

BEFORE THE NATIONAL GREEN TRIBUNAL
EASTERN ZONE BENCH, KOLKATA

ORIGINAL APPLICATION NO. 65/2024/EZ

SUBHAS DATTA

.....APPLICANT(S)

VERSUS

MINISTRY OF ENVIRONMENT, FORESTS &
CLIMATE CHANGE & ORS.

.....RESPONDENT(S)

AFFIDAVIT FILED BY THE WEST BENGAL
POLLUTION CONTROL BOARD.

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Filed by

Siboyoti Chakraborty

SIBOYOTI CHAKRABORTY
ADVOCATE

HIGH COURT AT CALCUTTA

SL NO. 34. of 28 JUN 2024

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EASTERN ZONE BENCH, KOLKATA

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AFFIDAVIT FILED BY THE WEST BENGAL
POLLUTION CONTROL BOARD.

Most Respectfully Sheweth

I, Sri Subrata Ghosh, son of Shri Biswanath Ghosh, aged
about 60 years, by faith-Hindu, Occupation- Service,
residing at Narkelbagan, Gorosthan, Chinsurah, District -
Hooghly, do hereby solemnly declare and say as follows:-

28 JUN 2024



01. That, I am the Officer on Special Duty (OSD), West Bengal Pollution Control Board (hereinafter will be referred to as the 'State Board') and I am well acquainted with the facts and circumstances of the case. I have been duly authorized by the Respondent No. 06, to affirm this Affidavit on its behalf and as such, I am competent to do so.



02. That, this affidavit is being affirmed in pursuant to the order passed by this Hon'ble Tribunal dated 20.03.2024.

03. That, the Hon'ble National Green Tribunal vide order dated 20.03.2024, constituted a committee comprising of the following members: -

- (i) Senior Scientist, West Bengal Pollution Control Board,
- (ii) Senior Scientist/Officer, Botanical Survey of India, and

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(iii) Senior Officer, Department of Environment,
Government of West Bengal.



04. That, a field visit was conducted by the committee on 16.04.2024 to assess the ground reality. Dr. Devendra Singh, Scientist 'E' & Head of the Office AJC Bose Indian Botanic Garden (AJCBIBG), Botanical Survey of India (BSI) accompanied the committee and appraised on the relevant issues.

05. That, from the said inspection, the following observations/ findings were made by the Committee members:

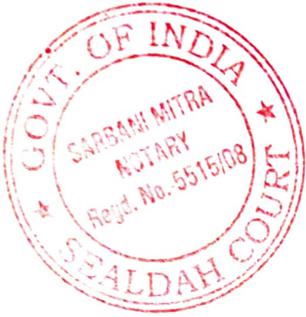
- (a) During visit it was observed that many endemic and threatened species have been planted such as Red Sanders (*Pterocarpus santalinus* L.f.), White Sanders (*Santalum album* L.), Asoca (*Saraca asoca*

28 JUN 2024

(Roxb.) W.J.de Wilde), Mahogany (*Swietenia macrophylla* King), *Magnolia grandiflora* L. as avenue plantation in Division no. 2, 11, 16, 17, 19, 20 etc.

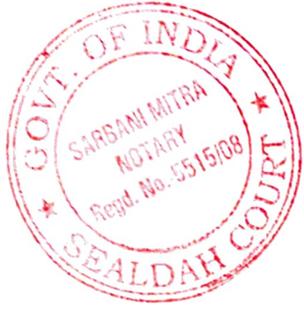
- (b) Apart from these avenue plantation, indigenous species from different phytogeographic regions such as, Western Ghats (Division no. 19, 20), Eastern Ghats (Division 17), Central India (Division no. 17), Northeast India (Division no. 11) were also observed.

- (c) As reported by Garden Authority, because of devastating impact of Amphan (2020), a lot of trees were uprooted from existing avenue plantations of *Brownea*, *Polyalthia*, *Amherstia*, *Palmyra*, *Swietenia* etc. which are now being filled with the saplings of the same species.



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(d) On query about allegation that Garden is being converted to a park, Garden Authority informed that above mentioned work is part of introduction and *ex-situ* conservation of endemic, threatened as well as economically important, medicinal and wild edible plants which is regular mandate of AJC Bose Indian Botanic Garden, Botanical Survey of India to preserve and showcase the biodiversity.



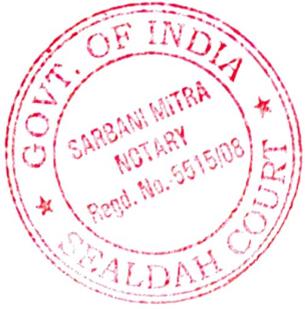
(e) The committee visited the Garden areas near the circular canal, the lakes and sluice gates and found that - a) the sluice gates between the river Hooghly and circular canal is in working condition. b) no solid waste dumping was observed on the banks of the canal which could be accessed by the committee or any other area of the Garden visited by the committee and c) sufficient water was observed in the lakes which substantiate the fact that the lakes remain

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interconnected for smooth flow of water. On query, Garden Authority informed that regular cleaning of the canal is being carried out by them.

(f) A parking area for about 50 numbers of vehicles is being developed near the Leram Lake. A lock gate exists within the parking area. As reported, in distant past, the said lock gate was used for interconnection between Leram lake (inside the garden) with the lakes of Indian Institute of Engineering Science and Technology Campus.

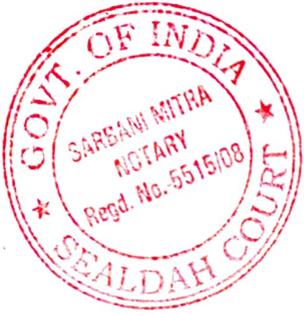
(g) During visit, the interconnection canal outside the Garden boundary was found blocked with garbage and sewage. The said lock gate or interconnection gate near newly developed car parking area is not in use as reported. Water from river Hooghly enters directly into Leram lake from the sluice gate no. 1.



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(h) No hotmix plant was observed inside the Garden premises during the field visit. The paved area of the Garden is very small compared to the total open area (including lakes and green areas). On query about use of hot mix plant/ metallic road cover, the Garden Authority reported that they have written to the Civil Construction Unit, Ministry of Environment, Forest and Climate Change (MoEF&CC), New Delhi and Central Public Works Department (CPWD), Kolkata to undertake repairing works of road with eco-friendly materials.

(i) During visit no green battery/electric operated vehicles for general public were found plying inside the Garden. As reported, use of petrol/diesel vehicles by visitors is not permitted within the Garden. At present, the Garden Authority is allowing only private battery/electric operated



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vehicles for the senior citizens, physically disabled and women on request (as and when required).

The tendering process for battery/electric operated vehicles has been initiated by the Garden Authority as reported.



- (j) During visit, a few large trees were found uprooted and fallen logs (bearing lot numbers) were found stored in multiple locations. As reported to the committee by the Garden Authority during the visit, huge numbers of plants were uprooted during Amphan.

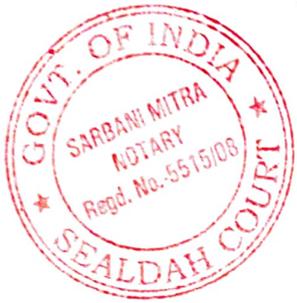
On query, the Garden Authority informed that that they had approached West Bengal Forest Development Corporation Ltd. *vide* Letter no. AJCBIBG-232/8/2014-Tech. (Misc./others), dated 25.09.2020 and AJCBIBG-2022(Admn.)/1063, dated 24.08.2023 for disposal of fallen logs due to Amphan. The West Bengal Forest Development

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Corporation Ltd. has made 56 lots in Phase-I (which are yet to be completely disposed). Phase-II of lot preparation by West Bengal Forest Development Corporation Ltd. is under process.

(k) During the field visit, three numbers of kiosks made out of waste logs having tables and stools made out of fallen dead logs were observed near the cafeteria. On query, Garden Authority said that necessary approval from competent authority has been obtained for such construction purpose.

(l) No use of JCB and chain saw was observed during visit. On query about use of JCB, Brush cutter, Chain Saw etc. Garden Authority reported that JCB is used occasionally for reestablishment of uprooted trees, translocation of full-grown trees; brush cutter is used for regular cleaning of invasive weeds and de-weeding and chainsaw is used for pruning of large branches/twigs.



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Copy of the inspection report of the Committee is annexed herewith and marked with letter "R".



06. It is therefore respectfully prayed that Hon'ble Tribunal may pass such order/orders as it deems fit and proper in the interest of justice.

