



DO. No.: BSI – 8/1/PA/2019/1760

Date: 10.02.2026

Respected Sir,

In reply to OM no. 24011/08/2019–GC dated. 25.03.2019 regarding monthly DO letter from Secretary (MoEF&CC) to the Cabinet Secretary, I am furnishing herewith the following major achievements of Botanical Survey of India for the Month of January, 2026.

Department: Botanical Survey of India

Important policy decisions taken, Major achievements during the month:

Scientists of BSI described **six (6) taxa as New to Science** from India viz. *Heptapleurum anamudianum* (Araliaceae), *Reynoutria alokorang* (Polygonaceae), *Strobilanthes riteshii* (Acanthaceae), *Hemileccinum* (Boletaceae, Basidiomycota), *Arisaema siahaense* (Araceae) and *Hericium indicum* from India. Besides, Scientists of BSI reported **five (05) taxa as new additions** to the different states of India viz. *Eragrostis maderaspatana* (Poaceae) from Maharashtra, *Setaria viridis* (L.) P. Beauv. from Odisha, *Aerides odorata* Lour. (Orchidaceae) from Tamil Nadu, *Hypericum benghalense* S.N. Biswas (Hypericaceae) from Meghalaya and *Lindernia rotundifolia* (Linderniaceae) to the flora of Indian Himalaya. Besides, Scientists also rediscovered an orchid species namely *Chamaegastrodia vaginata* (Hook.f.) Seidenf. (Orchidaceae: Goodyerinae) after a gap of 174 years from its type locality.

Scientists of BSI conducted **9 field / local tours** and **3 herbarium consultation tours** and collected **762 field nos.** of specimens. BSI prepared metadata of **2276 herbarium specimens**. During this month, **11,08,671** visitors referred the official websites of BSI (**6,59,627** visitors referred official website, **2,99,212** visitors referred archives, and **1,49,832** visitors visited Indian Virtual Herbarium). Besides, **1073** students / visitors visited the gardens and herbaria of BSI, and generated the revenue of about Rs. **84,356** during this month.

Important events / programs organized / attended:

1. Dr. Kanad Das, Director, BSI and Dr. S. S. Dash, Scientist-F & Incharge, Tech. Sect. attended the 4th HPSC meeting of **NIRANTAR** on 12.01.2026 and 6th meeting of Administrative Committee of NIRANTAR on 29.01.2026 at New Delhi and presented the progress of the vertical 1: Ecosystem Survey and Analysis.
2. Dr. Kanad Das, Director, BSI and Shri S.K. Mahto, Asst. Director (Rajbhasha), BSI attended the annual review meeting of Rajbhasha on 20.01.2026 under the Chairmanship of the Hon'ble Minister, EF&CC, New Delhi, where the Hindi version of the book *Flora of India* was presented to all, and well appreciated by the members.
3. Botanical Survey of India and all its Regional Centres observed the 150th year of the national song *VandeMataram* by mass singing of vande mataram on 19.01.2026. and 77th **Republic Day** on 26th January, 2026.
4. BSI, Industrial Section of Indian Museum (ISIM), Kolkata, Central National Herbarium (CNH), Howrah and Central Botanical Laboratory (CBL) participated in the **4th Acharya Prafulla Chandra Roy Smarak Vigyan Mela O Pradarshani from 1–3 January, 2026** at the West Bengal University of Animal & Fishery Sciences (WBUAFS), Belgachia, Kolkata to showcase the achievements of BSI. BSI, ISIM, Kolkata also participated in the **8th Meghnad Saha Vigyan Mela** from 9th to 12th January, 2026 at Triangular Park, Kolkata to commemorate the 133rd birth anniversary of Prof. Meghnad Saha.
5. BSI, Kolkata in collaboration with the University of Kalyani hosted a two-day **International Conference on "Current Developments in Plant Science Research: Translating Research to Practice"** on 27–28 January 2026. Dr. Kanad Das, Director, BSI and Dr. S. S. Dash, Scientist-F & Incharge, Tech. Sect. graced the inaugural session of **Conference on 27 January 2026**.

During this month, **50 Research Publications** were published by BSI scientists in International and National journals of repute apart from participating in scientific lectures and publishing seminar abstracts and Book chapters (*Annexure 1*).

