



Prof. (Dr.) Debabrata Maity
M. Sc. (Botany); Ph. D., FLS, FIAAT, FEHSST
Professor

Department of Botany
University of Calcutta

Contact information

Department of Botany
University of Calcutta
35, Ballygunge Circular Road
Kolkata – 700 019, W.B.

Phone: +91-94330 88157; +91-9123088609

E-mail: debmaity@yahoo.com

Research interests: Taxonomy and Biosystematics; Floristics; Biodiversity; Ecology; Anatomy; Ethnobotany

Ph.D. Students: Degree awarded-13; Registered-4

Projects:

1. “Systematics of the genus *Gentiana* L. (Gentianaceae) in Eastern Himalaya, India” (SERB)-Ongoing
 2. “Systematics and Conservation of Genus *Artemisia* L. (Asteraceae) in India” (SERB)-Ongoing (Co-PI)
 3. Floristic Diversity and its composition of the Alpine Pastures of Sikkim (Eastern Himalaya) and Capacity Building in Taxonomy (MoEF&CC)
 4. Floristic composition and its diversity of alpine pasture of Zemu and Lhonak valley of Sikkim (SERB)
 5. Foliar architecture of Indian members of the family Sterculiaceae and its systematic relevance (UGC)
- PI of prestigious “Taxonomy Training and Research Centre”, MoEF&CC, Govt. of India, at Department of Botany, University of Calcutta

Award/honour

- **Taxonomist & Ethnobotanist in International evaluation committee of the Food and Agriculture Organisation of United Nations (FAO)** for International Project “*A Strategic Road Map for Developing the Medicinal and Aromatic Plants Sectors in Bhutan*” in 2010. [Study conducted under: “*Organic Production of Under-utilized Medicinal, Aromatic and Natural Dye Plants Programme for Sustainable Livelihoods in South Asia*” (GCP/RAS/108/IFA).

- **KASTHURI AND KANCHI GANDHI AWARD ON PLANT NOMENCLATURE 2024.** By East Himalayan Society for Spermatophyte Taxonomy (EHSST) [to recognize contribution in the field of Plant Nomenclature]
- **PROF. V. V. SHIVARAJAN GOLD MEDAL 2021.** By Indian Association for Angiosperm Taxonomy (IAAT)
- **ARUN PANDEY BIODIVERSITY AWARD 2016.** By East Himalayan Society for Spermatophyte Taxonomy (EHSST) [for contribution on the plant diversity of sub-alpine and alpine Himalaya]
- **K. S. MANILAL AWARD (Best paper** in Floristic including new taxa/new reports) in the **International Seminar** on “Present Trends and Future Prospects of Angiosperm Taxonomy”, held at Agharkar Research Institute, Pune, October 4-6, 2006. By Indian Association for Angiosperm Taxonomy (IAAT)
- **Best paper** in ‘Floristics and Systematics (Theme-1)’ in the **International Seminar** on “Multidisciplinary Approaches in Angiosperm Systematics”, held at University of Kalyani, Kalyani, West Bengal, October 11-13, 2008.
- **Best Research Poster** (Session IV) in the XXIII Conference of Indian Association for Angiosperm Taxonomy and national seminar on “Recent Advances in Plant Taxonomy Research”, Nagpur, 2013.

Fellow:

- ✓ Fellow of Linnean Society
- ✓ Fellow of Indian Association for Angiosperm Taxonomy
- ✓ Fellow of East Himalayan Society for Spermatophyte Taxonomy

• **Collaboration:**

- Kunming Institute of Biology, Chinese Academy of Science
- Forest and Environment Department, Government of Sikkim
- Botanical Survey of India

Articles published: 188; Proceeding chapters: 08; Book chapters: 58; ENVIS reports (Newsletter): 05; BOOKS: 10

Publications:

1. **Maity, D.**, Saha, S., Banerjee, A., Ghosh, J., Midday, M., Mandal, M., Halder, A.K. and Dwivedi, M.D. 2024. *Parnassia teesta* (Celastraceae), a New Species from Sikkim Himalaya Revealed through Morphological and Molecular Evidence. *J. Jap. Bot.* 99(6): 351–361. DOI: <https://doi.org/10.51033/jjapbot.ID0210>
2. Das, D.S., Alam, A. Saha, M., Sabnam, E., Malik, P., Saha, S., Mandal, M.K., Goswami, N., Chowdhury and **Maity, D.** 2024. Plant Diversity, Life-forms and the Biological spectrum of the Chintamani Kar Bird Sanctuary, West Bengal, India. *J. Econ. Taxon. Bot.* 48 (4):218-227.

