 of 2024(EZ)**

IN THE MATTER OF:

Subhas Datta

.....Applicant

Versus

Union of India & Ors.

.....Respondent(s)

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IN THE MATTER OF:

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COUNTER AFFIDAVIT ON BEHALF OF RESPONDENT No. 1, 3 &

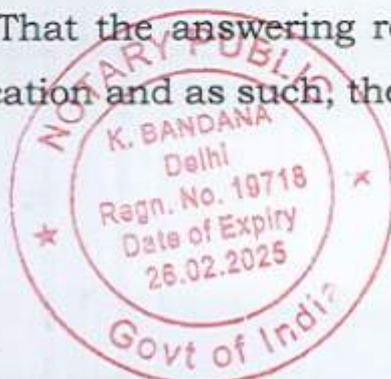
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MOST RESPECTFULLY SHOWETH:

I, Geeta Bhatnagar, aged 59 years, currently working as Under Secretary in the Ministry of Environment, Forest and Climate Change (MoEF&CC), at Indira Paryavaran Bhawan, Jor Bagh, Delhi- 110003 do hereby solemnly affirm and state as under: -

1. I am duly authorized to sign, verify and file this Counter Affidavit and as such competent to defend this case on behalf of the Respondent No. 1 i.e (Ministry of Environment Forests and Climate Change), Respondent No. 3 i.e (Botanical Survey of India) and Respondent No. 4 i.e. (AJC Bose Indian Botanical Garden). That the answering respondents have gone through the Application and as such, the answering respondents denies

Geeta Bhatnagar



each and every averments and/ or submissions made in the instant Original Application which is contrary to and inconsistent with the averments made and facts stated in the present counter affidavit.

2. That the applicant has filed this instant application being aggrieved by the inaction of the respondent authorities in preserving and maintaining the historic and heritage garden i.e Indian Botanic Garden, Howrah.
3. That the applicant has broadly raised fifteen allegations against the ill action of the respondent authorities in maintaining and preserving the Indian Botanical Garden at Howrah. That the answering respondents in the instant counter affidavit has replied para wise to the allegations as alleged by the applicant.
4. That the replies to each alleged ground are mentioned as follows:

i. **Allegation 1: Garden turning into a park**

Reply: It is submitted that the mandate of AJC Bose Indian Botanic Garden, Howrah, hereinafter referred to as (AJCBIBG), under the Botanical Survey of India hereinafter referred to as (BSI), Kolkata, Ministry of Environment, Forest and Climate Change, hereinafter referred to as (MoEF&CC), Government of India (GoI), New Delhi, is *ex-situ* conservation of endemic, threatened as well as economically important, medicinal and wild edible plants

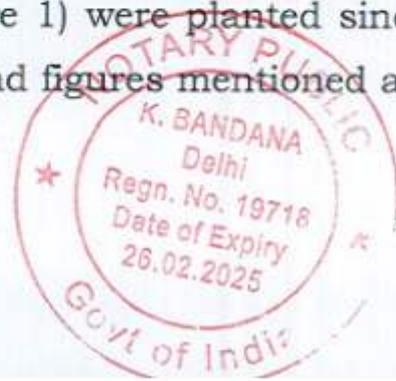
Abhinav



from different geographic regions of the country as well as studying their taxonomic stature.

The garden authority has planted many endemic and threatened plants which includes Red Sanders (*Pterocarpus santalinus* L.f.), White Sanders (*Santalum album* L.), Asoca (*Saraca asoca* (Roxb.) W.J.de Wilde), Mahogany (*Swietenia macrophylla* King), etc. and following avenues viz. Red Sanders Avenue at (figure 1 a-c; newspapers cuttings d-e of Annexure 1), White Sanders Avenue (figure 2 of Annexure 1), Saraca Avenue (figure 3 of Annexure 1) and Branching Palm Avenue (figure 4 a-d of Annexure 1) were recently developed; as well as pre-existing avenues viz. Mahogany (figure 5 a-b of Annexure 1), Palmyra (figure 6a-b of Annexure 1), Polyalthia (figure 7a-b of Annexure 1), Brownea (figure 8a & figure 8b of Annexure 1) were refilled with new plants. Apart from these, many endemic plants (*Bentickia nicobarica* (Kurz) Becc., *B. condapanna* Berry ex Roxb., *Hardwickia binata* Roxb., *Cycas beddomei* Dyer, *Diospyros malabarica* (Desr.) Kostel., etc.); threatened plant species—Critically Endangered (*Aquillaria malaccensis* Lam. (figure 8a of Annexure 1), *Commiphora wightii* (Arn.) Bhandari), Endangered (*Heriteria fomes* Banks, *Syzygium caryophyllatum* (L.) Alston), Vulnerable (*Garcinia indica* Choisy, *Dalbergia latifolia* Roxb.) and many more native plants (figure 8b of Annexure 1) were planted since June 2021. All the photographs and figures mentioned as above

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are annexed herein as **Annexure 1**. The list of all the plants planted at AJCBIBG are annexed herein as **Annexure 2**.

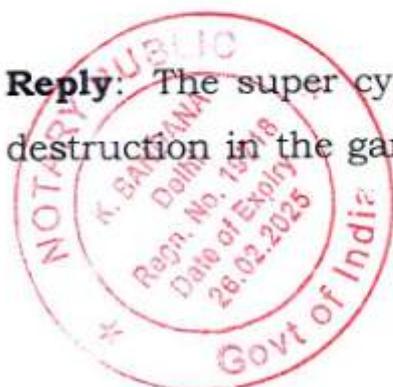
Further, for conservation of native, endemic, threatened, medicinal and economically important, wild edible species and wild relatives of crop and ornamental plants and natural habitat, the garden authority has recently developed Rosarium (with 300 cultivars) (figure 9 a-d of Annexure 1), Aquatic Plant Section (approximately 90 cultivars of *Nelumbo*, *Nymphaea* and other wild aquatic plants) (figure 10a-d of Annexure 1), Hibiscus section (with 100 cultivars of *Hibiscus* including 9 wild species) (figure 11a-b of Annexure 1), Nature Trail (with 300 species) (figure 12a-c of Annexure 1), Wild Edible Fruit Section (with 70 species) (figure 13a-d of Annexure 1).

Therefore, it is evident that the AJCBIBG, under BSI, MoEF&CC, GoI, is working towards the *ex-situ* conservation of endemic, threatened as well as economically important, medicinal and wild edible plants as per the regular mandates. Thus, allegations alleged by the applicant is irrelevant and baseless.

ii. **Allegation 2: Reduction of total green cover**

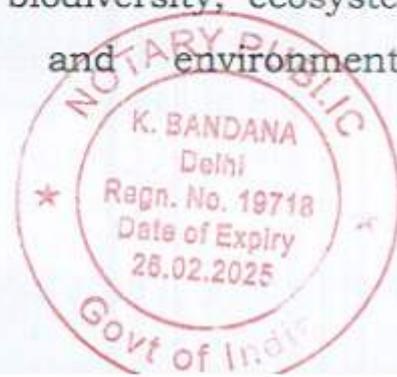
Reply: The super cyclone Amphan in 2022 led to lot of destruction in the garden, including collapse of trees and

G. Kalnagar



structures. to ensure public safety, the clearing of ruins and debris (figure 14a-b of Annexure 1) took place. to recompense for the damage, several plantation programmes on different occasions like World Environment Day, Van Mahotsav, Independence Day, Republic Day, World Biodiversity Day were arranged (figure 15a-d of Annexure 1) to recover from the diminution in green cover of the garden by Amphan which will take due time to restore. Further, as part of the regular maintenance, the ground cover especially invasive species (figure 16a-c of Annexure 1) are usually removed (figure 17a-d of Annexure 1) without disturbing the other biodiversity. Aquatic invasive such as Water Hyacinths are regularly removed to maintain aquatic ecosystem within the garden (figure 18a-d, 19a-d of Annexure 1). As it is well known that invasive species are non-native organisms that, when exposed to a new environment, can spread rapidly outcompete the native species for resources such as food, water, and habitat, leading to decline in native biodiversity, ultimately causing harm to that ecosystem as well as human health. Invasive species can also disrupt ecosystem functions, alter habitats, spread diseases, and directly or indirectly affect human activities as well as health. Hence, the removal of invasive species from botanical gardens is essential for maintaining native biodiversity, ecosystem integrity, educational values, and environmental

G. Bhatnagar



sustainability. It supports the mandate of botanical gardens to conserve and showcase plant diversity while promoting public awareness of conservation issues as well as on native and threatened plants.

It is clearly evident from the satellite images attached as Annexure P/1, page no. 21-46, of the original application (OA) number 65/2024(EZ) submitted by the applicant before the Hon'ble National Green Tribunal (NGT), Eastern Zone (EZ), Kolkata, that the invasive spread has been controlled at time intervals inside the garden in different divisions and lakes as part of the regular maintenance and plantation after Amphan.

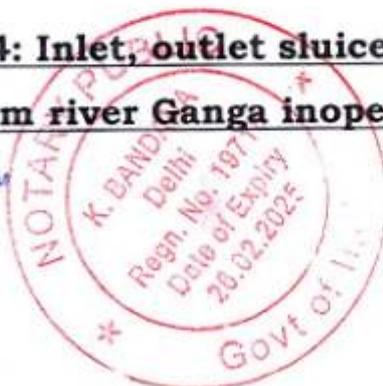
iii. **Allegation 3: Inter connectivity of the lakes are lost**

Reply: It is submitted that all the lakes and interconnection pipes are cleaned and maintained on regular intervals and inter-connections are fully functional. Water movement from one lake to another is also perfectly working (figure 20a-d of Annexure 1).

Therefore, the allegation made by the applicant regarding lost interconnection between the lakes are false and baseless.

iv. **Allegation 4: Inlet, outlet sluice gates and the circular channel from river Ganga inoperative**

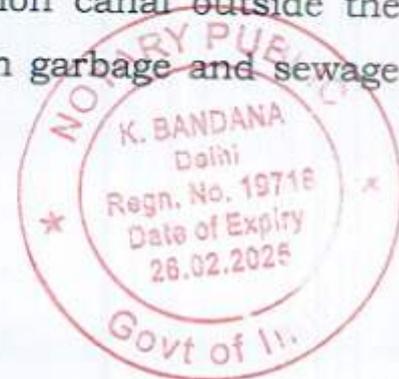
G. Kalwaga



Reply: It is submitted that both the sluice gates are perfectly functional (figure 21a-d of Annexure 1). However, the continuous inflow of sewage, including non-degradable plastic from neighboring areas, into the circular canal has become a persistent issue, in this regard the respondent had already apprised this issue to West Bengal Pollution Control Board and Howrah Municipal Corporation. Relevant communication regarding such annexed herein as **Annexure- 3 & 4** respectively. Regular monitoring of both the sluice gates and cleaning of circular canal (figure 22a-b) are done by the garden authority and staff.

The said lock gate, photograph of which is attached as Annexure - P/2 by the applicant in the OA, is not used for entry of water to Leram Lake from the River Hooghly. The water flows to the Leram Lake through the Sluice gate 1 (figure 21d) which is functional. The said lock gate is intact (figure 23 a-b) at present in the parking area and not been affected by the development of parking. However, the lock gate was used to serve as a connection between the Leram lake and the lakes of Indian Institute of Engineering Science and Technology (IEST, erstwhile Bengal Engineering College) campus which was the part of the AJCBIBG in distant past and had been suspended since long back due to the interconnection canal outside the garden boundary being choked with garbage and sewage (figure 24).

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v. **Allegation 5: Migratory birds not coming to lakes**

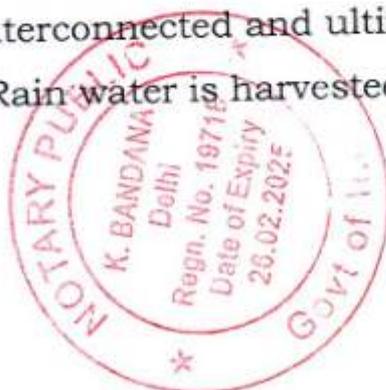
Reply: In this regard it is submitted that the interconnected lakes in AJC Bose Indian Botanic Garden are consistently monitored and managed. Regular cleaning of water bodies to keep the aquatic environment of the garden maintained and up keeping of ecosystem networks are being monitored regularly. Many species of birds are resident of this garden and many do visit the garden time to time (figure 25 a-f of Annexure 1).

vi. **Allegation 6: Construction of bitumen road/avenue recklessly inside the garden**

Reply: It is submitted that there are many wide/small roads and footpaths inside the garden. However, neither any new construction of road, nor any widening of roads in the garden has taken place. The garden authority has also requested Central Public Works Department (CPWD), Kolkata vide Letter no. BSI/AJCBIBG/1/1/2020/Civil (CPWD)/Adm./3845 dt., 18.03.2024 to undertake repairing works of road with eco-friendly materials. That the copy of letter dated 18.03.2024 is annexed herein as **Annexure 5.**

Moreover, the garden has 26 lakes in various divisions and all are interconnected and ultimately connected with river Ganga. Rain water is harvested during the rainy days into

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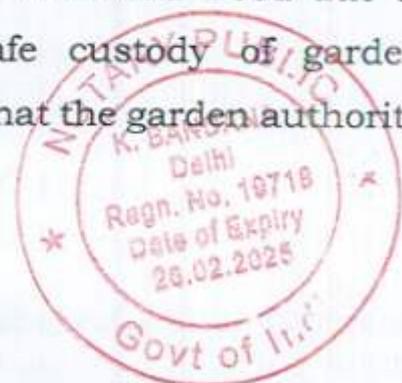
these lakes, which are circulated through interconnections of the lakes. Also, more than 90% of the land cover of the garden has open soil and vegetation through which adequate rain water seeps in underground. The roads are not the obstacle to level up ground water.

vii. **Allegation 7: Illegal cutting of trees**

Reply: It is submitted that no living plant has been cutdown by the answering respondent. It is pertinent to mention herein that due to the cyclone Amphan, many trees had fallen and uprooted including Mahogany. The garden authority has been trying to clear fallen, uprooted and dead trees from last two to three years through West Bengal State Forest Development Corporation Ltd. in different phases. That the communication through Letter no. AJCBIBG-232/8/2014-Tech. (Misc./others), dated, 25.09.2020 and Letter no. AJCBIBG-2022(Admn.)/1063, dated, 24.08.2023 is annexed herein as **Annexure 6 & 7** respectively. Such timbers lots are auctioned by the West Bengal State Forest Development Corporation Ltd. Phase I of such timber lot formation and auction has been completed while disposal is almost finished and lot formation of phase II is in progress details of which are annexed herein as **Annexure 8 & 9**.

Fallen, uprooted and dead tree logs of sandal-wood due to cyclone have been taken into safe custody of garden authority. It is pertinent to mention that the garden authority

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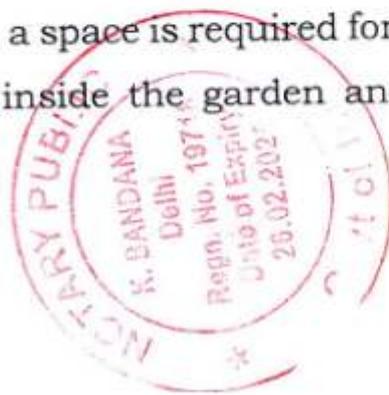


has recently developed two avenues named after Sandalwoods, Red Sanders Avenue with Red sandal-wood (*Pterocarpus santalinus* L.f.) and White Sanders Avenue with White sandal-wood (*Santalum album* L.) on both sides of the respective avenues near Large Palm House (figure 1, 2 of Annexure 1).

viii. **Allegation 8: Unauthorized use of timber of mahogany tree used for aesthetic purpose**

Reply: It is submitted that the AJC Bose Indian Botanic Garden has a reputation of more than 235 years worldwide and many people come to visit this garden throughout the year from different corners of the country as well as world. It is wrong to say that the garden authority is trying to upgrade this garden to a tourist spot. It already has its popularity amongst the local people and tourists. Keeping in view of the convenience of more than 8000 regular morning walkers and 5 lakhs visitors per annum to this garden which is spanning over 273 acres, the garden authority has repaired or created minimal facilities viz., a) sitting benches, b) drinking water units, c) public toilets, d) dustbins, e) road and vantage point signages, inside the garden which are the basic humanitarian necessities for the visitors and public, with prior permission from the competent authority. It is also to mention, a space is required for the visitors as well as officials working inside the garden and the food are available only

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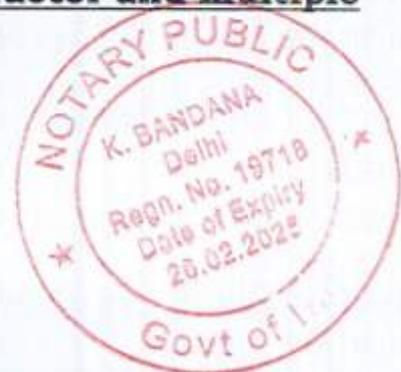
outside the two gates which are almost 2 km away from each other. The cafeteria is required inside the garden and it has been developed with prior permission of the Joint Management Committee (JMC). The round tables for use outside cafeteria was made from the uprooted and dead trees due to Amphan, after taking prior permission from competent authority. The same is annexed herein as **Annexure-10**.

ix. **Allegation 9: Thousands of fallen/ damaged/ cut-down logs scattered/heaped at different places**

Reply: It is submitted that, as a result of severe destruction due to Amphan in AJC Bose Indian Botanic Garden, numerous matured trees were either completely uprooted or partially fallen down. Other than that, many trees were partially damaged, half broken. To recover from the ruins and debris left due to Amphan, it was requested to West Bengal Forest Development Corporation Ltd. for help and clearing of fallen and damaged tree timbers from the garden. West Bengal Forest Development Corporation initiated the timber lot formation and eventually auctioning them to remove those from the garden. Phase-I of timber lot formation and auction has already been completed by the aforementioned department and Phase-II is in process.

x. **Allegation 10: Frequent uses of JCB, tractor and multiple mechanical equipment in the garden**

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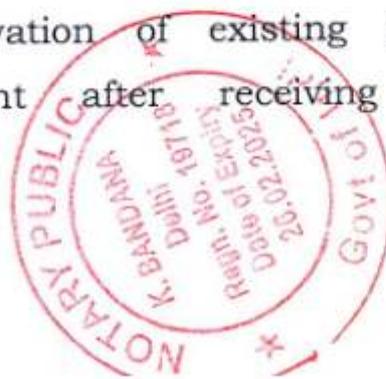
Reply: It is submitted that the JCB, tractor and chainsaw are used for re-establishment of fallen and uprooted trees or in any emergency situations (figure 26a-e of Annexure -1) as and when required whereas brush-cutter is used for regular de-weeding and clearing of invasive species in such big 273 acres garden which is manually not possible to clear all the weeds.

xi. **Allegation 11: Construction of metallic parking space inside the garden**

Reply: It is to submit that the parking space of the garden was already existing earlier. However, due to non-usage of the parking space for a long time, invasive herbs and shrubs crowded that area and damaging the eastern boundary wall of the garden. In addition to the scrub of invasives, it also became the garbage and waste dumping zone by the neighboring people residing outside the eastern boundary of the garden. To maintain the boundary wall, some of the common trees were trimmed and removed which were adversely growing on the garden boundary wall and posed risks to the local residents staying along outside of the garden boundary. The said action was also informed to the District Magistrate, Howrah which is annexed herein as **Annexure 11.**

The renovation of existing parking space is under development after receiving several prayers from

C. K. Mahapatra



schools/colleges/institution from various districts of West Bengal and other states of India for their educational visit to the garden as part of their curriculum. During the visit they face a lot of troubles to park their vehicles/school busses. This renovation work is with the approval of Joint Management Committee (JMC) of the garden chaired by the Chief Secretary of West Bengal State and competent authority in 2023.

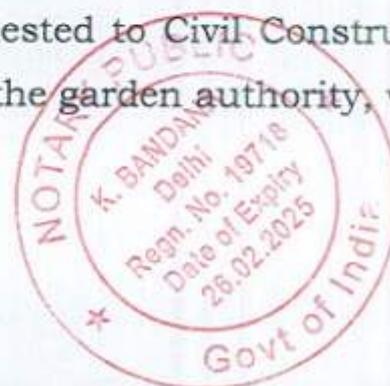
xii. **Allegation 12: Discontinuation of battery driven and/or electrical vehicles for visitors**

Reply: In this regard it is submitted that the previously introduced battery driven/electric vehicles were discontinued after Covid-19 and Amphan and the tendering process has been initiated again by the garden authority the same can be referred at **Annexure 12 & 13**. The authority is allowing private electric vehicles inside the garden for physically challenged people, senior citizens, children etc. upon their request to the authority, till the tender to be awarded.

xiii. **Allegation 13: Plenty of old and abandoned concrete structures inside the garden**

Reply: It is submitted that estimates for the restoration of old buildings were already requested to Civil Construction Unit (CCU), MoEF&CC, GoI, by the garden authority, which

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is under consideration. The letter dated 05.03.2024 is annexed herein as **Annexure 14**.

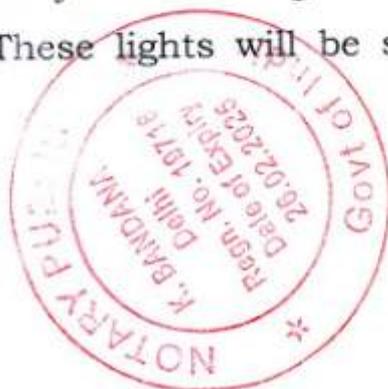
xiv. **Allegation 14: Theft and loss of all historical items from Roxburgh Museum**

Reply: It is submitted that there is nothing called as Roxburgh Museum inside the AJC Bose Indian Botanic Garden. The first building erected inside the garden was on 1795 by William Roxburgh for his residential and plant taxonomic research purpose which is known as Roxburgh's house throughout the World, situated on the western bank of River Hooghly inside the AJC Bose Indian Botanic Garden. William Roxburgh during his tenure as superintendent of the garden used to store his herbarium specimens in this building. All of his collections were shifted long back to the New Herbarium building (Central National Herbarium).

xv. **Allegation 15: Installation of tall lamp posts inside the garden**

Reply: The earlier existing lamp posts are much taller and damaged due to cyclones which are now being removed and much shorter lamp posts are being installed along the main pathways with low light intensity (figure 27a-b of Annexure 1). These lights will be switched off after leaving of the

G. Bhalwagar



visitors, academicians, staff from the garden which is not at all detrimental to the flora and fauna of the garden.

5. Thus in view of the aforementioned facts and circumstances, this Hon'ble Tribunal may kindly be pleased to dispose of the present application or may pass appropriate order(s) as deem fit.

Handwritten signature
IDENTIFIED
(Adv. Ashok Gupta)

VERIFICATION

Verified at Delhi on this day 03.05.2024 that the contents of this affidavit based on official record(s) maintained and information available in the office are true and correct, no part of it is false and nothing has been concealed there from.