Identified by me
Sibajyoti Chakrabarti
Advocate

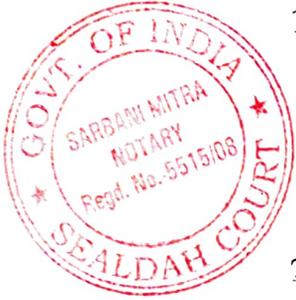
Sarabjit Ghosh
DEPONENT

28 JUN 2024

VERIFICATION

I, Sri Subrata Ghosh, son of Shri Biswanath Ghosh, aged about 60 years, by Religion - Hindu, by Occupation- Service, residing at Narkelbagan, Gorosthan, Chinsurah, District-Hooghly, do hereby solemnly declare and say as follows:-

1. That, I am the Officer on Special Duty (OSD), West Bengal Pollution Control Board and I am well acquainted with the facts and circumstances of the instant Original Application.
2. That, the statements made in paragraph 1 of this affidavit is true to my knowledge and belief.
3. That, the statements made in paragraphs 2 to 5 of this affidavit are my information derived from the records available in the office of the State Board which I verily believe to be true and the rest are my respectful submission before this Hon'ble Tribunal.



Sibojyoti Chakrabarti

Identified and corrected by me
Advocate
WBPCB

Sri Subrata Ghosh
DEPONENT

Solemnly Affirmed &
Declared Before me
on Identification by.....

hm
SARBANI MITRA
NOTARY
Regd. No.-5515/08

28 JUN 2024

**Inspection Report of the Committee constituted by Hon'ble National Green Tribunal
Eastern Zone Bench, Kolkata vide Order dated 20.03.2024 in the matter of**

OA NO. 65/2024/EZ

The Hon'ble National Green Tribunal (NGT) through its order dated 20.03.2024 in OA no. 65/2024/EZ constituted a committee comprising of

1. Senior Scientist/Officer, Botanical Survey of India
2. Senior Scientist, West Bengal Pollution Control Board
3. Senior Officer, Department of Environment, Government of West Bengal

Accordingly, the committee was formed after nominations were made by respective departments/agencies copy of which are attached as **Annexure 1, 2 and 3**.

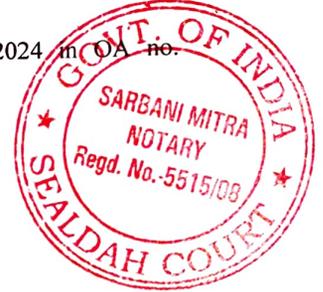
A field visit was conducted by the committee on 16.04.2024 to assess the ground reality. Dr. Devendra Singh, Scientist 'E' & Head of the Office (H.o.O.), AJC Bose Indian Botanic Garden (AJCBIBG), Botanical Survey of India (BSI) accompanied the committee and appraised on the relevant issues. The committee also perused all documents provided by the H.o.O, AJCBIBG, BSI.

Findings:

During visit it was observed that many endemic and threatened species have been planted such as Red Sanders (*Pterocarpus santalinus* L.f.), White Sanders (*Santalum album* L.), Asoca (*Saraca asoca* (Roxb.) W.J.de Wilde), Mahogany (*Swietenia macrophylla* King), *Magnolia grandiflora* L. as avenue plantation in Division no. 2, 11, 16, 17, 19, 20 etc. Apart from these avenue plantation, indigenous species from different phytogeographic regions such as, Western Ghats (Division no. 19, 20), Eastern Ghats (Division 17), Central India (Division no. 17), Northeast India (Division no. 11) were also observed. The field photographs are attached as **figure 1, 2**. As reported by Garden Authority, because of devastating impact of Amphan (2020), a lot of trees were uprooted from existing avenue plantations of *Brownea*, *Polyalthia*, *Amherstia*, *Palmyra*, *Swietenia* etc. which are now being filled with the saplings of the same species. The list of plants introduced since June, 2021 as provided by H.o.O, AJCBIBG, is attached as **Annexure 4**.

On query about allegation that Garden is being converted to a park, Garden Authority informed that above mentioned work is part of introduction and *ex-situ* conservation of endemic, threatened as well as economically important, medicinal and wild edible plants which is regular mandate of AJC Bose Indian Botanic Garden, Botanical Survey of India to preserve and showcase the biodiversity.

The committee visited the Garden areas near the circular canal, the lakes and sluice gates and found that – a) the sluice gates between the river Hooghly and circular canal is in working



condition (figure 3a, 3b). b) no solid waste dumping was observed on the banks of the canal which could be accessed by the committee (figure 4, 5) or any other area of the Garden visited by the committee and c) sufficient water was observed in the lakes which substantiate the fact that the lakes remain interconnected for smooth flow of water (figure 6, 7). On query, Garden Authority informed that regular cleaning of the canal is being carried out by them.

A parking area for about 50 numbers of vehicles is being developed near the Leram Lake. A lock gate exists within the parking area (figure 8). As reported, in distant past, the said lock gate was used for interconnection between Leram lake (inside the garden) with the lakes of Indian Institute of Engineering Science and Technology Campus. During visit, the interconnection canal outside the Garden boundary was found blocked with garbage and sewage (figure 9). The said lock gate or interconnection gate near newly developed car parking area is not in use as reported. Water from river Hooghly enters directly into Leram lake from the sluice gate no. 1 (figure 10).

No hotmix plant was observed inside the Garden premises during the field visit. The paved area of the Garden is very small compared to the total open area (including lakes and green areas). On query about use of hot mix plant/ metallic road cover, the Garden Authority reported that they have written to the Civil Construction Unit, Ministry of Environment, Forest and Climate Change (MoEF&CC), New Delhi and Central Public Works Department (CPWD), Kolkata to undertake repairing works of road with eco-friendly materials. (copies of communication in this connection are attached as Annexure 5, 6).

During visit no green battery/electric operated vehicles for general public were found plying inside the Garden. As reported, use of petrol/ diesel vehicles by visitors is not permitted within the Garden. At present, the Garden Authority is allowing only private battery/electric operated vehicles for the senior citizens, physically disabled and women on request (as and when required). The tendering process for battery/electric operated vehicles has been initiated by the Garden Authority as reported. (Annexure 7, 8).

During visit a few large trees were found uprooted and fallen logs (bearing lot numbers) were found stored in multiple locations. As reported to the committee by the Garden Authority during the visit, huge numbers of plants were uprooted during Amphan. On query, the Garden Authority informed that they had approached West Bengal Forest Development Corporation Ltd. vide Letter no. AJCBIBG-232/8/2014-Tech. (Misc./others), dated 25.09.2020 (Annexure 9) and AJCBIBG-2022(Admn.)/1063, dated 24.08.2023 (Annexure 10) for disposal of fallen logs due to Amphan. The West Bengal Forest Development Corporation Ltd. has made 56 lots in Phase-I (which are yet to be completely disposed). Phase-II of lot preparation by West Bengal Forest Development Corporation Ltd. is under process. Copy of relevant communication with West Bengal Forest Development Corporation Ltd. is attached (Annexure 11, 12).

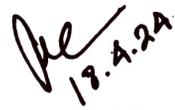
During the field visit, three numbers of kiosks made out of waste logs having tables and stools made out of fallen dead logs were observed near the cafeteria (**figure 11a, 11b**). On query, Garden Authority said that necessary approval from competent authority has been obtained for such construction purpose. Copy of approval obtained from competent authority is attached as **Annexure 13**.

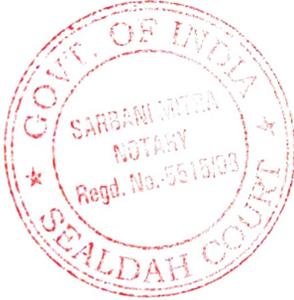
No use of JCB and chain saw was observed during visit. On query about use of JCB, Brush cutter, Chain Saw etc. Garden Authority reported that JCB is used occasionally for reestablishment of uprooted trees, translocation of full-grown trees; brush cutter is used for regular cleaning of invasive weeds and dweeding and chainsaw is used for pruning of large branches/twigs.


18/4/2024

(Dr. S.S. Dash)
Scientist 'F'
Botanical Survey of India


18/04/2024
(Dr. Nupur Sengupta)
Assistant Environmental
Engineer
West Bengal Pollution
Control Board


18.4.24
**(Dr. Rajarshi
Chakraborty)**
Environment Officer
Department of
Environment,
Government of West Bengal



Photographs taken during the field visit on 16.04.2024.



Figure 1: Plant introduction in White Sanders Avenue.



Figure 2: Plant introduction in Red Sanders Avenue.

