



सत्यमेव जयते

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Date: 08.10.2026

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 September, 2026.

Department: Botanical Survey of India

1. Important policy decisions taken, Major achievements during the month:

Scientists of BSI described ten (10) taxa as new to Science (including 01 new genus) from India viz. *Crispusanthus* L.J. Singh and V. Ranjan (Loranthaceae); *Aristolochia himalayana* Chowlu, R.Maity, A.Shenoy & S.S.Dash (Aristolochiaceae); *Begonia calamicaulis* Chowlu, R.Maity & S.S.Dash (Begoniaceae); fungal species *Lactarius vinaceobrunneus* Su. Datta and K. Das (Russulaceae); *Volvariella indotropica* Su. Datta, K. Das & Vizzini (Basidiomycota); *Corynespora bharatensis* Rashmi Dubey, A.D. Pandey & Jash (Corynesporaceae); *Bupleurum mukherjeeanum* J. Ghosh, Bhaumik & Priy. Bhandari (Apiaceae) and *Bupleurum sela* J.Ghosh, Bhaumik & Priy. Bhandari (Apiaceae), *Gentiana sangsterensis* S. Lahiri, M. Das & S.S. Dash (Gentianaceae) and *Osbeckia ulotricha* Sujana, Navya, Amruth & Vadhyar (Melastomataceae).

Besides, Scientists of BSI have also reported five (05) taxa as new additions to India and state floras viz. *Craterellus aureus* Berk. & M.A. Curtis, a wild edible mushroom from India; *Diglyphosa latifolia* (Orchidaceae) from Assam; *Sida angustifolia* Mill.(Malvaceae) from Tamil Nadu; *Cynanchum ovalifolium* Wight (Apocynaceae), as new to the Flora of India and *Bassia prostrata* (L.) A.J. Scott, an addition to Flora of Rajasthan from Indian Desert.

Scientists of BSI conducted 15 field / local tours and 2 Herbarium Consultation Tours and collected 1422 field nos. of specimens. BSI prepared metadata of 3580 herbarium specimens. During this month, 13,13,233 visitors referred the official websites of BSI (12,57,483 visitors referred official webpage and 55,750 visitors visited Indian Virtual Herbarium). Besides, 1,388 students / visitors visited the gardens and herbaria of BSI, and generated the revenue of about Rs. 72,030/- during this month.

Important events / programs organized / attended:

