

ए.ए. माओ  
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

Date: 02.01.2020

DO. No.: BSI – 8/1/PA/2019

Dear Smt. Pandey,

I am furnishing herewith the following major achievements of Botanical Survey of India for the month of December, 2019 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 two new species of lichen plants viz. *Eremothecella ajaysinghii* and *E. nicobarica* from the Andaman and Nicobar Islands, India. Besides, scientists of BSI also reported six plants as new additions, out of which five plants viz. *Eremothecella calamicola*, *E. macrosperma*, *E. variratae*, *Linostoma decandrum* and *Ipomoea imperati* from the Andaman & Nicobar Islands and *Oreorchis patens* from the Eastern Himalaya. During the month, scientists of BSI undertook six botanical explorations in different geographical regions of the country and vouched 361 field numbers of plants under various research projects.

Important meetings attended by Director, BSI during the month:

Director, BSI, along with all the Heads of Offices of BSI attended the Heads of Offices meeting and RCM held at BSI, CRC, Allahabad (U.P.) on 5<sup>th</sup> & 6<sup>th</sup> December, 2019. He also attended a conference on "Himalaya Matters in a Changing World" held at the G.B. Pant Institute of Himalayan Environment and Development on December 9-11, 2019 at Almora. The Director also chaired a meeting regarding preliminary inaugural preparation of the newly established BSI centre i.e. High Altitude Western Himalayan Regional Centre, Solan, scheduled to be inaugurated formally in the month of January, 2020.

Some important publications:

- JAGADEESH RAM T.A.M. AND G.P. SINHA 2019. New species and first records of *Eremothecella* (Arthoniales) from the Andaman & Nicobar Islands, India. *Lichenologist* 51(6): 507-513.
- ANANT KUMAR, GOPAL KRISHNA, D.K. AGRAWALA AND VINAY RANJAN (2019). *Oreorchis patens* (Orchidaceae)-an addition to the flora of Eastern Indian Himalaya. *Richardiana* 3: 109 – 116.
- RASINGAM, L. AND K. KARTHIGEYAN 2019. *Linostoma decandrum* (Roxb. ) Wall. ex Endl. (Thymelaeaceae) – a new addition to the flora of Andaman & Nicobar Islands. *J. Threat. Taxa* 11(14): 14921–14922.
- NAIK, M.C., L.J. SINGH AND G.A. EKKA. 2019. *Ipomoea imperati* (Convolvulaceae): an addition to flora of India from Andaman & Nicobar Islands. *J. Asia-Pacific Biod.* 12: 713-717.
- GUPTA, P. AND TIWARI, M.K. 2019. Morphological and Molecular Techniques for Taxonomic Identification of Cyanoprokaryota. In: *Wings of Life: Genomics, Biodiversity and Life Processes*. Ed. A.K. Sanyal, Pub. by Asiatic Society, Kolkata, 111 – 131.
- YADAV, S.K. AND M. PALANISAMY 2019. Therapeutic potentials of marine macro algae of Karnataka. *J. Algal Biomass Utiln.* 10 (2): 40-51.
- BHARATI, K.A. AND O.N. MAURYA 2019. A checklist of Angiosperms in Eco-sensitive Zone of Nakti dam Bird Sanctuary, Jamui District, Bihar. *Phytotaxonomy* 18: 69–77.

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
	4

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,

A. A. MAO 02/01/2020

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



सी.जी.ओ कॉम्प्लेक्स, तृतीय एम.एम.ओ भवन, ब्लॉक-एक (पाँचवा तल), डी एफ ब्लॉक, सेक्टर 1, साल्ट लेक सिटी, कोलकाता-700 064 फोन : 033-23344963  
CGO Complex, 3rd MSO Building, Block F (5th Floor) DF Block, Sector 1, Salt Lake City, Kolkata -700064 Phone : 033-23344963  
E-mail : aamao2008@gmail.com