Handwritten signature
DEPONENT
(GEETA BHATNAGAR)
Under Secretary
Ministry of Environment, Forest and Climate Change
Govt. of India, New Delhi



3 MAY 2024

Handwritten signature
DEPONENT
(GEETA BHATNAGAR)
अवर सचिव/Under Secretary
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Min. Environment, Forest and Climate Change
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi

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Govt. of India
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EMPOWERED TO ADMINISTER THE OATH
SECTION 139 OF CPC 1908
SECTION 297 OF CRPC 1973
DELHI HIGH COURT RULES 1967
PART-6, CHAPTER XVIII-227
EVIDENCE BY AFFIDAVIT BEFORE NOTAR
SUPREME COURT RULES, 2013
ORDER-X-7



a



বনমহোৎসবে রোপণ বিরল গাছের ৭৫ চারা



শিবপুর খরিদিক বাড়ীতে সচেত্র সড়কের ধারায় রোপণের কাজ — এই সময়

এই সময়, শিবপুর খরিদিক বাড়ীতে ১৪৫ চারা ইতিমধ্যে খরিদিক বাড়ীতে রোপণ করা হয়েছে। অক্টোবর ৫ দিনের মধ্যেই রোপণের কাজ শেষ হয়েছিল।

এই সময়, শিবপুর খরিদিক বাড়ীতে ১৪৫ চারা ইতিমধ্যে খরিদিক বাড়ীতে রোপণ করা হয়েছে। অক্টোবর ৫ দিনের মধ্যেই রোপণের কাজ শেষ হয়েছিল।

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প্রতিদিন
Date: 11 Jul 2023

লাল চন্দনের চারা রোপণ

স্টাফ রিপোর্টার, হাওড়া: শিবপুর খেটনিক্যাল গার্ডেনে উচ্চ সন্তোষের সাথে নতুন অর্থাৎ এক গাল চন্দন গাছ।

স্টাফ রিপোর্টার, হাওড়া: শিবপুর খেটনিক্যাল গার্ডেনে কন মহোৎসবে উপলক্ষে আয়োজিত অনুষ্ঠানে ৭৫টি লাল চন্দন গাছের চারা রোপণ করা হল।

যে আয়োজনে এই চারা রোপণ করা হয় সেখানকার নাম সচেত্র। হাওড়া লাল চন্দন আর্ভিনিটি। অনুষ্ঠানে উপস্থিত ছিলেন এ এ মজ, ডিরেক্টর খেটনিক্যাল গার্ডেন অফ ইন্ডিয়া ও গার্ডেনের ডেপুটি ডিরেক্টর সেকেন্ড স্টাফ পদ উজ্জ্বল বিজয়ী। এ দিনের কর্মসূচীতে বড়ো কর্মসূচী পৃথিবীতে পা র করণ প্রয়োজনীয়তা, তা নি: এত আয়োজনা করেন।

Figure 1: Red Sanders avenue



Figure 2: White Sanders avenue



Figure 3: Saraca Avenue



a



b



c



d

Figure 4: Branching Palm Avenue



Figure 5: Mahagony Avenue

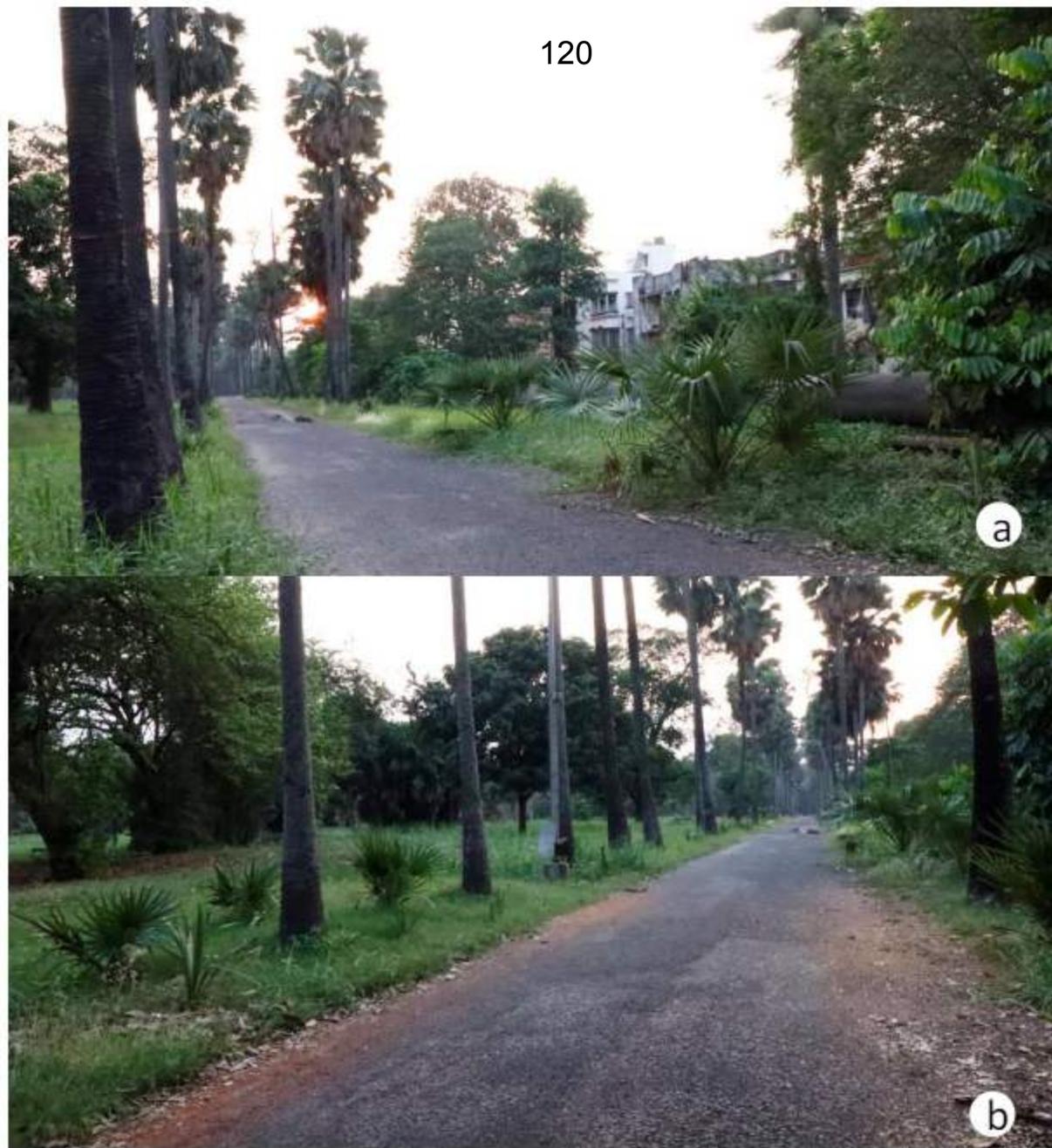


Figure 6: Palmyra Avenue

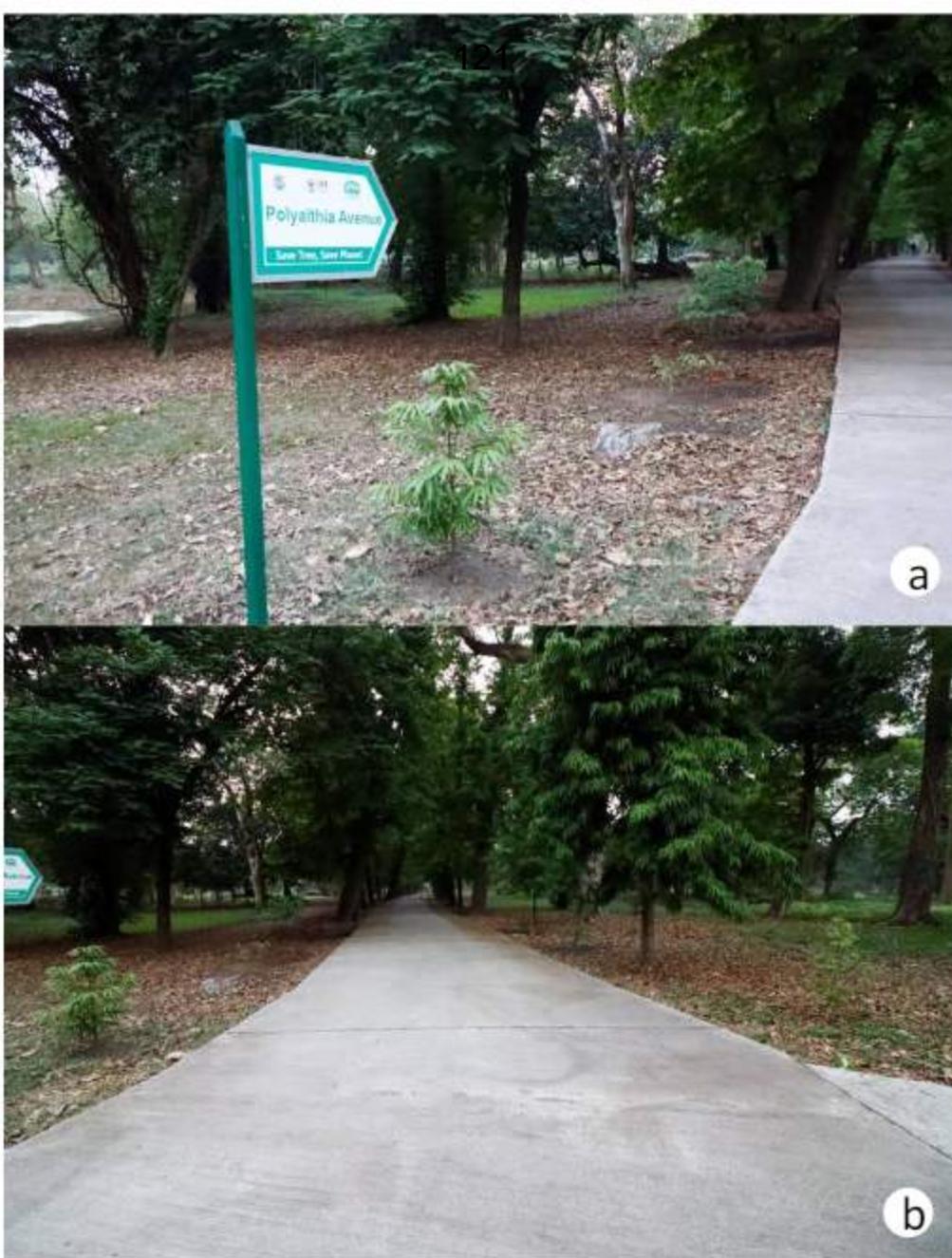


Figure 7: Polyalthia Avenue



Figure 8: Brownea Avenue

বোটানিক্যাল গাৰ্ডেনে নেচাৰ ট্ৰেলেৰ উদ্বোধন হলো

প্ৰদীপ সেনগুপ্ত : হাওড়াদেশৰে পূবত অগ্ৰে হালধীৰে জনা নতুন উপহাৰে দিহে চলেছে বোটানিক্যাল গাৰ্ডেনে অফ ইণ্ডিয়া। শিবপুৰ বোটানিক্যাল গাৰ্ডেনে নৃসংপতিৰ বিকলে "নেচাৰ ট্ৰেল" এৰ উদ্বোধন কৰেনে পৰিবেশ, বন ও জলবায়ু পৰিবৰ্তন মন্ত্ৰণেৰে সচিব শ্ৰীমা নন্দন এডভেনি বোসে ইতিহাস বোটানিক গাৰ্ডেন, বোটানিক্যাল গাৰ্ডেনে অফ ইণ্ডিয়া, হাওড়াত এটি অন্যতম আকৰ্ষণীয় একটি কেন্দ্ৰ হ'বে চলেছে। এই নেচাৰ ট্ৰেলে এসে বিভিন্ন প্ৰজাতিৰ নৃসংপা উদ্ভিদেৰে দেখা মিলবে। মনোৰম প্ৰকৃতিৰে দেখা মিলবে। নৃসংপতিৰ বিকলে চাৰেটা এৰ উদ্বোধন হওৱাৰ হয়। এদিন তিনা গাৰ্ডেনে নৃসংপতিৰে কৰেনে। জানা গৈছে, বোটানিক্যাল গাৰ্ডেনেৰে ১০ নং ভিত্তিৰে ১০ একৰ জায়গা নিয়ে হৈৰি কৰা হৈছে "নেচাৰ ট্ৰেল"। এৰ দিকৰ দিহে চলে গিয়েছে বিস্তৃত কয়েক কিমি. পথ। পথটোৰে বন্যপ্ৰাণী, মহাভাৰত খেকে নেওৱা। এখানে ছোট-বুড়ো ঘৰ, উন্নত ইকো সিস্টেম থাকে। যেখানে রয়েছে প্ৰায় ৬০৭ প্ৰজাতিৰে সুন্দেৰ গছ। এৰ মধ্যে ৬৯টি পৰিবাৰেৰে গছ হয় বিপন্ন না হয় কিছুপ্ৰাণী। এখানকাৰে গছ আকৰ্ষণকাৰেই বেড়ে উঠেছে। বোটানিক্যাল গাৰ্ডেনেৰে অন্যতম আকৰ্ষণ ডিউটীয়া অ্যামাজনিয়াৰ (জায়েণ্ট ওয়াটাৰ লিক) ছোট সন্দেশেৰে ব্যৱস্থা কৰা হৈছে এখানে। সৰ্বসাধাৰণেৰে জনা এখানে প্ৰবেশেৰে ব্যৱস্থা কৰা হৈছে। আলাদা কৰে "নেচাৰ ট্ৰেল"ৰে জনা কোনও প্ৰবেশ মুখ্য দিহে হবেনা। এখানে এসে পাহাড়েৰে মতো পৰিবেশ পাওৱা যাবে। শুধু তাই নহয় এখানে হালধীৰে উদ্ভূত প্ৰকৃতিৰে বিস্তৃত পাহাৰ, সুন্দেৰ গছ, পাহাৰেৰে কলকাকনি, উদ্ভূত প্ৰজাতিৰে, প্ৰকৃতিৰে সন্নিধ্য পাবেন।



Figure 8a: Plantation of Critically Endangered Plant *Aquilaria malaccensis* Lam. by Ms. Leena Nandan, Secretary, MoEF&CC



Figure 8b: Plantation of Native Plant *Elaeocarpus serratus* L. by Shri Bhupender Yadav, Honourable Minister, MoEF&CC



Figure 9: Rosarium



Figure 10: Aquatic Plant Section



Figure 11: Hibiscus Section



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Figure 12: Nature Trail



a



b



c



d

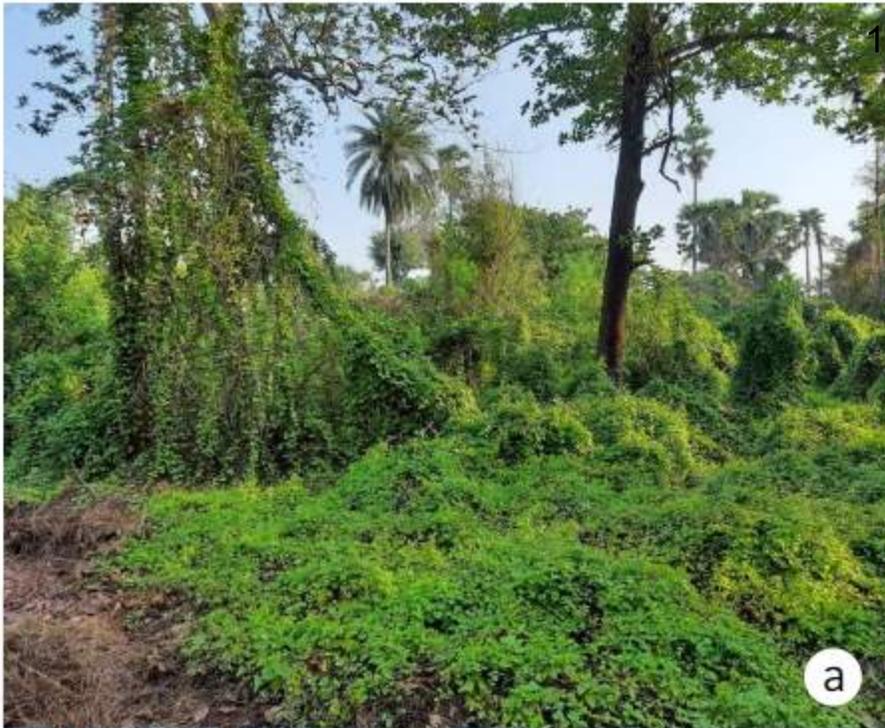
Figure 13: Wild Edible Fruit Section



Figure 14: Removal of Debris caused by Amphan Cyclone



Figure 15: Plantation Drives in AJCBIBG



a



b



c

Figure 16: Invasive Plant Species Spread



Figure 17: Removal of Invasive Plant Species



Figure 18: Removal of aquatic invasive species



Figure 19: Removal of aquatic invasive species



a



b



c



d

Figure 20: Interconnection of Lakes Functioning Properly

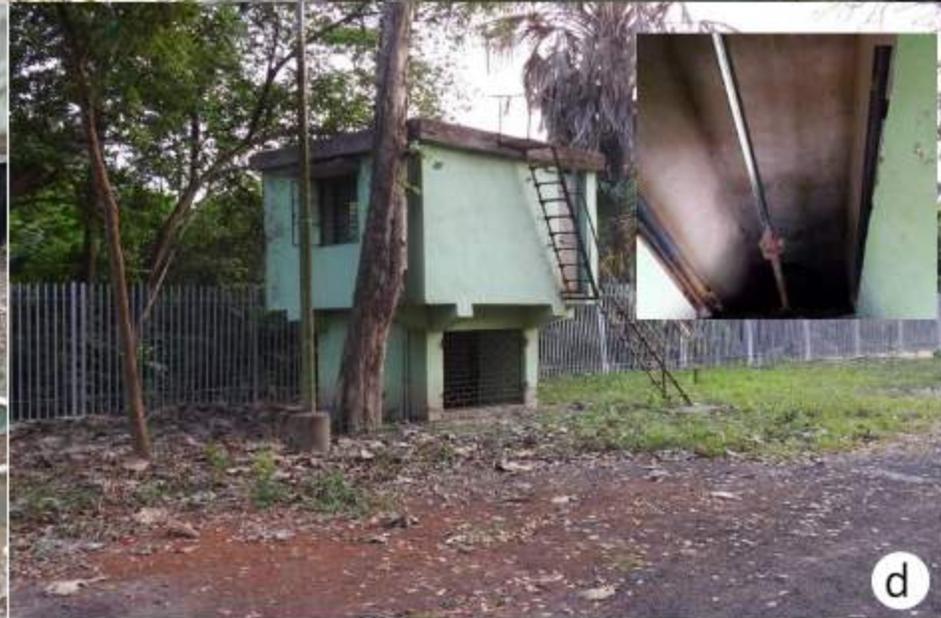


Figure 21: Both Sluice Gates of AJCBIBG



Figure 22: Cleaning of Circular Canal

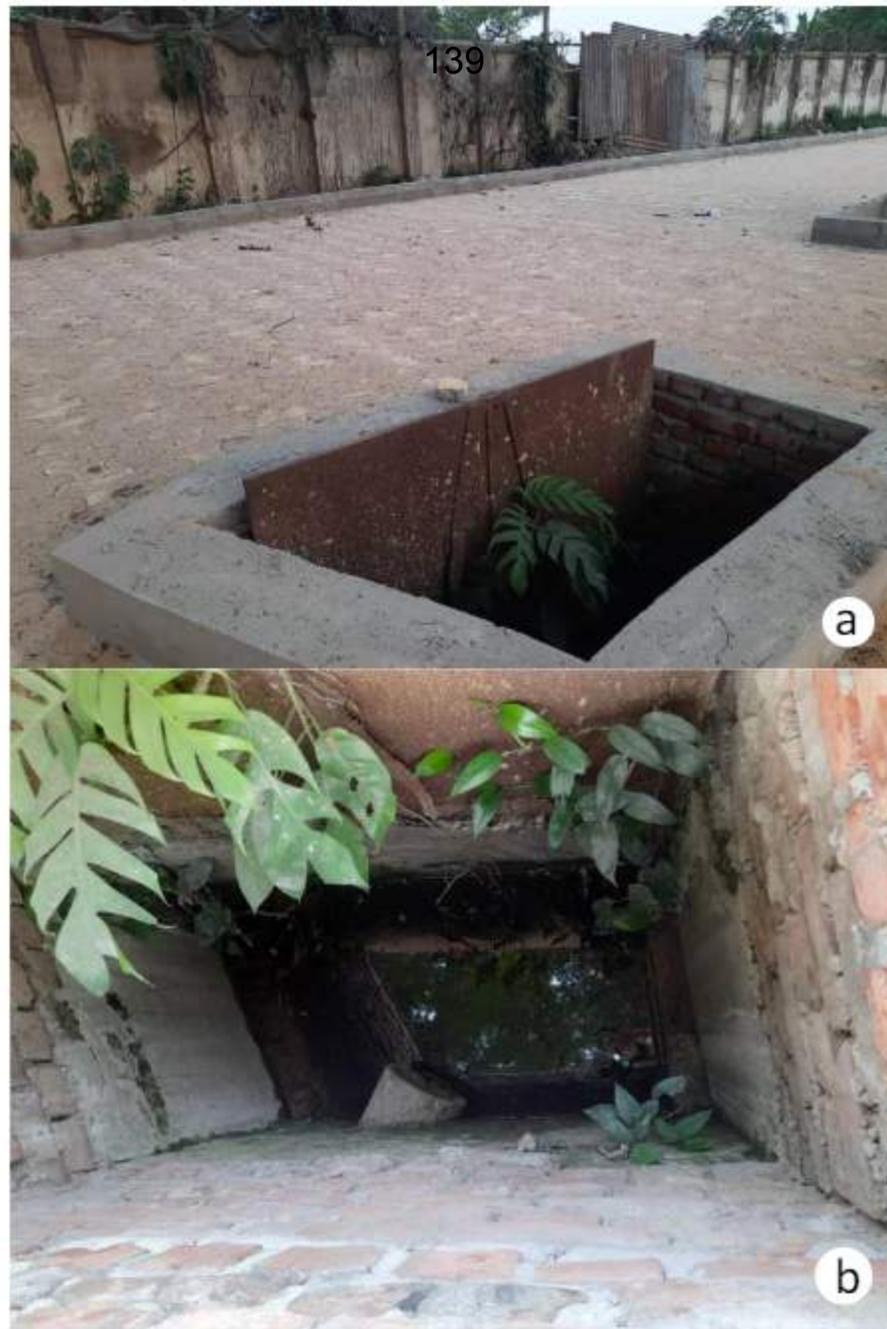


Figure 23: Lock Gate (Parking Area)



Figure 24: Outside Canal at BE College Side



Figure 25: Birds of Garden



Figure 26: Re Establishment of Uprooted Trees



Figure 27: Lamp Posts Installed at AJCBIBG

List of Plants planted at AJCBIBG on various occasions

Month	Division/Road side/Section	Plant Name	Family	No. of Pla
June, 2021	Front of Roxb monument	<i>Putranjiva roxburghii</i> Wall.	Putranjivaceae	10
July, 2021	Palmetum	<i>Attalea speciosa</i> Mart.	Arecaceae	2
July, 2021	Palmetum	<i>Elaeis guineensis</i> Jacq.	Arecaceae	1
July, 2021	Palmetum	<i>Washingtonia filifera</i> (Linden ex Andre) H.Wendl. ex de Bart.	Arecaceae	1
July, 2021	Palmetum	<i>Calamus viminalis</i> Willd	Arecaceae	1
July, 2021	Nursery 2	<i>Dypsis lutescens</i> (H.Wendl.) Beentje & J.Dransf.	Arecaceae	30
July, 2021	Roystonea avenue	<i>Roystonea regia</i> (Kunth) O.F.Cook	Arecaceae	71
July, 2021	Palmyra avenue	<i>Borassus flabellifer</i> L.	Arecaceae	35
July, 2021	Div-4	<i>Polyalthia longifolia</i> (Sonn.) Thwaites	Annonaceae	50
July, 2021	Besides the large palm house	<i>Shorea robusta</i> Gaertn.	Dipterocarpaceae	3
July, 2021	Lerum lake.	<i>Nypa fruticans</i> Wurm.	Arecaceae	5
July, 2021	Thompson avenue	<i>Brownea hybrida</i> Backer	Fabaceae	150
August, 2021	Anderson avenue	<i>Cycas</i> sp.	Cycadaceae	60
August, 2021	Anderson avenue	<i>Zamia</i> sp.	Zamiaceae	10
August, 2021	Division 2	<i>Swietenia macrophylla</i> King	Meliaceae	35
August, 2021	Mahogany avenue	<i>Swietenia macrophylla</i> King	Meliaceae	60
September, 2021	Beside lerum lake	<i>Adansonia digitata</i> L.	Malvaceae	3
September, 2021	Front of LPH	<i>Adansonia digitata</i> L.	Malvaceae	1
September, 2021	Front of CNH	<i>Adansonia digitata</i> L.	Malvaceae	1
September, 2021	Palmetum	<i>Bentinkia nicobarica</i> (Kurtz) Becc.	Arecaceae	12
September, 2021	Palmetum	<i>Adonidia merrillii</i> (Becc.) Becc.	Arecaceae	5
September, 2021	Palmetum	<i>Pinanga manis</i> Becc.	Arecaceae	1
September, 2021	Palmetum	<i>Hyophorbe lagenicaulis</i> (L.H.Bailey) H.E.Moore	Arecaceae	1
September, 2021	Palmetum	<i>Phoenix roebelenii</i> O'Brien	Arecaceae	3
September, 2021	Palmetum	<i>Areca triandra</i> Roxb. ex Buch.-Ham.	Arecaceae	1
September, 2021	Palmetum	<i>Latania lontaroides</i> (Gaertn.) H.E.Moore	Arecaceae	1
October, 2021	Curator's Lawn	<i>Adonidia merrillii</i> (Becc.) Becc.	Arecaceae	2
October, 2021	Curator's Lawn	<i>Bentinkia nicobarica</i> (Kurtz) Becc.	Arecaceae	2
October, 2021	Curator's Lawn	<i>Pinanga manis</i> Becc.	Arecaceae	2
October, 2021	Div-4 Near shadir lake	<i>Achras zapota</i> L.	Sapotaceae	1
October, 2021	Div-1	<i>Aegle marmelos</i> (L.) Corrèa	Rutaceae	2
October, 2021	Div-5 palmetum	<i>Attalea speciosa</i> Mart.	Arecaceae	2
October, 2021	Div-4 near old curators residence	<i>Butea superba</i> Roxb.	Fabaceae	1
October, 2021	Div-5 Palmetum	<i>Calamus viminalis</i> Willd	Arecaceae	1
October, 2021	Div-1	<i>Chrysophyllum cainito</i> L.	Sapotaceae	1
October, 2021	Div-1	<i>Dalbergia latifolia</i> Roxb.	Fabaceae	1
October, 2021	Div-5 palmetum	<i>Elaeis guineensis</i> Jacq.	Arecaceae	1
October, 2021	Div-1	<i>Ficus</i> sp.	Moraceae	1
October, 2021	Div-1	<i>Garcinia indica</i> Choisy	Clusiaceae	1
October, 2021	Div-1	<i>Garcinia livingstonei</i> T.Anderson	Clusiaceae	1
October, 2021	Div-1	<i>Gmelina arborea</i> Roxb.	Lamiaceae	1
October, 2021	Div-2	<i>Guaiacum officinale</i> L.	Zygophyllaceae	1
October, 2021	Div-1	<i>Hardwickia binata</i> Roxb.	Fabaceae	1
October, 2021	Div-1 on mound	<i>Hura crepitans</i> L.	Euphorbiaceae	1
October, 2021	Div-1 palmyra ave	<i>Mimusops elengi</i> L.	Sapotaceae	1
October, 2021	Div-25 charak uddyan	<i>Nyctanthes arbor-tristis</i> L.	Oleaceae	1
October, 2021	Div-25 charak uddyan and mound	<i>Oroxylum indicum</i> (L.) Kurz	Bignoniaceae	2
October, 2021	Div-4 pinetum	<i>Podocarpus nerifolius</i> D.Don	Podocarpaceae	1
October, 2021	Div-2 near lerum lake	<i>Pongamia pinnata</i> (L.) Pierre	Fabaceae	1
October, 2021	Div-1 Palmyra ave	<i>Roseodendron donnell-smithii</i> (Rose) Miranda	Bignoniaceae	2
October, 2021	Div-4 near shadir lake	<i>Shorea robusta</i> Gaertn.	Dipterocarpaceae	2

