

भारत सरकार  
GOVERNMENT OF INDIA  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

भारतीय वनस्पति सर्वेक्षण / BOTANICAL SURVEY OF INDIA  
सी.जी.ओ. कॉम्प्लेक्स / CGO COMPLEX  
तृतीय एम. एस. ओ. भवन / 3<sup>RD</sup> MSO BUILDING  
पाँचवाँ और छठा तल / 5<sup>TH</sup> & 6<sup>TH</sup> FLOOR  
डी एफ ब्लॉक, सेक्टर 1 / DF BLOCK, SECTOR I  
साल्टलेक, कोलकाता-६४ / SALT LAKE, KOLKATA - 700064  
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फ़ाइल संख्या/File No.: BSI-295/1(Misc.)/2025-Tech. /1091

दिनांक/Date : 13<sup>th</sup> May, 2025

सेवार्थ / To

The Conservator of Forests & Director  
Alipore Zoological Garden  
Alipore, Kolkata 700027

विषय / Sub.: Report on Plants Identification in the campus of Alipore Zoological Garden, Kolkata - reg

संदर्भ/ Ref: Letter vide no. 90/ZGA/MIS/24-25 / dated Kolkata, the 15<sup>th</sup> January 2025

महोदय / Sir,

In reference to your letter vide no. 90/ZGA/MIS/24-25 / dated 15.01.2025 on the subject mentioned above, and the subsequent visit by the team from BSI to the Alipore Zoological Garden, Kolkata for the validation of identification of the tree species in the Alipore Zoological Garden campus, I am enclosing herewith a report on plants identified i for your kind perusal.

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

सधन्यवाद/ Thanking you,

भवदीय / Yours sincerely,

(एस. एस. दाश / S. S. Dash)

वैज्ञानिक एफ / Scientist 'F'

(प्रभारी, तकनीकी अनुभाग / In-charge, Tech. Section)

Enclosure: As above

A report on identification of plants of the Alipore Zoological Garden Campus, Kolkata

Botanical Survey of India, Headquarters, Kolkata-700064

As per the communication from the Zoological Garden Authority for validation of identification of the tree species in the Zoological Garden campus, a team consisting of the following members have identified the plants in the campus.

1. Dr. Gopal Krishna, Scientist-C, BSI-Headquarters, CGO Complex, Kolkata
2. Dr. Shyam Biswa, Botanical Assistant, BSI-Central National Herbarium, Howrah
3. Ms. Sinchita Biswas, Botanical Assistant, BSI-Headquarters, CGO Complex, Kolkata

**Details of visit:**

1. 26<sup>th</sup> February, 2025
2. 01<sup>st</sup> March, 2025
3. 21<sup>st</sup> March, 2025

**Details of the identified species:**

| Tag no. | Local name/s    | Botanical Name                                                  | Family          |
|---------|-----------------|-----------------------------------------------------------------|-----------------|
| 1       | Kadam           | <i>Neolamarckia cadamba</i> (Roxb.) Bosser                      | Rubiaceae       |
| 2       | Debdaru         | <i>Monoon longifolium</i> (Sonn.) B.Xue & R.M.K. Saunders       | Annonaceae      |
| 3       | Chinese Banyan  | <i>Ficus benjamina</i> L.                                       | Moraceae        |
| 4       | Fish T palm     | <i>Caryota urens</i> L.                                         | Arecaceae       |
| 5       | Bakul           | <i>Mimusops elengi</i> L.                                       | Sapotaceae      |
| 6       | Golden pothos   | <i>Epipremnum aureum</i> (Linden & André) G.S.Bunting           | Araceae         |
| 7       | Deufal/Baral    | <i>Artocarpus lacucha</i> Buch.-Ham.                            | Moraceae        |
| 9       | Jarul           | <i>Lagerstroemia speciosa</i> (L.) Martyn                       | Lythraceae      |
| 10      | Ashok           | <i>Saraca asoca</i> (Roxb.) W.J.de Wilde                        | Fabaceae        |
| 11      | Sonalu          | <i>Cassia fistula</i> L.                                        | Fabaceae        |
| 12      | Sal             | <i>Shorea robusta</i> C.F.Gaertn.                               | Diptrocarpaceae |
| 14      | Lambu           | <i>Khaya anthotheca</i> (Welw.) C.DC.                           | Meliaceae       |
| 15      | Kanak Champa    | <i>Pterospermum acerifolium</i> (L.) Willd.                     | Malvaceae       |
| 16      | sheora          | <i>Streblus asper</i> Lour.                                     | Moraceae        |
| 17      | Mahua           | <i>Madhuca longifolia</i> (L.) J.F.Macbr.                       | Sapotaceae      |
| 18      | Yellow tabebuia | <i>Tabebuia aurea</i> (Silva Manso) Benth. & Hook.f. ex S.Moore | Bignoniaceae    |
| 19      | Mehogani        | <i>Swietenia mahagoni</i> (L.) Jacq.                            | Meliaceae       |
| 20      | Bel             | <i>Aegle marmelos</i> (L.) Corrêa                               | Rutaceae        |