3. Chakraborty, S., Sengupta, S., Chakraborty O., Agrawala, D.K., Bhattacharjee, A. and **Maity, D.** 2024. Lectotypification of *Gastrodia dyeriana* King & Pantl. (Orchidaceae), its threat status assessment as per IUCN guidelines and notes on its first authentic voucher specimen from Arunachal Pradesh, India. *Phytotaxa* 682 (2): 185–191. DOI: <https://doi.org/10.11646/phytotaxa.682.2.7>
4. Halder, A.K., Jha, B. K., Chakraborty, S. and **Maity, D.** 2024. Extended distribution of *Kuepferia doxiongshangensis* (Gentianaceae) to Sikkim Himalaya and comment on the name “*Gentiana taylorii* Harry Sm.”. *J. Econ. Taxon. Bot.* 48 (3):129–133. DOI: <https://doi.org/10.61080/JETB/V48/i3/2024/129-133>
5. Saha, S., Pradhan, D.K. and **Maity, D.** 2024. Occurrence of *Eragrostis tenuifolia* (A.Rich.) Hochst. ex Steud. (Poaceae) in the Sikkim Himalaya. *Pleione* 18(2): 254-257. DOI:10.26679/Pleione.18.2.2024.254-257
6. Lokho, K., Halder, A.K., Saha, S., Mandal, M. and **Maity, D.** 2024. *Daphne bholua* Buch.-Ham. ex D. Don in Manipur. *Nelumbo* 66 (1): 65–73. DOI: 10.20324/nelumbo/v66/2024/173309
7. Halder, A.K., Lokho, K., Das, D.S. Ghosh, B. and **Maity, D.** 2024. Addition of two *Gentiana* to the flora of Manipur. *Nelumbo* 66 (1). DOI: 00.20xxx/nelumbo/v66/2024/173310
8. Sengupta, S., Agrawala, D.K., Bhattacharjee, A. and **Maity, D.** 2024. Notes on the exclusion of *Ascocentrum semiteretifolium* Seidenf. (Orchidaceae) from India and range extension of *Holcoglossum nagalandense* (Phukan & Odyuo) X.H. Jin. *Nelumbo* 66 (1): 72-75. DOI: 10.20324/nelumbo/v66/2024/173346
9. Nayak, S., Agrawala, D.K., Odyuo, N. and **Maity, D.** 2024. *Bulbophyllum colomaculosum* Z.H. Tsi & S.C. Chen (Orchidaceae) – an addition to the Orchid Flora of India with notes on its relationship with *Bulbophyllum leopardinum* (Wall.) Lindl. and its red list assessment as per IUCN guidelines. *Nelumbo* 66 (1): 96–103. DOI: 10.20324/nelumbo/v66/2024/173284.
10. Nayak, S., Agrawala, D.K., and **Maity, D.** 2024. Notes on the exclusion of *Bulbophyllum cupreum* from Orchid Flora of India. *Nelumbo* 66 (1):99–102. DOI: 10.20324/nelumbo/v66/2024/173352
11. **Maity D.** 2024. The story of a tree from Eastern Himalaya that was felled from the standpoint of its biodiversity carrying capacity and function in epiphytic species conservation. *J. Econ. Taxon. Bot.* 48 (2):72–77. DOI: <https://doi.org/10.61080/JETB/V48/i2/2024/72-77>
12. Islam, T., Khuroo, A.A., **Maity, D.** and Nawchoo, I.A. 2024. *Swertia patnitopiansis*, a new synonym of *S. cordata* (Gentianaceae). *Phytotaxa* 664 (2): 132–138. DOI: <https://doi.org/10.11646/phytotaxa.664.2.5>
13. Midday, M., Ghosh, J. and **Maity, D.** 2024. Occurrence of *Pedicularis alaschanica* Maxim. (Orobanchaceae) in India. *Pleione* 18(2): 246-248. DOI:10.26679/Pleione.18.2.2024.246-248.
14. Das, D., Das, A., Saha, S., **Maity, D.** and Datta, B.K. 2024. *Croton hirtus* L’Hér.: an addition to the flora of Northeast India. *Vegetos.* DOI:<https://doi.org/10.1007/s42535->

15. Halder, A.K., Das, D.S., Naskar, S., Jha, B. K. and **Maity, D.** 2024. *Gentiana tubiflora* (Wall. ex G.Don) Griseb.: Observation on flower colour variation from Sikkim Himalaya. *Science of Eastern Himalaya Journal* 4(1):1-7.
16. Saha, S., Ghosh, J., Midday, M., Halder, A.K., Mandal, M. and **Maity, D.** 2024. Addition of *Poa calliopsis* (Poaceae: Pooideae: Poeae) to the Flora of Eastern Himalaya (India). *Rheedea* 34(2) :142–148.
DOI : <https://dx.doi.org/10.22244/rheedea.2024.34.02.08>
17. Banerjee, A., Dwivedi, M.D., **Maity, D.** and Pandey, A. K. 2024. Systematic position of *Rivina humilis* var. *humilis*, *R. humilis* var. *bracteata* and *R. bengalensis* based on nrDNA ITS and cpDNA *rbcL* & *trnH-psbA* sequence data. *Phytotaxa* 660 (1): 035–045. DOI: <https://doi.org/10.11646/phytotaxa.660.1.3>
18. Saha, S., Banerjee, A., Dwivedi, M., Pradhan, D.K. and **Maity, D.** 2024. Novelty in *Arundinella* (Arundinelleae, Panicoideae, Poaceae): Morphological and Molecular Evidences for a New Species from Sikkim Himalaya. *Phytotaxa* 647 (3): 274–286. DOI: <https://doi.org/10.11646/phytotaxa.647.3.4>
19. Saha, S., Mandal, M., Sensarma, S., Bhattacharyya, S., Pradhan, D.K. and **Maity, D.** 2024. A taxonomic revision of *Axonopus* P. Beauv. (Poaceae:Panicoideae) in India. *Bangladesh J. Plant Taxon.* 31(1): 57-71. DOI: <https://doi.org/10.3329/bjpt.v29i2.74389>
20. Das Das, Moumita, Pramanik, A. and **Maity, D.** 2024. Rediscovery, extended distribution and lectotypification of *Memecylon angustifolium* var. *helferi* (Melastomataceae), a critically endangered Indo-Burmese taxon. *J. Botan. Soc. Bengal* 78(1): 56-61.
21. Das, D.S., Singh, D. and **Maity, D.** 2024. *Gentianella glanduligera* Airy Shaw: a new record for Himachal Pradesh, India. *J. Botan. Soc. Bengal* 78(1): 103-106.
22. Sarkar, S., Agrawala, D.K., **Maity, D.** and Khanal, M. 2024. Notes on the Correct Identity of *Ceratostylis siamensis* (Epidendroideae: Podochileae) from India. *Lankesteriana* 24(2): 123–129. DOI: <http://dx.doi.org/10.15517/lank.v24i2.55730>
23. **Maity, D.** 2024. *Osbeckia arunkumarensis* M.P.Nayar & G.S.Giri should be *Osbeckia arunkumariana* M.P.Nayar & G.S.Giri (Melastomataceae). *Pleione* 18(1):113-114. DOI: 10.26679/Pleione.18.1.2024.113-114
24. Yan, L.-J., Fan, P.-Z., Wambulwa, M.C., Qi, H.-L., Chen, Y., Wu, Z.-Y., Milne, R. I., Khan, R., Luo, Y.-H., Gao, L.-M., Shen, S.-K., Rashid, I., Khan, S. M., **Maity, D.**, Li, D.-Z., & Liu, J. 2024. Human-associated genetic landscape of walnuts in the Himalaya: implications for conservation and utilization. *Diversity and Distributions*, 00,1–15. DOI: <https://doi.org/10.1111/ddi.13809>
25. Alia, L.; Khurooa, A.A.; Ganieb, A.H. and **Maity, D.** 2024. *Artemisia neosinensis* B.H. Jiao and T.G. Gao (Asteraceae), a New Addition to Flora of India from Jammu and Kashmir. *Biology Bulletin*. DOI: 10.1134/S1062359023605566
26. **Maity, D.**, Midday, M. and Ghosh, J. 2023. *Oxytropis teestae* (Fabaceae), a new species from Sikkim Himalaya. *J. Jap. Bot.* 98 (5): 233–239. DOI: <https://doi.org/10.51033/jjapbot.ID0143>
27. Rahaman, T., Biswas, S., Ghorai, S., Bera, S., Dey, S., Guha, S., **Maity, D.**, De, S., Ganguly,