October, 2021	Div-2	<i>Sterculia</i> sp.	Malvaceae	1
October, 2021	Div-1	<i>Strophanthus wightianus</i> Wall. ex Wight	Apocynaceae	1
October, 2021	Div-2	<i>Swietenia macrophylla</i> King	Meliaceae	1
October, 2021	Div-4	<i>Tectona grandis</i> L.f.	Lamiaceae	1
October, 2021	Div-5 palmetum	<i>Washingtonia filifera</i> (Linden ex André) H.Wendl. ex de Bary	Arecaceae	1
November, 2021	Beside scorchine lake	<i>Swietenia macrophylla</i> King	Meliaceae	5
November, 2021	Curator's Lawn	<i>Pandanus tectorius</i> Parkinson ex Du Roi	Pandanaceae	1
December, 2021	Curator's Lawn	<i>Plectranthus scutellarioides</i> (L.) R.Br.	Lamiaceae	1
December, 2021	Division 1	<i>Swietenia mahagoni</i> (L.) Jacq.	Meliaceae	1
December, 2021	Division 1	<i>Anacardium occidentale</i> L.	Anacardiaceae	1
December, 2021	Division 1	<i>Ficus krishnae</i> C.DC.	Moraceae	1
January, 2022	Medicinal Plant Garden	<i>Hygrophila auriculata</i> (Schumach.) Heine	Acanthaceae	1 bunch
January, 2022	Roystonea avenue	<i>Roystonea regia</i> (Kunth) O.F.Cook	Arecaceae	2
February, 2022	Division 6 & 7	<i>Saraca asoca</i> (Roxb.) W.J.de Wilde	Fabaceae	27
February, 2022	Division 7	<i>Sterculia</i> sp.	Malvaceae	1
February, 2022	Division 7	<i>Anacardium occidentale</i> L.	Anacardiaceae	1
February, 2022	Division 19	<i>Mangifera andamanica</i> King.	Anacardiaceae	3
February, 2022	Division 4	<i>Freyetia</i> sp.	Pandanaceae	1
February, 2022	Division 22	<i>Pachira insignis</i> Savigny	Malvaceae	13
February, 2022	Division 2	<i>Cerbera odollam</i> Gaertn.	Apocynaceae	6
February, 2022	Division 1 & 2	<i>Adonia merrillii</i> (Becc.) Becc.	Arecaceae	15
March, 2022	Mahogany avenue and division 2	<i>Swietenia macrophylla</i> King in Hook.	Meliaceae	25
June, 2022	River side	<i>Tabebuia chrysantha</i> (Jacq.) G.Nicholson	Bignoniaceae	9
5 th June, 2022	Division 2	<i>Calamus viminalis</i> Willd.	Arecaceae	1
5 th June, 2022	Division 1	<i>Ficus retusa</i> L.	Moraceae	1
5 th June, 2022	Division 1	<i>Couropita gutanensis</i> Aubl.	Lecythidaceae	1
5 th June, 2022	Division 1	<i>Garcinia livingstonei</i> T.Anderson	Clusiaceae	1
5 th June, 2022	Division 1	<i>Pterocarpus santalinus</i> L.f.	Fabaceae	1
5 th June, 2022	Division 2	<i>Dillenia indica</i> L.	Dilleniaceae	1
5 th June, 2022	Division 1	<i>Berbera koenigii</i> L.	Rutaceae	1
5 th June, 2022	Division 1	<i>Artocarpus altitilis</i> (Parkinson ex F.A.Zorn) Fosberg	Moraceae	1
5 th June, 2022	Division 2	<i>Peltophorum pterocarpum</i> (DC.) K.Heyne	Fabaceae	1
5 th June, 2022	Division 2	<i>Delonix regia</i> (Hook.) Raf.	Fabaceae	1
5 th June, 2022	Division 1	<i>Annona muricata</i> L.	Annonaceae	1
5 th June, 2022	Division 1	<i>Bombax ceiba</i> L.	Malvaceae	1
5 th June, 2022	Division 1	<i>Calophyllum inophyllum</i> L.	Calophyllaceae	1
5 th June, 2022	Division 2	<i>Neolamarckia cadamba</i> (Roxb.) Bosser	Rubiaceae	1
5 th June, 2022	Division 2	<i>Syzygium cumini</i> (L.) Skeels	Myrtaceae	1
5 th June, 2022	Division 1	<i>Chrysophyllum cainito</i> L.	Sapotaceae	1
5 th June, 2022	Division 1	<i>Syzygium malaccense</i> (L.) Merr. & L.M.Perry	Myrtaceae	1
5 th June, 2022	Division 2	<i>Dalbergia latifolia</i> Roxb.	Fabaceae	1
5 th June, 2022	Division 1	<i>Putranjiva roxburghii</i> Wall.	Putranjivaceae	1
5 th June, 2022	Division 2	<i>Brownea hybrida</i> Backer	Fabaceae	1
5 th June, 2022	Division 1	<i>Diospyros blancoi</i> A.DC.	Ebenaceae	1
5 th June, 2022	Division 2	<i>Pterospermum acerifolium</i> (L.) Willd.	Malvaceae	1
5 th June, 2022	Division 2	<i>Swietenia mahagoni</i> (L.) Jacq.	Meliaceae	1
5 th June, 2022	Division 2	<i>Mimusops elengi</i> L.	Sapotaceae	1
5 th June, 2022	Division 1	<i>Diospyros malabarica</i> (Desr.) Kostel.	Ebenaceae	1

5 th June, 2022	Division 2	<i>Pterygota alata</i> (Roxb.) R.Br.	Malvaceae	1
5 th June, 2022	Division 2	<i>Saraca axoca</i> (Roxb.) Willd.	Fabaceae	1
5 th June, 2022	Division 2	<i>Bauhinia variegata</i> L.	Fabaceae	1
5 th June, 2022	Pinatum 2	<i>Pinus roxburghii</i> Sarg.	Pinaceae	15
5 th June, 2022	Division 1	<i>Casuarina equisetifolia</i> L.	Casuarinaceae	20
5 th June, 2022	Palmetum	<i>Areca triandra</i> Roxb. ex Buch.-Ham.	Arecaceae	9
20 th June, 2022	Banyan mound	<i>Ficus hirsuta</i> Schott	Moraceae	10
June 21 st	Banyan mound	<i>Ficus microcarpa</i> var. <i>microcarpa</i>	Moraceae	3
21 st June, 2022	Front of shiv mandir	<i>Tabebuia rosea</i> (Bertol.) Bertero ex A.DC.	Bignoniaceae	3
24 th June, 2022	Jasminum section	<i>Chrysojasminum parkeri</i> (Dunn) Banfi	Oleaceae	2
25 th June, 2022	Jasminum section	<i>Jasminum sambac</i> (L.) Aiton	Oleaceae	4
28 th June, 2022	Front of CNH	<i>Millingtonia hortensis</i> L.f.	Bignoniaceae	9
29 th June, 2022	Division 1	<i>Pterocarpus santalinus</i> L.f.	Fabaceae	1
1 st July, 2022	Division 1	<i>Boswellia serrata</i> Roxb. ex Colebr.	Burseraceae	1
1 st July, 2022	Division 1	<i>Pterygota alata</i> var. <i>irregularis</i> (W.W.Sm.) Deb & S.K.Basu	Malvaceae	1
1 st July, 2022	Division 1	<i>Dalbergia latifolia</i> Roxb.	Fabaceae	1
1 st July, 2022	Division 1	<i>Cinnamomum tamala</i> (Buch.-Ham.) T.Nees & C.H.Eberm.	Lauraceae	1
1 st July, 2022	Division 1	<i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn.	Combretaceae	1
1 st July, 2022	Division 1	<i>Heritiera macrophylla</i> Wall. ex Voigt	Malvaceae	1
1 st July, 2022	Division 1	<i>Madhuca longifolia</i> var. <i>latifolia</i> (Roxb.) A.Chev.	Sapotaceae	1
1 st July, 2022	Division 1	<i>Dipterocarpus bourdillonii</i> Brandis	Dipterocarpaceae	1
1 st July, 2022	Division 1	<i>Heritiera littoralis</i> Aiton	Malvaceae	1
1 st July, 2022	Division 1	<i>Senna sulfurea</i> (DC. ex Collad.) H.S.Irwin & Barneby	Fabaceae	1
1 st July, 2022	Division 1	<i>Azadirachta indica</i> A.Juss.	Meliaceae	1
1 st July, 2022	Division 1	<i>Strychnos nux-vomica</i> L.	Loganiaceae	1
1 st July, 2022	Division 1	<i>Cinnamomum camphora</i> (L.) J.Presl	Lauraceae	1
1 st July, 2022	Division 1	<i>Elaeocarpus ganitrus</i> Roxb. ex G.Don	Elaeocarpaceae	1
1 st July, 2022	Division 1	<i>Pterocarpus santalinus</i> L.f.	Fabaceae	1
8 th July, 2022	Division 2	<i>Pterospermum acerifolium</i> (L.) Willd.	Malvaceae	5
8 th July, 2022	Back side janardan lake	<i>Brownea coccinea</i> Jacq.	Fabaceae	30
8 th July, 2022	Entrance of brownea avenue	<i>Ficus benghalensis</i> L.	Moraceae	1
8 th July, 2022	Entrance of brownea avenue	<i>Pachira aquatica</i> Aubl.	Malvaceae	1
8 th July, 2022	Entrance of brownea avenue	<i>Butea monosperma</i> (Lam.) Kuntze	Fabaceae	2
11 th July, 2022	Gate 2	<i>Mangifera indica</i> L.	Anacardiaceae	9
1 st to 16 th July, 2022	Aam Bagan 19	<i>Mangifera indica</i> L.(Alfanzo mango)	Anacardiaceae	3
1 st to 16 th July, 2022	Aam Bagan 19	<i>Mangifera indica</i> L.(All time mango)	Anacardiaceae	5
1 st to 16 th July, 2022	Aam Bagan 19	<i>Mangifera indica</i> L.(Amrapali mango)	Anacardiaceae	5
1 st to 16 th July, 2022	Aam Bagan 19	<i>Mangifera indica</i> L.(Daseri mango)	Anacardiaceae	5
1 st to 16 th July, 2022	Aam Bagan 19	<i>Mangifera indica</i> L.(Himsagar mango)	Anacardiaceae	5
1 st to 16 th July, 2022	Aam Bagan 19	<i>Mangifera indica</i> L.(Kantimoon mango)	Anacardiaceae	5
1 st to 16 th July, 2022	Aam Bagan 19	<i>Mangifera indica</i> L.(Langra mango)	Anacardiaceae	5
1 st to 16 th July, 2022	Aam Bagan 19	<i>Mangifera indica</i> L.(Mallika mango)	Anacardiaceae	5
1 st to 16 th July, 2022	Aam Bagan 19	<i>Mangifera indica</i> L.(Palmar mango)	Anacardiaceae	5

1 st to 16 th July, 2022	Kings Avenue	<i>Goniothalamus angustifolius</i> (A.C.Sm.) B.Xue & R.M.K.Saunders	Annonaceae	25
1 st to 16 th July, 2022	Kings Avenue	<i>Momoon longifolium</i> (Sonn.) B.Xue & R.M.K.Saunders	Annonaceae	75
1 st to 16 th July, 2022	Kings Avenue	<i>Polyalthia angustifolia</i> A.C. Smith.	Annonaceae	1
1 st to 16 th July, 2022	Kings Avenue	<i>Polyalthia longifolia</i> (Sonn.) Thwaites	Annonaceae	7
1 st to 16 th July, 2022	Zinger Section	<i>Alstonia macrophylla</i> Wall. ex G.Don	Zingiberaceae	2
1 st to 16 th July, 2022	Pinatum (1) 4	<i>Agathis lanceolata</i> Warb.	Araucariaceae	2
1 st to 16 th July, 2022	Pinatum (1) 4	<i>Araucaria columnaris</i> (G.Forst.) Hook.	Araucariaceae	4
1 st to 16 th July, 2022	Pinatum (1) 4	<i>Araucaria cunninghamii</i> Mudie	Araucariaceae	3
1 st to 16 th July, 2022	Palmetum 5	<i>Borassus flabellifer</i> L.	Arecaceae	300
1 st to 16 th July, 2022	Palmetum 5	<i>Calamus viminalis</i> Willd.	Arecaceae	2
1 st to 16 th July, 2022	Palmetum 5	<i>Phoenix roebelenii</i> O'Brien	Arecaceae	2
1 st to 16 th July, 2022	Cafeteria and banyan Avenue	<i>Jacaranda mimosifolia</i> D.Don	Bignoniaceae	15
1 st to 16 th July, 2022	CNH Front	<i>Millingtonia hortensis</i> L.f	Bignoniaceae	9
1 st to 16 th July, 2022	1	<i>Oroxylum indicum</i> (L.) Kurz	Bignoniaceae	3
1 st to 16 th July, 2022	1	<i>Parmentiera cereifera</i> Seem.	Bignoniaceae	2
1 st to 16 th July, 2022	4	<i>Spathodea campanulata</i> P.Beauv.	Bignoniaceae	1
1 st to 16 th July, 2022	1	<i>Stereospermum chelonoides</i> (L.f.) DC.	Bignoniaceae	2
1 st to 16 th July, 2022	River side road	<i>Tabebuia chrysantha</i> (Jacq.) G.Nicholson	Bignoniaceae	2
1 st to 16 th July, 2022	River side road	<i>Tabebuia donnell-smithii</i> Rose	Bignoniaceae	2
1 st to 16 th July, 2022	Thomson Av.	<i>Pachira aquatica</i> Aubl.	Malvaceae	3
1 st to 16 th July, 2022	Cafeteria	<i>Boswellia serrata</i> Roxb. ex Colebr.	Burseraceae	5
1 st to 16 th July, 2022	6	<i>Bursera serrata</i> Wall. ex Colebr.	Burseraceae	5
1 st to 16 th July, 2022	6	<i>Saraca usoca</i> (Roxb.) de Wilde	Fabaceae	3
1 st to 16 th July, 2022	6	<i>Tamarindus indica</i> L.	Fabaceae	1
1 st to 16 th July, 2022	2	<i>Mesua ferrea</i> L.	Calophyllaceae	3
1 st to 16 th July, 2022	Cafeteria	<i>Celtis tetrandra</i> Roxb.	Cannabaceae	5
1 st to 16 th July, 2022	1,19	<i>Garcinia cowa</i> Roxb. ex Choisy	Clusiaceae	5
1 st to 16 th July, 2022	1,19	<i>Garcinia xanthochymus</i> Hook. f. ex T.Anderson	Clusiaceae	5
1 st to 16 th July, 2022	1,2,6	<i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn.	Combretaceae	10
1 st to 16 th July, 2022	4,6	<i>Terminalia catappa</i> L.	Combretaceae	15
1 st to 16 th July, 2022	6	<i>Terminalia elliptica</i> Willd.	Combretaceae	2
1 st to 16 th July, 2022	4	<i>Stevia rebaudiana</i> (Bertoni) Bertoni	Asteraceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>C. circinalis</i> var. <i>orixensis</i> Or <i>Cycas sphaerica</i> Roxb.	Cycadaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Cycas beddomei</i> Dyer.	Cycadaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Cycas calcicola</i> Maconochie	Cycadaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Cycas circinalis</i> L.	Cycadaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Cycas dorshii</i> R.C.Srivast. & B.Jana	Cycadaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Cycas indica</i> A.Lindstr. & K.D.Hill	Cycadaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Cycas pectinata</i> Griff.	Cycadaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Cycas pschannae</i> R. C.Srivast. & L. J. Singh.	Cycadaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Cycas revoluta</i> Thunb.	Cycadaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Cycas rumphii</i> Miq.	Cycadaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Cycas Zeylanica</i> (J.Schust.) A.Lindstr. & K.D.Hill	Cycadaceae	2
1 st to 16 th July, 2022	1,8	<i>Dipterocarpus alatus</i> Roxb. ex G.Don	Dipterocarpaceae	5

1 st to 16 th July, 2022	6,8	<i>Dipterocarpus bourdillonii</i> Brandis	Dipterocarpaceae	2
1 st to 16 th July, 2022	8	<i>Diospyros blancoi</i> A.DC.	Ebenaceae	10
1 st to 16 th July, 2022	8	<i>Diospyros malabarica</i> (Desr.) Kostel.	Ebenaceae	10
1 st to 16 th July, 2022	8	<i>Diospyros montana</i> Roxb.	Ebenaceae	13
1 st to 16 th July, 2022	1,6	<i>Elaeocarpus ganitrus</i> Roxb. ex G.Don	Elaeocarpaceae	4
1 st to 16 th July, 2022	1,6	<i>Elaeocarpus hayatae</i> Kaneh. & Sasaki	Elaeocarpaceae	5
1 st to 16 th July, 2022	1,6	<i>Elaeocarpus serratus</i> L.	Elaeocarpaceae	2
1 st to 16 th July, 2022	1,6	<i>Elaeocarpus sphaericus</i> var. <i>hayatae</i> (Kaneh. & Sasaki) C.E.Chang	Elaeocarpaceae	2
1 st to 16 th July, 2022	2	<i>Calliandra haematocephala</i> Hassk.	Fabaceae	3
1 st to 16 th July, 2022	25	<i>Calliandra sellosi</i> (Spreng.) J.F.Macbr.	Fabaceae	1
1 st to 16 th July, 2022	1	<i>Delonix regia</i> (Hook.) Raf.	Fabaceae	1
1 st to 16 th July, 2022	7	<i>Saraca thapsingensis</i> Prain	Fabaceae	1
1 st to 16 th July, 2022	1,2	<i>Peltophorum pterocarpium</i> (DC.) Backer ex K.Heyne	Fabaceae	9
1 st to 16 th July, 2022	Cafeteria 4	<i>Castanopsis indica</i> (Roxb. ex Lindl.) A.DC.	Fagaceae	5
1 st to 16 th July, 2022	Cafeteria 4	<i>Castanopsis tribuloides</i> (Sm.) A.DC.	Fagaceae	5
1 st to 16 th July, 2022	1	<i>Quercus oblongata</i> D.Don	Fagaceae	2
1 st to 16 th July, 2022	1	<i>Quercus serrata</i> Murray	Fagaceae	5
1 st to 16 th July, 2022	1	<i>Plomoides superba</i> (Royle ex Benth.) Kamelin & Makhm.	Lamiaceae	2
1 st to 16 th July, 2022	2	<i>Cinnamomum camphora</i> (L.) J.Presl	Lauraceae	10
1 st to 16 th July, 2022	1,2	<i>Cinnamomum tamala</i> (Buch.-Ham.) T.Nees & C.H.Eberm.	Lauraceae	2
1 st to 16 th July, 2022	1	<i>Litsea glutinosa</i> (Lour.) C.B.Rob.	Lauraceae	1
1 st to 16 th July, 2022	1,6	<i>Couroupita guianensis</i> Aubl.	Lecythidaceae	1
1 st to 16 th July, 2022	19	<i>Gustavia augusta</i> L.	Lecythidaceae	1
1 st to 16 th July, 2022	2	<i>Bauhinia alba</i> Wall. or <i>Bauhinia variegata</i> var. <i>candida</i> Voigt	Fabaceae	5
1 st to 16 th July, 2022	2	<i>Bauhinia semla</i> Wunderlin	Fabaceae	2
1 st to 16 th July, 2022	2	<i>Bauhinia variegata</i> L.	Fabaceae	5
1 st to 16 th July, 2022	Thomson Av.	<i>Brownea coccinea</i> Jacq.	Fabaceae	20
1 st to 16 th July, 2022	Thomson Av.	<i>Brownea hybrida</i> Backer	Fabaceae	80
1 st to 16 th July, 2022	Gate 2	<i>Butea superba</i> Roxb.	Fabaceae	1
1 st to 16 th July, 2022	1	<i>Castanospermum australe</i> A.Cunn. & C.Fraser	Fabaceae	2
1 st to 16 th July, 2022	1,2	<i>Dalbergia latifolia</i> Roxb.	Fabaceae	5
1 st to 16 th July, 2022	1	<i>Enterolobium contortisiliquum</i> (Vell.) Morong	Fabaceae	2
1 st to 16 th July, 2022	1	<i>Erythrina blakei</i> R.Parker	Fabaceae	2
1 st to 16 th July, 2022	1	<i>Hardwickia binata</i> Roxb.	Fabaceae	2
1 st to 16 th July, 2022	1	<i>Parkia timoriana</i> (DC.) Merr.	Fabaceae	5
1 st to 16 th July, 2022	1	<i>Prosopis cineraria</i> (L.) Druce	Fabaceae	2
1 st to 16 th July, 2022	1,2	<i>Pterocarpus santalinus</i> L.f.	Fabaceae	7
1 st to 16 th July, 2022	1	<i>Senna sulfurea</i> (Collad.) H.S.Irwin & Barneby	Fabaceae	2
1 st to 16 th July, 2022	1	<i>Sophora mollis</i> (Royle) Baker	Fabaceae	2
1 st to 16 th July, 2022	2	<i>Tamarindus indica</i> L.	Fabaceae	2
1 st to 16 th July, 2022	1	<i>Hiptage benghalensis</i> (L.) Kurz	Malpighiaceae	2
1 st to 16 th July, 2022	1,2	<i>Heritiera littoralis</i> Aiton	Malvaceae	10
1 st to 16 th July, 2022	2	<i>Adansonia digitata</i> L.	Malvaceae	2