- Dr. Kanad Das, Director, BSI attended as Chief Guest in the training program organized by the Tamil Nadu Climate Change Mission (TNCCM) and interacted with 55 School Teachers from Tamil Nadu at The National Orchidarium & Experimental Garden of Botanical Survey of India, Yercaud, Tamil Nadu on 08.09.2026. He also inaugurated the Molecular Laboratory at BSI-NRC, Dehradun on 28.09.2026 marking an important step towards strengthening molecular research and plant diversity studies in BSI. Besides, he also graced the 85th CSIR Foundation Day celebration as the Chief Guest at CSIR-NBRI, Lucknow, on 30th September 2026.
- Dr. S. S. Dash, Scientist-F & In-charge, Tech. Section, BSI attended the Knowledge sharing workshop on CBD COP 17 as expert member "International Deliberations on Syntheric Biology, DSI and RARM: a Primer Ahead of CBD COP 17" held on 05.09.2026 at Centre for Biodiversity, Environment and climate Studies, CHRIST University, New Delhi. Besides, he also attended the National Workshop in Ditaial Sequenec Information: India's Priorities and Preparations for COP17, Organised by NBA on 10-11 September, 2026 at Hyderabad.
- Dr. S. S. Dash, Scientist-F & In-charge, Tech. Section, BSI was elected as a Fellow of the National Academy of Sciences, India (NASI) - the country's oldest science academy, during September, 2026 in recognition of his peerless dedication and exceptional contribution to Plant Science, Taxonomy and Biodiversity Research.
- BSI-SRC, Coimbatore organized the 5th batch of the IUCN Red List Assessor Training Workshop for the National Red List Assessment of Indian Flora, Fauna and Fungi from 7th to 11th September 2026, where 42 participants from BSI, ZSI and other organizations attended this programme.
- BSI, CBL, Howrah and BSI-ISIM, Kolkata participated in the 33rd West Bengal State Science & Technology Congress, 2026, from 1st - 1st September 2026 at Biswa Bangla Convention Centre, New Town, Kolkata, by setting up and showcasing the exhibits, interacting with visitors, and sharing relevant knowledge and information about the exhibits.
- Botanical Survey of India and all its regional centres observed World Ozone Day 2026 on 16th September, 2026 with the theme: "World Ozone Day 2026: Global Action for a Cooler Planet – Celebrating 10 Years of Sustainable Cooling under the Kigali Amendment to the Montreal Protocol." To mark this occasion, sit-and-draw competition, Mass Tree Plantation Drive etc. were organized.
- Botanical Survey of India and all its regional centres organized Hindi Pakhwada / Hindi fortnight throughout September. During this period, many events like essay competition, Dictation, speech competition, noting and drafting, recitation, quiz competition etc. were organized.
- BSI, SHRC, Gangtok launched a two-day National Training Programme on "Plant Identification, Herbarium Techniques and Impact of Climate Change at High Altitudes Using Different Ecological Tools" on 24th & 25th September, 2026. The programme was conducted in collaboration with an NMHS-funded project and the GovindBallabh Pant National Institute of Himalayan Environment (GBPNIE), Sikkim Regional Centre Gangtok.
- Botanical Survey of India (BSI), in collaboration with the ICAR-National Bureau of Plant Genetic Resources (ICAR-NBPGR) organized a five-days training programme on "Management of Plant Genetic Resources" from 21st to 25th September 2026. This training programme is being conducted under the NMHS-funded project, "Project Jeevan Beej – National Seed Banking of Endemic and Threatened Plants of the Himalayan Region", implemented by BSI-BGIR, Noida. The programme was inaugurated by Dr. D. K. Yadava, Deputy Director General (Crop Science), ICAR, New Delhi.

During this month, 33 publications, including 32 research papers and one Hindi book were published by BSI scientists in International and National journals of repute (Annexure 1).

- Important policy matter held up on account of prolonged inter-ministerial consultations: NIL
 - No. of cases of 'Sanction for prosecution' pending for more than 3 months: NIL
 - Particulars of cases in which there has been a departure from the Transaction of Business Rules or established policy of the government: NIL
 - Status of Rationalization of Autonomous Bodies:-NA-
 - Information on the specific steps taken for utilization of the space technology based tools and applications in governance and development: NIL
 - Vacancy position of senior level appointments in the Ministry/ Department, including Autonomous Bodies/ PSUs: Communicated to the Ministry separately.
 - List of cases in which ACC directions have not been complied with: NIL
- With regards,

Sincerely yours,

(Kanad Das)
Director

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

PUBLICATION OF SEPTEMBER 2026

RESEARCH PAPERS:

