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निदेशक
A. A. Mao
Director



सत्यमेव जयते

भारत सरकार
पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय
भारतीय वनस्पति सर्वेक्षण
GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST
& CLIMATE CHANGE
BOTANICAL SURVEY OF INDIA

DO. No.: BSI - 8/1/PA/2019 / 717

Date: 10.10.2022

Madam,

In reply to OM no. 24011/08/2019 - GC dtd. 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 2022**.

Department: Botanical Survey of India

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

Scientists of BSI reported **eight taxa as additions** including one for **South Asia** viz. *Poa leptoclada* (Poaceae), An Afro-Arabian species; **three as new additions to the Flora of India** viz. *Beltrania pseudorhombica*, a fungus, *Aspidistra yingjiangensis* (Asparagaceae: Nolinoideae) and *Pavetta thwaitesii* (Rubiaceae); **one taxa as new additions to the Eastern Ghats** viz. *Impatiens scapiflora* (Balsaminaceae); and **three taxa as new additions to different states of India** viz *Drynaria propinqua* (Polypodiaceae)- for Mizorum and *Appendicula Blume* (Orchidaceae) & *Boesenbergia* (Zingiberaceae) for Arunachal Pradesh.

In addition, BSI scientists conducted **10 field/ local tours**, **1 Herbarium Consultation Tour** and collected **973 field nos.** of specimens. Towards digitization, BSI completed metadata of **6663 herbarium specimens**. During the month, **2,86,920 visitors** visited BSI official websites (121492 visitors referred BSI homepage website, 41774 visitors referred BSI archive, and 122920 visitors visited the Indian Virtual Herbarium).

Important events / programmes organized / attended:

1. Dr. A.A. Mao, Director, BSI and Dr. S.S. Dash, Scientist E & Incharge, Tech. Sec. BSI attended in two days National Conference of Ministers of Environment Forest and Climate Change of States/UTs on 23th-24th, September, 2022 at Kevadiya, Gujarat.
2. BSI, ERC, Shillong conducted a **Hands on Training programme on "Advanced Biochemical Techniques and Applications"** under the aegis of STUTI, sponsored by Department of Science and Technology, Govt. of India, w.e.f.1st - 8th September, 2022 at the Department of Biochemistry, North Eastern Hill University (NEHU), Shillong.
3. BSI-ISIM, Kolkata organized '**World Coconut Day Exhibition**' on 2nd Sept. 2022 wherein the UG & PG students of the Botany Department, R.K. Mission Vivekananda Centenary College, West Bengal participated. On this occasion, 75 coconut trees were planted in the AJCB Indian Botanic Garden, Howrah.
4. BSI-DRC, Hyderabad arranged a lecture and demonstration on Herbarium Methodology, Role of BSI etc. to 33 students and faculty members of the Gossner College, Ranchi University, Ranchi on 30.09.2022.
5. BSI, HQ Kolkata and CNH, Howrah organized a **Webinar on Record Management under the aegis of Swachhta Abhiyan 2.0** on 7th September 2022 for all its scientists and officials for participation in the cleaning and disposal drive. Shri S. Sridhar, Deputy Secretary (Rtd.) was the lead speaker of the webinar.
6. BSI and all its regional centres observed '**The Ozone Day**' on 16th September, 2022.
7. BSI-ISIM, Kolkata organized World Bamboo day exhibition for visitors and explained Importance and usefulness of Bamboos in Human welfare on 18th Sept., 2022
8. BSI, Kolkata in collaboration with the Midnapore City College, Midnapore, organized a **Two days National Workshop on Herbarium methodology and Plant nomenclature** at Midnapore City College, Midnapore, West Bengal w.e.f. 26th - 27th September, 2022. Dr. Gopal Krishna, Botanist, Dr. Sudhir Kumar Yadav, Botanist, Dr. Anant Kumar, Bot. Asst. delivered lectures as resource persons. More than 150 UG & PG students and faculties attended this workshop.
9. *BSI and all its regional centres observed Hindi Pakhwada. On this occasion, many events like essay competition, speech competition, noting and drafting, recitation, quiz competition etc. were organized and officials were encouraged to use Hindi in official communications.*

Important scientific publications:

During this month **24 research publications** and **1 book** have been published by BSI scientists in various International and National research journals (*Annexure 1*).

2. **Important policy matter held up on account of prolonged inter-ministerial consultations: NIL**
3. **No. of cases of 'Sanction for prosecution' pending for more than 3 months: NIL**
4. **Particulars of cases in which there has been a departure from the Transaction of Business Rules or established policy of the government: NIL**
5. **Status of ongoing Swachhta Abhiyaan (Progress under Special Campaign):** Under outreach activities, regular cleaning drives and public awareness campaigns are organized in BSI.
6. **Status of Rationalization of Autonomous Bodies: NIL**
7. **Information on the specific steps taken for utilization of the space technology based tools and applications in governance and development: NIL**
8. **Vacancy position of senior level appointments in the Ministry/ Department, including Autonomous Bodies/ PSUs:** Recruitment of 10 posts of scientist 'C' is pending in Ministry. UPSC has declared the result of 13 posts of Botanists in BSI.
9. **List of cases in which ACC directions have not been complied with: NIL**

With regards,

Sincerely yours,

18/10/2022
A. A. MAO

To
Mrs. Nameeta Prasad, JS, (CS-II), MoEF&CC, New Delhi - 3



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