1 st to 16 th July, 2022	1	<i>Ceiba pentandra</i> (L.) Gaertn.	Malvaceae	1
1 st to 16 th July, 2022	1	<i>Grewia robusta</i> Burch.	Malvaceae	2
1 st to 16 th July, 2022	1	<i>Heritiera macrophylla</i> Wall. ex Voigt.	Malvaceae	12
1 st to 16 th July, 2022	1,2,4,6	<i>Pterospermum acerifolium</i> (L.) Willd.	Malvaceae	30
1 st to 16 th July, 2022	1, Badam Chatal	<i>Pterygota alata</i> (Roxb.) R. Br.	Malvaceae	24
1 st to 16 th July, 2022	1, Badam Chatal	<i>Pterygota alata</i> var. <i>irregularis</i> (W.W.Sm.) Deb & S.K.Basu	Malvaceae	14
1 st to 16 th July, 2022	2	<i>Sterculia villosa</i> Roxb. ex Sm.	Malvaceae	2
1 st to 16 th July, 2022	2	<i>Azadirachta indica</i> A.Juss.	Fabaceae	15
1 st to 16 th July, 2022	6	<i>Chukrasia tabularis</i> A.Juss.	Meliaceae	2
1 st to 16 th July, 2022	1,2	<i>Melia azedarach</i> L.	Meliaceae	2
1 st to 16 th July, 2022	1,2, Mahogany	<i>Swietenia macrophylla</i> King	Meliaceae	25
1 st to 16 th July, 2022	1	<i>Swietenia mahagoni</i> (L.) Jacq.	Meliaceae	3
1 st to 16 th July, 2022	1	<i>Ficus benghalensis</i> L.	Moraceae	3
1 st to 16 th July, 2022	1	<i>Ficus benjamina</i> L. var. <i>comosa</i> King	Moraceae	2
1 st to 16 th July, 2022	1	<i>Ficus longifolia</i> Schott	Moraceae	1
1 st to 16 th July, 2022	1	<i>Ficus racemosa</i> L.	Moraceae	1
1 st to 16 th July, 2022	1	<i>Ficus retusa</i> L.	Moraceae	2
1 st to 16 th July, 2022	1	<i>Ficus rumphii</i> Blume	Moraceae	1
1 st to 16 th July, 2022	1	<i>Ficus virens</i> Aiton	Moraceae	1
1 st to 16 th July, 2022	Musa Section	<i>Musa velutina</i> H.Wendl. & Drude	Musaceae	1
1 st to 16 th July, 2022	2	<i>Pimenta dioica</i> (L.) Merr.	Myrtaceae	1
1 st to 16 th July, 2022	New Fruit Section	<i>Psidium guajava</i> L. (3cultivars)	Myrtaceae	3
1 st to 16 th July, 2022	New Fruit Section, 1,2	<i>Syzygium cumini</i> (L.) Skeels	Myrtaceae	5
1 st to 16 th July, 2022	New Fruit Section, 1,2	<i>Syzygium malaccense</i> (L.) Merr. & L.M.Perry	Myrtaceae	5
1 st to 16 th July, 2022	Jasminum Section	<i>Chrysojasminum parkeri</i> (Dunn) Banfi	Oleaceae	2
1 st to 16 th July, 2022	Jasminum Section	<i>Jasminum sambac</i> (L.) Aiton	Oleaceae	5
1 st to 16 th July, 2022	New Fruit Section	<i>Averrhoa carambola</i> L.	Oxalidaceae	2
1 st to 16 th July, 2022	1	<i>Pittosporum eriocarpum</i> Royle	Pittosporaceae	2
1 st to 16 th July, 2022	Cafeteria, 6	<i>Hovenia dulcis</i> Thunb.	Rhamnaceae	5
1 st to 16 th July, 2022	Cafeteria, 6	<i>Carallia brachiata</i> (Lour.) Merr.	Rhizophoraceae	5
1 st to 16 th July, 2022	New Fruit Section	<i>Malus domestica</i> (Suckow) Borkh.	Rosaceae	4
1 st to 16 th July, 2022	Cafeteria, 6	<i>Prunus cerasoides</i> Buch.-Ham. ex D.Don	Rosaceae	2
1 st to 16 th July, 2022	1,2	<i>Haldina cordifolia</i> (Roxb.) Ridsdale	Rubiaceae	2
1 st to 16 th July, 2022	1	<i>Morinda citrifolia</i> L.	Rubiaceae	1
1 st to 16 th July, 2022	1	<i>Aegle marmelos</i> (L.) Corrèa	Rutaceae	6
1 st to 16 th July, 2022	6	<i>Citrus maxima</i> (Burm.) Merr.	Rutaceae	2
1 st to 16 th July, 2022	4	<i>Citrus indica</i> Yu Tanaka	Rutaceae	2
1 st to 16 th July, 2022	2	<i>Melaleuca citrina</i> (Curtis) Dum.Cours.	Myrtaceae	5
1 st to 16 th July, 2022	2	<i>Acer oblongum</i> Wall. ex DC	Sapindaceae	2
1 st to 16 th July, 2022	4	<i>Aesculus assamica</i> Griff.	Sapindaceae	2
1 st to 16 th July, 2022	2	<i>Dimocarpus longan</i> Lour.	Sapindaceae	3
1 st to 16 th July, 2022	2	<i>Schleichera oleosa</i> (Lour.) Oken.	Sapindaceae	8
1 st to 16 th July, 2022	1	<i>Chrysophyllum roxburghii</i> G Don	Sapotaceae	5
1 st to 16 th July, 2022	7	<i>Madhuca longifolia</i> var. <i>latifolia</i> (Roxb.) A.Chev.	Sapotaceae	5

1 st to 16 th July, 2022	7	<i>Manilkara hexandra</i> (Roxb.) Dubard	Sapotaceae	1
1 st to 16 th July, 2022	7	<i>Manilkara zapota</i> (L.) P.Royen	Sapotaceae	8
1 st to 16 th July, 2022	1,7	<i>Adonislops elengi</i> L.	Sapotaceae	25
1 st to 16 th July, 2022	6	<i>Brucea mollis</i> Wall. ex Kurz	Simaroubaceae	5
1 st to 16 th July, 2022	1	<i>Strychnos nux-vomica</i> L.	Loganiaceae	30
1 st to 16 th July, 2022	Cafeteria	<i>Camellia japonica</i> L.	Theaceae	12
1 st to 16 th July, 2022	Cafeteria	<i>Pyrenaria khasiana</i> var. <i>lakhimpurensis</i> N. Odyuo & D.K. Roy	Theaceae	5
1 st to 16 th July, 2022	Cafeteria	<i>Schima wallichii</i> Choisy	Theaceae	5
1 st to 16 th July, 2022	6	<i>Jacquinia ruscifolia</i> Jacq.	Primulaceae	3
1 st to 16 th July, 2022	Cycas Section 17	<i>Dioon edule</i> Lindl.	Zamiaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Zamia angustifolia</i> Jacq.	Zamiaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Zamia fischeri</i> Miq.	Zamiaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Zamia inermis</i> Vavides	Zamiaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Zamia loddigesii</i> Miq.	Zamiaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Zamia pallida</i> Salisb. or <i>Macrozamia communis</i> L.A.S. Johnson	Zamiaceae	20
1 st to 16 th July, 2022	Cycas Section 17	<i>Zamia pumila</i> L.	Zamiaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Zamia standleyi</i> Schutzman	Zamiaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Zamia variegata</i> Warsz.	Zamiaceae	2
1 st to 16 th July, 2022	Cycas Section 17	<i>Dioon spinulosum</i> Dyer ex Eichl.	Zamiaceae	1
1 st to 16 th July, 2022	Zinger Section	<i>Alpinia malaccensis</i> (Burm.f.) Roscoe	Zingiberaceae	1
1 st to 16 th July, 2022	Zinger Section	<i>Alpinia zerambet</i> (Pers.) B.L. Burt & R.M. Sm.	Zingiberaceae	2
1 st to 16 th July, 2022	Zinger Section	<i>Anomum</i> sp.	Zingiberaceae	1
1 st to 16 th July, 2022	Zinger Section	<i>Boesenbergia longiflora</i> (Wall.) Kuntze	Zingiberaceae	2
1 st to 16 th July, 2022	Zinger Section	<i>Hedychium</i> sp.	Zingiberaceae	1
1 st to 16 th July, 2022	Zinger Section	<i>Hedychium greenii</i> W.W. Sm.	Zingiberaceae	1
1 st to 16 th July, 2022	Zinger Section	<i>Hedychium stenopetalum</i> Lodd.	Zingiberaceae	1
1 st to 16 th July, 2022	Zinger Section	<i>Hedychium villosum</i> Wall.	Zingiberaceae	2
1 st to 16 th July, 2022	Zinger Section	<i>Larsenianthus careyanus</i> (Benth.) W.J. Kress & Mood	Zingiberaceae	1
1 st to 16 th July, 2022	Zinger Section	<i>Zingiber</i> sp.	Zingiberaceae	1
1 st to 16 th July, 2022	Zinger Section	<i>Zingiber</i> sp.	Zingiberaceae	1
1 st to 16 th July, 2022	2 Lerum lake side	<i>Pterocarpus santalinus</i> L.f.	Fabaceae	10
1 st to 16 th July, 2022	2 Lerum lake side	<i>Cinnamomum camphora</i> (L.) J. Presl	Lauraceae	12
1 st to 16 th July, 2022	2 Lerum lake side	<i>Canna indica</i> L.	Cannaceae	20 bunches
1 st to 16 th July, 2022	Kings lake side	<i>Canna indica</i> L.	Cannaceae	50 bunches
1 st to 16 th July, 2022	Island of kings lake	<i>Canna indica</i> L.	Cannaceae	20 bunches
1 st to 16 th July, 2022	2 Lerum lake side	<i>Heliconia</i> sp.	Heliconiaceae	10 bunches
1 st to 16 th July, 2022	2 Lerum lake side	<i>Heliconia</i> sp.	Heliconiaceae	10 bunches
17 th July to 15 th August, 2022	22	<i>Jacaranda mimosifolia</i> D. Don	Bignoniaceae	8
17 th July to 15 th August, 2022	Janardan Lake at Division No. 17.	<i>Senna pallida</i> (Vahl) H.S. Irwin & Barneby	Fabaceae	2
17 th July to 15 th August, 2022	Janardan Lake at Division No. 17.	<i>Senna circinnata</i> (Benth.) Randell	Fabaceae	2
17 th July to 15 th August, 2022	LPH	<i>Nepenthes khasiana</i> Hook. f.	Nepenthaceae	1
17 th July to 15 th August, 2022	LPH	<i>Equisetum</i> sp.	Equisetaceae	4

17 th July to 15 th August, 2022	Palmetum	<i>Dyopsis decaryi</i> (Jum.) Beentje & J.Dransf.	Arecaceae	1
17 th July to 15 th August, 2022	Palmetum	<i>Butia capitata</i> (Mart.) Becc.	Arecaceae	1
17 th July to 15 th August, 2022	Palmetum	<i>Chamaedorea costaricana</i> Oerst.	Arecaceae	1
17 th July to 15 th August, 2022	Palmetum	<i>Rhapis humilis</i> Blume	Arecaceae	2
17 th July to 15 th August, 2022	Palmetum	<i>Hyophorba lagenicaulis</i> (L.H.Bailey) H.E.Moore	Arecaceae	4
17 th July to 15 th August, 2022	Palmetum	<i>Cocos nucifera</i> L.	Arecaceae	2
17 th July to 15 th August, 2022	Beside Shadir Lake	<i>Terminalia catappa</i> L.	Combretaceae	5
17 th July to 15 th August, 2022	Beside Shadir Lake	<i>Anacardium occidentale</i> L.	Anacardiaceae	12
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Actinidia deliciosa</i> (A.Chev.) C.F.Liang & A.R.Ferguson	Actinidiaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Anacardium occidentale</i> L.	Anacardiaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Senna pallida</i> (Vahl) H.S.Irwin & Barneby	Fabaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Punica granatum</i> L.	Lythraceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Morus alba</i> L.	Moraceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Syzygium australe</i> (J.C.Wendl. ex Link) B.Hyland	Myrtaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Psidium cattleianum</i> Sabine	Myrtaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Syzygium cumini</i> (L.) Skeels	Myrtaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Passiflora amethystina</i> J.C.Mikan	Passifloraceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Phyllanthus emblica</i> L.	Phyllanthaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Ziziphus jujuba</i> Mill.	Rhamnaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Ziziphus mauritiana</i> Lam.	Rhamnaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Prunus avium</i> (L.) L.	Rosaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Prunus armeniaca</i> L.	Rosaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Prunus persica</i> (L.) Batsch	Rosaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Coffea arabica</i> L.	Rubiaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Citrus sinensis</i> (L.) Osbeck	Rutaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Citrus limetta</i> Risso	Rutaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Nephelium lappaceum</i> L.	Sapindaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Litchi chinensis</i> Sonn.	Sapindaceae	2
17 th July to 15 th August, 2022	Wild edible fruit section	<i>Vitis vinifera</i> L.	Vitaceae	2
17 th July to 15 th August, 2022	Beside GBT	<i>Bougainvillea</i> sp.	Nyctaginaceae	271
15 th August, 2022	18	<i>Cassia renigera</i> Benth.	Fabaceae	28
15 th August, 2022	18	<i>Cassia nodosa</i> Roxb.	Fabaceae	19
15 th August, 2022	18	<i>Cassia javanica</i> L.	Fabaceae	20
15 th August, 2022	18	<i>Cassia moschata</i> Kunth	Fabaceae	10
5 th Sept, 2022	5	<i>Cocos nucifera</i> L.	Arecaceae	79
September, 2022	12	<i>Murraya paniculata</i> (L.)	Rutaceae	878
September, 2022	13	<i>Murraya paniculata</i> (L.)	Rutaceae	600
August, 2022	22	<i>Swietenia mahagoni</i> (L.) Jacq.	Meliaceae	70
September, 2022	Cycad Section	<i>Cycas indica</i> A.Lindstr. & K.D.Hill	Cycadaceae	6
September, 2022	Cycad Section	<i>Cycas zeylanica</i> (J.Schust.) A.Lindstr. & K.D.Hill	Cycadaceae	4
September, 2022	Cycad Section	<i>Cycas sphaerica</i> Roxb.	Cycadaceae	4
September, 2022	Cycad Section	<i>Zamia angustifolia</i> Jacq.	Zamiaceae	1
September, 2022	Cycad Section	<i>Zamia fischeri</i> Miq. ex Lem.	Zamiaceae	1
September, 2022	Cycad Section	<i>Zamia pumila</i> L.	Zamiaceae	1
September, 2022	Cycad Section	<i>Zamia furfuracea</i> L.f. ex Aiton	Zamiaceae	1
September, 2022	Cycad Section	<i>Zamia standleyi</i> Schutzman	Zamiaceae	1

September, 2022	Cycad Section	<i>Zamia inermis</i> Vovides, J.D Roes & Vázquez Torres	Zamiaceae	1
September, 2022	Cycad Section	<i>Zamia variegata</i> Warsz.	Zamiaceae	1
September, 2022	Cycad Section	<i>Zamia loddigesii</i> Miq.	Zamiaceae	1
September, 2022	Pinetum 1	<i>Podocarpus nerifolius</i> D Don	Podocarpaceae	2
September, 2022	Pinetum 1	<i>Podocarpus macrophyllus</i> (Thunb.) Sweet	Podocarpaceae	1
Oct 16 th – Nov 16 th , 2022	4	<i>Polyalthia longifolia</i> (Sonn.) Thwaites	Annonaceae	10
Oct 16 th – Nov 16 th , 2022	23	<i>Putranjiva roxburghii</i> Wall	Putranjivaceae	2
Oct 16 th – Nov 16 th , 2022	2	<i>Pinanga mani</i> Becc.	Arecaceae	1
Oct 16 th – Nov 16 th , 2022	2	<i>Bentinckia nicobarica</i> (Kurz) Becc.	Arecaceae	2
Oct 16 th – Nov 16 th , 2022	2	<i>Bentinckia conkapanna</i> Berry ex Roxb.	Arecaceae	7
Oct 16 th – Nov 16 th , 2022	2	<i>Adonia merrilli</i> (Becc.) Becc.	Arecaceae	2
Oct 16 th – Nov 16 th , 2022	23 and 24	<i>Senna pallida</i> var. <i>pallida</i> .	Fabaceae	3
Oct 16 th – Nov 16 th , 2022	6	<i>Theobroma cacao</i> L.	Malvaceae	1
Oct 16 th – Nov 16 th , 2022	Pinatum 1	<i>Taxodium distichum</i> (L.) Rich.	Cupressaceae	2
Nov 17 th – 16 th Dec, 2022	Polyalthia avenue	<i>Momoon longifolium</i> (Sonn.) B.Xuc & R.M.K.Saunders	Annonaceae	10
Nov 17 th – 16 th Dec, 2022	Roxburgh monument	<i>Putranjiva roxburghii</i> Wall	Putranjivaceae	2
Nov 17 th – 16 th Dec, 2022	Beside lerum lake	<i>Anacardium occidentale</i> L.	Anacardiaceae	4
Nov 17 th – 16 th Dec, 2022	Division 7	<i>Calophyllum inophyllum</i> L.	Calophyllaceae	3
Dec 16 th 2022 – Jan 16 th 2023	1	<i>Aegle marmelos</i> (L.) Corrêa	Rutaceae	5
Dec 16 th 2022 – Jan 16 th 2023	Banyan Avenue	<i>Cassia javanica</i> L.	Fabaceae	23
Dec 16 th 2022 – Jan 16 th 2023	1	<i>Pterocarpus indicus</i> Willd.	Fabaceae	1
Dec 16 th 2022 – Jan 16 th 2023	1	<i>Pterocarpus santalinus</i> L.f.	Fabaceae	1
Dec 16 th 2022 – Jan 16 th 2023	1	<i>Elaeocarpus angustifolius</i> Blume	Elaeocarpaceae	1
Dec 16 th 2022 – Jan 16 th 2023	1	<i>Elaeocarpus minorii</i> (Wight) Mast.	Elaeocarpaceae	1
Dec 16 th 2022 – Jan 16 th 2023	2	<i>Adonia merrilli</i> (Becc.) Becc.	Arecaceae	1
Dec 16 th 2022 – Jan 16 th 2023	2	<i>Santalum album</i> L.	Santalaceae	3
Dec 16 th 2022 – Jan 16 th 2023	Pinetum 1	<i>Araucaria</i> sp.	Araucariaceae	1
Jan 16 th – Feb 16 th , 2023	Edible fruit section/ Charak uddyan	<i>Punica granatum</i> L.	Lythraceae	2
Jan 16 th – Feb 16 th , 2023	Pinetum 1	<i>Araucaria</i> sp.	Araucariaceae	1
Jan 16 th – Feb 16 th , 2023	Charak uddyan	<i>Jasminum sambac</i> (L.) Aiton	Oleaceae	1
Jan 16 th – Feb 16 th , 2023	Charak uddyan	<i>Citrus indica</i> Yu.Tanaka	Rutaceae	1
Jan 16 th – Feb 16 th , 2023	Charak uddyan	<i>Hibiscus</i> sp.	Malvaceae	2
Jan 16 th – Feb 16 th , 2023	Charak uddyan	<i>Plumeria alba</i> L.	Apocynaceae	1
Feb 24 th , 2023	4, 5	<i>Cocos nucifera</i> L.	Arecaceae	2
March 10 th , 2023	Pinetum 2	<i>Agathis lanceolata</i> Warb.	Araucariaceae	2
19 th April, 2023 – 17 th May, 2023	Nature trail	<i>Thunbergia coccinea</i> Wall. ex D.Don	Acanthaceae	1
20 th April, 2023 – 17 th May, 2023	Nature trail	<i>Thunbergia grandiflora</i> Roxb.	Acanthaceae	1
21 st April, 2023 – 17 th May, 2023	Nature trail	<i>Crinum</i> sp.	Amaryllidaceae	50
22 nd April, 2023 – 17 th May, 2023	Nature trail	<i>Caladium bicolor</i> (Aiton) Vent.	Araceae	10
23 rd April, 2023 – 17 th May, 2023	Nature trail	<i>Dracunculus vulgaris</i> Schott	Araceae	10
24 th April, 2023 – 17 th May, 2023	Nature trail	<i>Epipremnum aureum</i> (Linden & André) G.S.Bunting	Araceae	20
25 th April, 2023 – 17 th May, 2023	Nature trail	<i>Asparagus racemosus</i> Willd.	Asparagaceae	1
26 th April, 2023 – 17 th May, 2023	Nature trail	<i>Mansoa alliacea</i> (Lam.) A.H.Gentry	Bignoniaceae	2
27 th April, 2023 – 17 th May, 2023	Nature trail	<i>Combretum indicum</i> (L.) DeFilipps	Combretaceae	4
28 th April, 2023 – 17 th May, 2023	Nature trail	<i>Combretum</i> sp.	Combretaceae	1
29 th April, 2023 – 17 th May, 2023	Nature trail	<i>Brachypterum scandens</i> (Roxb.) Wight & Arn. ex Miq.	Fabaceae	2
30 th April, 2023 – 17 th May, 2023	Nature trail	<i>Derris trifoliata</i> Lour.	Fabaceae	1
31 st April, 2023 – 17 th May, 2023	Nature trail	<i>Jasminum multiflorum</i> (Burn. f.) Andrews	Oleaceae	2

19th May, 2023 - 16th June, 2023	Nature trail	<i>Abronia augustum</i> (L.) L.f.	Malvaceae	4
19th May, 2023 - 16th June, 2023	Nature trail	<i>Acorus calamus</i>	Acoraceae	20
19th May, 2023 - 16th June, 2023	Nature trail	<i>Adina cordifolia</i> (Roxb.) Brandis	Rubiaceae	3
19th May, 2023 - 16th June, 2023	Nature trail	<i>Alocasia</i> sp.	Araceae	10
19th May, 2023 - 16th June, 2023	Nature trail	<i>Alpinia calcarata</i> (Andrews) Roscoe	Zingiberaceae	20
19th May, 2023 - 16th June, 2023	Nature trail	<i>Alpinia zerumbet</i> (Pers.) B.L.Burr & R.M.Sm.	Zingiberaceae	20
19th May, 2023 - 16th June, 2023	Nature trail	<i>Alstonia venenata</i> R.Br.	Apocynaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Amorphophallus bulbifer</i>	Araceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Amorphophallus bulbifer</i> (Schott) Blume	Araceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Annona muricata</i> L.	Annonaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Anthurium hookeri</i>	Araceae	4
19th May, 2023 - 16th June, 2023	Nature trail	<i>Anthurium</i> sp.	Araceae	10
19th May, 2023 - 16th June, 2023	Nature trail	<i>Aphanamixis polystachya</i> (Wall.) R.Parker	Meliaceae	1
19th May, 2023 - 16th June, 2023	Nature trail	<i>Aquilaria malaccensis</i> Benth.	Thymelaeaceae	1
19th May, 2023 - 16th June, 2023	Nature trail	<i>Asparagus racemosus</i>	Asparagaceae	1
19th May, 2023 - 16th June, 2023	Nature trail	<i>Barringtonia acutangula</i> (L.) Gaertn.	Lecythidaceae	3
19th May, 2023 - 16th June, 2023	Nature trail	<i>Buchanania barberi</i> Gamble	Anacardiaceae	3
19th May, 2023 - 16th June, 2023	Nature trail	<i>Caladium bicolor</i>	Araceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Calophyllum inophyllum</i> L.	Calophyllaceae	4
19th May, 2023 - 16th June, 2023	Nature trail	<i>Cunarium strictum</i> Roxb.	Burseraceae	1
19th May, 2023 - 16th June, 2023	Nature trail	<i>Carallia brachiata</i> (Lour.) Merr.	Rhizophoraceae	1
19th May, 2023 - 16th June, 2023	Banyan Avenue	<i>Cassia fistula</i> L.	Fabaceae	150
19th May, 2023 - 16th June, 2023	Nature trail	<i>Cassia javanica</i>	Fabaceae	12
19th May, 2023 - 16th June, 2023	Nature trail	<i>Ceiba pentandra</i> (L.) Gaertn.	Malvaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Chrysopogon zizanioides</i> (L.) Roberty	Poaceae	10
19th May, 2023 - 16th June, 2023	Nature trail	<i>Cinnamomum malabratrum</i> (Burm.f.) J. Presl	Lauraceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Cocos nucifera</i> L.	Arecaceae	1
19th May, 2023 - 16th June, 2023	Nature trail	<i>Coffea arabica</i> L.	Rubiaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Coix lacryma-jobi</i> L.	Poaceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Colocasia esculenta</i> (L.) Schott	Araceae	10
19th May, 2023 - 16th June, 2023	Nature trail	<i>Costus pictus</i> D.Don	Costaceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Crinum asiaticum</i> L.	Amaryllidaceae	20
19th May, 2023 - 16th June, 2023	Nature trail	<i>Curculigo capiculata</i> (Lour.) Kuntze	Hypoxidaceae	20
19th May, 2023 - 16th June, 2023	Nature trail	<i>Curcuma caesia</i> Roxb.	Zingiberaceae	20
19th May, 2023 - 16th June, 2023	Nature trail	<i>Cymbopogon citratus</i> (DC.) Stapf	Poaceae	10
19th May, 2023 - 16th June, 2023	Nature trail	<i>Dalbergia latifolia</i> Roxb.	Fabaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Derris scandens</i>	Fabaceae	3
19th May, 2023 - 16th June, 2023	Nature trail	<i>Dioscorea alata</i> L.	Dioscoreaceae	1
19th May, 2023 - 16th June, 2023	Nature trail	<i>Diospyros malabarica</i> (Desr.) Kostel.	Ebenaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Diospyros malabarica</i> (Desr.) Kostel.	Ebenaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Dipterocarpus alatus</i> Roxb. ex G.Donretusus Blume	Dipterocarpaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Dracaena</i> sp.	Asparagaceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Dyopsis lutescens</i> (H.Wendl.) Beentje & J.Dransf.	Arecaceae	60
19th May, 2023 - 16th June, 2023	Nature trail	<i>Ficus benghalensis</i> L.	Moraceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Ficus krishnae</i> C.DC.	Moraceae	4
19th May, 2023 - 16th June, 2023	Nature trail	<i>Ficus religiosa</i> L.	Moraceae	4
19th May, 2023 - 16th June, 2023	Nature trail	<i>Ficus virens</i> Aiton	Moraceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Garcinia gummi-gutta</i> (L.) N. Robson	Clusiaceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Garcinia indica</i> (Thouars) Choisy	Clusiaceae	1
19th May, 2023 - 16th June, 2023	Nature trail	<i>Garcinia xanthochymus</i> Hook.f. ex T. Anderson	Clusiaceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Gonatopus botvini</i> (Decne.) Engl.	Araceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Gustavia augusta</i> L.	Lecythidaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Heliconia rostrata</i> Ruiz & Pav.	Heliconiaceae	5