|     |                |                                                                                         |                |
|-----|----------------|-----------------------------------------------------------------------------------------|----------------|
| 74a |                | <i>Pterygota alata</i><br>var. <i>irregularis</i> (W.W.Sm.) Deb & S.K.Basu              |                |
| 76  | Bahera         | <i>Terminalia bellirica</i> (Gaertn.) Roxb.                                             |                |
| 77  | Tulip Mangrove | <i>Heritiera littoralis</i> Aiton                                                       | Sterculiaceae  |
| 78  | Bilimbi        | <i>Averrhoa bilimbi</i> L.                                                              |                |
| 79  | Simul          | <i>Bombax ceiba</i> L.                                                                  | Malvaceae      |
| 80  | Toon           | <i>Toona ciliata</i> M.Roem.                                                            | Meliaceae      |
| 81  | Arjun          | <i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn.                                    | Combretaceae   |
| 82  | Royal palm     | <i>Roystonea regia</i> (Kunth) O.F.Cook                                                 | Arecaceae      |
| 84  | Indian cherry  | <i>Cordia dichotoma</i> G.Forst.                                                        | Boraginaceae   |
| 85  | Brown cedar    | <i>Ehretia acuminata</i> R.Br.                                                          | Boraginaceae   |
| 87  | Pink cassia    | <i>Cassia javanica</i> subsp. <i>nodosa</i> (Buch.-Ham. ex Roxb.) K.Larsen & S.S.Larsen | Fabaceae       |
| 88  | Chakawa        | <i>Anogeissus acuminata</i> (Roxb. ex DC.) Wall. ex Guill. & Perr.                      | Combretaceae   |
| 89  | Rudrapalash    | <i>Spathodea campanulata</i> P.Beauv.                                                   | Bignoniaceae   |
| 92  | Neem           | <i>Azadirachta indica</i> A.Juss.                                                       | Meliaceae      |
| 95  | Radhachura     | <i>Peltophorum pterocarpum</i> (DC.) Backer ex K.Heyne                                  | Leguminosae    |
| 97  | Naglingam      | <i>Couropita guianensis</i> Aubl.                                                       | Lecythidaceae  |
| 98  | Amlaki         | <i>Phyllanthus emblica</i> L.                                                           | Phyllanthaceae |
| 100 | Krishna Bat    | <i>Ficus krishnae</i> C.DC.                                                             | Moraceae       |
| 102 | Sundari        | <i>Heritiera littoralis</i> Aiton                                                       | Sterculiaceae  |

### Template for label/s on trees/ shrubs:

The following pattern may be followed while labelling the plants so that it can be easily identified

Local/ Vernacular name:

Botanical Name:

Family:

Nativity:

Phenology: May to October

Uses:

*(Signature)*  
9/5/2023