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निदेशक  
A. A. Mao  
Director



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

Date: 02.03.2020

Dear Smt. Pandey,

I am furnishing herewith the following major achievements of Botanical Survey of India for the month of February, 2020 in reply to OM no. 24011/08/2019 – GC dtd. 25.03.2019 regarding monthly DO letter from Secretary (E & F) to the Cabinet Secretary.

Department: Botanical Survey of India (BSI)

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

Scientists of BSI discovered three novel plant species viz. *Stereochilus arunachalensis*, *Spathoglottis arunachalensis* (Orchidaceae) and *Impatiens sashinborthakurii* (Balsaminaceae) from the North Eastern India. During the month, Scientists of BSI undertook two botanical explorations in different geographical regions of the country under various research projects.

Important events / meetings organized / attended by Director, BSI during the month:

BSI organized two days *International Symposium on Plant Taxonomy & Ethnobotany (ISPTe)* from 13-14 Feb., 2020 on the occasion of 130th Foundation Day of BSI. Around 500 researchers from 33 Universities, 15 Institutions and 56 Colleges from various parts of India and 10 subject experts from abroad attended the symposium in which 130 oral presentation and 134 poster presentations were delivered. The event was inaugurated by Shri Ravi Agrawal, the Hon'ble Addl. Secretary, MoEF&CC, Govt. of India, in the auspicious presence of many eminent guests. In addition, the Director, BSI, along with other senior BSI officials attended the inaugural function of the newly established the *High Altitude Western Himalayan Regional Centre (HAWHRC)* of BSI at Solan (H.P.) by Shri C.K. Mishra, the Hon'ble Secretary, MoEF&CC, Govt. of India on 26th Feb. 2020. BSI organized 4th *Botanical Nomenclature Course* from 27-31 Jan. 2020 at BSI, Eastern Regional Centre, Shillong. The course drew 83 participants from across the country. Besides, Director, BSI also attended the 23rd *JCM* with the Chief Secretary, Govt. of West Bengal, held at the state secretariat (Nabanna, Howrah) on 18th Feb. 2020 regarding the management and development of AJCB Indian Botanic Garden, Howrah.

Some important publications:

- CHOWLU KRISHNA AND A. NAGESWARA RAO 2020. *Stereochilus arunachalensis*, a new orchid species of Orchidaceae (Epidendroideae: Vandeeae: Aeridinae) from Arunachal Pradesh, India. *Phytotaxa*, 433 (2): 177-180.
- TSERING J. AND K. PRASAD 2020. *Spathoglottis arunachalensis* (Orchidaceae): a new species from Arunachal Pradesh, India. *Phytotaxa* 432 (3): 289-295.
- GOGOI, R., N.SHERPA, M.MURUGESAN AND L.R. MEITEI 2019. *Impatiens sashinborthakurii* (Balsaminaceae) a new species of *Impatiens* from Meghalaya, Northeast India. *Nelumbo* Vol 61 (2): 34-40.
- SARMA, N., U. SHANKAR AND A.A. MAO 2019. An assessment of the invasive flora of Amchang Wildlife Sanctuary in the Kamrup District of Assam, India. *Pleione* 13(2): 326 - 335.

Books published:

- SINGH, P., S.S. DASH AND B.K. SINHA 2020. PLANTS OF INDIAN HIMALAYAN REGION: AN ANNOTATED CHECK LIST AND PICTORIAL GUIDE. Botanical Survey of India, Kolkata.
- LAKSHMINARASIMHAN, P., S.S. DASH, P. SINGH AND H.J. CHOWDHERY (eds.) 2020. FLORA OF WEST BENGAL, vol. 4. Botanical Survey of India, Kolkata.
- PUSALKAR, P.K., D.K. SINGH, S.K. SRIVASTAVA, B.K. SINHA AND S.S. DASH, 2020. PERIGLACIAL FLORA OF WESTERN HIMALAYA: DIVERSITY AND CLIMATE CHANGE VULNERABILITY.
- PATIL, R.T. AND V.P. PRASAD 2020. SEDGES OF GOA. Bishen Singh Mahendra Pal Singh, Dehra Dun.

2. Important policy matter is held up on account of prolonged inter-ministerial consultation: NIL

3. Compliance of COS decisions: Nothing pending

4. No. of cases of 'Sanction for prosecution' pending for more than 3 months: NIL

5. Particulars of cases in which there has been a departure from the Transaction of Business Rules or established policy of the government: NIL

6. Status of implementation of e-governance: MIS module is yet to be introduced in BSI

7. Details of cases in which ACC directions have not been complied with: NIL

8. Status of Public grievances:

No. of public grievances redressed during the month	No. of Public grievances pending at the end of month
	2

9. Information on the specific steps taken by the ministry/department for utilization of the space technology based tools and applications in governance and development: NIL

With regards,

Sincerely yours,

  
02/03/20  
A. A. MAO

To  
Smt. Manju Pandey, IPoS, Jt. Secretary, (CS), MoEF & CC, New Delhi – 3



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