19th May, 2023 - 16th June, 2023	Nature trail	<i>Hellenia speciosa</i> (J. Koenig) S.R. Dutta	Costaceae	10
19th May, 2023 - 16th June, 2023	Nature trail	<i>Heritiera fomes</i> Banks	Malvaceae	1
19th May, 2023 - 16th June, 2023	Nature trail	<i>Heritiera macrophylla</i>	Malvaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Hibiscus rosa-sinensis</i> L.	Malvaceae	1
19th May, 2023 - 16th June, 2023	Nature trail	<i>Hibiscus tiliaceus</i> L.	Malvaceae	4
19th May, 2023 - 16th June, 2023	Nature trail	<i>Hibiscus tiliaceus</i> L.	Malvaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Hippeastrum puniceum</i> (Lam.) Voss	Amaryllidaceae	20
19th May, 2023 - 16th June, 2023	Nature trail	<i>Hippeastrum puniceum</i> (Lam.) Voss	Amaryllidaceae	20
19th May, 2023 - 16th June, 2023	Nature trail	<i>Holigarna arnottiana</i> Hook f.	Anacardiaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Hopea parvifolia</i> (Warb.) Slooten	Dipterocarpaceae	3
19th May, 2023 - 16th June, 2023	Nature trail	<i>Hopea ponga</i> (Dennst.) Mabb.	Dipterocarpaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Hopea racophloea</i> Dyer	Dipterocarpaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Humboldtia decurrens</i> Bedd. ex Oliv.	Fabaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Humboldtia vahliana</i> Wight	Fabaceae	4
19th May, 2023 - 16th June, 2023	Nature trail	<i>Litsea glutinosa</i> (Lour.) C.B. Rob.	Lauraceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Macaranga peltata</i>	Euphorbiaceae	1
19th May, 2023 - 16th June, 2023	Nature trail	<i>Machilus glaucescens</i> (Nees) Wight	Lauraceae	1
19th May, 2023 - 16th June, 2023	Nature trail	<i>Madhuca longifolia</i> var. <i>latifolia</i> (Roxb.) A.Chev.	Sapotaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Mangifera indica</i> L.	Anacardiaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Mansoa alliacea</i> (Lam.) A.H. Gentry	Bignoniaceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Mimusops elengi</i> L.	Sapotaceae	70
19th May, 2023 - 16th June, 2023	Nature trail	<i>Monoon longifolium</i> (Sonn.) B.Xue & R.M.K. Saunders	Annonaceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Murraya paniculata</i> (L.) Jack (For Hedge)	Rutaceae	1500
19th May, 2023 - 16th June, 2023	Nature trail	<i>Musa ornata</i> Roxb.	Musaceae	15
19th May, 2023 - 16th June, 2023	Nature trail	<i>Musa × paradisiaca</i> L.	Musaceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Neolamarckia cadamba</i> (Roxb.) Bosser	Rubiaceae	3
19th May, 2023 - 16th June, 2023	Nature trail	<i>Ochna seerulata</i>	Ochnaceae	3
19th May, 2023 - 16th June, 2023	Nature trail	<i>Pandanus amaryllifolius</i> Roxb. ex Lindl.	Pandanaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Philodendron</i> sp.	Araceae	50
19th May, 2023 - 16th June, 2023	Nature trail	<i>Pinus roxburghii</i>	Pinaceae	1
19th May, 2023 - 16th June, 2023	Nature trail	<i>Putranjiva roxburghii</i> Wall.	Putranjivaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Saccharum officinarum</i> L.	Poaceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Saccharum spontaneum</i> L.	Poaceae	10
19th May, 2023 - 16th June, 2023	Nature trail	<i>Samadera indica</i> Gaertn.	Simaroubaceae	2
19th May, 2023 - 16th June, 2023	Brownea avenue to nature trail	<i>Saraca asoca</i> (Roxb.) W.J. de Wilde	Fabaceae	250
19th May, 2023 - 16th June, 2023	Nature trail	<i>Schleichera oleosa</i> (Lour.) Oken	Sapindaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Sesbania grandiflora</i> (L.) Poir.	Fabaceae	1
19th May, 2023 - 16th June, 2023	Nature trail	<i>Smilax zeylanica</i>	Smilacaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Spathiphyllum wallisii</i> Regel	Araceae	10
19th May, 2023 - 16th June, 2023	Nature trail	<i>Strychnos nux-vomica</i> L.	Loganiaceae	3
19th May, 2023 - 16th June, 2023	Nature trail	<i>Symplocos cochinchinensis</i> (Lour.) S. Moore	Symplocaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Syngonium podophyllum</i> Schott	Araceae	10
19th May, 2023 - 16th June, 2023	Nature trail	<i>Syzygium carvophyllum</i> (L.) Alston	Myrtaceae	4
19th May, 2023 - 16th June, 2023	Nature trail	<i>Syzygium cumini</i> (L.) Skeels	Myrtaceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Syzygium mundagam</i> (Bourd.) Chithra	Myrtaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Syzygium palodense</i> Shareef, E.S.S. Kumar & Shaju	Myrtaceae	1
19th May, 2023 - 16th June, 2023	Nature trail	<i>Tecomaria capensis</i> (Thunb.) Spach	Bignoniaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Combretaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Terminalia catappa</i> L.	Combretaceae	3
19th May, 2023 - 16th June, 2023	Nature trail	<i>Tetrapilus dioicus</i> (Roxb.) L.A.S. Johnson	Oleaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Thespesia populnea</i> (L.) Sol. ex Corrêa	Malvaceae	3
19th May, 2023 - 16th June, 2023	Nature trail	<i>Thysanolaena maxima</i> (Roxb.) Kuntze	Poaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Vateria indica</i> L.	Dipterocarpaceae	1

19th May, 2023 - 16th June, 2023	Nature trail	<i>Combretum indicum</i> (L.) DeFilipps	Combretaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Buchanania lanzan</i> Spreng	Anacardiaceae	5
17th June, 2023 - 18th July, 2023	9	<i>Plumeria rubra</i> L.	Apocynaceae	100
17th June, 2023 - 18th July, 2023	17	<i>Dolichandrone falcata</i> (Wall. ex DC.) Seem.	Bignoniaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Millingtonia hortensis</i> L.f.	Bignoniaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Oroxylum indicum</i> (L.) Kurz	Bignoniaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Spathodea campanulata</i> P.Beauv.	Bignoniaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Tecomella undulata</i> (Sm.) Seem	Bignoniaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Commiphora caudata</i> (Wight & Arn.) Engl.	Burseraceae	5
17th June, 2023 - 18th July, 2023	17	<i>Commiphora wightii</i> (Arn.) Bhandari	Burseraceae	5
17th June, 2023 - 18th July, 2023	17	<i>Mesua ferrea</i> L.	Calophyllaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Crateva adansonii</i> DC.	Capparaceae	2
17th June, 2023 - 18th July, 2023	17	<i>Elaeodendron glaucum</i> (Rottb.) Pers	Celastraceae	5
17th June, 2023 - 18th July, 2023	17	<i>Salacia chinensis</i> L.	Celastraceae	2
17th June, 2023 - 18th July, 2023	17	<i>Garcinia indica</i> (Thouars) Choisy	Clusiaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Combretum</i> sp.	Combretaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Terminalia anogeissiana</i> Gere & Boatwr.	Combretaceae	2
17th June, 2023 - 18th July, 2023	17	<i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn.	Combretaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Combretaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Terminalia elliptica</i> Willd.	Combretaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Diospyros malabarica</i> (Desr.) Kostel.	Ebenaceae	10
17th June, 2023 - 18th July, 2023	17	<i>Diospyros montana</i> Roxb.	Ebenaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Elaeocarpus</i> sp.	Elaeocarpaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Lasiococca comberi</i> Haines	Euphorbiaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Macaranga peltata</i> (Roxb.) Müll.Arg.	Euphorbiaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Manihot esculenta</i> Crantz	Euphorbiaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Suregada multiflora</i> (A. Juss.) Baill.	Euphorbiaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Adenanthera pavonina</i> L.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Albizia odoratissima</i> (L.f.) Benth.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Albizia procera</i> (Roxb.) Benth.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Brachypterum scandens</i> (Roxb.) Wight & Arn. ex Miq.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Dalbergia latifolia</i> Roxb.	Fabaceae	15
17th June, 2023 - 18th July, 2023	17	<i>Dalbergia sissoo</i> Roxb. ex DC.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Erythrina suberosa</i> Roxb.	Fabaceae	1
17th June, 2023 - 18th July, 2023	17	<i>Erythrina variegata</i> L.	Fabaceae	1
17th June, 2023 - 18th July, 2023	17	<i>Flemingia semialata</i> Roxb. ex W.T.Aiton	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Hardwickia binata</i> Roxb.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Ptilostigma malabaricum</i> (Roxb.) Benth.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Pongamia pinnata</i> (L.) Pierre	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Pterocarpus marsupium</i> Roxb.	Fabaceae	16
17th June, 2023 - 18th July, 2023	17 and 18	<i>Pterocarpus santalinus</i> L.f.	Fabaceae	75
17th June, 2023 - 18th July, 2023	17	<i>Saraca asoca</i> (Roxb.) W.J.de Wilde	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Senegalia rugata</i> (Lam.) Britton & Rose	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Vachellia farnesiana</i> (L.) Wight & Arn.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Vachellia mitotica</i> (L.) P.J.H.Hurter & Mabb.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Gmelina arborea</i> Roxb. ex Sm.	Lamiaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Premna barbata</i> Wall. ex Schauer	Lamiaceae	5
17th June, 2023 - 18th July, 2023	17	<i>Vitex negundo</i> L.	Lamiaceae	2
17th June, 2023 - 18th July, 2023	17	<i>Vitex trifolia</i> L.	Lamiaceae	2
17th June, 2023 - 18th July, 2023	17	<i>Cryptocarya amygdalina</i> Nees	Lauraceae	2
17th June, 2023 - 18th July, 2023	17	<i>Litsea glutinosa</i> (Lour.) C.B.Rob.	Lauraceae	2
17th June, 2023 - 18th July, 2023	17	<i>Strychnos potatorum</i> L.f.	Loganiaceae	2
17th June, 2023 - 18th July, 2023	17	<i>Lagerstroemia</i> sp.	Lythraceae	5

17th June, 2023 - 18th July, 2023		17	<i>Lawsonia inermis</i> L.	Lythraceae	5
17th June, 2023 - 18th July, 2023		16	<i>Magnolia grandiflora</i> L.	Magnoliaceae	80
17th June, 2023 - 18th July, 2023		17	<i>Ceiba pentandra</i> (L.) Gaertn.	Malvaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Heritiera fomes</i> Banks	Malvaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Heritiera macrophylla</i> Wall. ex Kurz	Malvaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Hibiscus tiliaceus</i> L.	Malvaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Kydia calycina</i> Roxb.	Malvaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Sterculia urens</i> Roxb.	Malvaceae	2
17th June, 2023 - 18th July, 2023		17	<i>Thespesia populnea</i> (L.) Sol. ex Corrêa	Malvaceae	10
17th June, 2023 - 18th July, 2023		17	<i>Azadirachta indica</i> A.Juss.	Meliaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Dysoxylum gotadhora</i> (Buch.-Ham.) Mabb	Meliaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Melia azadirachta</i> L.	Meliaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Melia dubia</i> Cav.	Meliaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Swietenia macrophylla</i> King	Meliaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Ficus racemosa</i> L.	Moraceae	5
17th June, 2023 - 18th July, 2023		17	<i>Ficus religiosa</i> L.	Moraceae	5
17th June, 2023 - 18th July, 2023		17	<i>Syzygium cumini</i> (L.) Skeels	Myrtaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Syzygium jambos</i> (L.) Alston	Myrtaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Nyctanthes arbor-tristis</i> L.	Oleaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Schrebera swietenioides</i> Roxb.	Oleaceae	1
17th June, 2023 - 18th July, 2023		17	<i>Phyllanthus acidus</i> (L.) Skeels	Phyllanthaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Phyllanthus emblica</i> L.	Phyllanthaceae	2
17th June, 2023 - 18th July, 2023		17	<i>Putranjiva roxburghii</i> Wall.	Putranjivaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Adina cordifolia</i> (Roxb.) Brandis	Rubiaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Catunaregam spinosa</i> (Thunb.) Tirveng	Rubiaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Hymenodictyon orisense</i> (Roxb.) Mabb.	Rubiaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Mitragyna parvifolia</i> (Roxb.) Korth	Rubiaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Neolamarckia cadamba</i> (Roxb.) Bosser	Rubiaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Flacourtia jangomas</i> (Lour.) Raeusch.	Salicaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Dimocarpus longan</i> Lour.	Sapindaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Majidea zanguebarica</i> Kirk ex Oliv.	Sapindaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Sapindus emarginatus</i> Vahl	Sapindaceae	2
17th June, 2023 - 18th July, 2023		17	<i>Sapindus</i> sp.	Sapindaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Schleichera oleosa</i> (Lour.) Oken	Sapindaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Madhuca longifolia</i> (L.) J.F. Macbr. var. <i>latifolia</i> (Roxb.) A.Chev.	Sapotaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Manilkara hexandra</i> (Roxb.) Dubard	Sapotaceae	2
17th June, 2023 - 18th July, 2023		17	<i>Mimusops elengi</i> L.	Sapotaceae	10
17th June, 2023 - 18th July, 2023		17	<i>Simarouba glauca</i> DC.	Simaroubaceae	5
17th June, 2023 - 18th July, 2023		17	<i>Symplocos cochinchinensis</i> (Lour.) S. Moore	Symplocaceae	2
17th June, 2023 - 18th July, 2023		17	<i>Holoptelea integrifolia</i> (Roxb.) Planch.	Ulmaceae	2
19th July, 2023 - 18th August, 2023		4	<i>Anacardium occidentale</i> L.	Anacardiaceae	1
19th July, 2023 - 18th August, 2023	Wild edible fruit garden		<i>Buchanania lanzan</i> Spreng.	Anacardiaceae	1
19th July, 2023 - 18th August, 2023	Wild edible fruit garden		<i>Annona squamosa</i> L.	Annonaceae	1
19th July, 2023 - 18th August, 2023		11	<i>Alstonia nerifolia</i> D. Don	Apocynaceae	1
19th July, 2023 - 18th August, 2023		4	<i>Heptapleurum arboricola</i> Hayata	Araliaceae	1
19th July, 2023 - 18th August, 2023		4	<i>Heptapleurum venulosum</i> (Wight & Arn.) Seem	Araliaceae	1
19th July, 2023 - 18th August, 2023	Pinetum		<i>Agathis lanceolata</i> Warb.	Araucariaceae	7
19th July, 2023 - 18th August, 2023	Palmetum		<i>Adonidia merrillii</i> (Becc.) Becc.	Arecaceae	2
19th July, 2023 - 18th August, 2023	Palmetum		<i>Hyophorbe verschaffeltii</i> (W. Bull. ex J. Dix) H. Wendl.	Arecaceae	2
19th July, 2023 - 18th August, 2023	Palmetum		<i>Phoenix roebelenii</i> O'Brien	Arecaceae	2
19th July, 2023 - 18th August, 2023	Palmetum		<i>Pritchardia pacifica</i> Seem. & H. Wendl.	Arecaceae	2
19th July, 2023 - 18th August, 2023	Palmetum		<i>Washingtonia filifera</i> (Rafarin) H. Wendl. ex de Bary	Arecaceae	2
19th July, 2023 - 18th August, 2023		4	<i>Crescentia cujete</i> L.	Bignoniaceae	2

19th July, 2023 - 18th August, 2023	4	<i>Handroanthus chrysanthus</i> (Jacq.) S.O.Grose	Bignoniaceae	1
19th July, 2023 - 18th August, 2023	11	<i>Oroxylum indicum</i> (L.) Kurz	Bignoniaceae	5
19th July, 2023 - 18th August, 2023	4	<i>Spathodea campanulata</i> P.Beauv.	Bignoniaceae	5
19th July, 2023 - 18th August, 2023	4	<i>Bixa orellana</i> L.	Bixaceae	4
19th July, 2023 - 18th August, 2023	4	<i>Cochlospermum vitifolium</i> (Willd.) Spreng	Bixaceae	1
19th July, 2023 - 18th August, 2023	11	<i>Lophopetalum wightianum</i> Arn.	Celastraceae	1
19th July, 2023 - 18th August, 2023	19	<i>Salacia chinensis</i> L.	Celastraceae	1
19th July, 2023 - 18th August, 2023	19	<i>Garcinia gummi-gutta</i> (L.) N.Robson	Clusiaceae	1
19th July, 2023 - 18th August, 2023	Wild edible fruit garden	<i>Garcinia indica</i> (Thouars) Choisy	Clusiaceae	1
19th July, 2023 - 18th August, 2023	Pinetum	<i>Cryptomeria japonica</i> (Thunb. ex L.f.) D.Don	Cupressaceae	2
19th July, 2023 - 18th August, 2023	LPH front/Pinetum	<i>Juniperus chinensis</i> L.	Cupressaceae	3
19th July, 2023 - 18th August, 2023	Pinetum	<i>Platycladus orientalis</i> (L.) Franco	Cupressaceae	1
19th July, 2023 - 18th August, 2023	Pinetum	<i>Taxodium distichum</i> (L.) Rich.	Cupressaceae	4
19th July, 2023 - 18th August, 2023	Pinetum	<i>Cycas zeylanica</i> (J.Schust.) A.Lindstr. & K.D.Hill	Cycadaceae	3
19th July, 2023 - 18th August, 2023	Wild edible fruit garden	<i>Dillenia indica</i> L.	Dilleniaceae	1
19th July, 2023 - 18th August, 2023	17-Oct	<i>Diospyros malabarica</i> (Desr.) Kostel.	Ebenaceae	10
19th July, 2023 - 18th August, 2023	17	<i>Diospyros montana</i> Roxb.	Ebenaceae	5
19th July, 2023 - 18th August, 2023	4	<i>Diospyros peregrina</i> (Gaertn.) Gürke	Ebenaceae	1
19th July, 2023 - 18th August, 2023	11	<i>Elaeocarpus oblongus</i> Gaertn.	Elaeocarpaceae	1
19th July, 2023 - 18th August, 2023	11	<i>Elaeocarpus serratus</i> L.	Elaeocarpaceae	1
19th July, 2023 - 18th August, 2023	4	<i>Brownea coccinea</i> Jacq.	Fabaceae	2
19th July, 2023 - 18th August, 2023	4	<i>Cassia javanica</i> L.	Fabaceae	2
19th July, 2023 - 18th August, 2023	4-Jun	<i>Erythrina indica</i> Lam.	Fabaceae	20
19th July, 2023 - 18th August, 2023	14	<i>Erythrina suberosa</i> Roxb.	Fabaceae	1
19th July, 2023 - 18th August, 2023	21-Apr	<i>Erythrina variegata</i> L.	Fabaceae	1
19th July, 2023 - 18th August, 2023	4	<i>Parkia timoriana</i> (DC.) Merr.	Fabaceae	2
19th July, 2023 - 18th August, 2023	4	<i>Pterocarpus marsupium</i> Roxb.	Fabaceae	2
19th July, 2023 - 18th August, 2023	4	<i>Melia lenticularis</i> (Buch.-Ham. ex Benth.) Ragup., Seigler, Ebinger &	Fabaceae	1
19th July, 2023 - 18th August, 2023	4	<i>Senegalia rugata</i> (Lam.) Britton & Rose	Fabaceae	2
19th July, 2023 - 18th August, 2023	11	<i>Quercus ilex</i> L.	Fagaceae	1
19th July, 2023 - 18th August, 2023	17	<i>Gmelina arborea</i> Roxb. ex Sm.	Lamiaceae	5
19th July, 2023 - 18th August, 2023	17	<i>Premna barbata</i> Wall. ex Schauer	Lamiaceae	5
19th July, 2023 - 18th August, 2023	Gangadhar side	<i>Tectona grandis</i> L.f.	Lamiaceae	50
19th July, 2023 - 18th August, 2023	11	<i>Machilus glaucescens</i> (Nees) Wight	Lauraceae	1
19th July, 2023 - 18th August, 2023	4	<i>Couroupita guianensis</i> Aubl.	Lecythidaceae	3
19th July, 2023 - 18th August, 2023	4	<i>Gustavia augusta</i> L.	Lecythidaceae	2
19th July, 2023 - 18th August, 2023	11	<i>Magnolia grandiflora</i> L.	Magnoliferae	1
19th July, 2023 - 18th August, 2023	4	<i>Abroma augustum</i> (L.) L.f.	Malvaceae	2
19th July, 2023 - 18th August, 2023	4	<i>Adansonia grandidieri</i> Baill.	Malvaceae	1
19th July, 2023 - 18th August, 2023	4	<i>Ceiba pentandra</i> (L.) Gaertn.	Malvaceae	1
19th July, 2023 - 18th August, 2023	17	<i>Hibiscus tiliaceus</i> L.	Malvaceae	5
19th July, 2023 - 18th August, 2023	4	<i>Thespesia populnea</i> (L.) Sol. ex Corrêa	Malvaceae	1
19th July, 2023 - 18th August, 2023	4	<i>Melia dubia</i> Cav.	Meliaceae	1
19th July, 2023 - 18th August, 2023	4	<i>Ficus benjamina</i> L.	Moraceae	1
19th July, 2023 - 18th August, 2023	2	<i>Melaleuca citrina</i> (Curtis) Dum Cours.	Myrtaceae	3
19th July, 2023 - 18th August, 2023	19	<i>Syzygium caryophyllatum</i> (L.) Alston	Myrtaceae	1
19th July, 2023 - 18th August, 2023	Wild edible fruit section	<i>Syzygium cumini</i> (L.) Skeels	Myrtaceae	1
19th July, 2023 - 18th August, 2023	4	<i>Syzygium jambos</i> (L.) Alston	Myrtaceae	1
19th July, 2023 - 18th August, 2023	19	<i>Syzygium laetum</i> (Buch.-Ham.) Gandhi	Myrtaceae	1
19th July, 2023 - 18th August, 2023	4	<i>Ochna serrulata</i> (Hochst.) Walp.	Ochnaceae	2
19th July, 2023 - 18th August, 2023	10	<i>Nyctanthes arbor-tristis</i> L.	Oleaceae	5
19th July, 2023 - 18th August, 2023	1	<i>Phyllanthus acidus</i> (L.) Skeels	Phyllanthaceae	5
19th July, 2023 - 18th August, 2023	Wild edible fruit garden	<i>Phyllanthus emblica</i> L.	Phyllanthaceae	1