- J. and Das, M. 2023. Integrated application of morphological, anatomical, biochemical and physico-chemical methods to identify superior, lignocellulosic grass feedstocks for bioenergy purposes. *Renewable and Sustainable Energy Reviews*. DOI: <https://doi.org/10.1016/j.rser.2023.113738>
28. Das, D.S., Singh, D. and **Maity, D.** 2023. Woody species diversity pattern along an elevation gradient of Sainj Wildlife Sanctuary, Western Himalaya, India. *Vegetos*. DOI: <https://doi.org/10.1007/s42535-023-00686-2>.
 29. Halder, A.K., Lokho, K. and **Maity, D.** 2023. Extended Distribution of *Gentiana decemfida* (Gentianaceae) in India. *Jour. Econ. Taxon. Bot.* 47(3):124-127. DOI: <https://doi.org/10.61080/JETB/V47/i3/2023/124-127>
 30. Lokho, K., Halder, A.K., Agrawala, D.K., Bhattacharjee, A. and **Maity, D.** 2023. New distributional record of *Herpysma longicaulis* (Orchidaceae) from Manipur, India. *Nelumbo* 65 (1): 204–206. DOI: 10.20324/nelumbo/v65/2023/173058.
 31. Pradhan, D. K. and **Maity, D.** 2023. Lectotypification of *Goodyera dongchenii* (Orchidaceae). *Richardiana* 7:140-143.
 32. Middy, M., Ghosh, J., Das, D.S. and **Maity, D.** 2023. The occurrence of *Gentianella pygmaea* (Regel & Schmalh.) Harry Sm. ex S.Nilsson in the Eastern Himalaya (India). *Pleione* 17(2): 227 – 231. DOI:10.26679/Pleione.17.2.2023.227-231
 33. Halder, A.K., Arisdason, W. and **Maity, D.** 2023. A review on the typification of *Gentiana phyllocalyx* C.B. Clarke (Gentianaceae). *Pleione* 17(2): 211-214. doi:10.26679/Pleione.17.2.2023.211-214.
 34. Lokho, K., Narasimhan, D. and **Maity, D.** 2023. Exploring the medicinal potential of alien plants: a case study of the Mao-Naga community in Manipur, India. *Explor. Anim. Med. Res.* 13(Ethnomed. Spl.):78-84. DOI: 10.52635/eamr/12(S)78-84
 35. Saha, S., Halder, A.K., Ghosh, J., Middy, M., Mandal, M. and **Maity, D.** 2023. *Lolium multiflorum* (Poaceae: Pooideae): an addition to the flora of Sikkim. *J. Econ. Taxon. Bot.* 47(2):45-48.
 36. Sarkar, S., Agrawala, D.K., Chakraborty, S., **Maity, D.** and Odyuo, N. 2023. *Tainia epiphytica* sp. nov. (Orchidaceae), a new species from North East India. *Phytotaxa* 578 (2): 180–188. DOI: <https://doi.org/10.11646/phytotaxa.578.2.4>
 37. Li, P.-W, Smith, J.F., **Maity, D.**, Shi, Xi-Z. and Yang, L.-H. 2022. Reassessment of *Chirita umbrophila* (Gesneriaceae) Based on Molecular and Morphological Evidence. *Systematic Botany* 47(2): 514–524. DOI 10.1600/036364422X16512572275016
 38. Banerjee, A., Dwivedi, M.D., Kasana, S., Singh P., Kumar V., **Maity, D.** and Pandey, A. K. 2022. Phylogenetic relationships in Indian *Daphne* (Thymelaeaceae) based on nuclear ITS and cpDNA data. *Biologia*. DOI: 10.1007/s11756-022-01125-4
 39. Magige, E.A., Fan, P.-Z., Wambulwa, M.C., Milne, R., Wu, Z.-Y., Luo, Y.-H., Khan, R., Wu, H.-Y., Qi, H.-L., Zhu, G.-F., **Maity, D.**, Khan, I., Gao, L-M and Liu, J. 2022. Genetic Diversity and Structure of Persian Walnut (*Juglans regia* L.) in Pakistan: Implications for Conservation. *Plants* 2022, 11, 1652. <https://doi.org/10.3390/plants11131652>
 40. Halder, A.K., Ghosh, J., Arisdason, W. and **Maity, D.** 2022a. A review on the typification of names in *Gentiana* L. (Gentianaceae): Part I. *J. Botan. Soc. Bengal* 76(2) : 78-83.