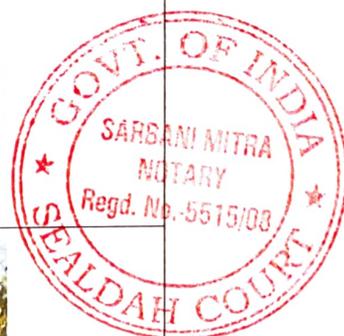




Figure 3a: Functional Sluice gate 2

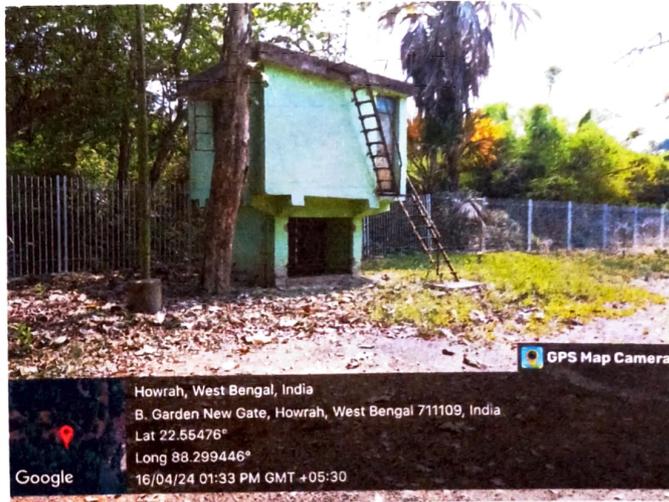
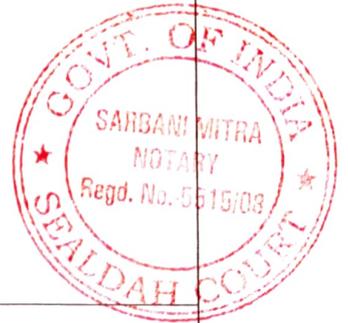


Figure 3b: Functional Sluice gate 1.

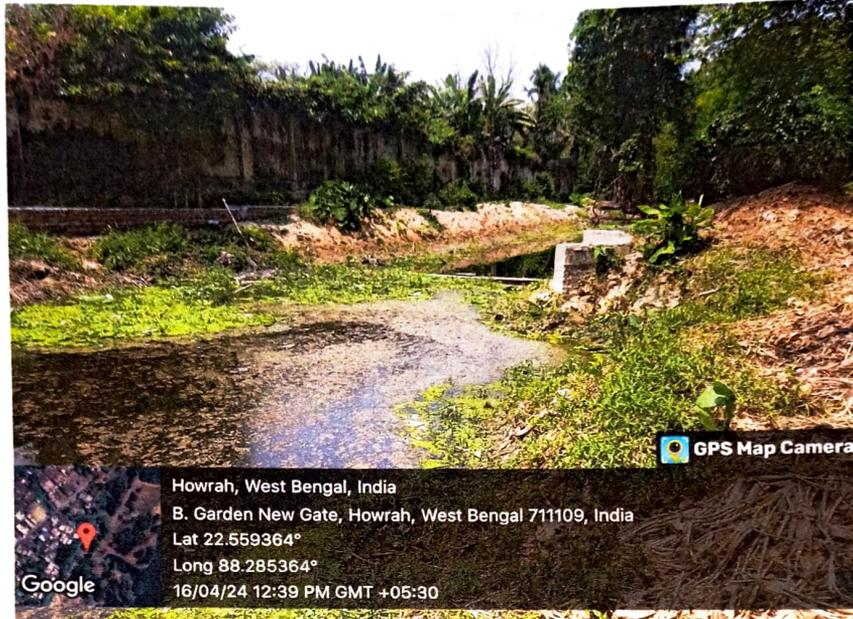


Figure 4: Portion of Circular Canal showing interconnection with the lakes.



Figure 5: Stretch of circular canal



Figure 6: Functional interconnection between the lakes

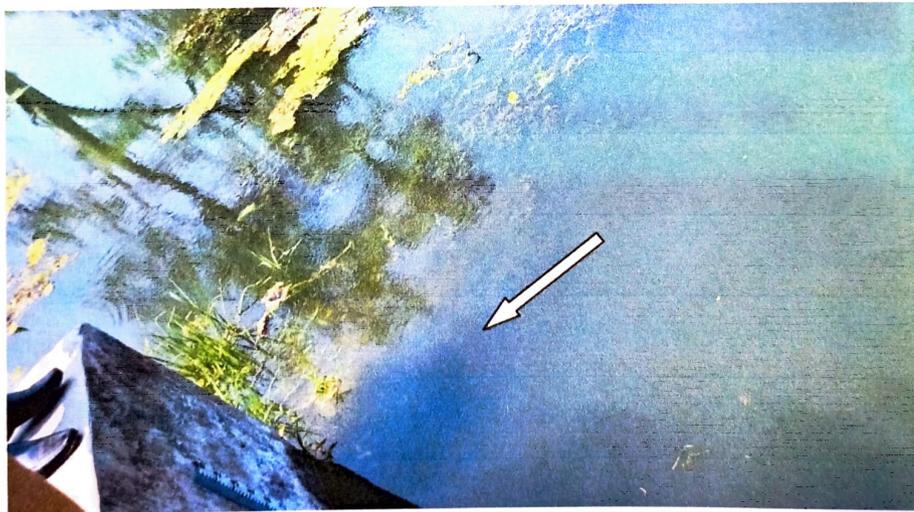


Figure 7: Functional interconnection between the lakes

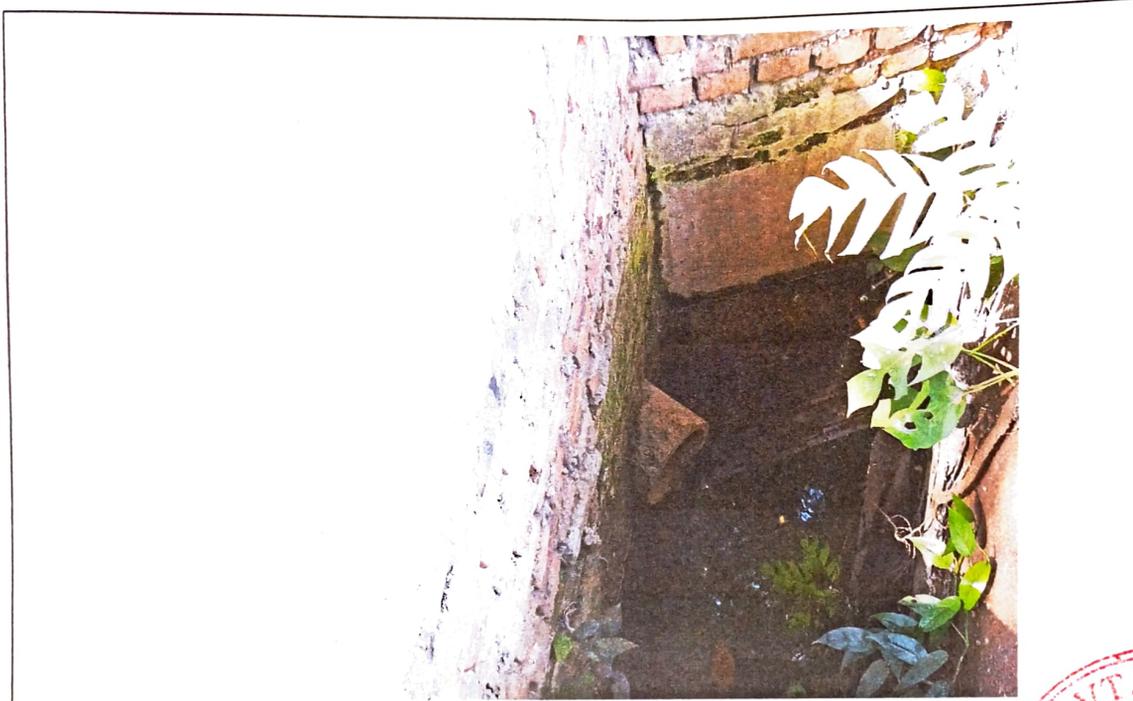


Figure 8: Lock gate near Leram Lake in parking area



Figure 9: Interconnection canal outside the garden filled with garbage and sewage