1. Important policy matter held up on account of prolonged inter-ministerial consultations: NIL
2. No. of cases of 'Sanction for prosecution' pending for more than 3 months: NIL
3. Particulars of cases in which there has been a departure from the Transaction of Business Rules or established policy of the government: NIL
4. Status of Rationalization of Autonomous Bodies:-NA-
5. Information on the specific steps taken for utilization of the space technology based tools and applications in governance and development: Inputs on Leveraging Space Technology & Application for Viksit Bharat 2047 were provided by BSI to the Ministry
6. Vacancy position of senior level appointments in the Ministry/ Department, including Autonomous Bodies/ PSUs: Communicated to the Ministry separately.
7. List of cases in which ACC directions have not been complied with: NIL

With regards,

Sincerely yours,

(Kanad Das) 10.02.2026
Director

To,

Shri.Ved Prakash Mishra, JS, (CS-II), MoEF&CC, New Delhi – 3

PUBLICATION OF JANUARY 2026

RESEARCH PUBLICATIONS

New species from India

1. AMRUTHA, S., A.J. ROBI, K.A. SUJANA, V.P. THOMAS, M.J. SALISH AND A.P. BALAN 2026. *Heptapleurum anamudianum* (Araliaceae), a new species from Eravikulam National Park, Kerala, India, *Brittonia*. <https://doi.org/10.1007/s12228-025-09862-x>
2. BHAUMIK, M. AND S. ROY 2026. *Reynoutria alokorang* (Polygonaceae): A new species from India. *Blumea* 70: 152-156. DOI: <https://doi.org/10.3767/blumea.2026.70.02.02>
3. CHOWLU K, G. SUKHRAMANI, A. SHENOY, A. RAY AND K.A.A. KABEER. 2025. *Strobilanthes riteshii* (Acanthaceae): a new species from the Indian Himalaya. *Ind. Jour. For.* 48 (1): 72-82.
4. DAS, K., S. DATTA, A. VIZZINI AND A. GHOSH. 2026. Uncovering a new species of *Hemileccinum* (Boletaceae, Basidiomycota) from India with morphological characteristics and multi-gene molecular phylogeny. *Nordic Journal of Botany* 2026: e05060
5. SENGUPTA, RABISHANKAR AND DASH, SUDHANSU SEKHAR. 2026. *Arisaema siahaense* sp. nov. (Araceae) from India. *Nordic Journal of Botany*. 10.1002/njb.05107.
6. DATTA, S., P. UNİYAL, K. DAS, C. KUNDU AND U. SINGH. 2025. *Hericium indicum* sp. nov., a wild edible mushroom from India. *Nelumbo* 67 (2): 1-7.

New additions to India or states

7. JALANDER, V., V. R. MARATHE AND J. SWAMY 2025. New distributional record of *Eragrostis maderaspatana* (Poaceae: Chloridoidea) to Maharashtra, India. *Nelumbo*, 67(2): 124–125. <https://doi.org/10.20324/nelumbo/v67/2025/173530>
8. KUMAR S., S. MARNDI, S. MISHRA, R. S. DEVI AND R.K. SINGH. *Setaria viridis* (L.) P. Beauv.: A new record to the grass flora of Odisha, India. *Species* 26: e44s3197. <https://doi.org/10.54905/diss.v26i78.e44s3197>. 2025.
9. SAHANI VK, M. PERTIN, K. CHOWLU AND M. RODDA. 2025. *Hoya* (Apocynaceae, Asclepiadoideae) of Arunachal Pradesh, India: A new species and two new records. *Gar. Bull. Singapore*. 77(2). 107-116.
10. SARAVANAN, T.S. AND S. KALIAMOORTHY (2025). *Aerides odorata* Lour. (Orchidaceae): A new record for Tamil Nadu, India. *Nelumbo* 67(2): 120–121.
11. SHERPA, N., P.T. LEPCHA, G. CHHETRI AND R. GOGOI (2025). New additions to the state Flora of Sikkim and one new addition to the Flora of India. *Nelumbo* 67(2): 80–84..
12. CHOWLU K, R. MAITY AND A. SHENOY. 2025. *Lindernia rotundifolia* (Linderniaceae): An addition to the flora of Indian Himalaya. *Ind. Jour. For.* 48 (1): 83-85.
13. MAHESH, Y., H. SWAIN, R. KOTTAIMUTHU AND N. ODYUO 2026. *Hypericum benghalense* S.N.Biswas (Hypericaceae)-Addition of an endemic *Hypericum* to the flora of Meghalaya, India. *Indian Forester* 151(12): 1210–1212.
14. MAHESH, Y., R. LY TAN AND R. KOTTAIMUTHU 2026. Rediscovery of *Chamaegastrodia vaginata* (Hook.f.) Seidenf. (Orchidaceae: Goodyerinae) after a gap of 174 years from its type locality. *Vegetos* <https://doi.org/10.1007/s42535-025-01592-5>

Miscellaneous publications

15. BANDYOPADHAYAY, S. AND A. BHATTACHARJEE. 2025. Doctoral studies carried out at Botanical Survey of India – part IV. *Harvest* 10 (2): 57 – 59.