41. Halder, A.K., Ghosh, J., Arisdason, W. and **Maity, D.** 2022b. A review on the typification of names in *Gentiana* L. (Gentianaceae): Part II. *Pleione* 16(3): 338–344. DOI:10.26679/Pleione.16.3.2022.337-344
42. Sengupta, S., Agrawala, D.K., Bhattacharjee, A., Deori, C., **Maity, D.** and Choudhury, S. 2022. Notes on the correct identity of *Phalaenopsis arunachalensis* (Orchidaceae). *Nelumbo* 64 (2): 177-180. DOI: 10.20324/nelumbo/v64/2022/172161
43. Nayak, S., Agrawala, D.K., Jala, J. S., **Maity, D.** and Choudhury, S. 2022. Exclusion of two *Bulbophyllum* species from Orchid Flora of India. *Nelumbo* 64 (2): 192-198. DOI: 10.20324/nelumbo/v64/2022/172589
44. Sarkar, S., Agrawala D.K., Chakraborty, S., **Maity, D.** and Choudhury, S. 2022. Two new additions to the Orchid Flora of Mizoram, India. *Nelumbo* 64 (2): 255-258. DOI: 10.20324/nelumbo/v64/2022/172594
45. Mandal, M., Ghosh, J., Midday, M., Saha, S., Haldar, A.K. and **Maity, D.** 2022. Addition of *Senna didymobotrya* (Fresen.) H.S.Irwin & Barneby to the flora of Sikkim. *J. Bot. Soc. Bengal* 76(2): 57-61.
46. Ghosh, J., Das, D.S., Midday, M., Saha, S., Haldar, A.K., Naskar, S., Pradhan, D.K. and **Maity, D.** 2022. The status of endemic angiosperms of Sikkim (India). *Pleione* 16(3): 271 - 277. DOI:10.26679/Pleione.16.3.2022.271-277
47. Barman, A., Saha, S. and **Maity, D.** 2022. *Eragrostis papposa* (Poaceae: Eragrostideae): an addition to the grass flora of eastern India. *Nelumbo* 64 (2): 199-202. DOI: 10.20324/nelumbo/v64/2022/172402
48. Banerjee, D., Hoque, A., Siddhanta, S., Ghosh, B. and **Maity, D.** 2022. Morphology and morphometric diversity of pollen grains of 26 Indian species of *Dioscorea* L. (Dioscoreaceae). *Nelumbo* 64 (2): 32-56. DOI: 10.20324/nelumbo/v64/2022/172403
49. **Maity, D.** 2022. Addition of *Melanoseris qinghaica* (Asteraceae: Cichorieae) to the flora of India. *Rheedeia* 32(3): 209-214. DOI: <https://dx.doi.org/10.22244/rheedeia.2022.32.03.06>.
50. Ghosh, J., Midday, M., Das, D.S. and **Maity, D.** 2022. Analysis of High Himalayan *Astragalus* (Leguminosae) with Minute Calyx Lobes: New Synonyms of *A. minutidentatus*. *J. Jpn. Bot.* 97(2): 77–86.
51. **Maity, D.** 2021. Historic collections at Calcutta University Herbarium (CUH)– the treasure house not explored before. *J. Econ. Taxon. Bot.* 45(1-4):135-147.
52. **Maity, D.** 2021. Rediscovery of *Pedicularis globifera* (Orobanchaceae) in India after 110 years. *J. Jpn. Bot.* 96(5): 304–307.
53. **Maity, D.** 2021. Notes on the typification of the name *Pedicularis globifera* Hook.f. *Pleione* 15(3): 458 - 462. DOI:10.26679/Pleione.15.3.2021.458-462
54. Saha, P., Aziz, N. and **Maity, D.** 2021. On the types of names in the narrow endemic *Barbella angustifolia* group. *J. Bot. Soc. Bengal* 75(2):133-137.
55. Midday, M., Ghosh, J., and **Maity, D.** 2021. Rediscovery of Sikkim Himalayan endemic *Primula munroi* subsp. *schizocalyx* (Primulaceae) after a century. *Pleione* 15(3): 470 - 475. DOI:10.26679/Pleione.15.3.2021.470-475
56. Hoque, A., Lakshminarasimhan, P., Bandyopadhyay, S. and **Maity, D.** 2021. Typification of

nine names of Asian species and varieties of *Dioscorea* (Dioscoreaceae). *Feddes Repertorium*. DOI: <https://doi.org/10.1002/fedr.202000043>.