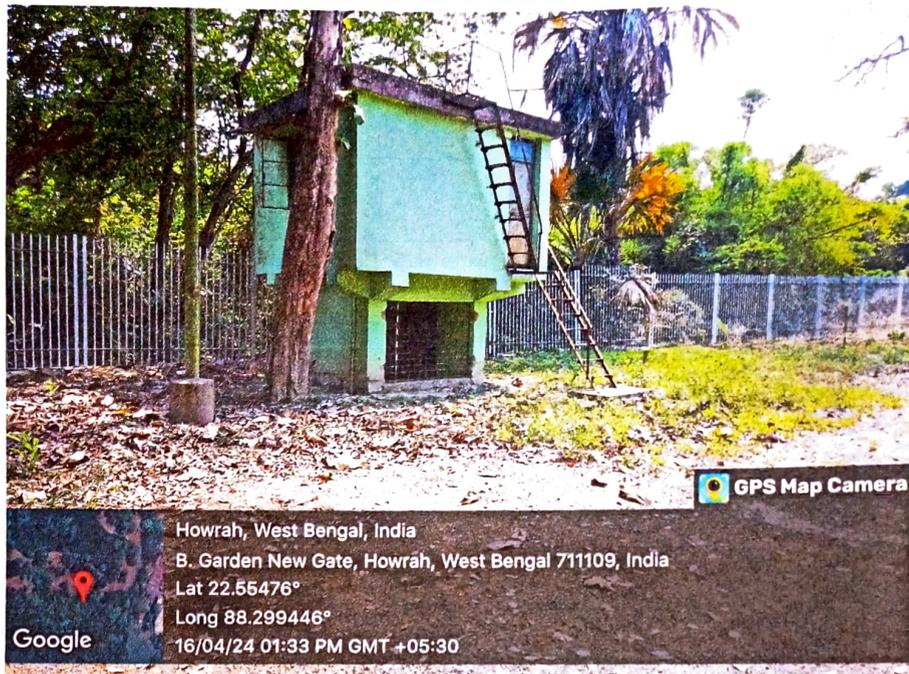


Figure 10: Sluice gate 1 near Leram Lake

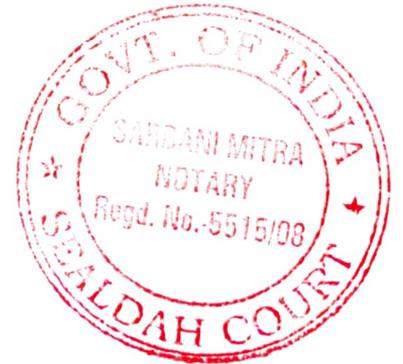


Figure 11a: Kiosk near cafeteria





Figure 11b: Table and stools near cafeteria made from dead log





GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS
BOTANICAL SURVEY OF INDIA
OFFICE OF THE DIRECTOR



Office No. BS/1/05/02/2024 -Adm/ROSC
Office of the Director, Botanical Survey of India, Block F, 5th Floor, Central Complex, Jodhpur Building,
Sector III, Bidhan Nagar, Kolkata - 700064
Dated: 1st April, 2024

To
The Member Secretary,
West Bengal Pollution Control Board,
Paribesh Bhavan, 10A, LA Block,
Sector-III, Bidhan Nagar, Kolkata - 700106.

SLO (out) 01/4/24
OSD (OPE)
O.S.D. (O & E)

Sir,

I am directed to inform that Dr. Sudhansu Sekhar Dash, Scientist-F, Headquarter, Botanical Survey of India, Kolkata, nominated as one of the 3 (three) man committee member to examine the conservation & safety of flora and fauna of Indian Botanical Garden, Howrah, as per direction given by the Hon'ble National Green Tribunal (EZ), Kolkata vide their order dated 20.03.2024 in OA No.65/2024/EZ: Subhas Datta Vs. UOI & Ors.

Dr. Dash along with other committee members shall visit the site of concerned part of AJCBIBG, if necessary and submit its report in affidavit form within four weeks with regard to the allegation made by applicant, Sri Subhas Dutta.

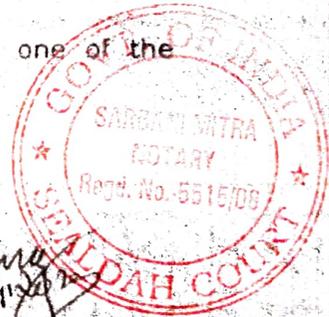
Therefore, you are requested to nominate Senior Scientist to act as one of the committee member with contact details to this office within 03.04.2024.

Thanking you,

Yours Sincerely

Diary No. 2381C
Date 21/4/24
Reference
Remarks

(C. Murugan)
Scientist-F & Head of Office



Copy to:

Member Secy

1. Dr. S. S. Dash, Scientist-F, BSI, Hqrs., Kolkata for information. - 8902496099
2. The Chief Secretary, Govt. of West Bengal, Nabanna (13th Floor) 325, Sarat Chatterjee Road, Shibpur, Howrah-711102.

Diary No. 1907 Date 03/4/24



Dr. Rajesh Kumar, IPS
Member Secretary



West Bengal Pollution
(Department of Environment,
Government of West Bengal)
Paribesh Bhawan, Bldg. 10A, Block LA
Sector III, Salt Lake, Kolkata 700 106

Tax: 2555 2813/6/30
Email: ms.wbpcb-wb@bangla.gov.in
Website: www.wbpcb.gov.in

Memo No.

File No.3L/WPB-C(VI)24

Dated: /04/2024

To

- (i) Senior Scientist/ Officer, Botanical Survey of India
- (ii) Senior Officer, Dept. of Environment, Govt. of West Bengal

Sub. Compliance of direction dated 20.03.2024 of Hon'ble NGT passed in connection with Original Application No.65/2024/EZ.

Enclosed please find the copy of the order of Hon'ble National Green Tribunal, Eastern Zone Bench dated 20.03.2024 passed in connection with Original Application No. 65/2024/EZ (Subhas Datta vs Ministry of Environment, Forests & Climate Change & Ors.), which speaks for itself.

The Hon'ble National Green Tribunal was pleased to constitute a Committee, comprising of the following Members: -

- (i) Senior Scientist, West Bengal Pollution Control Board;
- (ii) Senior Scientist/ Officer, Botanical Survey of India
- (iii) Senior Officer, Dept. of Environment, Govt. of West Bengal

The West Bengal Pollution Control Board, shall be the Nodal Office for all logistic purposes.

The Committee has been directed to visit the site and submit its report with regard to the allegations made in the Original Application.

Dr. Nupur Sengupta, Assistant Environmental Engineer, Howrah Regional Office of the West Bengal Pollution Control Board will represent the State Pollution Control Board, West Bengal in this matter.

Encl: As stated

Sd/-
Member Secretary
West Bengal Pollution Control Board

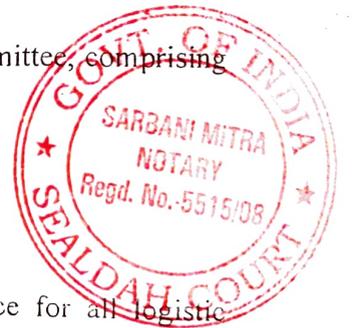
WBPCB

Howrah R. O.

Content Not Verified

Diary No. 445

Date 08/04/24



Memo No. 141/2/2(2) File No. 3L/WPB-C(VI)24
Copy forwarded to:

Dated: 05/04/2024

1. OSD (O&E), WBPCB.
- ✓ 2. Dr. Nupur Sengupta, Assistant Environmental Engineer, Howrah Regional Office
– For information and necessary action.

S. Jeyan
5/4/2024

Member Secretary
West Bengal Pollution Control Board





Government of West Bengal
Department of Environment
Prani Sampad Bhawan, 5th Floor, LB-2, Sect-III, Saltlake, Kolkata-106.

Date: 02/04/2024

To:
The Member Secretary
West Bengal Pollution Control Board

Sub: In the matter of O.A No. 65/ 2024/EZ Bench [Subhas Datta -Vs – MoEF&CC & Ors]



Sir

With reference to the subject matter, please find enclosed herewith the order passed by the Hon'ble Tribunal Eastern Zone Bench dated 20.03.2024. [Copy enclosed].

Vide order dated 20.03.2024, the Hon'ble Tribunal has constituted a committee comprising of the following members:-

- i. Senior Scientist, West Bengal Pollution Control Board
- ii. Senior Scientist/Officer, Botanical Survey of India, and
- iii. Senior Officer, Department of Environment, Government of West Bengal.

In this regard, it is to inform you that Sri. Rajarshi Chakraborty, Environment Officer has been nominated to represent the said Committee on behalf of Environment Department, Govt. of West Bengal.

This is for your information and necessary action.