16. BHAKTA, S AND S. K. DAS. 2025. Terrestrial Diatoms as potential indicators of the impacts of climate change. In B. P. Barathan et al. (eds.), *Navigating Climate Change: Impacts on Biodiversity and Ecosystem Resilience, Sustainable Development and Biodiversity* 42, doi.org/10.1007/978-981-95-0409-1_17
17. BHANDARI, P. AND M. BHAUMIK 2026. Lectotypification of Four Names under the Genus *Pimpinella* L., Apiaceae. *National Academy Science Letters*. <https://doi.org/10.1007/s40009-025-01923-9>
18. BHATTACHARYYA, S., S. K. SINGH AND A. GARG 2025. Three Replacement Names in Fossil *Artemisia* (Asteraceae: Asteroideae). *Feddes Repertorium* 1–3. DOI: doi.org/10.1002/fedr.7005.
19. BHATTACHARYYA, S., SAMEER, PATIL, PUNEET KUMAR., H. SINGH, AND S.K. SINGH, (2025) A taxonomic insight on the confusion between two species of *Grewia* (Malvaceae). *Nelumbo* 67(2): 41–44.
20. CHAKRABARTY, T., A. KUMAR AND P.P. GHOSHAL. 2026. A revision of the genus *Beilschmiedia* (Lauraceae) in the Indo-Burmese region. *Brittonia* (2026). <https://doi.org/10.1007/s12228-025-09853-y>
21. CHOWLU K, A. SHENOY AND K.A.A. KABEER. 2026. A note on a rare, endemic Agapetes from Arunachal Pradesh, India and its recollection after 60 years. *Feddes Rep.* 1-4. <https://doi.org/10.1002/fedr.70057>.
22. DEVAA, W. J. C., S. NITHANIYAL, V. PANNEERSELVAM, K. MARIMUTHU, U. RAMESH, 2025. Genetic divergence and molecular phylogenetic analysis of Rainbow trout, *Oncorhynchus mykiss* (Walbaum, 1792), from the Indian upland coldwater Regions. *Asian Fisheries Science* 38: 266-279.
23. ELAYA PERUMAL, U. AND M. PALANISAMY(2025). Generic Additions to the Freshwater Algal Flora of West Bengal. *Nelumbo* 67(2): 94–104.
24. KUMAR S. AND R. K. SINGH A new combination in Indian *Calamus* (Arecaceae). 2025. *Journal of Biodiversity and Conservation* 9(3): 15–16. <https://doi.org/10.5281/zenodo.16422303>.
25. KUSHWAHA, P. AND A. BHATTACHARJEE. 2025. A review of the genus *Anaphalis* DC. (Asteraceae: Gnaphalieae) in India. *Nelumbo* 67 (2): 45 – 61.
26. MISHRA S., J. SETHI, S. KUMAR AND R.K. SINGH 2025. On the occurrence of *Solenaum bellata* (Cucurbitaceae) in Eastern India - A range extension from the Western Ghats to Odisha with detailed taxonomic report. *Asian Journal of Biology* 21(9): 43–48. <https://doi.org/10.9734/ajob/2025/v21i9551>.
27. NITHANIYAL, S., B. ASIR, K. SARKAR, R. DAYAL AND D.JESUBALAN, 2026. DNA Barcoding as a tool for species authentication and conservation of endemic ferns from the Western Ghats. *Plant Molecular Biology Reporter* 44: 32. <https://doi.org/10.1007/s11105-025-01663-6>.
28. PARIHAR A. AND M. E. HEMBROM 2026. Notes on Nomenclature Status and Validation of Six Names of Boletes. *Feddes Repertorium* 137(1): 1-3. DOI: 10.1002/fedr.70062
29. PAUL, T. K. AND V. K. MASTAKAR. 2025. Lectotypification of the name *Dechaschistia rufa* Craib (Malvaceae). *Pleione* Vol. 19 (3): 453-454. doi:10.26679/Pleione.19.3.2025.453-454.
30. RAWAT V.K., R.K. SINGH AND C. CHANDA. 2025. A floristic study of *Polypodiaceae* in Mehao Wildlife Sanctuary, Lower Dibang Valley district Arunachal Pradesh - Diversity, Ecology, and Conservation Status. *Indian Fern Journal*. 42(2): 142–169.
31. REKHA, G., L. PRAKASH AND K.A. SUJANA (2025). Addition of two endemic species to the flora of Karnataka from Bandipur Tiger Reserve. *Nelumbo* 67(2): 114–115.
32. SHERPA, N., P.T. LEPCHA, B. MONDAL AND R. GOGOI (2025). Taxonomic identity of *Impatiens leptocarpa* Hook.f. (Balsaminaceae), a new synonym and updated distributional records. *Nelumbo* 67(2): 35–40.