57. Hoque, A., Lakshminarasimhan, P. and **Maity, D.** 2021. Lectotypification of Lectotypification of *Dioscorea japonica* Thunb. var. *nagarum* Prain & Burkill (Dioscoreaceae). *Pleione* 15(2): 265-267. doi:10.26679/Pleione.15.2.2021.265-267.
58. Midday, M., Ghosh, J. and **Maity, D.** 2021. Rediscovery of *Hedysarum tibeticum* (Benth.) B.H. Choi & H.Ohashi (Fabaceae s.l.) in Indian Eastern Himalaya after a century. *Pleione* 15(2): 269 - 272. doi:10.26679/Pleione.15.2.2021.269-272
59. Ghosh, J., Midday, M. and **Maity, D.** 2021. The genus *Thesium* L. (Santalaceae) in India: Addition of *Thesium jarmilae* Hendrych to the flora of India. *Feddes Repertorium*. DOI: <https://doi.org/10.1002/fedr.202100016>.
60. Midday, M., Ghosh, J., and **Maity, D.** 2021. Taxonomic circumscription, new synonym and lectotypification of *Saxifraga umbellulata* (Saxifragaceae). *Phytotaxa* 480 (1): 097–102. DOI: <https://doi.org/10.11646/phytotaxa.480.1.11>.
61. Midday, M., Ghosh, J. and **Maity, D.** 2021. Recircumscription of *Gagea noltiei* Peruzzi, J.-M. Tison, A. Peterson & J. Peterson (Liliaceae). *Pleione* 15(1): 61–68.
62. Das, D.S., Dash, S.S., **Maity, D.** and Rawat, D.S. 2021. Population structure and regeneration status of tree species in old growth *Abies pindrow* dominant forest: A case study from western Himalaya, India. *Trees, Forests and People* 5(2021) 100101. <https://doi.org/10.1016/j.tfp.2021.100101>.
63. Pradhan, D. K. and **Maity, D.** 2021. Plants of Sikkim Himalaya used in Tibetan medicine. *Pleione* 15(1): 23-31. DOI:10.26679/Pleione.15.1.2021.023-031
64. Shalini, S., Lakshminarasimhan, P., Arisdason, W. and **Maity, D.** 2021. Lectotypification of two names in the genus *Argyreia* (Convolvulaceae). *J. Jpn. Bot.* 96(2):111-114.
65. **Maity, D.** 2020. Notes on the typification of *Hemigymnia macleodii* Griff. (Boraginaceae). *Pleione* 14(2):343-346. DOI: <https://doi.org/10.26679/Pleione.14.2.2020.337-340>.
66. Das, D.S., Rawat, D.S., **Maity, D.**, Dash, S.S. and Sinha, B.K. 2020. Species richness patterns of different life-forms along altitudinal gradients in the Great Himalayan National Park, Western Himalaya, India. *Taiwania* 65(2): 154–162. DOI: 10.6165/tai.2020.65.154.
67. Saha, P., Aziz, N. and **Maity, D.** 2020. Three species of *Brotherella* (Bryopsida: Sematophyllaceae) newly added to the moss flora of West Bengal, India. *J. Econ. Taxon. Bot.* 44(1-4):51-57.
68. Ghosh, J., Midday, M., Mandal, M. and **Maity, D.** 2020. Addition of *Tradescantia fluminensis* Vell. (Commelinaceae) to the flora of Sikkim. *Pleione* 14(2):367-369. DOI: <https://doi.org/10.26679/Pleione.14.2.2020.367-369>.
69. Midday, M., Ghosh, J., Pradhan, D. K. and **Maity, D.** 2020. Folk-medicinal uses of *Allium sikkimense* Baker (Alliaceae) in Sikkim Himalaya. *Explor. Anim. Med. Res.* 10(2):217-220.

70. Shalini, S., Sujana, K.A., Arisdason, W. and **Maity, D.** 2020. A new species of *Argyreia* (Convolvulaceae) from the southern Western Ghats, Tamil Nadu, India. *Rheedea* 30(4): 444-449. DOI:<https://dx.doi.org/10.22244/rheedea.2020.30.4.03>.
71. Ellis, L. T., O. M. Afonina, I. V. Czernyadjeva, L. A. Konoreva, A. D. Potemkin, V. M. Kotkova, M. Alataş, H. H. Blom, M. Boiko, R. A. Cabral, S. Jimenez, D. Dagnino, C. Turcato, L. Minuto, P. Erzberger, T. Ezer, O. V. Galanina, N. Hodgetts, M. S. Ignatov, E. A. Ignatova, S. G. Kazanovsky, T. Kiebacher, H. Köckinger, E. O. Korolkova, J. Larraín, A. I. Maksimov, **D. Maity**, A. Martins, M. Sim-Sim, F. Monteiro, L. Catarino, R. Medina, M. Nobis, A. Nowak, R. Ochya, I. Parnikoza, V. Ivanets, V. Plášek, M. Philippe, P. Saha, Md. N. Aziz, A. V. Shkurko, S. Ştefănuţ, G. M. Suárez, A. Uygur, K. Erkul, M. Wierzgoń & A. Graulich 2020. New national and regional bryophyte records, 63, *Journal of Bryology*, DOI: 10.1080/03736687.2020.1750930.
72. Das Das, M., Pramanik, A. and **Maity, D.** 2020. Notes relating to the Indian Memecylaceae DC.: new combinations and new synonyms. *J. Botan. Soc. Bengal* 74(2): 40-46.
73. Saha, P., Aziz, N. and **Maity, D.** 2020. Addition of two species of Sematophyllaceae to the moss flora of West Bengal. Ghosh, J., Midday, M. and **Maity, D.** 2019. Saha, P., Aziz, N. and **Maity, D.** 2020. New records of mosses from West Bengal, India. *Journal of Bryology* (in press).
74. Saha, P., Aziz, N. and **Maity, D.** 2020. Addition of two species of *Rhynchotegium* B.S.G. (Bryophyta, Musci) to the moss flora of West Bengal. *J. Bombay Nat. His. Soc.* (in press).
75. **Maity, D.**, Midday, M. and Ghosh, J. 2019. Circumscription of *Gentiana harwanensis* (Gentianaceae) and its addition to the flora of Eastern Himalaya. *Rheedea* 29(4): 323–327.
76. Mandal, M. and **Maity, D.** 2019. Taxonomy of *Draparnaldia* Bory and *Draparnaldiopsis* G.M. Sm. and Klyver (Chaetophoraceae): recircumscription, new species, new combinations and *nomen novum*. *Feddes Repertorium*. DOI: 10.1002/fedr.201800027.
77. **Maity, D.**, Mandal, M. and L. Jie 2019. Where does *Juglans regia* L. (Juglandaceae) grow in Sikkim and Darjeeling Himalaya? *Juglans sigillata* Dode needs attention! *Pleione* 13(2): 393 - 398. doi:10.26679/Pleione.13.2.2019.393-398.
78. **Maity, D.** and Moktan, S. 2019. Japanese cedar (*Cryptomeria japonica* D. Don, Taxodiaceae) flowers in Arun Kumar Sharma Botanic Garden (AKSBG) at Kolkata, West Bengal, India. *Pleione* 13(2): 385–388. doi:10.26679/Pleione.13.2.2019.385-388.
79. Maity, D., Ghosh, J., Pradhan, N., Mukherjee, S. K. and Maiti, G. G. 2019. Enumeration of Orchids of Sikkim. *Pleione* 13(2):355- 384. doi:10.26679/Pleione.13.2.2019.355-384
80. Mitra, S., Ranjan, B. and **Maity, D.** 2019. *Castanopsis pathakii* (Fagaceae), a new species from Arunachal Pradesh, India. *Kew Bulletin* (2019) 74:33, DOI: 10.1007/S12225-019-9822-5.