Encl: As stated above

Yours faithfully


Chief Environment Officer to the
Govt. of West Bengal

Copy forwarded for information & necessary action to-

1. The P.S to the Additional Chief Secretary, Department of Environment, Govt. of West Bengal.
2. Sri. Rajarshi Chakraborty, Environment Officer, Department of Environment, Govt. of West Bengal.

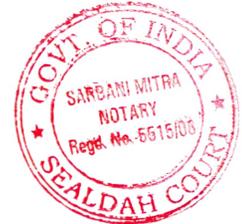

Chief Environment Officer to the
Govt. of West Bengal

27

of Plants planted at AJCBIBG on various occasions

Annexure 4

Month	Division/Road side/Section	Plant Name	Family	No. of Plants
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 fillifera</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>Dyopsis 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>Bentinckia nicobarica</i> (Kurz) Becc.	Arecaceae	12
September, 2021	Palmetum	<i>Adonia merrillii</i> (Becc.) Becc.	Arecaceae	5
September, 2021	Palmetum	<i>Pinanga manii</i> Becc.	Arecaceae	1
September, 2021	Palmetum	<i>Hypophorbe lageniculus</i> (L.H. Bailey) H.E. Moore	Arecaceae	1
September, 2021	Palmetum	<i>Phoenix roebeleni</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>Adonia merrillii</i> (Becc.) Becc.	Arecaceae	2
October, 2021	Curator's Lawn	<i>Bentinckia nicobarica</i> (Kurz) Becc.	Arecaceae	2
October, 2021	Curator's Lawn	<i>Pinanga manii</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.) Corrêa	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 camito</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>Mimosa 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



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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>Freycinetia</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>Adonidia 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 guianensis</i> Aubi.	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 altilis</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 camito</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 asoca</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
20 th June, 2022	Palmetum	<i>Areca triandra</i> Roxb. ex Buch.-Ham.	Arecaceae	9
June 21 st	Banyan mound	<i>Ficus hirsuta</i> Schott	Moraceae	10
21 st June, 2022	Banyan mound	<i>Ficus microcarpa</i> var. <i>microcarpa</i>	Moraceae	3
24 th June, 2022	Front of shiv mandir	<i>Tabebuia rosea</i> (Bertol.) Bertero ex A.DC.	Bignoniaceae	3
25 th June, 2022	Jasminum section	<i>Chrysojasminum parkeri</i> (Dunn) Banfi	Oleaceae	2
28 th June, 2022	Jasminum section	<i>Jasminum sambac</i> (L.) Aiton	Oleaceae	4
29 th June, 2022	Front of CNH	<i>Millingtonia hortensis</i> L.f.	Bignoniaceae	9
1 st July, 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 bowdillonii</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 max-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 2	<i>Pterocarpus santalinus</i> L.f.	Fabaceae	1
8 th July, 2022	Back side janardan lake	<i>Pterospermum acerifolium</i> (L.) Willd.	Malvaceae	5
8 th July, 2022	Entrance of brownea avenue	<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
11 th July, 2022	Gate 2	<i>Butea monosperma</i> (Lam.) Kuntze	Fabaceae	2
1 st to 16 th July, 2022	Aam Bagan 19	<i>Mangifera indica</i> L.	Anacardiaceae	9
1 st to 16 th July, 2022	Aam Bagan 19	<i>Mangifera indica</i> L. (Alfanso 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>Monoon 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-smuthii</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 asoca</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>orientalis</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 darshii</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



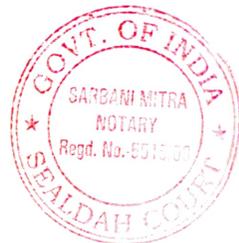
1 st to 16 th July, 2022	6,8	<i>Dipterocarpus bourdillonii</i> Brandis	Dipterocarpaceae	2
1 st to 16 th July, 2022	8	<i>Diospyros blancoi</i> A.DC.	Ebenaceae	10
1 st to 16 th July, 2022	8	<i>Diospyros malabarica</i> (Desr.) Kostel.	Ebenaceae	10
1 st to 16 th July, 2022	8	<i>Diospyros montana</i> Roxb.	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 thaipingensis</i> Prain	Fabaceae	1
1 st to 16 th July, 2022	1,2	<i>Peltophorum pterocarpum</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>Phlomis 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>Centolobium 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>Acadirachta 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.) Corrêa	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



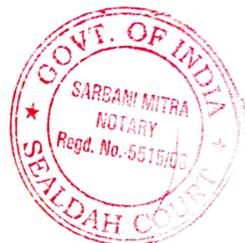
1 st to 16 th July, 2022	7	<i>Manilkara hexandra</i> (Roxb.) Dubard	Sapotaceae	1
1 st to 16 th July, 2022	7	<i>Manilkara zapota</i> (L.) P.Royen	Sapotaceae	8
1 st to 16 th July, 2022	1,7	<i>Mimusops elengi</i> L.	Sapotaceae	25
1 st to 16 th July, 2022	6	<i>Brucea mollis</i> Wall. ex Kurz	Simaroubaceae	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 nermis</i> Vovides	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	2
1 st to 16 th July, 2022	Zinger Section	<i>Alpinia zerumber</i> (Pers.) B.L.Burt & R.M.Sm.	Zingiberaceae	1
1 st to 16 th July, 2022	Zinger Section	<i>Amomum</i> sp.	Zingiberaceae	1
1 st to 16 th July, 2022	Zinger Section	<i>Poesenbergia 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>Larrianthus carevanus</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 nimosifolia</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>Dypsis 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>Hyophorbe 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.Rees & Vázq.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 manii</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 condapanna</i> Berry ex Roxb.	Arecaceae	7
Oct 16 th – Nov 16 th , 2022	2	<i>Adonia merrillii</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>Monoon longifolium</i> (Sonn.) B.Xue & 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 munroi</i> (Wight) Mast.	Elaeocarpaceae	1
Dec 16 th 2022 – Jan 16 th 2023	2	<i>Adonia merrillii</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 lunceolata</i> Warb.	Araucariaceae	2
19th April, 2023 – 17th May, 2023	Nature trail	<i>Thunbergia coccinea</i> Wall. ex D.Don	Acanthaceae	1
20th April, 2023 – 17th May, 2023	Nature trail	<i>Thunbergia grandiflora</i> Roxb.	Acanthaceae	1
21st April, 2023 – 17th May, 2023	Nature trail	<i>Crinum</i> sp.	Amaryllidaceae	50
22nd April, 2023 – 17th May, 2023	Nature trail	<i>Caladium bicolor</i> (Aiton) Vent.	Araceae	10
23rd April, 2023 – 17th May, 2023	Nature trail	<i>Dracunculus vulgaris</i> Schott	Araceae	10
24th April, 2023 – 17th May, 2023	Nature trail	<i>Epipremnum aureum</i> (Linden & André) G.S.Bunting	Araceae	20
25th April, 2023 – 17th May, 2023	Nature trail	<i>Asparagus racemosus</i> Willd.	Asparagaceae	1
26th April, 2023 – 17th May, 2023	Nature trail	<i>Mansoa alliacea</i> (Lam.) A.H.Gentry	Bignoniaceae	2
27th April, 2023 – 17th May, 2023	Nature trail	<i>Combretum indicum</i> (L.) DeFilipps	Combretaceae	4
28th April, 2023 – 17th May, 2023	Nature trail	<i>Combretum</i> sp.	Combretaceae	1
29th April, 2023 – 17th May, 2023	Nature trail	<i>Brachypterum scandens</i> (Roxb.) Wight & Arn. ex Miq.	Fabaceae	2
30th April, 2023 – 17th May, 2023	Nature trail	<i>Derris trifoliata</i> Lour.	Fabaceae	1
31st April, 2023 – 17th May, 2023	Nature trail	<i>Jasminum multiflorum</i> (Burm.f.) Andrews	Oleaceae	2



