

FLORA OF INDIA

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- ❑ Team leader for Flora of India volume 21
- ❑ Team members Dr. Gopal Krishna and Dr. Anant Kumar, BSI, Kolkata
- ❑ Total six families - **Avicenniaceae, Labiatae/Lamiaceae, Phrymaceae, Plantaginaceae, Symphoremataceae and Verbenaceae.**
- ❑ Avicenniaceae (completed in all respect)
- ❑ Phrymaceae (completed in all respect)
- ❑ Plantaginaceae (completed in all respect)
- ❑ Symphoremataceae (completed in all respect)
- ❑ Verbenaceae (Typed the manuscript from the book by A. Rajendran & P. Daniel, updated the manuscript with new additions and edited).

Labiatae/Lamiaceae

- The manuscript of *Gomphostemma* Wall. ex Benth., *Leucas* R.Br., *Stachys* L., *Scutellaria* L., *Rubiteucris* Kudo and *Teucrium* L. submitted by V. Singh and R.P. Pandey in hard copy has been typed. The nomenclature as well as distribution were updated and the same was edited in the new format.
- From the thesis of Sravani Banerjee, certain genera of the tribe Ocimeae have been typed, updated the nomenclature, distribution etc. and sent to Dr. M. Sanjappa, former Director, BSI for approval. The suggestions and corrections made by him were incorporated not only in that manuscript but also in the other manuscripts too.

Labiatae/ Lamiaceae

- ❖ From the thesis of Ocimeae, illustrations have been got it scanned and the same has been corrected in Photoshop with the help of Sri Ramesh, Photographer, SRC, BSI.
- ❖ The thesis of the tribe Mentheae by V. Sampath Kumar also typed and the nomenclature, additional species, distribution etc. were incorporated and the same was edited in the new format of Flora of India.
- ❖ For about 150 species of the labiates, the description has been made along with citations, phenology, habitat and distribution and also key if more than one species or infraspecific taxa, sent to the team members for corrections.

Labiatae/ Lamiaceae

❖ The descriptions were made for about 150 species, that includes the genera *Achyrospermum* Blume, *Ajuga* L., *Anisomeles* R.Br., *Chelonopsis* Miq., *Colquhounia* Wall., *Craniotome* Rchb., *Dracocephalum* L., *Eriophyton* Benth., *Galeopsis* L., *Gontscharovia* Boriss., *Isodon* (Schrad. ex Benth.) Spach, *Lagochilus* Bunge ex Benth., *Lagopsis* (Bunge ex Benth.) Bunge, *Lallemantia* Fisch. & C.A. Mey., *Lamium* L., *Leonotis* (Pers.) R. Br., *Leonurus* L., *Lophanthus* Benth., *Marmoritis* Benth., *Marrubium* L., *Microtoena* Prain, *Nepeta* L., *Paralamium* Dunn, *Paraphlomis* Prain, *Phlomis* L. and *Phlomoides* Moench. along with Phenology, Distribution etc.

Labiatae/ Lamiaceae

❖ The manuscript of *Coleus complex* submitted by Sunoj Kumar & others, University of Calicut, Kerala and *Salvia L.* by Sri Partha Lodh, Govt. General Degree college at Kaliganj, Debagram, Nadia, West Bengal received were thoroughly corrected and with the necessary suggestions to incorporate them were sent to the respective authors for further necessary action. Once the manuscripts are received from them, the same would be edited and after preparing the Genera key, the manuscripts of the volume 21 of flora of India would be submitted.

ACHIEVEMENTS

- New combinations and new names are proposed during this work.
- About 20 synonym nova are made.
- Many additional distribution are reported for more than a dozen taxa.
- Published a paper - *Salvia roborwoskii* Maxim.— an addition to flora of Western Himalaya, India. NeBio 11(3): 189–191 [Sept. 2020].

FLORA OF INDIA

(Volume 9)

- ✓ The corrections were carried out thoroughly in the Lecythidaceae galley proof of 'Flora of India' volume 9, submitted in April 2020.
- ✓ We were differed the editor opinion of merging some of the taxa and treating cultivated species as excluded one.
- ✓ In distribution also the editor changed the geographical area 'Malesia' to the country name 'Malaysia' which were also corrected accordingly.
- ✓ Besides, the updating includes the reinstatement of the subspecies *spicata* (Blume) Payens of *Barringtonia acutangula* (L.) Gaertn.
- ✓ Transfer of some merged Literature to the respective genera and inclusion of *Barringtonia macrostachya* (Jack) Kurz as excluded species.
- ✓ The Lecythidaceae checklist also prepared and submitted in the specific format.

FLORA OF INDIA

(Volume 10)

- ✓ In connection with the family Lythraceae, submitted by T. Mathew and M. P. Nayar for Flora of India, the manuscript got it typed and sent to Late Dr. B.K. Sinha, Scientist 'F'.
- ✓ Further, various literature pertaining to the family Lythraceae including protologues were sent for updating the manuscript. In brief assisted in updating the manuscript of Lythraceae in various ways.
- ✓ Apart from this, the Cucurbitaceae manuscript published in Flora of India fascicle was got it typed and submitted with necessary corrections for further action.

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(Volume 29)

- ✓ The subgenus *Vignea* of *Carex* L. manuscript submitted by Dr. Bikash Jana, former SRF, CNH, Howrah was thoroughly corrected and sent to him with modifications and suggestions. Many additions of species and change of artificial key to the species were also suggested, which would be included as a part of Flora of India volume 29.

THANK YOU