81. Das, D. S., Rawat, D.S., Sinha, B.K., Singh, P., **Maity, D.** and Dash S.S. 2019. Contribution of the flora of Great Himalayan National Park, Himachal Pradesh, Western Himalaya-II. *Nelumbo* 60(1):26-37. "2018". DOI: 10.20324/nelumbo/v60/2018/130525.
82. Midday, M., Ghosh, J. and **Maity, D.** 2019. *Lomatogonium gaurgopalii*, a new species of Gentianaceae from Sikkim Himalaya. *Edinburgh J. Bot.* DOI: 10.1017/S0960428619000155.
83. Ghosh, J., Midday, M. and **Maity, D.** 2019. *Sinopodophyllum hexandrum* subsp. *ramgopalii* subsp. nov. (Berberidaceae) from Sikkim Himalaya. *Nordic J. Bot.* DOI: 10.1111/njb.02181.
84. Hoque, A., Lakshminarasimhan, P. and **Maity, D.** 2019. Notes on four new synonyms of the genus *Dioscorea* Plum. ex L. *Pleione* 13(1): 146 - 157. DOI: 10.26679/Pleione.13.1.2019.146-157.
85. **Maity, D.**, Ghosh, J., Midday, M., Naskar, S. and Mandal, M. 2019. Notes on the occurrence of *Mimulus orbicularis* Wall. ex Benth. (Phrymaceae) in India. *J. Botan. Soc. Bengal* 73(1): 69-73.
86. Mitra, S., Ranjan, B. and **Maity, D.** 2019. Pollen heteromorphism in *Diplarche* Hook. f. & Thomson (Ericaceae) and its taxonomic significance. *Taiwania* 64(1): 90-96. DOI: 10.6165/tai.2019.64.
87. Das, D.S., Singh Rawat, D.S., Sinha, B.K., Dash, S.S. and **Maity, D.** 2019. *Sabia campanulata* Wall. subsp. *ritchiae* (Rehder & E.H. Wilson) Y.F. Wu (Sabiaceae): An addition to the flora of India. *Nation. Acad. Sc. Let.* (DOI: 10.1007/s40009-019-00791-4).
88. Hoque, A., Lakshminarasimhan, P. and **Maity, D.** 2018. *Dioscorea longipedicellata* (Dioscoreaceae), a new species from Indian subcontinent. *Phytotaxa* 367 (2): 173–178.
89. **Maity, D.**, Dey, S. K., Ghosh, J. and Midday, M. 2018. *Gentiana arunii* sp. nov.– tiny remarkable *Gentiana* from Sikkim Himalaya. *Edinburgh J. Bot.* 75 (1): 117–125. <https://doi.org/10.1017/S0960428617000373>.
90. Shalini, S., Lakshminarasimhan, P. and **Maity, D.** 2018. Taxonomy, distribution and lectotypification of *Argyreia longifolia* (Convolvulaceae), a poorly known Burmese species from Northeast India. *Rheedea* 28(2):78-83.
91. Shalini, S., Lakshminarasimhan, P. and **Maity, D.** 2018. *Argyreia lawii* (Convolvulaceae), an addition to the flora of Tamil Nadu. *Indian Journal of Forestry* 41(3):265-268.
92. Siddhanta, S., Bera. S. and **Maity, D.** 2018. Pollen morphology of some species of *Buddleja* L. (Buddlejaceae) from North–east India and its taxonomic significance. *Pleione* 12(2): 223 - 230.
93. Hoque, A., Lakshminarasimhan, P. and **Maity, D.** 2018. Lectotypification of thirteen

names in Dioscoreaceae R.Br. *Pleione* 12(2): 299–308.