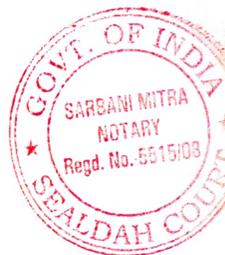
19th May, 2023 - 16th June, 2023	Nature trail	<i>Abroma augustum</i> (L.) L.f.	Malvaceae	4
19th May, 2023 - 16th June, 2023	Nature trail	<i>Acorus calamus</i>	Acoraceae	20
19th May, 2023 - 16th June, 2023	Nature trail	<i>Adina cordifolia</i> (Roxb.) Brandis	Rubiaceae	3
19th May, 2023 - 16th June, 2023	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. Burt & 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>Canarium 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	Nature trail	<i>Cassia fistula</i> L.	Fabaceae	150
19th May, 2023 - 16th June, 2023	Banyan Avenue	<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 malabatrum</i> (Burn. 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 capitulata</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>Draena</i> sp.	Asparagaceae	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Drypsis 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 boivini</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 amottiana</i> Hook f.	Anacardiaceae	2
19th May, 2023 - 16th June, 2023	Nature trail	<i>Hopea arviolifolia</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>Mimosa elengi</i> L.	Sapotaceae	70
19th May, 2023 - 16th June, 2023	Nature trail	<i>Moricon 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	5
19th May, 2023 - 16th June, 2023	Nature trail	<i>Musa paradisica</i> L.	Musaceae	15
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 amabilifolius</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 caryophyllum</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 Corréa	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	Combretum indicum (L.) DeFilippis	Combretaceae	5
17th June, 2023 - 18th July, 2023	17	Buchanania lanzan Spreng.	Anacardiaceae	5
17th June, 2023 - 18th July, 2023	9	Plumeria rubra L.	Apocynaceae	100
17th June, 2023 - 18th July, 2023	17	Dolichandrone falcata (Wall. ex DC.) Seem.	Bignoniaceae	5
17th June, 2023 - 18th July, 2023	17	Millingtonia hortensis L. f.	Bignoniaceae	5
17th June, 2023 - 18th July, 2023	17	Oroxylum indicum (L.) Kurz	Bignoniaceae	5
17th June, 2023 - 18th July, 2023	17	Spathodea campanulata P. Beauv.	Bignoniaceae	5
17th June, 2023 - 18th July, 2023	17	Tecomella undulata (Sm.) Seem.	Bignoniaceae	5
17th June, 2023 - 18th July, 2023	17	Commiphora caudata (Wight & Arn.) Engl.	Bursaceae	5
17th June, 2023 - 18th July, 2023	17	Commiphora wightii (Arn.) Bhandari	Bursaceae	5
17th June, 2023 - 18th July, 2023	17	Mesua ferrea L.	Calophyllaceae	5
17th June, 2023 - 18th July, 2023	17	Crateva adansonii DC.	Capparaceae	2
17th June, 2023 - 18th July, 2023	17	Elaeodendron glaucum (Rottb.) Pers.	Celastraceae	5
17th June, 2023 - 18th July, 2023	17	Salacia chinensis L.	Celastraceae	2
17th June, 2023 - 18th July, 2023	17	Garcinia indica (Thouars) Choisy	Clusiaceae	5
17th June, 2023 - 18th July, 2023	17	Combretum sp.	Combretaceae	5
17th June, 2023 - 18th July, 2023	17	Terminalia anogeissiana Gere & Boatwr.	Combretaceae	2
17th June, 2023 - 18th July, 2023	17	Terminalia arjuna (Roxb. ex DC.) Wight & Arn.	Combretaceae	5
17th June, 2023 - 18th July, 2023	17	Terminalia bellirica (Gaertn.) Roxb.	Combretaceae	5
17th June, 2023 - 18th July, 2023	17	Terminalia elliptica Willd.	Combretaceae	5
17th June, 2023 - 18th July, 2023	17	Diospyros malabarica (Desr.) Kostel.	Ebenaceae	10
17th June, 2023 - 18th July, 2023	17	Diospyros montana Roxb.	Ebenaceae	5
17th June, 2023 - 18th July, 2023	17	Elaeocarpus sp.	Elaeocarpaceae	5
17th June, 2023 - 18th July, 2023	17	Lasiococca comberi Haines	Euphorbiaceae	5
17th June, 2023 - 18th July, 2023	17	Macaranga peltata (Roxb.) Mull. Arg.	Euphorbiaceae	5
17th June, 2023 - 18th July, 2023	17	Manihot esculenta Crantz	Euphorbiaceae	5
17th June, 2023 - 18th July, 2023	17	Suregada multiflora (A. Juss.) Baill.	Euphorbiaceae	5
17th June, 2023 - 18th July, 2023	17	Adenanthera pavonina L.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	Albizia odoratissima (L. f.) Benth.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	Albizia procera (Roxb.) Benth.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	Brachypterum scandens (Roxb.) Wight & Arn. ex Miq.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	Dalbergia latifolia Roxb.	Fabaceae	15
17th June, 2023 - 18th July, 2023	17	Dalbergia sissoo Roxb. ex DC.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	Erythrina suberosa Roxb.	Fabaceae	1
17th June, 2023 - 18th July, 2023	17	Erythrina variegata L.	Fabaceae	1
17th June, 2023 - 18th July, 2023	17	Flemingia semialata Roxb. ex W. T. Aiton	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	Hardwickia binata Roxb.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	Piliostigma malabaricum (Roxb.) Benth.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	Pongamia pinnata (L.) Pierre	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	Pterocarpus marsupium Roxb.	Fabaceae	16
17th June, 2023 - 18th July, 2023	17 and 18	Pterocarpus santalinus L. f.	Fabaceae	75
17th June, 2023 - 18th July, 2023	17	Saraca asoca (Roxb.) W. J. de Wilde	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	Senegalia rugata (Lam.) Britton & Rose	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	Vachellia farnesiana (L.) Wight & Arn.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	Vachellia nilotica (L.) P. J. H. Hurter & Mabb.	Fabaceae	5
17th June, 2023 - 18th July, 2023	17	Gmelina arborea Roxb. ex Sm.	Lamiaceae	5
17th June, 2023 - 18th July, 2023	17	Premna barbata Wall. ex Schauer	Lamiaceae	5
17th June, 2023 - 18th July, 2023	17	Vitex negundo L.	Lamiaceae	2
17th June, 2023 - 18th July, 2023	17	Vitex trifolia L.	Lamiaceae	2
17th June, 2023 - 18th July, 2023	17	Cryptocarya amygdalina Nees	Lauraceae	2
17th June, 2023 - 18th July, 2023	17	Litsea glutinosa (Lour.) C. B. Rob.	Lauraceae	2
17th June, 2023 - 18th July, 2023	17	Strychnos potatorum L. f.	Loganiaceae	2
17th June, 2023 - 18th July, 2023	17	Lagerstroemia sp.	Lythraceae	5



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



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



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





भारत सरकार

पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय

वैज्ञानिकईकाकार्यालय

आचार्य जगदीश चंद्र बोस भारतीय वनस्पतिउद्यान

भारतीय वनस्पति सर्वेक्षण

बीगार्डेन .. हावड़ा

Gov
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; फेक्स/Fax: 033- 2668 5096; ईमेल.. / Email: ibg_bsi@rediffmail.com

BSI/AJCBIBG/1/1/2020/CCU/Adm./3 846(A)

Date: 18.03.2024



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

Subject: 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 at AJCBIBG, BSI, Howrah-3 during the year 2024-25 - reg.

Ref.: BSI/AJCBIBG/1/1/2020/CCU/Adm./3762

Sir,

With reference to the above subject, I would like to inform you that this office has requested to submit the PEs for the repairing of Roads viz (i) AMBERSTIA Avenue, (ii) SARACA Avenue, (iii) Red Sanders Avenue, (iv) Road from Guest House to BADAM CHAITAL, (v) CNH to ROUXBURGH House, (vi) Large Palm House to SARACA Avenue during the year 2024-25.

Therefore, I it is request to you to kindly undertake the repairing of roads as the above mentioned eco-friendly materials preferably paver block.

Your cooperation in this regard will be highly appreciated.

Thanking you,

Yours sincerely,

(Devendra Singh)
Scientist 'E' & HoO

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.

Executive Engineer,
CED-IV, CCU, MoEF & CC,
Kolkata

for, Sarbani Mitra
22/03/24

Yours sincerely,

(Devendra Singh)
Scientist 'E' & HoO





भारत सरकार
पर्यावरण एवं वन मंत्रालय
वैज्ञानिक-ई का कार्यालय
आचार्य जगदीश चन्द्र बोस भारतीय वनस्पतिविज्ञान
भारतीय वनस्पति संवेक्षण
वीणा रोड, हावड़ा



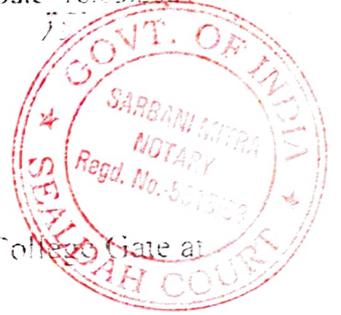
Government of India
Ministry of Environment & Forests
Office of the Scientist-'E'
Acharya Jagadish Chandra Bose Indian Botanic Garden
Botanical Survey of India
B. Garden, Howrah - 711 103

दूरभाष / Tel: 033-2668 1466, 0554 79970; फेक्स / Fax: 033-2668 5096. ईमेल / E-mail: ibg_bsi@rediffmail.com

अ.ज.अच.बो.भा.व. BSI AJCBIBG 11/2020. Civil (CPWD) Adm. / 3845

दिनांक / Date: 16.03.2024

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.