19th July, 2023 - 18th August, 2023	Pinetum	<i>Pinus roxburghii</i> Sarg.	Pinaceae	15
19th July, 2023 - 18th August, 2023	11	<i>Platanus orientalis</i> L.	Platanaceae	1
19th July, 2023 - 18th August, 2023	Pinetum	<i>Podocarpus macrophyllus</i> (Thunb.) Sweet	Podocarpaceae	4
19th July, 2023 - 18th August, 2023	Pinetum	<i>Podocarpus nerifolius</i> D. Don	Podocarpaceae	6
19th July, 2023 - 18th August, 2023	4	<i>Triplaris weigeltiana</i> (Rechb.) Kuntze	Polygonaceae	1
19th July, 2023 - 18th August, 2023	Wild edible fruit garden	<i>Ziziphus mauritiana</i> Lam.	Rhamnaceae	1
19th July, 2023 - 18th August, 2023	19	<i>Carallia brachiata</i> (Lour.) Merr.	Rhizophoraceae	1
19th July, 2023 - 18th August, 2023	Wild edible fruit garden	<i>Prunus domestica</i> L.	Rosaceae	1
19th July, 2023 - 18th August, 2023	11	<i>Adina cordifolia</i> (Roxb.) Brandis	Rubiaceae	1
19th July, 2023 - 18th August, 2023	4	<i>Coffea arabica</i> L.	Rubiaceae	1
19th July, 2023 - 18th August, 2023	6	<i>Gardenia jasminoides</i> J. Ellis	Rubiaceae	7
19th July, 2023 - 18th August, 2023	11	<i>Mitragyna parvifolia</i> (Roxb.) Korth.	Rubiaceae	5
19th July, 2023 - 18th August, 2023	Wild edible fruit garden	<i>Limonia acidissima</i> L.	Rutaceae	1
19th July, 2023 - 18th August, 2023	Wild edible fruit garden	<i>Flacourtia indica</i> (Burm.f.) Merr.	Salicaceae	1
19th July, 2023 - 18th August, 2023	Wild edible fruit garden	<i>Flacourtia jangomas</i> (Lour.) Raeusch.	Salicaceae	1
19th July, 2023 - 18th August, 2023	Wild edible fruit garden	<i>Xylosma longifolia</i> Clos	Salicaceae	1
19th July, 2023 - 18th August, 2023	17	<i>Dimocarpus longan</i> Lour.	Sapindaceae	5
19th July, 2023 - 18th August, 2023	4	<i>Filicium decipiens</i> (Wight & Arn.) Thwaites	Sapindaceae	2
19th July, 2023 - 18th August, 2023	4	<i>Litchi chinensis</i> Sonn.	Sapindaceae	2
19th July, 2023 - 18th August, 2023	11/Wild edible fruit section	<i>Schleichera oleosa</i> (Lour.) Oken	Sapindaceae	1
19th July, 2023 - 18th August, 2023	19	<i>Madhuca longifolia</i> (L.) J.F. Macbr.	Sapotaceae	1
19th July, 2023 - 18th August, 2023	17	<i>Madhuca longifolia</i> (L.) J.F. Macbr. var. <i>latifolia</i> (Roxb.) A. Chev.	Sapotaceae	5
19th July, 2023 - 18th August, 2023	11	<i>Mimusops elengi</i> L.	Sapotaceae	10
19th July, 2023 - 18th August, 2023	4	<i>Simarouba glauca</i> DC.	Simaroubaceae	1
19th July, 2023 - 18th August, 2023	11/ Planted by Secretary Madam	<i>Aquilaria malaccensis</i> Lam.	Thymelaeaceae	1
19th August, 2023 - 18th September, 2023	1	<i>Borassus flabellifer</i> L.	Arecaceae	200
19th August, 2023 - 18th September, 2023	5	<i>Hyphaene thebaica</i> (L.) Mart.	Arecaceae	75
19th August, 2023 - 18th September, 2023	16	<i>Cycas revoluta</i> Thunb.	Cycadaceae	10
19th August, 2023 - 18th September, 2023	12,14	<i>Monoon longifolium</i> (Sonn.) B. Xue & R.M.K. Saunders	Annonaceae	20
19th August, 2023 - 18th September, 2023	15	<i>Juniperus chinensis</i> L.	Cupressaceae	5
19th September, 2023 - 18th October, 2023	15,16	<i>Brownea coccinea</i> Jacq.	Fabaceae	27
19th September, 2023 - 18th October, 2023	16	<i>Pachira insignis</i> (Sw.) Savigny	Malvaceae	3
19th October, 2023 - 18th November, 2023	4	<i>Monoon longifolium</i> (Sonn.) B. Xue & R.M.K. Saunders	Annonaceae	2
19th October, 2023 - 18th November, 2023	5	<i>Bentinckia nicobarica</i> (Kurz) Becc.	Arecaceae	1
19th October, 2023 - 18th November, 2023	16	<i>Saraca asoca</i> (Roxb.) W.J. de Wilde	Fabaceae	3
19th November, 2023 - 18th December, 2023	22	<i>Adinsonia digitata</i> L.	Malvaceae	1
1st January, 2024	15,16	<i>Santalum album</i> L.	Santalaceae	35
19th December, 2023 - 18th January, 2024	16	<i>Brownea coccinea</i> Jacq.	Fabaceae	2
February, 16th 2025	Wild edible fruit section	<i>Anacardium occidentale</i> L.	Anacardiaceae	1
February, 16th 2026	Wild edible fruit section	<i>Annona squamosa</i> L.	Annonaceae	1
February, 16th 2027	Wild edible fruit section	<i>Aphanamixis polystachya</i> (Wall.) R. Parker	Meliaceae	1
February, 16th 2028	Wild edible fruit section	<i>Averrhoa carambola</i> L.	Oxalidaceae	1
February, 16th 2029	Wild edible fruit section	<i>Carallia brachiata</i> (Lour.) Merr.	Rhizophoraceae	1
February, 16th 2030	Wild edible fruit section	<i>Cassia fistula</i> L.	Fabaceae	1
February, 16th 2031	Wild edible fruit section	<i>Citrus reticulata</i> Blanco	Rutaceae	1
February, 16th 2032	Wild edible fruit section	<i>Citrus × limon</i> (L.) Osbeck	Rutaceae	1
February, 16th 2033	Wild edible fruit section	<i>Coffea arabica</i> L.	Rubiaceae	1
February, 16th 2034	Wild edible fruit section	<i>Cordia dichotoma</i> G. Forst.	Boraginaceae	1
February, 16th 2035	Wild edible fruit section	<i>Dalbergia melanoxylon</i> Guill. & Perr.	Fabaceae	1
February, 16th 2036	Wild edible fruit section	<i>Dimocarpus longan</i> Lour.	Sapindaceae	1
February, 16th 2037	Wild edible fruit section	<i>Diospyros malabarica</i> (Desr.) Kostel.	Ebenaceae	1
February, 16th 2038	Wild edible fruit section	<i>Ficus benjamina</i> L.	Moraceae	1
February, 16th 2039	Wild edible fruit section	<i>Flacourtia jangomas</i> (Lour.) Raeusch.	Salicaceae	1

February, 16th 2040	Wild edible fruit section	Flacourtia montana J.Graham	Salicaceae	1
February, 16th 2041	Wild edible fruit section	Garcinia gummi-gutta (L.) N.Robson	Clusiaceae	1
February, 16th 2042	Wild edible fruit section	Garcinia xanthochymus Hook f. ex T.Anderson	Clusiaceae	1
February, 16th 2043	Wild edible fruit section	Holarrhena pubescens Will. ex G.Don	Apocynaceae	1
February, 16th 2044	Wild edible fruit section	Limonia acidissima L.	Rutaceae	1
February, 16th 2045	Wild edible fruit section	Litchi chinensis Sonn	Sapindaceae	1
February, 16th 2046	Wild edible fruit section	Malus domestica (Suckow) Borkh	Rosaceae	1
February, 16th 2047	Wild edible fruit section	Manilkara zapota (L.) P.Royen	Sapotaceae	1
February, 16th 2048	Wild edible fruit section	Morinda citrifolia L.	Rubiaceae	1
February, 16th 2049	Wild edible fruit section	Morus alba L.	Moraceae	1
February, 16th 2050	Wild edible fruit section	Nepheleum lappaceum L.	Sapindaceae	1
February, 16th 2051	Wild edible fruit section	Pachira insignis (Sw.) Savigny	Malvaceae	1
February, 16th 2052	Wild edible fruit section	Phyllanthus acidus (L.) Skeels	Phyllanthaceae	1
February, 16th 2053	Wild edible fruit section	Prunus domestica L.	Rosaceae	1
February, 16th 2054	Wild edible fruit section	Psidium cattleianum Sabine	Myrtaceae	1
February, 16th 2055	Wild edible fruit section	Psidium guajava L.	Myrtaceae	1
February, 16th 2056	Wild edible fruit section	Pterocarpus indicus Willd.	Fabaceae	1
February, 16th 2057	Wild edible fruit section	Punica granatum L.	Lythraceae	1
February, 16th 2058	Wild edible fruit section	Ravenala madagascariensis Sonn	Strelitziaceae	1
February, 16th 2059	Wild edible fruit section	Syzygium caryophyllatum (L.) Alston	Myrtaceae	1
February, 16th 2060	Wild edible fruit section	Syzygium cumini (L.) Skeels	Myrtaceae	1
February, 16th 2061	Wild edible fruit section	Syzygium samarangense (Blume) Merr. & L.M.Perry	Myrtaceae	1
February, 16th 2062	Wild edible fruit section	Vitex quinata (Lour.) F.N.Williams	Lamiaceae	1
February, 16th 2063	Wild edible fruit section	Xylocarpus longifolia Clos	Salicaceae	1
February, 16th 2064	Wild edible fruit section	Ziziphus mauritiana Lam.	Rhamnaceae	1



भारत सरकार
पर्यावरण एवं वन मंत्रालय
वैज्ञानिक ई का कार्यालय
आचार्य जगदीश चंद्र बोस भारतीय वनस्पति उद्यान
भारतीय वनस्पति सर्वेक्षण
सी. गार्डन, हावड़ा-711103

Handwritten signature



Government of India
Ministry of Environment, Forests & Climate Change
Office of the Scientist-'E'
Acharya Jagadish Chandra Bose Indian Botanic Garden
Botanical Survey of India
B. Garden, Howrah - 711103

दूरभाष/Tel.: 033-2668 1466/ 0554 / 9970; फैक्स/Fax: 033- 2668 5096; ईमेल./ Email:ibg_bsi@rediffmail.com

आ.ज.सं.नो.भा.व.उ. /File No.: AJCBIBG/ Tech/2023/1152

दिनांक /Date: 13/10/2023

To
The Chairman
West Bengal Pollution Control Board
Paribesh Bhawan
10A, Block-LA, Sector-III
Bidhannagar, Kolkata-700 106

Sub: Request for immediate actions to check in illegal disposal of pollutants dumped by the local resident along the boundary from Koley market to Andul Road inside the AJC Bose Indian Botanic Garden - reg.

Sir,

With reference to the above-mentioned subject, I would like to draw your kind attention towards the alarming situation the garden is facing on a regular basis due to illegal dumping of pollutants (solid & liquid waste including plastics) by the local residents. Several awareness campaign under Mission LiFE and Swachhta Abhiyan have been organized involving local residents, regarding the management of waste material and prohibition of garbage dumping inside the garden premises. But the situation remains the same, as a result all the feeding canals along boundary wall inside the garden are almost choked with huge amount of waste as mentioned and the lakes (specially the extended part of Shadir lake) get almost filled with waste flowing inside through sewage canal and huge amount of garbage has accumulated along the boundary wall (from Koley market to Andul Road). It is very alarming that, the order of the Honorable Calcutta High Court (Vide W. P. 2856 (W) of 2002 Re: CAN 6852 of 2012 filed on July 17, 2012 and CAN 521 of 2013 filed on January 17, 2013) is not followed, where it is clearly mentioned that any kind of waste (Solid/liquid) material should not be thrown inside garden premises. Here, I would like to inform you that the decision taken by 24th Joint Committee of Management meeting chaired by the Hon'ble Chief Secretary, West Bengal in presence of other members on 13th June, 2023 is also not followed properly. This is also to inform you that several requests were also made to Howrah Municipal Corporation but the response is not satisfactory. Dumping of the pollutants cumulatively hampers the whole ecosystem of garden and overall contribute to the environmental pollution. This prestigious garden is not only a heritage holding national and international reputation for Howrah District but also serving as a lung of the city.

With this regard, I am requesting you to kindly take stringent action and remedial measures to control the pollution by preventing the disposal of pollutants inside the garden premises

Looking forward for your kind cooperation and necessary action at the earliest.

Thanking you,

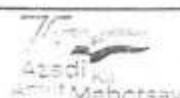
Yours sincerely,

Handwritten signature of Devendra Singh
13/10/23

(Devendra Singh)
Scientist 'E' and H.O.O.

Encls.:

1. Images of garbage dumped inside garden boundary wall and sewage inlets.
2. Minutes of 24th JCM meeting.



0/L

S. Panja
11/10/23CONTENTS NOT VERIFIED
LAW DEPARTMENT
H.M.C.

भारत सरकार
पर्यावरण एवं वन मंत्रालय
वैज्ञानिक ई का कार्यालय
आचार्य जगदीश चंद्र बोस भारतीय वनस्पति उद्यान
भारतीय वनस्पति सर्वेक्षण
बी. गार्डन, हावड़ा-711103



Government of India
Ministry of Environment, Forests & Climate Change
Office of the Scientist-'E'
Acharya Jagadish Chandra Bose Indian Botanic Garden
Botanical Survey of India
B. Garden, Howrah - 711103

दूरभाष/Tel.: 033-2668 1466/ 0554 / 9970; फ़ैक्स/Fax: 033- 2668 5096; ईमेल. / Email: ibg_bsi@rediffmail.com

आ.ज.स.बो.भा.व.उ. /File No.: AJCBIBG/ Tech/2023/1178

दिनांक /Date: 10/10/2023

To
The Commissioner
Howrah Municipal Corporation
4, Mahatma Gandhi Road
Howrah - 711101

Sub: Request for removal of the garbage dumped along the boundary wall from Koley market to Andul Road inside the AJC Bose Indian Botanic Garden - reg.

Sir,

With reference to the above-mentioned subject, this is to inform you that several awareness campaign under Mission LiFE and Swachhta Abhiyan have been organized involving local residents, regarding the management of waste material and prohibition of garbage dumping inside the garden premises, but I am sorry to inform you that there is huge amount of garbage (waste material including plastic waste) accumulated along the boundary wall (from Koley market to Andul Road), dumped regularly by the local residents. As a result, all the canals along boundary wall are almost choked with huge amount of waste as mentioned and the lakes (specially the extended part of Shadir lake) get almost filled with waste flowing inside through sewage canal. It is very alarming that, the order of the Honorable Calcutta High Court (**Vide W. P. 2856 (W) of 2002 Re: CAN 6852 of 2012 filed on July 17, 2012 and CAN 521 of 2013 filed on January 17, 2013**) is not followed, where it is clearly mentioned that any kind of waste (Solid/Liquid) material should not be thrown inside garden premises. It is also observed that cleaning staff from municipality or outsiders created holes in garden boundary wall at several places for easy passaging of waste material inside the garden which is also against the verdict of the Hon'ble Court. It is worth mentioning that the dumping of garbage severely affects the floral and faunal diversity and in near future the *ex-situ* conservation of several threatened plant taxa can be seriously damaged if stringent actions are not taken up immediately. This prestigious garden is not only a heritage holding national and international reputation for Howrah District but also serving as a lung of the city.

Therefore, I am requesting you to kindly take immediate action to remove garbage dumped inside garden premises and also to close the sewage inlets as earliest.

Looking forward for your kind cooperation and necessary facilitation at the earliest.

Thanking you,

Yours sincerely,

(Devendra Singh)

Scientist 'E' and H.o.O.

Encls.: Images of garbage dumped inside garden boundary wall and sewage inlets.

Copy to:

1. The Director, Botanical Survey of India, Kolkata for information.
2. In- Charge, Botanic Garden Police Station for information and necessary action.
3. Curator-in Charge, AJCBIBG for information and necessary action.



a/c



भारत सरकार
पर्यावरण एवं वन मंत्रालय
वैज्ञानिक-ई का कार्यालय
आचार्य जगदीश चंद्र बोस भारतीय वनस्पतिविज्ञान
भारतीय वनस्पति सर्वेक्षण
बी.गार्डन, होवड़ा

दूरभाष / Tel: 033-2668 1466 / 0554 / 9970; फ़ैक्स / Fax: 033-2668 5096; ईमेल / Email: ibg_bsi@rediffmail.com



Government of India
Ministry of Environment & Forests
Office of the Scientist 'E'
Acharya Jagadish Chandra Bose Indian Botanic Garden
Botanical Survey of India
B. Garden, Howrah - 711 103

आ.ज.अचं.बो.भा.व. BSI/AJCBIBG 1/1/2020/Civil/CPWD/Adm./3845

दिनांक / Date: 16.03.2024

To
Executive Engineer,
Kolkata Central Division-II, CPWD,
Kolkata-20

Subject: Repairing of Roads from Howrah Gate to Bambusetum via College Gate at AJCBIBG, BSI, Howrah-3 during the year 2023-24 – reg.

Ref.: F. No. 08/15/2023-CSB, MoEF&CC (CS-II Division), New Delhi; dated 14.03.2024

Sir,

With reference to the above subject I would like to inform you that this office has received administrative approval and financial sanction of the competent authority for an amount of Rs. 5,24,20,449/- for the repairing of Roads from Howrah Gate to Bambusetum via College Gate at AJCBIBG, BSI, Howrah-3 during the year 2023-24 vide above referred letter of MoEF&CC, New Delhi. The above mentioned roads are bituminous road and this office has so many court litigations and complaints from local environmental activists regarding construction of bituminous road in this Botanic Garden.

In this connection, the above approved repairing work of these roads may kindly be done with ecofriendly material, preferably with Paver Blocks.

Therefore, I would request you to kindly undertake the repairing work with above mentioned ecofriendly materials instead of bitumen considering the environmental issues.

Your cooperation in this regard will be highly appreciated.

Thanking you,

Yours sincerely

(Devendra Singh)

Scientist 'E' & H.O.O.

Encl.: as above.

Copy to:

1. The Director, Botanical Survey of India, Kolkata.
2. The Assistant Engineer CPWD, Kolkata.



भारत सरकार
 पर्यावरण वन एवं जलवायु परिवर्तन विभाग
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 भारतीय वन्य जीव संरक्षण
 ३, बगैचा, होवड़ा

दूरभाष / Tel: 033-2668 1468/033-2668 5970

फैक्स / Fax: 033-2668 5096

ईमेल / Email: ibg_bsi@rediffmail.com

पत्र सं. / No. A/CB/IG-232/8/2014-Tech. (Misc./Others)

दिनांक / Date: 25.09.2020



Government of India
 Ministry of Environment, Forest & Climate Change
 Office of the Scientist-'E'
 Acharya Jagadish Chandra Bose Indian Botanic Garden
 Botanical Survey of India
 B. Garden, Howrah - 711 103

The Divisional Manager
 West Bengal Forest Development Corporation Ltd.
 K.D. 9 Sector-III, Salt Lake,
 Kolkata - 700106

Sub: Auction of fallen/dead trees in AJC Bose Indian Botanic Garden, BSI, Howrah - reg.

This is to inform you that a huge number of trees uprooted during the super cyclone Amphan and other occasions are lying scattered in the AJC Bose Indian Botanic Garden, Botanical Survey of India, Howrah that is blocking the major avenues and diminishing the picturesque beauty of this historic garden. In this regard, it is also to mention that at earlier occasions, Hon'ble High Court at Calcutta had also passed orders dated 26.09.2011 & 23.04.2013 for the disposal of timbers from the garden. You are therefore requested to kindly do the needful for auction of the logs at the earliest.

Thanking you,

Yours faithfully,

Kanad Das
 25/9/2020

कनाद दास/Kanad Das

वैज्ञानिक ई एवं कार्यालय अध्यक्ष/
 Scientist 'E' & Head of Office

Received

30/09/20

content not verified

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भारत सरकार
पर्यावरण एवं वन मंत्रालय
वैज्ञानिक ई का कार्यालय
आचार्य जगदीश चंद्र बोस भारतीय वनस्पति उद्यान
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बी. गार्डन, हावड़ा-711103



Government of India
Ministry of Environment, Forests & Climate Change
Office of the Scientist-'E'
Acharya Jagadish Chandra Bose Indian Botanic Garden
Botanical Survey of India
B. Garden, Howrah - 711103

दूरभाष/Tel: 033-2668 1466/0554/9970; फैक्स/Fax: 033-2668 5056; ईमेल. / Email: ibg_bsi@rediffmail.com
आ.व.चं.बो.भा.व.उ. /File No.: AJCBIBG-2022(Admn)/1063

दिनांक /Date: 24/08/2023

To
The Divisional Manager
Kolkata Forest Corporation Division
West Bengal Forest Development Corporation Ltd.
KB-19, Sector-III, Salt Lake City, Kolkata-700106

Sub: Formation of timber lot of Cyclone damaged uprooted trees for disposal and auction within the campus of AJC Bose Indian Botanic Garden (Phase-II)- reg.

Sir,

Apropos to the above captioned subject, this is to inform you that a huge number of trees uprooted during severe cyclonic storm Amphan and earlier occasions are lying scattered in several places in garden. As per our request, many out of them have been removed by the West Bengal Forest Development Corporation, Kolkata in the first phase. But many logs are lying near garden main gate area which has been cut in standard size and in mixed condition. Most of these logs create blockage in major avenues and diminish the picturesque beauty of this age-old garden. With this regard, it is also to mention that at earlier occasions, Hon'ble High Court at Calcutta had also passed orders dated 26.09.2011 and 23.04.2013 for disposal of timbers from garden.

So, keeping in view of the above you are requested to kindly do the needful to arrange the logs into depot lot for further disposal through e-auction at the earliest for the second phase. A team of Scientific officers will co-ordinate with your team in identification and listing of the lots.

Thanking you,

Yours faithfully,

(Devendra Singh)

Scientist-E & H.o.O

Copy to:

1. The Director, Botanical Survey of India, Salt Lake, Kolkata-64 for information.





West Bengal Forest Development Corporation Limited

(A Government of West Bengal Undertaking)

Office of the Divisional Manager, Kolkata Forest Corporation Division

KB- 19, Sector - III, Salt Lake City, Kolkata - 700 106

Phone & Fax - (033) 23355203, e-mail: kfed@wbfdcl.com

CIN: U02005WB1974SGC029535

No: 1662 /17-59/IBG/20-21

Date: 09.12.2022

To:

The Scientist - D & Head of Office,
Indian Botanic Garden
Howrah - 711 103

Sub : Payment of e-auction revenue for further 13nos. Lots.

Ref : This office memo no: 1445/17-59/IBG/20-21 dated 13.10.2022.

1453/17-59/IBG/20-21 dated 18.10.2022.

Sir,

With reference to the above this is to bring to your kind notice that payment details of lot formation and e-auction sale price are as follows:

Total Lot formation done	56 nos.
Sold Lots through e-auction till date	56nos.
Balance Lots	0
Total Sale Value of Sold Lots	Rs. 46,14,000.00
100% payment received against 36nos. lots till date (i.e.- 39.64% of total sale value)	Rs. 18,29,000.00
Previously paid sale value for 23nos. lots	Rs. 13,92,500.00
Balance amount to be paid for 13nos. lots	Rs. 4,36,500.00

The detailed breakups for payment to IBG:

Sale Value for 13 nos. lots	4,36,500.00
Less total Harvesting, Logging, Lot formation cost (i.e.- 4,95,000/-) as 9.46% of realized payment	(-) 46,827.00
Total	3,89,673.00
Less 20% Administrative & Financial Charges on 4,36,500.00	(-)87,300.00
GST output as a service provider	(-) 15714.00
GST @ 18% on Rs. 87,300.00	(-) 15714.00
Net payable Amount	Rs. 2,86,659.00

(Total Rs. Two Lac Eighty-six Thousand Six Hundred and Fifty-nine only)

Only 9.46% of the total Harvesting, Logging, Lot formation cost has been deducted as per the realized payment of the total Sale Value.