1. BHATTACHARJEE, A., S. BANDYOPADHYAY, K. CHAKRABORTY, S. SARDAR, S. MONDAL, S. CHAKRABORTY AND S. SARKAR. 2026. (003) Proposal to discourage publication of nomenclatural novelties under a name proposed for conservation or protection until the decision of the General Committee on that proposed conservation or protection. *Taxon* **75**: e70241. <https://doi.org/10.1002/tax.70241>.
2. BHEEMALINGAPPA, M., V. RANJAN, C. MURUGAN AND S. MISHRA. 2026. Progress of Floristic Exploration in Chhattisgarh, Central India: A Century of Botanical Surveys, Taxonomic Advances and Conservation Perspectives. *Annual Research & Review in Biology*, **41**(9), 132–160. <https://doi.org/10.9734/arrb/2026/v41i92445>
3. CHAKRABORTY, D., D. TUDU AND A. GHOSH 2026. Broadening the known distribution of *Craterellus aureus* Berk. & M.A. Curtis, a wild edible mushroom from India with morpho-phylogenetic evidence. *KAVAKA* **62**(2): 11-19. DOI: 10.36460/Kavaka/62/2/2026/11
4. CHOWLU, K., R. MAITY, A. SHENOY AND S. S. DASH. 2026. A new species of *Aristolochia* (Aristolochiaceae) from Indian Himalayas. *Nelumbo*. Vol 68 (1): 09-15
5. CHOWLU, K., R. MAITY, S. TAID AND S. S. DASH. 2026. *Begonia calamicaulis*, a new species of *Begonia* (Begoniaceae) from India. *Nelumbo*. Vol 68 (1): 16-22
6. DATTA, S., A. BOSE AND K. DAS. 2026. A new species of *Lactarius* subg. *Lactarius* from Indian Himalaya with vinaceous brown latex. *Kavaka* **62**(2): 58–65.
7. DATTA, S., A., BOSE, A., VIZZINI, AND K., DAS. 2026. Morphology and molecular phylogeny unveil a novel species of *Volvariella* (Basidiomycota) from tropical India. *Taiwania* **71**(4): 659–666.
8. DATTA, S., B. PILLAI, K. DAS, C. PAUL, N. DAS AND T. SEAL. 2026. Nutritional profiling and bioactive potential of wild edible mushrooms as functional food resources. *South African J. Botany* **197**: 985–995.
9. DEORI, C., D.L. BIATE, N. ODYUO AND S. HAJONG. 2026. *Diglyphosa latifolia* (Orchidaceae) from Assam, Northeast India-a new record. *Nelumbo* **68**(2): 6-7
10. DEPOORTERE, P., BAUMAN, D., FAYOLLE, A. ET AL. 2026. Region-specific forest structure pathways reveal climate effects on old-growth tropical forest biomass. *Scientific Reports* **16**: 27381. <https://doi.org/10.1038/s41598-026-61888-7>(IF: 4.9)
11. DINESH KUMAR, P., P. NAVEEN, K. SWATHEKA, C. RAJASEKAR AND R. KOTTAIMUTHU 2026. Confirmation to the occurrence of *Sida angustifolia* Mill. (Malvaceae) in Tamil Nadu. *Asian J. Conservation Biology* **15**(1): 192–197.
12. DUBEY, R., A.D. PANDEY AND S. JASH. 2026. *Corynespora bharatensis*: a novel species from the Indian mycobiota based on polyphasic taxonomy. *Phytotaxa* **774** (1): 20–30. DOI: 10.11646/phytotaxa.774.1.2
13. GHOSH, J., P. BHANDARI AND M. BHAUMIK 2026. Two new species of *Bupleurum* L. (Apiaceae) from India, *Botany Letters*. DOI: 10.1080/23818107.2026.2731211
14. GIRISHA, H. V., A. MALETHA, S. P. GOYAL, M. TANGJANG, A. BHATTACHARJEE, S. CHAKRABORTY, R. LAYOLA M. R., S. SARDAR, S. BANDYOPADHYAY, B. MALLICK, O. CHAKRABORTY, S. SENGUPTA, T. SHIL, S. CHAKRABORTY, R. SHAW AND F. BANU. 2026. Exploring the agarwood trade in India and its promising horizon. *J. Threatened Taxa* **18** (8): 29532–29543.
15. KEMPRAI, K. KUMAR., K. BASUMATARY, C. DEORI AND S. BORAH. 2026. Typification of the Name *Cyrtosia javanica* (Orchidaceae). *Feddes Repertorium*. 137:e70162.
16. KONDRU, Y. AND K.A.A. KABEER. 2026. Lectotypification of *Fimbristylis subtrabeculata* (Cyperaceae), an endemic species of India. *Bionature* **46** (2): 216–222.
17. KUMAR, A., A. BHATTACHARJEE AND S. BANDYOPADHYAY. 2026. (005–006) Proposals to recommend sequential citation of multiple typification steps in subsequent references. *Taxon* **75** (5): e70243. <https://doi.org/10.1002/tax.70243>.
18. KUMAR, M. A., G. A. EKKAR, P. A. DHOLE, AND L. J. SINGH. 2026. *Cynanchum ovalifolium* Wight (Apocynaceae): New to Indian Flora. *Feddes Repertorium* **137**(2): e70125. <https://doi.org/10.1002/fedr.70125>