33. SINGH R. K. New combinations in *Cyperus* (Cyperaceae). 2025. *Journal of Biodiversity and Conservation* 9(4): 58–60. <https://doi.org/10.5281/zenodo.17556088>.
34. Singh R.K. 2025. New combinations in three genera of Poaceae. *Journal of Biodiversity and Conservation* 9(3): 89–95. <https://doi.org/10.5281/zenodo.17088935>.
35. SINGH R.K. A new combination in Sri Lankan *Hopea* (Dipterocarpaceae). *Journal of Biodiversity and Conservation* 9(4): 103–107. <https://doi.org/10.5281/zenodo.17724379>. 2025
36. SINGH R.K. AND KUMAR S. 2025. New combinations in *Dendrocalamus* (Poaceae, Bambusoideae). *Journal of Biodiversity and Conservation* 9(3): 96–97. <https://doi.org/10.5281/zenodo.17088948>.
37. SINGH R.K. AND S. KUMAR New combinations in *Physotrichia* (Apiaceae). *Journal of Biodiversity and Conservation* 9(4): 88–93. <https://doi.org/10.5281/zenodo.17723834>. 2025
38. SINGH R.K. AND S. KUMAR. 2025. A new combination in *Semenovia* (Apiaceae). *Journal of Biodiversity and Conservation* 9(4): 108–109. <https://doi.org/10.5281/zenodo.17724506>.
39. SINGH R.K. AND V.K. RAWAT. 2025. Two new combinations in Asian Ferns. *Journal of Biodiversity and Conservation* 9(4): 110–111. <https://orcid.org/0000-0002-6828-5108>.
40. SINGH R.K. New combinations in *Koenigia* (Polygonaceae). 2025. *Journal of Biodiversity and Conservation* 9(3): 7–14. <https://doi.org/10.5281/zenodo.16422280>.
41. SINGH R.K. *Vaccinium lallanii*, a replacement name for *V. paludicola* Sleumer (Ericaceae). *Journal of Biodiversity and Conservation* 9(3): 1–6. <https://doi.org/10.5281/zenodo.16422205>. 2025
42. SINGH, R.K. Nomenclatural novelties in *Allium* (Amaryllidaceae, Alliioideae). *Journal of Biodiversity and Conservation* 9(4): 101–102. <https://doi.org/10.5281/zenodo.17723945>. 2025
43. SRIVASTAVA, NITISHA, VINAY RANJAN AND LALJI SINGH ‘Prof. D. D. Pant (1919-2001)’ *EIACP Newsletter* vol. 29(4), 2025, pp. 11.
44. SRIVASTAVA, NITISHA, VINAY RANJAN AND LALJI SINGH ‘Prof. D. D. Pant (1919-2001)’ *EIACP Newsletter* vol. 29(4), 2025, pp. 11.
45. SRIVASTAVA, NITISHA, VINAY RANJAN AND LALJI SINGH ‘Prof. D. D. Pant (1919-2001)’ *EIACP Newsletter* vol. 29(4), 2025, pp. 11.
46. TIWARI, U.L. 2025. Alpine elegance: A new species of *Lobelia* from the Eastern Himalayan biodiversity hotspot. *Feddes Repertorium* 136(4). <https://doi.org/10.1002/fedr.70050>
47. TIWARI, U.L. 2025. Lectotypification of *Adenophora alpina* Nannf. (Campanulaceae). *Species* 26(78): 1–4. <https://doi.org/10.54905/disssi.v26i78.e35s3167>
48. TIWARI, U.L. 2026. Lectotypification and nomenclatural correction of *Berberis lambertii* (Berberidaceae), an endemic shrub from the Western Himalaya, India. *Feddes Repertorium* 137(1): 1–3. <https://doi.org/10.1002/fedr.70065>
49. TIWARI, U.L. 2026. Typification and rediscovery of *Phialacanthus griffithii* Benth. & Hook.f. (Acanthaceae) in Arunachal Pradesh, India. *Nordic Journal of Botany*. <https://doi.org/10.1002/njb.05042>
50. YADAV, P., S. D. MISHRA, S. NITHANIYAL, M. P. GOUTAM. 2025. A dataset on the GC-MS analysis of poisonous plants from fresh, degraded and simulated samples of *Strychnos nux-vomica* L. and *Diospyros montana* Roxb. *The Bioscan*, 20(3):S.I(3). 1942-1959.