The Payment has been made through DD in favour of "Accounts Officer, PAO (BSI/ZSI), Kolkata, Vide DD No:006697 dated 02.12.2022.

You are requested to give permission to lift the further 13nos. lots at earliest
Encl: List of 13nos. lots

Yours faithfully

Divisional Manager

Kolkata Forest Corporation Division

Date: 09.12.2022

No: _____/17-59/IBG/20-21

Copy forwarded for kind information to:

1. The Managing Director, WBFDC
2. The General Manager, HQ, WBFDC,
3. Assistant Divisional Manager, Kolkata F.C. Division.
4. The Range Manager, Attached Range, for taking necessary action

Sd/-
Anandshankar Mukherjee
Divisional Manager
Kolkata Forest Corporation Division
W.B. Forest Development Corporation Ltd.

Lot Formation of Indian Botanical Garden 2022-2023

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
1/IGB/22-23	Mahogany	3.30	2.60	1.394	08 Ps.	5.977 m3	
		2.80	1.30	0.296			
		2.30	2.10	0.634			
		2.10	2.40	0.756			
		2.20	2.50	0.859			
		2.20	1.20	0.198			
		2.00	1.00	0.125			
		3.50	2.80	1.715			

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
2/IGB/22-23	Mahogany	2.20	1.50	0.309	33 Ps.	5.243 m3	
		1.60	2.50	0.676			
		2.80	1.60	0.448			
		1.90	2.20	0.676			
		2.00	1.60	0.320			
		2.50	1.40	0.506			
		1.70	1.80	0.344			
		2.10	1.90	0.474			
		2.60	1.70	0.470			
		2.20	1.50	0.309			
		2.40	1.60	0.384			
		1.50	1.80	0.304			
		1.20	1.90	0.271			

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
3/IGB/22-23	Mahogany	2.80	2.10	0.772	6 Ps.	4.505 m3	
		2.40	2.10	0.662			
		3.10	2.60	1.310			
		2.30	2.00	0.575			
		2.00	2.10	0.551			
		2.10	2.20	0.635			

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
4/IGB/22-23	Mahogany	2.10	1.40	0.257	20 Ps.	3.085 m3	
		1.70	0.90	0.086			
		2.20	1.30	0.232			
		1.70	0.80	0.068			
		2.10	1.60	0.336			
		1.50	1.20	0.135			
		2.30	1.00	0.144			
		1.40	1.20	0.126			
		1.50	1.30	0.158			
		1.40	1.20	0.126			
		2.30	1.30	0.243			
		1.70	1.00	0.106			
		1.80	1.20	0.162			
		2.10	1.60	0.336			
		1.50	0.80	0.060			
		1.70	0.80	0.068			
		2.00	1.00	0.125			
		1.20	0.80	0.048			
1.60	1.40	0.196					
1.80	0.80	0.072					


 Subash Naskar JRM
 Deputy Range Manager
 Attached Range
 Kolkata F.C. Division
 W.B. Forest Dept.

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
5/IGB/22-23	Mahogany	1.60	1.60	0.256	14 Ps.	1.956 m3	Hollow
		1.80	1.00	0.113			Damage
		2.20	1.00	0.138			Hollow
		1.60	1.40	0.196			Hollow
		1.00	2.00	0.250			Damage
		2.50	1.60	0.400			Damage
		0.90	0.90	0.046			Damage
		0.90	0.90	0.046			Damage
		1.00	0.90	0.051			
		1.00	0.90	0.051			
		1.10	0.90	0.056			
		1.10	0.90	0.056			
		1.00	1.80	0.203			Damage
		0.80	1.40	0.098			Damage

Lot No. 6 (Mahogany)							
Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
6/IGB/22-23	Mahogany	1.80	2.80	0.882	09 Ps.	3.671 m3	
		1.80	2.60	0.761			
		1.80	2.50	0.703			
		1.40	2.10	0.386			
		1.20	1.80	0.243			
		1.70	1.60	0.272			
		1.60	1.20	0.144			
		1.50	1.30	0.158			
		1.00	1.40	0.123			

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
7/IGB/22-23	Mahogany	1.10	1.00	0.059	22 Ps.	1.271 m3	
		0.90	0.90	0.046			
		1.00	0.80	0.040			
		1.00	0.90	0.051			
		0.90	1.10	0.068			
		0.90	0.80	0.036			
		1.10	0.80	0.044			
		0.90	0.90	0.046			
		0.90	0.80	0.036			
		0.90	0.80	0.036			
		1.00	0.80	0.040			
		0.90	0.90	0.046			
		1.00	0.80	0.040			
		1.10	1.20	0.099			
		1.10	0.90	0.056			
		1.00	1.80	0.203			
		1.00	0.90	0.051			
0.90	0.80	0.036					
0.90	1.00	0.056					
0.90	0.80	0.036					
1.00	0.80	0.040					
1.10	1.20	0.099					


 Soubaris Dasgupta DPM
 Deputy Range Manager
 Attached Range
 Kolkata F.C. Division
 W.B. Forest Dept.

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
8/IGB/22-23	Jangala Sisham	2.10	2.00	0.525	11 Ps.	4.046 m3	Hollow
		2.20	2.00	0.550			Hollow
		2.20	1.80	0.446			Hollow
		2.10	3.50	1.608			Hollow
		2.00	1.60	0.320			
		1.00	1.30	0.106			
		1.20	1.30	0.127			
		1.10	1.20	0.099			
		0.90	1.10	0.068			
		1.30	1.00	0.061			
		1.30	1.20	0.117			

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
9/IGB/22-23	Jangala Sisham	1.60	2.00	0.400	13 Ps.	2.968 m3	
		2.00	1.90	0.451			
		1.60	1.80	0.324			
		4.40	1.30	0.465			
		1.90	1.20	0.171			
		1.40	1.20	0.126			
		1.50	1.20	0.135			
		1.10	1.20	0.099			
		1.10	1.30	0.116			
		1.30	1.00	0.061			
		2.00	1.40	0.245			
		2.30	1.00	0.144			
		2.00	1.30	0.211			

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
10/IGB/22-23	Mahogany	2.10	2.35	0.725	09 Ps.	3.198 m3	
		2.10	2.30	0.694			
		2.00	1.80	0.405			
		2.20	1.80	0.446			
		1.10	1.50	0.155			
		2.00	1.20	0.180			
		2.00	1.25	0.195			
		1.50	1.20	0.135			
		2.15	1.40	0.263			

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
11/IGB/22-23	Mahogany	2.10	1.90	0.474	10 Ps.	3.456 m3	
		2.10	2.00	0.525			
		2.40	1.60	0.384			
		2.00	1.25	0.195			
		2.60	1.20	0.234			
		2.00	1.30	0.211			
		2.10	2.00	0.525			
		2.80	1.70	0.506			
		2.10	1.30	0.272			
		2.00	1.20	0.180			


 Santanu Dasgupta B.M.
 Deputy Range Manager
 Attached Range
 Kolkata F.C. Division
 W.B. Forest Dev. Corp. Ltd.

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
12/IGB/22-23	Mahogany	2.20	2.60	0.930	10 Ps.	3.903 m3	
		2.10	2.10	0.579			
		2.10	2.60	0.887			
		1.20	2.00	0.300			
		2.00	2.40	0.360			
		1.80	1.70	0.325			
		1.60	1.60	0.256			
		2.00	1.20	0.180			
		1.30	0.80	0.052			
		1.30	0.65	0.034			

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
13/IGB/22-23	Mahogany	2.30	2.80	1.029	06 Ps.	4.420 m3	
		2.30	2.70	0.957			
		1.90	2.40	0.684			
		2.00	2.30	0.661			
		2.50	1.90	0.564			
		2.10	2.00	0.525			

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
14/IGB/22-23	Mahogany	2.20	1.70	0.397	10 Ps.	3.285 m3	
		2.20	1.40	0.270			
		2.10	1.45	0.276			
		2.20	1.40	0.270			
		2.20	1.50	0.309			
		2.20	1.40	0.270			
		2.20	1.40	0.270			
		2.20	1.40	0.270			
		2.40	1.40	0.294			
		2.00	2.30	0.661			

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
15/IGB/22-23	Mahogany	2.20	2.00	0.550	07 Ps.	2.958 m3	
		1.80	2.80	0.882			
		1.60	1.40	0.196			
		2.00	1.60	0.320			
		2.50	1.10	0.189			
		1.00	1.50	0.141			
		1.00	3.30	0.681			

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
16/IGB/22-23	Mahogany	2.20	3.20	1.408	05 Ps.	3.883 m3	
		1.80	3.00	1.013			
		2.20	1.90	0.496			
		2.20	2.00	0.550			
		2.60	1.60	0.416			


 Subam Naskar B.A.M.
 Deputy Range Manager
 Attached Range
 Kolkata F.C. Division
 W.B. Forest Dev. Corp. Ltd.

Lot No.	Species	Length (M)	Girth (M)	Volume (M ³)	Quantity	Total Volume	REMARKS
17/IGB/22-23	Mahogany	2.10	1.30	0.222	15 Ps.	2.306 m ³	
		2.50	1.00	0.156			
		2.10	1.00	0.131			
		1.60	1.10	0.121			
		2.10	1.30	0.116			
		1.70	0.90	0.086			
		2.10	1.00	0.131			
		2.10	1.00	0.131			
		1.70	0.90	0.086			
		2.20	1.00	0.138			
		2.20	1.40	0.270			
		2.00	1.20	0.180			
		2.00	1.10	0.151			
		2.20	1.20	0.198			
		2.10	1.20	0.189			

Lot No.	Species	Length (M)	Girth (M)	Volume (M ³)	Quantity	Total Volume	REMARKS
18/IGB/22-23	Siris	2.00	1.80	0.405	08 Ps.	3.081 m ³	
		1.40	1.70	0.253			
		2.30	1.90	0.519			
		2.30	1.60	0.368			
		2.00	1.70	0.361			
		1.60	1.50	0.225			
		2.50	1.20	0.225			
		2.90	2.00	0.725			

Lot No.	Species	Length (M)	Girth (M)	Volume (M ³)	Quantity	Total Volume	REMARKS
19/IGB/22-23	Mahogany	2.00	2.70	0.911	14 Ps.	4.840 m ³	
		2.20	2.50	0.859			
		2.00	2.20	0.605			
		2.20	2.00	0.550			
		2.00	1.70	0.361			
		1.70	1.40	0.208			
		1.90	1.10	0.144			
		1.00	1.10	0.076			
		2.40	1.60	0.384			
		1.60	1.60	0.256			
		1.70	1.30	0.180			
		2.00	1.00	0.125			
		1.40	1.10	0.106			
		1.20	1.00	0.075			

Goutam Naskar ARM

Deputy Range Manager
Attached Range
Kolkata F.C. Division
W.B. Forest Dev. Corp. Ltd.



Lot No.	Species	Length (M)	Girth (M)	Volume (M ³)	Quantity	Total Volume	REMARKS
20/IGB/22-23	Siris	2.60	2.10	0.717	16 Ps.	2.629 m ³	
		1.70	1.50	0.239			
		1.00	1.20	0.090			
		2.20	1.00	0.138			
		1.50	1.00	0.094			
		1.00	1.20	0.090			
		2.40	1.00	0.150			
		1.50	0.90	0.076			
		1.30	0.70	0.040			
		1.50	0.80	0.060			
		1.20	0.70	0.037			
		1.60	0.70	0.049			
		1.50	0.60	0.034			
		2.20	1.40	0.270			
		1.50	1.50	0.211			
		2.10	1.60	0.336			

Lot No.	Species	Length (M)	Girth (M)	Volume (M ³)	Quantity	Total Volume	REMARKS
21/IGB/22-23	Siris	2.00	3.80	1.805	08 Ps.	7.632 m ³	
		3.10	2.90	1.629			
		2.20	2.50	0.859			
		1.20	2.20	0.363			
		2.70	2.20	0.817			
		2.20	2.20	0.666			
		2.40	2.80	1.176			
		3.00	1.30	0.317			

Lot No.	Species	Length (M)	Girth (M)	Volume (M ³)	Quantity	Total Volume	REMARKS
22/IGB/22-23	Siris	3.20	3.60	2.592	06 Ps.	5.532 m ³	
		2.90	1.80	0.587			
		2.30	2.20	0.696			
		2.20	2.80	1.078			
		2.20	1.50	0.309			
		2.20	1.40	0.270			

Gautam Nishkar DRM

Deputy Range Manager
Attached Range
Kolkata F.C. Division
W.B. Forest Dev. Corp. Ltd.



Lot No.	Species	Length (M)	Girth (M)	Volume (M ³)	Quantity	Total Volume	REMARKS
23/IGB/22-23	Misc. Timber	2.30	1.20	0.207	22 Ps.	2.987 m ³	
		1.60	1.10	0.121			
		1.60	1.10	0.121			
		2.00	1.20	0.180			
		1.60	1.10	0.121			
		2.30	1.10	0.174			
		2.10	1.10	0.159			
		1.30	1.20	0.117			
		1.90	1.00	0.119			
		2.00	1.10	0.151			
		0.70	1.40	0.086			
		1.20	1.30	0.127			
		1.60	1.10	0.121			
		1.70	1.30	0.180			
		2.70	1.10	0.204			
		1.70	1.20	0.153			
		1.40	1.00	0.088			
		1.90	1.10	0.144			
		1.20	1.00	0.075			
		1.00	1.30	0.106			
1.80	1.10	0.136					
1.10	1.20	0.099					

Lot No.	Species	Length (M)	Girth (M)	Volume (M ³)	Quantity	Total Volume	REMARKS
24/IGB/22-23	Mahogany	2.60	3.60	2.106	14 Ps.	7.436 m ³	
		2.00	2.70	0.911			
		1.50	2.70	0.683			
		2.20	1.60	0.352			
		1.80	1.40	0.221			
		1.80	1.50	0.253			
		2.10	1.70	0.379			
		2.10	1.50	0.295			
		1.70	1.50	0.239			
		2.10	2.50	0.820			
		2.10	1.60	0.336			
		2.10	1.40	0.257			
		1.20	1.60	0.192			
		1.00	2.50	0.391			

Lot No.	Species	Length (M)	Girth (M)	Volume (M ³)	Quantity	Total Volume	REMARKS
25/IGB/22-23	Mahogany	2.00	1.50	0.281	10 Ps.	1.817 m ³	
		2.10	1.40	0.257			
		1.70	1.30	0.180			
		2.00	1.00	0.125			
		1.50	1.30	0.158			
		1.50	1.10	0.113			
		2.50	1.10	0.189			
		2.10	1.20	0.189			
		2.50	1.20	0.225			
1.10	1.20	0.099					

Sudhansu Naskar BRM

Deputy Range Manager
Attached Range
Kolkata F.C. Division
W.B. Forest Dev. Corp. Ltd



Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
26/IGB/22-23	Mahogany	2.20	2.00	0.550	15 Ps.	5.532 m3	
		2.10	2.20	0.635			
		2.10	1.80	0.425			
		1.30	2.00	0.325			
		2.00	2.40	0.720			
		2.30	2.00	0.575			
		2.70	1.60	0.432			
		2.10	1.80	0.425			
		2.20	1.00	0.138			
		2.20	1.30	0.232			
		2.10	1.10	0.159			
		2.10	1.10	0.159			
		2.60	1.50	0.366			
		2.00	1.20	0.180			
		2.00	1.30	0.211			

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
27/IGB/22-23	Mahogany	1.00	2.40	0.360	08 Ps.	4.907 m3	Hollow
		2.20	1.00	0.138			Damage
		1.90	1.50	0.267			Hollow
		2.20	2.40	0.792			Hollow
		2.20	3.20	1.408			Hollow
		2.10	2.40	0.756			Hollow
		2.00	2.10	0.551			Hollow
		2.10	2.20	0.635			Hollow

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
28/IGB/22-23	Mahogany	1.60	2.20	0.484	20 Ps.	4.724 m3	
		2.10	1.70	0.379			
		2.10	1.70	0.379			
		1.50	2.20	0.454			
		2.10	2.00	0.525			
		1.90	1.80	0.385			
		2.10	1.50	0.295			
		2.10	1.00	0.131			
		1.50	1.20	0.135			
		1.60	1.20	0.144			
		1.20	1.00	0.075			
		1.80	1.10	0.136			
		2.00	1.10	0.151			
		1.50	1.00	0.094			
		2.00	1.30	0.211			
		2.60	1.10	0.197			
		1.00	1.00	0.063			
		1.30	1.20	0.117			
1.60	1.50	0.225					
1.60	1.20	0.144					

Gautam Naskar D.R.M.
 Deputy Range Manager
 Attached Range
 Kolkata F.C. Division
 W.B. Forest Dev. Corp. Ltd.

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Lot Formation of Indian Botanical Garden 2022-2023

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
33/IBG/22-23	Siris	1.70	3.00	0.956	11 Ps.	3.777 m3	
		2.80	1.80	0.567			
		2.00	1.90	0.451			
		1.50	1.60	0.240			
		1.90	1.50	0.267			
		2.10	1.50	0.295			
		1.20	2.20	0.363			
		2.00	1.00	0.125			
		2.10	1.00	0.131			
		2.20	1.20	0.198			
		1.30	1.50	0.183			

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
34/IBG/22-23	Siris	1.50	1.00	0.094	23 Ps.	1.894 m3	
		1.25	1.05	0.086			
		0.90	1.10	0.068			
		1.40	0.80	0.056			
		2.00	1.10	0.151			
		1.70	1.00	0.106			
		1.20	1.10	0.091			
		2.00	0.80	0.080			
		2.10	1.00	0.131			
		1.40	0.90	0.071			
		1.50	0.80	0.060			
		1.50	1.10	0.113			
		1.20	0.70	0.037			
		1.20	0.90	0.061			
		1.80	1.00	0.113			
		1.30	1.00	0.081			
		1.20	0.90	0.061			
		1.20	0.80	0.048			
		1.10	1.00	0.069			
		1.50	1.00	0.094			
1.20	0.90	0.061					
1.80	1.00	0.113					
1.00	0.90	0.051					

Lot No.	Species	Length (M)	Breadth (M)	Height (M)	Volume (M3)	Total Volume	REMARKS
35/IBG/22-23	Siris	4.20	1.00	1.00	4.200	4.200 m3	Firewood

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Geofam Naskar DFM

Deputy Range Manager
 Attached Range
 Kolkata F.C. Division
 W.B. Forest Dev. Corp. Ltd.

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS	
3G/22-23	Mahogany	1	2.00	1.80	0.405	14 Ps.	2.012 m3	
		2	1.90	1.30	0.201			
		3	2.20	1.50	0.309			
		4	1.70	1.00	0.106			
		5	2.00	1.40	0.245			
		6	1.90	1.10	0.144			
		7	2.00	1.00	0.125			
		8	2.00	0.90	0.101			
		9	2.00	0.80	0.080			
		10	1.10	0.80	0.044			
		11	1.50	0.80	0.060			
		12	1.15	0.90	0.058			
		13	1.10	0.80	0.044			
		14	1.00	1.20	0.090			

Lot No.	Species	Length (M)	Breadth (M)	Height (M)	Volume (M3)	Total Volume	REMARKS
19/IBG/22-23	Mahogany	3.60	0.80	1.00	2.880	2.880 m3	Firewood

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS	
19/IBG/22-23	Siris	1	1.50	2.30	0.496	21 Ps.	5.126 m3	
		2	1.30	2.30	0.430			
		3	2.20	2.50	0.859			
		4	2.10	1.40	0.257			
		5	2.10	1.20	0.189			
		6	2.10	1.50	0.295			
		7	1.20	1.40	0.147			
		8	1.40	1.10	0.106			
		9	2.10	1.20	0.189			
		10	2.10	1.30	0.222			
		11	2.10	1.20	0.189			
		12	1.70	1.10	0.129			
		13	2.20	1.80	0.446			
		14	1.50	1.30	0.158			
		15	1.50	1.20	0.135			
		16	1.20	1.00	0.075			
		17	1.90	1.60	0.304			
		18	1.60	1.40	0.196			
		19	1.30	1.20	0.117			
		20	1.60	1.00	0.100			
21	1.40	1.00	0.088					

Lot No.	Species	Length (M)	Girth (M)	Quantity (Ps.)	Volume (M3)	Total Volume	REMARKS	
19/IBG/22-23	Siris	1	1.60	0.65	72	3.042	4.711 m3	Rotten And Damage
		2	1.60	0.65	25	1.056		
		3	1.10	0.90	11	0.613		

Lot No.	Species	Length (M)	Girth (M)	Quantity (Ps.)	Volume (M3)	Total Volume	REMARKS	
19/IBG/22-23	Mahogany	1	1.00	0.70	20	0.613	1.850 m3	Small Size
		2	1.00	0.60	30	0.675		
		3	1.00	0.60	25	0.563		

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Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS	
1/IBG/22-23	Mahogany	1	2.40	0.90	0.122	11 Ps.	1.298 m3	
		2	2.40	0.90	0.122			
		3	2.40	0.90	0.122			
		4	2.40	0.90	0.122			
		5	2.40	0.90	0.122			
		6	2.10	0.90	0.106			
		7	2.10	0.90	0.106			
		8	2.10	0.90	0.106			
		9	2.10	0.90	0.106			
		10	2.10	0.90	0.106			
		11	2.10	1.10	0.159			

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS	
2/IBG/22-23	EUC	1	2.00	1.50	0.281	06 Ps.	1.350 m3	
		2	2.00	1.30	0.211			
		3	2.00	1.50	0.281			
		4	2.00	1.30	0.211			
		5	2.00	1.20	0.180			
		6	1.50	0.80	0.060			
		7	2.00	1.00	0.125			

Lot No.	Species	Length (M)	Girth (M)	Quantity (Ps.)	Volume (M3)	Total Volume	REMARKS	
3/IBG/22-23	EUC	0.90	0.60	8	0.162	3.059 m3	<i>Timber may be upland species to</i> 	
	Pitull	1	1.10	0.60	15			0.371
		2	0.90	0.60	15			0.304
		3	1.20	0.65	7			0.222
	Species	Length (M)	Breadth (M)	Height (M)	Volume (M3)			
Pitull	2.50	1.00	0.80	2.000	Firewood			

Signature
26.7.2022

Goutam Naskar DRM

Deputy Range Manager
Attached Range
Kolkata F.C. Division
W.B. Forest Dev. Corp. Ltd.

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
		2.80	2.10	0.772			
		2.40	1.20	0.216			
		1.40	1.20	0.126			
		2.90	1.20	0.261			
		1.00	1.00	0.063			
		1.70	0.80	0.068			
		1.80	0.80	0.072			
		2.60	1.00	0.163			
		2.60	1.20	0.234			
		2.80	1.00	0.175			
		1.60	1.00	0.100			
		1.60	0.80	0.064			
		2.00	1.00	0.125			
		2.00	1.00	0.125			
		3.90	0.90	0.197			
		1.70	0.70	0.052			
		1.40	0.80	0.056			
44/IBG/22-23	Pituli	2.00	1.20	0.180	35 Ps.	4.668 m3	
		1.20	0.80	0.048			
		1.20	0.80	0.048			
		1.20	0.90	0.061			
		1.80	0.80	0.072			
		1.00	1.00	0.063			
		1.00	0.90	0.051			
		4.20	0.80	0.168			
		1.20	0.80	0.048			
		1.60	0.80	0.064			
		1.20	0.70	0.037			
		1.40	0.70	0.043			
		1.30	0.80	0.052			
		1.30	0.70	0.040			
		2.10	1.20	0.189			
		2.10	1.30	0.222			
		2.10	1.40	0.257			
		2.10	1.10	0.159			


 26/10/2022
 Attached Range
 Kollats, F.C. Division
 W.B. Forest Dev. Corp. Ltd.

Goutam Naskar DRM
 Deputy Range Manager
 Attached Range
 Kolkata F.C. Division
 W.B. Forest Dev. Corp. Ltd.