94. **Maity, D.** 2018. Type specimens of names in angiosperms at Calcutta University Herbarium (CUH) – II. *Nelumbo* 60 (1):44-50.
95. Mandal, M. and **Maity, D.** 2018. *Bulbochaete thanguensis* (Oedogoniaceae), a new species from Sikkim Himalaya, India. *Phytotaxa* 346 (3): 280–286.
96. Singh, V.K. and **Maity, D.** 2018. Morpho-plasticity in *Rhododendron lepidotum* Wall. ex G. Don (Ericaceae) along altitudinal gradients and comments on the names used under the species complex. *Pleione* 12(1): 66-80.
97. **Maity, D.** and Dey, S. K. 2018. Rediscovery of *Melanoseris bracteata* (Hook. f. & Thomson ex C.B. Clarke) N. Kilian (Asteraceae) in India with its nomenclatural notes and lectotypification of its basionym. *Pleione* 12(1): 59–65.
98. Siddhanta, S., Bera, S. and **Maity, D.** 2018. A note on a new pollen aperture in *Capsella bursapastoris* (L.) Medik. from Sikkim Himalaya. *Palynology* 42(4):571-573, DOI:10.1080/01916122.2018.1463572.
99. Ghosh, J., Midday, M., Dey, S. K. and **Maity, D.** 2018. *Daphne thanguensis* sp. nova (Thymelaeaceae) from Sikkim Himalaya. *Nordic Journal of Botany*. DOI-10.1111/njb.01714.
100. Das Das, Moumita, Pramanik, A. and **Maity, D.** 2018. Nomenclatural notes on some Indian species of *Memecylon*. *Ann. Bot. Fennici* 55:149-154.
101. Das Das, Moumita, Giri, G. S., Pramanik, A. and **Maity, D.** 2018. Taxonomic status of *Memecylon petiolatum* (Melastomataceae) and its extension of distribution to India. *Feddes Repertorium* 129:51–57.
102. Bhadra, S., **Maity, D.** and Bandyopadhyay, M. 2018. Correlating karyomorphology and molecular marker analyses in turmeric: a case study. *Journal of Crop Improvement* 32(5):657-680. DOI: 10.1080/15427528.2018.1487354.
103. Hoque, A., Lakshminarasimhan, P. and **Maity, D.** 2017. *Dioscorea polystachya* (Dioscoreaceae): A new record for India. *Rheedea* 27(2):152–155.
104. Saha, Pamela, Aziz, Md. N. and **Maity, D.** 2017. Notes on the Occurrence of *Timmiella* (De Not.) Limpr., in Darjeeling District: A New Generic Record from Eastern Himalaya. *Indian J. For.* 40 (4): 413-418.
105. Midday, M., Ghosh, J., Dey, S. K. and **Maity, D.** 2017. *Rubus franchetianus* H. Lev. var. *franchetianus* (Rosaceae): an addition to the flora of Sikkim. *Pleione* 11(2): 512-515.
106. **Maity, D.** and Dey, S. K. 2017. Notes on the occurrence of *Gentiana karelinii* Griseb. (Gentianaceae) in India. *Pleione* 11(2): 525 - 528.
107. Shalini, S., Lakshminarasimhan, P. and **Maity, D.** 2017. A new combination and lectotypification in *Argyreia* (Convolvulaceae). *Nelumbo* 59(2):145-148.

108. Pattanayak, S. and **Maity, D.** 2017. Use of *Eleusine indica* (L.) Gaertn. (Kechila ghas) as an antipyretic medicine of herbivores. *Explor. Anim. Med. Res.* 7(1): 94–96.
109. **Maity, D.**, Sardar, A. and Dash, S. S. 2017. *Acmella radicans* (Asteraceae), an American weed new to Eastern India. *Nelumbo* 59(1):54–57.
110. Ghosh, J., Midday, M. and **Maity, D.** 2017. *Tussilago farfara* L., a promising ethnomedicinal plant of Sikkim. *Explor. Anim. Med. Res.* 7(1):100–103.
111. Dey, S. K. and **Maity, D.** 2016 Taxonomy and distribution of *Gentiana vernayi* C. Marquand (*Microsperma*– Gentianaceae) in India. *Nordic Journal of Botany*. doi: 10.1111/njb.01417, ISSN 1756-1051.
112. Dey, S. K. and **Maity, D.** 2016. *Lomatogonium cherukurianum* sp. nov. (Gentianaceae) from Sikkim Himalaya. *Nordic Journal of Botany*. 10.1111/njb.01378, ISSN 1756-1051.
113. Dey, S. K. and **Maity, D.** 2016. The rediscovery of *Youngia atripappa* (Babc.) N. Kilian in India after a century; its circumscription and nomenclature, and the lectotypification of *Crepis atripappa* Babc. *Taiwania* 61(4): 362–368.
114. Das Das, Moumita, Giri, G. S., Pramanik, A. and **Maity, D.** 2016. *Memecylon macneillianum* (Melastomataceae), a new species from South Andaman, India. *Telopea* 19: 185–191.
115. Das Das, M., **Maity, D.** and Pramanik, A. 2016. Typification of seven names of Indian Memecylon (Melastomataceae). *Kew Bulletin* 71: 48. doi:10.1007/s12225-016-9659-0.
116. **Maity, D.**, Dey, S. K. and Favre, A. 2016. Two new varieties of *Kuepferia pringlei* (Gentianaceae) from Sikkim Himalaya. *Nordic Journal of Botany* 34: 578–583. doi: 10.1111/njb.01201.
117. **Maity, D.**, Dey, S. K. and Favre, A. 2016. *Kuepferia kanchii* sp. nov. (Gentianaceae) from Sikkim Himalaya. *Nordic Journal of Botany* 34:416–420. doi:10.1111/njb.01050.
118. Das Das, Moumita, Sujana, K. A., Pramanik, A. and **Maity, D.** 2016. A New Variety of *Memecylon lawsonii* Gamble (Memecylaceae DC.) from Kerala, South India and the status of *Memecylon kurichiarensis* Sivu *et al.* *NeBIO* 7(1):1–5.
119. Ellis, L. T., M. Alataş, A. K. Asthana, K. K. Rawat, V. Sahu, A. Srivastava, V. A. Bakalin, N. Batan, H. Bednarek-Ochyra, S. P. Bester, E. A. Borovichev, D. De Beer, J. Enroth, P. Erzberger, V. E. Fedosov, C. Feuillet-Hurtado, S. R. Gradstein, N. J. M. Gremmen, L. Hedenäs, T. Katagiri, T. Yamaguchi, M. Lebouvier, **D. Maity**, A. Mesterházy, F. Müller, R. Natcheva, Cs. Németh, J. Opisso, T. Özdemir, H. Erata, I. Parnikoza, V. Plášek, S. Sabovljević, A. D. Sabovljević, P. Saha, Md Nehal Aziz, W. Schröder, J. Váňa, J. van Rooy, J. Wang, Y.–J. Yoon & J. H. Kim (2016): New national and regional bryophyte records, 47, *Journal of Bryology* **38**(2): 151–167. DOI: 10.1080/03736687.2016.1171453
120. Ellis, L. T., A. K. Asthana, P. Srivastava, I. Omar, K. K. Rawat, V. Sahu, M. J. Cano, D. P.