19. KUSHWAHA, P. AND A. BHATTACHARJEE. 2026. Typification of four names in the genus *Anaphalis* (Asteraceae: Gnaphalieae) with note on the distribution of *Anaphalis xylorhiza* in India. *Feddes Repertorium* 137: e70153.
20. LAHIRI, SUBHAJIT, M. DAS AND S. S. DASH. 2026. A new species of *Gentiana* (Gentianaceae) from Eastern Himalaya, India. *Taiwania* 71(3): 503–508, 2026. DOI: 10.6165/tai.2026.71.503
21. PANWAR, G.S., P. KUMAR, H. SINGH, A. SRIVASTAVA AND S.K. SINGH. 2026. Habitat Suitability Modelling of the Steno-endemic Shrub *Chrysojasminum parkeri* (Dunn) Banfi in Himachal Pradesh. *Tropical Ecology*. (TROE-S-26-00267)
22. PUROHIT, C.S., A. KUMAR AND S.L. MEENA. 2026. *Bassia prostrata* (L.) A.J. Scott: An addition to Flora of Rajasthan from Indian Desert. *Indian J. Forestry* 48 (3): 249 – 252.
23. ROUT, Y., J.S. JALAL, POOJA SINGH AND J. JAYANTHI. 2026. A note on *Nervilia simplex* (Thouars) Schltr. (Orchidaceae). *Feddes Repertorium* 137 (3): e70157.
24. SAHANI, V.K. AND K. CHOWLU. 2026. *Disporum yobinorum* (Colchicaceae), a new species from Eastern Himalaya, India. *Phytotaxa*. 772 (3): 300–300.
25. SARKAR SHUVADIP, D. K. AGRAWALA AND D. MAITY 2026. Lectotypification of two accepted names under the genus *Podochilus* Blume (Orchidaceae). *Collectanea Botanica* 45: e0015. DOI <https://doi.org/10.3989/Collectbot.2026.v45.0015>
26. SINGH R.K. 2026. A new combination in *Hertia* (Asteraceae). *J. Biodiversity Conservation* 10(2): 181–186. <https://doi.org/10.5281/zenodo.20710976>.
27. SINGH R.K. 2026. A new combination in *Metastelma* (Apocynaceae). *J. Biodiversity Conservation* 10(2): 187–189. <https://doi.org/10.5281/zenodo.20711008>.
28. SINGH R.K. 2026. New combinations in Amaryllidaceae. *J. Biodiversity Conservation* 10(2): 176–180. <https://doi.org/10.5281/zenodo.20710944>.
29. SINGH R.K. 2026. Typification of the name *Agalma griffithii* Seem. (Araliaceae). *J. Biodiversity Conservation* 10(2): 190–197. <https://doi.org/10.5281/zenodo.20711083>.
30. SINGH, L. J. AND V. RANJAN. 2026. *Crispusanthus*: A New Monotypic Genus of Old World (Paleotropics) Mistletoes. *Feddes Repertorium*. 137(2): doi. 10.1002/fedr.70097
31. SUJANA, K.A., NAVYA S., A. SUNDARAN AND R. G. VADHYAR. 2026. A New Species of *Osbeckia* L. (Melastomataceae) from Agasthyamala Biosphere Reserve, India. *Lilloa*. 63(2): 249–259.
32. SWAMY, J., D. SINGH, S. MANDAL, R. D. BARMAN AND V. K. MASTAKAR (2026). Effect of Different Germination Media on Seed Germination and Seedling Growth of *Hyphaene thebaica* (Arecaceae). *Nelumbo*, 68 (2), 1–5. <https://doi.org/10.20324/nelumbo/v68/2026/173532>

BOOK

1. *Vanaspati Vani*. Volume 34, Botanical Survey of India, Kolkata. (Hindi)