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS	
45/IBG/22-23	Mahogany	1	1.80	1.00	0.113	26 Ps.	1.955 m3	
		2	1.30	1.10	0.098			
		3	1.50	1.30	0.158			
		4	1.30	1.30	0.137			
		5	1.60	1.30	0.169			
		6	1.50	1.20	0.135			
		7	1.20	1.10	0.091			
		8	1.30	0.80	0.052			
		9	0.90	0.90	0.046			
		10	1.10	1.20	0.099			
		11	1.40	0.80	0.056			
		12	1.10	1.00	0.069			
		13	1.20	0.90	0.061			
		14	1.30	0.70	0.040			
		15	1.50	0.70	0.046			
		16	1.10	0.70	0.034			
		17	0.90	1.00	0.056			
		18	0.80	0.80	0.032			
		19	1.00	0.80	0.040			
		20	0.80	0.90	0.041			
		21	0.80	0.90	0.041			
		22	0.80	1.00	0.050			
		23	1.30	0.90	0.066			
		24	1.20	1.00	0.075			
		25	1.80	1.00	0.113			
		26	1.00	0.80	0.040			

Lot No.	Species	Length (M)	Breadth (M)	Height (M)	Volume (M3)	Total Volume	REMARKS
46/IBG/22-23	Mahogany	3.30	0.80	0.75	1.980	1.980 m3	Firewood

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS	
47/IBG/22-23	Mahogany	1	2.31	0.80	0.092	15 Ps.	1.340 m3	
		2	2.20	1.30	0.232			
		3	2.10	1.40	0.257			
		4	1.70	0.90	0.086			
		5	1.40	0.70	0.043			
		6	1.20	0.70	0.037			
		7	1.70	0.70	0.052			
		8	1.40	0.70	0.043			
		9	1.50	0.80	0.060			
		10	1.40	0.80	0.056			
		11	2.00	1.00	0.125			
		12	2.30	0.60	0.052			
		13	1.30	0.70	0.040			
		14	1.50	0.70	0.046			
		15	1.90	1.00	0.119			

[Handwritten signature]
 19/5/2017

[Handwritten signature] DRM
 Deputy Range Manager
 Attached Range
 Kolkata F.C. Division
 W.B. Forest Dev. C. Ltd.

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS	
48/IBG/22-23	Siris	1	2.30	2.20	0.696	17 Ps.	2.116 m3	
		2	1.00	1.40	0.123			
		3	2.10	1.00	0.131			
		4	2.10	1.20	0.189			
		5	1.50	1.10	0.113			
		6	1.50	0.70	0.046			Rotten
		7	1.70	0.70	0.052			Rotten
		8	1.00	0.80	0.040			Rotten
		9	1.00	0.80	0.040			Rotten
		10	2.20	0.60	0.050			Rotten
		11	1.60	0.80	0.064			Rotten
		12	2.20	1.00	0.138			
		13	1.80	0.90	0.091			
		14	1.70	1.00	0.106			
		15	2.00	0.90	0.101			
		16	1.20	0.90	0.061			
		17	1.50	0.90	0.076			

Lot No.	Species	Length (M)	Breadth (M)	Height (M)	Volume (M3)	Total Volume	REMARKS
49/IBG/22-23	Siris	1.00	0.75	0.05	0.038	0.038 m3	Firewood May not be utilised

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS	
50/IBG/22-23	Jhaw Timber	1	1.60	1.20	0.144	21 Ps.	3.716 m3	
		2	3.40	1.90	0.767			
		3	3.60	1.10	0.272			
		4	2.20	1.00	0.138			
		5	2.30	2.90	1.209			
		6	2.20	1.10	0.166			
		7	2.70	0.90	0.137			
		8	2.00	0.90	0.101			
		9	1.40	0.80	0.056			
		10	2.10	0.60	0.047			
		11	1.90	0.70	0.058			
		12	2.20	0.90	0.111			
		13	2.00	0.60	0.045			
		14	2.00	0.60	0.045			
		15	2.00	0.80	0.080			
		16	1.80	0.70	0.055			
		17	1.80	0.60	0.041			
18	2.10	0.90	0.106					
19	2.20	0.60	0.050					
20	2.10	0.60	0.047					
21	1.80	0.60	0.041					

[Handwritten signature and stamp]
 Deputy Range Manager
 Attached Range
 Kolkata F.C. Division
 W.B. Forest Dev. Corp. Ltd.

Goutam Naskar DRM
 Deputy Range Manager
 Attached Range
 Kolkata F.C. Division
 W.B. Forest Dev. Corp. Ltd.

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS	
53/IBG/22-23	Siris & Teak	1	3.20	1.50	0.450	18 Ps.	2.866 m3	
		2	2.20	1.60	0.352			
		3	2.00	1.50	0.281			
		4	1.50	1.20	0.135			
		5	1.60	1.20	0.144			
		6	1.90	1.00	0.119			
		7	1.30	1.00	0.081			
		8	2.00	1.00	0.125			
		9	2.00	0.80	0.080			
		10	2.00	1.10	0.151			
		11	1.90	1.00	0.119			
		12	1.20	1.50	0.169			
		13	1.00	1.00	0.063			
		14	1.30	1.00	0.081			
		15	1.80	0.80	0.072			
		16	1.50	0.70	0.046			Teak
		17	1.50	1.60	0.240			Teak
		18	1.50	1.30	0.158			Teak

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS	
52/IBG/22-23	Siris	1	1.20	2.80	0.588	17 Ps.	1.542 m3	
		2	1.60	0.90	0.081			
		3	1.70	0.90	0.086			
		4	1.60	0.80	0.064			
		5	1.40	0.70	0.043			
		6	1.50	0.80	0.060			
		7	1.20	0.70	0.037			
		8	1.20	0.60	0.027			
		9	1.30	0.70	0.040			
		10	1.20	0.70	0.037			
		11	1.80	0.60	0.041			
		12	1.50	1.00	0.094			
		13	1.40	0.80	0.056			
		14	1.40	0.90	0.071			
		15	1.40	0.80	0.056			
		16	1.50	1.00	0.094			
		17	1.10	1.00	0.069			

Lot No.	Species	Length (M)	Breadth (M)	Height (M)	Volume (M3)	Total Volume	REMARKS
53/IBG/22-23	Siris	2.00	0.60	0.60	0.720	0.720 m3	Firewood


 Range Transport
 Attached to
 Kolkata, F.C. Division
 W.B. Forest Dev. Corp. Ltd.

Goutam Dasgupta D.M.
 Deputy Range Manager
 Attached Range
 Kolkata F.C. Division
 W.B. Forest Dev. Corp. Ltd.



West Bengal Forest Development Corporation

Office of the Divisional Manager, Kolkata Forest Corporation Division,
ARANYA BIKASH, KB- 19, Sector - III, Salt Lake City, Kolkata-700 106
Tele Phone: (033) 4001 0636, (033) 4064 4128, e-mail: kfed@wbfdc.com



CTN: U02005WB1974SGC029S35,

GSTIN:19AAACW3862A9ZC

No. 232 /17-59/AJCTBG/20-21

Date: 04.03.2024

To

Dr. Devendra Singh
Scientist - E & Head of Office
Botanical Survey of India
A.J.C Bose Indian Botanic Garden
Howrah

Sub : Taking up of next phase of work at IBG as telephonic discussion.

This is to apprise you that, as per several rounds of visit conducted by team of officials from WBFDCI with Assistant Divisional Manager and Range Manager concerned, 30 nos. lots has been prepared and put to e-auction with due approval from WBFDCI Management.

However as per telephonic discussion, this division may take up another round of field visit for balance of forest produce lying in IBG as informed by you. You are requested to ensure complete clearances of inspection path/extraction path of such produce, cleaning of all debris/weeds/undesired weed growth on such sites before field visit of our team so that field inspection may be carried out smoothly in presence of your authorized representative to finalize next phase of work.


Divisional Manager

Kolkata Forest Corporation Division

No. _____ /17-59/AJCIBG/20-21

Date: 04.03.2024

Copy forwarded to:

1. The Managing Director, WBFDCI
2. The General Manager, HQ, WBFDCI
3. Range Manager, Attached Range- he is instructed to fix up field visit in consultation with Dr. S.P. Panda, Scientist-C& Curator in-charge (Mob-7980250104) after receiving information regarding the issues mentioned in this letter.

Sd/-

Angshuman Mukhopadhyay, WBFS
Divisional Manager

Kolkata Forest Corporation Division

Timber

Sl No.	Lot No.	Species	Volume (CUM)	No. of Logs
1	1 /IBG/SLR/KFCD/CD/2023-24	Miscellaneous	5.419	47
2	2 /IBG/SLR/KFCD/CD/2023-24	Mahogany	4.248	24
3	3 /IBG/SLR/KFCD/CD/2023-24	Miscellaneous	7.309	32
4	4 /IBG/SLR/KFCD/CD/2023-24	Miscellaneous	4.535	66
5	5 /IBG/SLR/KFCD/CD/2023-24	Mahogany	3.884	20
6	6 /IBG/SLR/KFCD/CD/2023-24	Miscellaneous	6.255	26
7	7 /IBG/SLR/KFCD/CD/2023-24	Miscellaneous	6.328	66
8	8 /IBG/SLR/KFCD/CD/2023-24	Miscellaneous	9.398	31
9	9 /IBG/SLR/KFCD/CD/2023-24	Mahogany	5.519	27
10	10 /IBG/SLR/KFCD/CD/2023-24	Jhaw	5.378	26
11	11 /IBG/SLR/KFCD/CD/2023-24	Siris	8.151	19
12	12 /IBG/SLR/KFCD/CD/2023-24	Miscellaneous	3.421	21
13	13 /IBG/SLR/KFCD/CD/2023-24	Siris	6.308	29
Total Volume (CUM) -			76.153	434

A/c
Divisional Manager
Kerala Forest Department

Firewood

Sl No.	Lot No.	Length (M)	Height (M)	Depth (M)	Volume (CUM)
1	14/FW/IBG/SLR/KFCD/CD/2023-24	3.000	1.400	2.400	10.080
2	15/FW/IBG/SLR/KFCD/CD/2023-24	5.400	1.400	2.700	20.412
3	16/FW/IBG/SLR/KFCD/CD/2023-24	3.700	1.400	2.500	12.950
4	17/FW/IBG/SLR/KFCD/CD/2023-24	6.000	1.400	2.200	18.480
5	18/FW/IBG/SLR/KFCD/CD/2023-24	5.600	1.400	4.600	36.064
6	19/FW/IBG/SLR/KFCD/CD/2023-24	4.700	2.600	5.500	67.210
7	20/FW/IBG/SLR/KFCD/CD/2023-24	5.500	1.200	2.100	13.860
8	21/FW/IBG/SLR/KFCD/CD/2023-24	4.000	1.500	2.400	14.400
9	22/FW/IBG/SLR/KFCD/CD/2023-24	7.000	1.600	2.000	22.400
10	23/FW/IBG/SLR/KFCD/CD/2023-24	4.500	1.400	2.500	15.750
11	24/FW/IBG/SLR/KFCD/CD/2023-24	10.000	1.400	2.600	36.400
12	25/FW/IBG/SLR/KFCD/CD/2023-24	4.500	1.500	2.200	14.850
13	26/FW/IBG/SLR/KFCD/CD/2023-24	5.500	1.500	1.600	13.200
14	27/FW/IBG/SLR/KFCD/CD/2023-24	5.000	2.000	2.100	21.000
15	28/FW/IBG/SLR/KFCD/CD/2023-24	6.500	2.000	2.200	28.600
16	29/FW/IBG/SLR/KFCD/CD/2023-24	6.000	1.300	2.300	17.940
17	30/FW/IBG/SLR/KFCD/CD/2023-24	5.000	1.500	4.500	33.750
Total Volume (CUM)					397.346


 Divisional Manager
 Kolkata Forest Corpn. Divn.
 W. B. Forest Dev. Corpn. Ltd



भारत सरकार

पर्यावरण एवं वन मंत्रालय

वैज्ञानिक ई का कार्यालय

आचार्य जगदीश चंद्र बोस भारतीय वनस्पति उद्यान

भारतीय वनस्पति सर्वेक्षण

बी. गार्डन, हावड़ा-711103

दूरभाष/Tel.: 033-2668 1466/ 0554 / 9970; फ़ैक्स/Fax: 033- 2668 5096; ईमेल / Email: ibg_bsi@rediffmail.com

फाइल संख्या/File No.: AJCBIBG-2022(Admn)/

दिनांक /Date: 29/01/2024

Government of India
Ministry of Environment, Forests & Climate Change

Office of the Scientist-'E'

Acharya Jagadish Chandra Bose Indian Botanic Garden

Botanical Survey of India

B. Garden, Howrah – 711103

To,
The Director
Botanical Survey of India
CGO Complex, 3rd MSO Building
Sector – I, Salt Lake,
Kolkata – 700064

**Subject: Request for approval to use timbers of fallen dead trees in AJCBIBG, BSI,
Howrah – reg.**

Sir,

It is to bring your kind notice that this office has started working on the renovation of the cafeteria, as per the decision adopted in the 24th JCM meeting regarding development and management of AJC Bose Indian Botanic Garden.

In this regard, necessary permission may be granted to use timbers of fallen dead trees inside the AJCBIBG, due to super cyclone Amphan, from where West Bengal Forest Department is working, to prepare round tables three to four (3-4) in number for the purpose of use in cafeteria.

Thanking you,

Yours faithfully,

(Devendra Singh)
Scientist-E and H.o.O.

Approved

29/01/2024

डिरेक्टर/ Director
भारत सरकार/ Govt. of India
भारतीय वनस्पति सर्वेक्षण
BOTANICAL SURVEY OF INDIA
एच.एच.एम.सी.ए.ए. 3rd MSO BUILDING
श्रीलाल बाग, सॉल्ट लैक सिटी
CGO COMPLEX, SALT LAKE CITY
कोलकाता-700064





भारत सरकार
पर्यावरण एवं वन मंत्रालय
वैज्ञानिक-ई का कार्यालय
आचार्य जगदीश चंद्र बोस भारतीय वनस्पति जटाल
भारतीय वनस्पति अवेक्षण
सी. गार्डन, हावड़ा-711103

दूरभाष/Tel.: 033-2668 1466/ 0554 / 9970; फ़ैक्स/Fax: 033- 2668 5096; ईमेल- / Email:ibg_bsi@rediffmail.com

आ.ज.च.बो.भा.व.उ. /File No.: AJCBIBG/Tech/2023/1160

दिनांक /Date: 06/12/2023

To
The District Magistrate
Office of the District Magistrate & Collector
Howrah, 3rd Floor, New Collectorate Building
6, Rishi Bankim Chandra Road
Post + PS + District – Howrah, Pin – 711 101

Sub: Request for evacuation along boundary line from the 55 No Gate to College Gate of AJC BOSE INDIAN BOTANIC GARDEN during the pruning of trees and removing illegal construction for reopening of earlier garden gate-reg.

Sir,

With reference to the letter vide file no. AJCBIBG/Tech/2023/1160 dated 11/09/2023 to the honorable Chief Secretary, West Bengal, [also copied to you] for evacuation along the boundary line from 55 no gate to College Gate of AJC Bose Indian Botanic Garden during the pruning of trees, this is to inform you that eighty-five (85) days has passed but no serious action has been taken till date in this regard. It is also to bring to your kind notice that this office has received the copy of the letter [file no. 3245- For/FR/O/N/6M-19/22 dated 27/09/23] from Joint Secretary, Government of West Bengal issued to you for taking necessary action at your end in this matter. The pruning of the trees along the boundary line is very much important as the heavy branches bend down towards the road side and at some places it touches the electric wires, thus causing damage to government properties. During the pruning time, if the place is not properly vacated any mishap/physical injury can happen. It is also to inform **we are planning to reopen the earlier garden gate but it has been noticed that an illegal temporary housing construction has been developed in front of the gate which creates hindrance for the developmental work.** As per instruction vide file no 1031/For dated 30.06.2023, the JCM committee under the Chairmanship of hon'ble Chief Secretary, Government of West Bengal has given necessary approval for creating parking lots inside the garden for which garden gate need to be extended.

Under these circumstances, it is my earnest request please take an urgent stringent action in this regard.

Thanking you,

Yours sincerely,

(Devendra Singh)
Scientist 'E' and H.o.O.

Encls.:

1. Copy of the letter vide file no. AJCBIBG/Tech/2023/1160 dated 11/09/2023.
2. Copy of the letter file no. 3245- For/FR/O/N/6M-19/22 dated 27/09/23.
3. Copy of the minutes of JCM meeting vide file no 1031/For dated 30.06.2023





भारत सरकार/ GOVERNMENT OF INDIA

पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय/ MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE CHANGE

भारतीय वनस्पति सर्वेक्षण/ BOTANICAL SURVEY OF INDIA

निदेशक का कार्यालय/ OFFICE OF THE DIRECTOR

सी.जी.ओ. कॉम्प्लेक्स, तृतीय एम.एस. ब्लॉक, भवन/ CGO COMPLEX, 3RD MSO BUILDING

ब्लॉक एफ, चौथी और छठा तल/ BLOCK F, 5TH & 6TH FLOOR (ROOM NO. 549-555 & 649-655)

डी एफ ब्लॉक, सेक्टर १, नान्ट सेक सिटी, कोलकाता - ६४/ DF BLOCK, SECTOR I, SALT LAKE CITY, KOLKATA - 700 064

संख्या/No.: भा.व.स./BSI-36/1/2022-Admn./

दिनांक/Date: 16th December, 2022

सेवा में/To

शैक्षणिक-ई व कार्यालयाध्यक्ष /Scientist-E & Head of Office
भारतीय वनस्पति सर्वेक्षण/ Botanical Survey of India
आचार्य जगदीश चन्द्र बोस भारतीय वनस्पति उद्यान/
Acharya Jagadish Chandra Bose Indian Botanic Garden
हावड़ा-711103/Howrah-711103

विषय/Sub.: Request for approval of draft tender papers of operating E-Battery vehicles inside the Acharya Jagadish Chandra Bose Indian Botanic Garden, BSI, Howrah-reg.

महोदय/Sir,

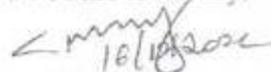
With reference to your letter number BSI/AJCBIBG/9/1/2022/CS (B)/Admin./1353 dated 11th October, 2022 on the above mentioned subject, the undersigned is directed to state that going through the draft tender papers of operating E-battery vehicles inside the Acharya Jagadish Chandra Bose Indian Botanic Garden, BSI, Howrah following points may be incorporate in the documents as mentioned below:

1. The riding charges for foreign visitors can be reduced to ₹ 100/- (Rupees one hundred) only per person instead of proposed amount of ₹ 200/- (Rupees two hundred) only.
2. The guide charges should be increase to ₹ 200/- (Rupees two hundred) only instead of proposed amount of ₹ 100/- (Rupees one hundred) only for per trip.
3. The Drivers of the vehicles should adhere the traffic rules when performing their duty inside the Garden as per rule laid down by the Govt. of West Bengal.
4. Instructions for filling the tender paper vide page No. 9 in column No. 3 wherein it has mentioned "TENDER PAPERS FORON CONTRACT BASIS" should be change which is a typographic mistake.

This issues with the approval of the Director, Botanical Survey of India.

सधन्यवाद/Thanking you,

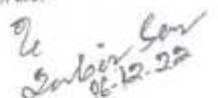
भवदीय/Yours faithfully,



(सी मुरुगान)/(C. Murugan)

शैक्षणिक-ई व कार्यालयाध्यक्ष, मुख्यालय
Scientist-E & Head of Office, Hqrs.

1989
प्रेषित / DISPATCHED
16-12-22


06-12-22



भारत सरकार
पर्यावरण, वन एवं जलवायु परिचालन मंत्रालय
वैज्ञानिक 'ई' का कार्यालय
आचार्य जगदीश चंद्र बोस भारतीय वनस्पति उद्यान
भारतीय वनस्पति सर्वेक्षण
बी. गार्डन, हावड़ा



Government of India
Ministry of Environment, Forests & Climate Change
Office of the Scientist-'E'
Acharya Jagadish Chandra Bose Indian Botanic Garden
Botanical Survey of India
B. Garden, Howrah - 711 103

आ. उ. व. भा. बी. च. ज. / File No.: AJCBIBG/9/1/2022/CS(B)/Admn./4126

दिनांक / Date: 15/04/2024

To
The Director
Botanical Survey of India
CGO, Complex, Salt Lake, Kolkata-64

Sub: Request for reducing the tender value of operating E-Battery vehicles inside the Acharya Jagadish Chandra Bose Indian Botanic Garden, BSI, Howrah-reg.

Sir,

With reference to the letter no BSI-36/1/2022-Admn/1989 dated 16th December, 2022 it is to inform you as per approval of Director, BSI tender has been floated in GeM for operating E-Battery vehicles inside the Acharya Jagadish Chandra Bose Indian Botanic Garden, BSI, Howrah. But none of the agencies have participated in the tender. So, it is requested to reduce the tender value i.e., Rs. 4,00,000/- so that new tender can be floated on GeM for auctioning the operating of E- Battery vehicles considering the same terms and conditions submitted to your good office.

This is for your kind information and necessary action.

Thanking you,

Yours sincerely,

(Devendra Singh)

Scientist 'E' & H.o.O



भारत सरकार
पर्यावरण एवं वन मंत्रालय
वैज्ञानिकईकाकार्यालय
आचार्य जगदीश चंद्र बोस भारतीय वनस्पतिविद्यालय
भारतीय वनस्पति सर्वेक्षण
बी.गार्डन, हावड़ा

Government of India
Ministry of Environment, Forests & Climate Change
Office of the Scientist-'E'
Acharya Jagadish Chandra Bose Indian Botanic Garden
Botanical Survey of India
B.Garden, Howrah - 711 103

दूरभाष/Tel.: 033-2668 1466/0554/9970; फ़ैक्स/Fax: 033-2668 5096; ईमेल- / Email: ibg_bsi@rediffmail.com
BSI/AJCBIBG/1/1/2020/CCU/Adm/3762 Date: 05.03.2024

To
The Chief Engineer, CCU,
MoEF&CC 7th Floor,
Pt. Deen Dayal Antyodaya Bhawan, CGO Complex,
Lodhi Road New Delhi-110003.

Sub: Work to be undertaken during the financial year 2024-25 at AJCBIBG, BSI, Howrah..reg

Sir,

This is to inform you that under mentioned civil works are scheduled to be undertaken at AJCBIBG, BSI, Howrah during the year 2024-25. So, it is requested to kindly send your engineers to inspect the site and have a meeting with us to short out the way for framing-up of relevant site plans and preliminary estimates at the earliest for obtaining A/A & E/S from the competent authority. This may kindly be treated on priority basis to ensure that the relevant PEs with site plans are submitted to this office on or before 15.04.2024 positively.

1. Restoration cum renovation of Dispensary Building for official use along with all furniture and necessary items and electric supply with its original structures and design.
2. Restoration cum renovation of abundant building of Assistant Curator House for official use along with all furniture and necessary items and electric supply with its original structures and design.
3. Restoration cum renovation of PRO house with its original structures.
4. Erection of height of 4 glass house in nursery No.1.
5. Repairing of Bombay line (Roystonia Avenue) in aesthetic view and stone pebbles.
6. Repairing of roads AMBERSTIA Avenue, SARACA Avenue, Red Sanders Avenue, Road from Guest House to BADAM CHAITAL, CNH to ROUXBURGH House, Large Palm House to SARACA Avenue.
7. Repairing of Sluice gate near BB collage gate including the mean holes and its connection with river hooghly.

8. Construction of new road from JODAPIPE to ROUXBURGH House via Sluice Gate and New Pump House.
9. Repairing, renovation, modification and expansion of nine toilets of AJCBIBG.
10. RCC Boundary from Howrah Main Gate to Parking Gate.
11. Construction of two rooms with RCC roofs and old one also have to be renovated at Howrah Main Gate and main gate of garden along with new design and modern view.

Thanking you,

Yours sincerely,

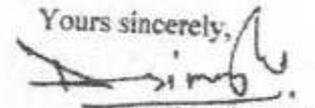
(Devendra Singh)

Scientist 'E' & H.O.O

Copy to:

1. Director, Botanical Survey of India, CGO Complex, Salt lake, City, Sector-I, Kolkata-64 for information.
2. The Executive Engineer, CED-IV, CCU, MoEF & CC, Central National Herbarium, Howrah-711103 for needful action.

Yours sincerely,


05/03/24

(Devendra Singh)

Scientist 'E' & H.O.O