भारतीय वनस्पति सर्वेक्षण
BOTANICAL SURVEY OF INDIA

भारत सरकार/ GOVERNMENT OF INDIA.

पर्यावरण वन एवम् 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.ओ. भवन/CGO COMPLEX, 3RD MSO BUILDING

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

डी एफ ब्लॉक, सेक्टर १, साल्ट लेक 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

बैज्ञानिक-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)

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

1989
प्रेषित/DESPATCHED
16-12-22

2
C. Murugan
16-12-22



भारत सरकार
पर्यावरण, वन एवं जलवायु परिवर्तन 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.बो.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,

(Signature)
15/04/24
(Devendra Singh)
Scientist 'E' & H.o.O

भारत सरकार
 पर्यावरण, वन एवं जलवायु परिवर्तन विभाग
 वैज्ञानिक ई कार्यालय
 आचार्य जगदीश चंद्र बोस भारतीय वनस्पति बगीचा
 भारतीय वनस्पति सर्वेक्षण
 बी. गार्डन, होवरा

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

पत्र संख्या: ए.जी.सी.बी.जी.एस.डी. 559/17-59/2020-21

दिनांक: 18.08.2021

ईमेल: / Email: kanaddasbsi@gmail.com

आ.जी.सी.बी.जी.एस.डी./AJCBIBG-232/8/2014-Tech. (Garden Maintenance)

दिनांक /Date: 18.08.2021

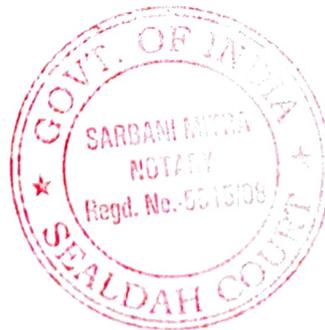
The Divisional Manager
 Kolkata Forest Corporation Division,
 West Bengal Forest Development Corporation Ltd.
 Sector-III, Salt Lake City, Kolkata - 700 106

Subject: Formation of timber lot of cyclone damaged uprooted trees for disposal within the campus of Botanic Garden - reg.

With reference to the letter No. 559/17-59/AJCBIBG/2020-21 dated 10.12.2020 and 768/17-59/AJCBG/2021-22 dated 02.08.2021, this is to request you to take necessary initiative to arrange the fallen trees into depot lot for further disposal through e-auction. It is further clarified that any expenses in this regard may be settled from the auctioned amount and the rest may be deposited to PAO (BSI/ZSI) through government challan.

Dr. S.P. Panda, Scientist 'C' (Mob. No. 8902042591) will coordinate with your team as Nodal Officer in identification and listing of the lot as per the protorma provided by them.

Thanking you,



Yours faithfully,

Kanad Das
 18/8/2021

कनाद दास/Kanad Das

वैज्ञानिक ई एवं कार्यालयाध्यक्ष/
 Scientist 'E' & Head of Office



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 5056; ईमेल./ Email: ibg_bsi@rediffmail.com

आ.ज.च.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

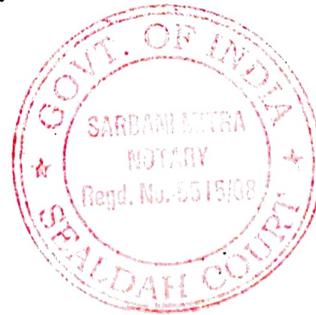
Sub: Formation of timber lot of Cyclone damaged uprooted trees for disposal and auction within the campus of AJC Bose Indian Botanic Garden (Phase-II)- reg.

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,

(Signature)

24/08/23
(Devendra Singh)

Scientist-E & H.o.O

Copy to:

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



H.C.O.P.
12/5/11/23.

49



Annexure - 11



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@wbfdc.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 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/-
Angshuman Mukherjee, WBFDC
Divisional Manager

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	13 Ps.	5.243 m3	
		1.60	2.60	0.676			
		2.80	1.60	0.448			
		1.90	2.30	0.628			
		2.00	1.60	0.320			
		2.50	1.40	0.306			
		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					

Sourav Dasgupta JRM
 Deputy Range Manager
 Attached Range
 Kolkata F.C. Division
 W.B. Forest Dept.

(Signature)
 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	0.156			
		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	0.069	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					

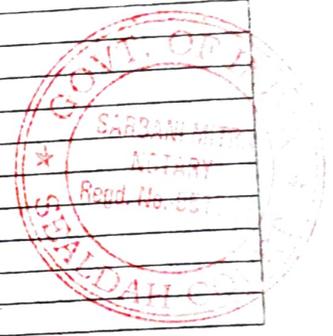


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Sankar Naskar D.M.
 Deputy Range Manager
 Attached Range
 Kolkata F.C. Division
 W.B. Forest Dept.

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			Hollow
		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	0.081			
		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	0.081			
		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	0.222			
		2.00	1.20	0.180			

Goutam Naskar DPM

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

(Handwritten signature)
R. N. ...
W.B. ...

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			
		1.00	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	2.10	2.80	1.029	06 Ps.	4.420 m3	
		2.10	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			

Soulam Naskar DRM

Deputy Range Manager
Attached Range
Kolkata F.C. Division

[Handwritten Signature]
Soulam Naskar
Deputy Range Manager
Attached Range
Kolkata F.C. Division

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
17/IGB/22-23	Mahogany	2.10	1.30	0.222	15 Ps.	2.306 m3	
		2.50	1.00	0.156			
		2.10	1.00	0.131			
		1.60	1.10	0.121			
		1.10	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 (M3)	Quantity	Total Volume	REMARKS
18/IGB/22-23	Sirls	2.00	1.80	0.405	08 Ps.	3.081 m3	
		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			

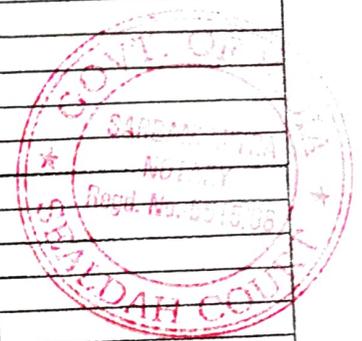
Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
19/IGB/22-23	Mahogany	2.00	2.70	0.911	14 Ps.	4.840 m3	
		2.20	2.50	0.859			
		2.00	2.20	0.605			
		2.20	2.00	0.550			
		2.00	1.70	0.361			
		1.70	1.40	0.208			
		1.90	1.10	0.144			
		1.00	1.10	0.076			
		2.40	1.60	0.384			
		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			

Sachin Waskar DRM

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

(Handwritten Signature)
WB. Forest Dev. Corp. Ltd.

Lot No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
20/IGB/22-23	Siris	2.60	2.10	0.717	16 Ps.	2.629 m3	
		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 (M3)	Quantity	Total Volume	REMARKS
21/IGB/22-23	Siris	2.00	3.80	1.805	08 Ps.	7.632 m3	
		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 (M3)	Quantity	Total Volume	REMARKS
22/IGB/22-23	Siris	3.20	3.60	2.592	06 Ps.	5.532 m3	
		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 Goskar DRM

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

(Handwritten Signature)
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
23/IGB/22-23	Misc. Timber	2.30	1.20	0.207	22 Ps.	2.987 m3	
		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 (M3)	Quantity	Total Volume	REMARKS
24/IGB/22-23	Mahogany	2.60	3.60	2.106	14 Ps.	7.436 m3	
		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 (M3)	Quantity	Total Volume	REMARKS
25/IGB/22-23	Mahogany	2.00	1.50	0.281	10 Ps.	1.817 m3	
		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					

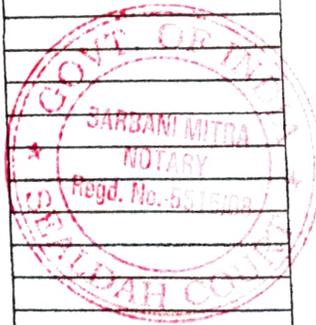
Sudhansu Dasgupta DRM

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
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					



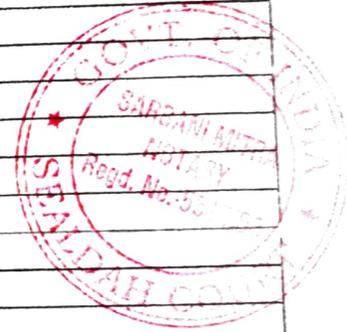
Gautam Naskar DRM
 Deputy Range Manager
 Attached Range
 Kolkata F.C. Division
 W.B. Forest Dev. Corp. Ltd.

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 V. B. ...

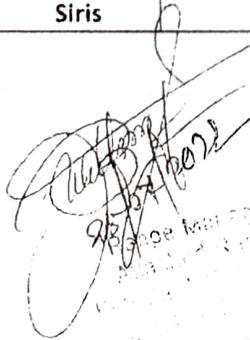
Lot Formation of Indian Botanical Garden 2022-2023

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


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

Goufarn Naskar DRM

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

Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS	
6/IBG/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
7/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	
38/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
39/IBG/22-23	Siris	1	1.60	72	3.042	4.711 m3	Rotten And Damage
		2	1.60	25	1.056		
		3	1.10	11	0.613		

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

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Handwritten signature: Soukam Nishkas BAM

Handwritten text: Deputy Range Manager

NO.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
1/IBG/22-23	Mahogany	2.40	0.90	0.122	11 Ps.	1.298 m3	
		2.40	0.90	0.122			
		2.40	0.90	0.122			
		2.40	0.90	0.122			
		2.40	0.90	0.122			
		2.10	0.90	0.106			
		2.10	0.90	0.106			
		2.10	0.90	0.106			
		2.10	0.90	0.106			
		2.10	0.90	0.106			
		2.10	1.10	0.159			

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

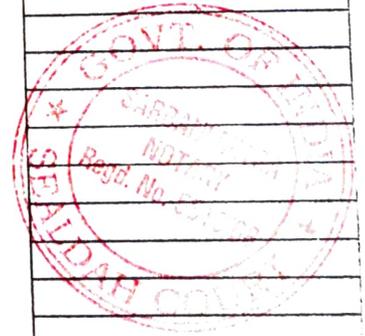
Lot No.	Species	Length (M)	Girth (M)	Quantity (Ps.)	Volume (M3)	Total Volume	REMARKS
3/IBG/22-23	EUC	0.90	0.60	8	0.162	1.0596	Timber may be upland regulate by
	Pituli	1.10	0.60	15	0.371		
		0.90	0.60	15	0.304		
		1.20	0.65	7	0.222		
						3.059 m3	
	Species	Length (M)	Breadth (M)	Height (M)	Volume (M3)		Firewood
	Pituli	2.50	1.00	0.80	2.000		

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 26.9.2022
 W.B. Forest Dev. Corp. Ltd.

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



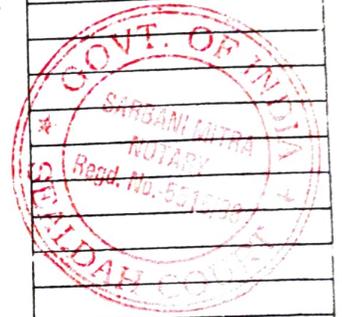
Sl. No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
		2.80	2.10	0.772			
		2.40	1.20	0.216			
		1.40	1.20	0.126			
		2.90	1.20	0.261			
		1.00	1.00	0.063			
		1.70	0.80	0.068			
		1.80	0.80	0.072			
		2.60	1.00	0.163			
		2.60	1.20	0.234			
		2.80	1.00	0.175			
		1.60	1.00	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			



[Handwritten Signature]
 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.

Sl. No.	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS
		1.80	1.00	0.113			
		1.30	1.10	0.098			
		1.50	1.30	0.158			
		1.30	1.30	0.137			
		1.60	1.30	0.169			
		1.50	1.20	0.135			
		1.20	1.10	0.091			
		1.30	0.80	0.052			
		0.90	0.90	0.046			
		1.10	1.20	0.099			
		1.40	0.80	0.056			
		1.10	1.00	0.069			
		1.20	0.90	0.061			
		1.30	0.70	0.040			
		1.50	0.70	0.046			
		1.10	0.70	0.034			
		0.90	1.00	0.056			
		0.80	0.80	0.032			
		1.00	0.80	0.040			
		0.80	0.90	0.041			
		0.80	1.00	0.050			
		1.30	0.90	0.066			
		1.20	1.00	0.075			
		1.80	1.00	0.113			
		1.00	0.80	0.040			
45/IBG/22-23	Mahogany				26 Ps.	1.955 m3	



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
		2.31	0.80	0.092			
		2.20	1.30	0.232			
		2.10	1.40	0.257			
		1.70	0.90	0.086			
		1.40	0.70	0.043			
		1.20	0.70	0.037			
		1.70	0.70	0.052			
		1.40	0.70	0.043			
		1.50	0.80	0.060			
		1.40	0.80	0.056			
		2.00	1.00	0.125			
		2.30	0.60	0.052			
		1.30	0.70	0.040			
		1.50	0.70	0.046			
		1.90	1.00	0.119			
47/IBG/22-23	Mahogany				15 Ps.	1.340 m3	

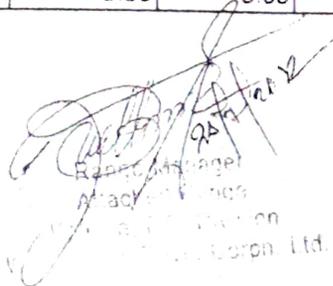
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 25/7/2022
 W.B. Forest Dev. Corp. Ltd.

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

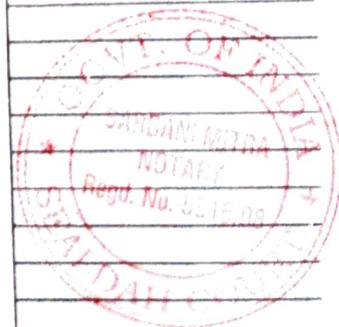
Lot No	Species	Length (M)	Girth (M)	Volume (M3)	Quantity	Total Volume	REMARKS	
48/IBG/22-23	Siris	1	2.30	2.20	0.696	17 Ps.	2.116 m3	
		2	1.00	1.40	0.123			
		3	2.10	1.00	0.131			
		4	2.10	1.20	0.189			
		5	1.50	1.10	0.113			
		6	1.50	0.70	0.046			
		7	1.70	0.70	0.052			
		8	1.00	0.80	0.040			
		9	1.00	0.80	0.040			
		10	2.20	0.60	0.050			
		11	1.60	0.80	0.064			
		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			
							Rotton	
							Rotton	
							Rotton	
							Rotton	
							Rotton	
							Rotton	

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	0.757			
		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			


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

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



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Annexure-12.

West Bengal Forest Development Cor.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@wbfdcl.com

CTN: U02005WB1974SGC029535,

GSTIN:19AAACW3562A9ZC



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

Date: 04.03.2024

To

Dr. Devendra Singh
Scientist - E & Head of Office
Botanical Survey of India
AIC 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 Wbfdcl with Assistant Divisional Manager and Range Manager concerned, 30 nos. lots has been prepared and put to e-auction with due approval from Wbfdcl 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 232 /17-59/AJCTBG/20-21

Date: 04.03.2024

Copy forwarded to:

1. The Managing Director, Wbfdcl
2. The General Manager, HQ, Wbfdcl
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



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



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Timber

SI 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

Av
Divisional Manager
District Office, Dibrugarh



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)/



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

दिनांक /Date: 29/01/2024

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,

(Signature)
29/01/24

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

Approved
(Signature)
29/01/2024
डिरेक्टर/Dirctor
भारत सरकार/Govt. of India
भारतीय वनस्पति सर्वेक्षण
BOTANICAL SURVEY OF INDIA
आचार्य जगदीश चंद्र बोस भारतीय वनस्पति उद्यान
CGO COMPLEX, SALT LAKE CITY
हावड़ा/Howrah-711103



BEFORE THE NATIONAL GREEN TRIBUNAL
EASTERN ZONE BENCH, KOLKATA

ORIGINAL APPLICATION NO. 65/2024/EZ

SUBHAS DATTA

.....APPLICANT(S)

VERSUS

MINISTRY OF ENVIRONMENT, FORESTS &
CLIMATE CHANGE & ORS.

.....RESPONDENT(S)

AFFIDAVIT FILED BY THE WEST BENGAL
POLLUTION CONTROL BOARD.

SIBOJYOTI CHAKRABORTY
ADVOCATE
HIGH COURT AT CALCUTTA