Costa, E. M. Dias, N. Dias dos Santos, J. B. Silva, V. E. Fedosov, M. N. Kozhin, E. A. Ignatova, S. R. Germano, E. O. Golovina, N. J. M. Gremmen, R. Ion, S. Ștefănuț, M. von Konrat, M. S. Jimenez, G. M. Suárez, T. Kiebacher, M. Lebouvier, D. G. Long, **D. Maity**, R. Ochyra, I. Parnikoza, V. Plášek, L. Fialová, Z. Skoupá, S. Poponessi, M. Aleffi, M. S. Sabovljević, A. D. Sabovljević, P. Saha, M.N. Aziz, J. Sawicki, M. Suleiman, B.-Y. Sun, J. Váňa, T. Wójcik, Y.-J. Yoon, J. Żarnowiec & J. Larraín 2016. New national and regional bryophyte records, 46, *Journal of Bryology* 38(1):47–63. DOI: 10.1080/03736687.2015.1123344.

121. Chakraborty, D. and **Maity, D.** 2016. Extension of distribution of *Grewia villosa* Willdenow (Tiliaceae) to Jharkhand, India. *J. Botan. Soc. Bengal* 69(2):171–173.
122. Mitra Sonia, Maiti, G. G. and **Maity, D.** 2015. Nodal and Petiolar Anatomy of 16 Species of Indian Sterculiaceae and their systematic Relevance. *Phytomorphology* 65(1&2):65–74.
123. **Maity, D.** 2015. Typification of *Grewia sapida* Roxburgh ex DC. var. *campbellii* Haines and the status of “*Grewia campbellii* G. Watt” (Tiliaceae). *Pleione* 9(2):507–511.
124. **Maity, D.** and Dey, S. K. 2015. Circumscription of *Diplarche multiflora* J.D. Hooker & T. Thomson and *D. pauciflora* J.D. Hooker & T. Thomson (Ericaceae) with notes on the rediscovery from India. *Pleione* 9(2):495–506.
125. Dey, S. K., **Maity, D.** and Pringle, J. S. 2015. Intraspecific variation in *Gentiana macrauchena* (Gentianaceae), the extension of its known range to India and lectotypification of the name *Gentiana incompta*. *Taiwania* 60(4):208–212.
126. Dey, S. K. and **Maity, D.** 2015. *Kuepferia pringlei* (Gentianaceae), A new species from the Eastern Himalaya. *Edinburgh J. Bot.* 72 (3): 429–436.
127. Dey, S. K. and **Maity, D.** 2015. Rediscovery of *Pseudoyoungia simulatrix* (Cichorieae-Asteraceae) from India and its taxonomic history. *Rheedea* 25(1):31-35.
128. **Maity, D.**, Dey, S.K., Chatterjee, S. and Maiti, G.G. 2015. Ethnobotany and environmental management by the tribal communities of Patratu, Hazaribagh district, Jharkhand. *Explor. Anim. Med. Res.* 5(1): 44-61.
129. **Maity, D.** 2015. A New subspecies of *Cassiope fastigiata* (Wall.) D. Don (Ericaceae) from Sikkim Himalaya. *Feddes Repertorium* 125:72–77. DOI: 10.1002/fedr.201400017.
130. Dey, S. K. and **Maity, D.** 2015. *Gentiana oreodoxa* Harry Smith (Gentianaceae): note on its rarity and occurrence in India. *Pleione* 9(1): 235 – 239.
131. Mitra, Sonia, Maiti, G. G. and **Maity, D.** 2015. Structure and distribution of heteromorphic stomata in *Pterygota alata* (Roxb.) R. Br. (Sterculiaceae). *Adansonia*, sér. 3, 37 (1): 139-147.
132. Das Das, Moumita, **Maity, D.** and Pramanik, A. 2015. Typification of the name *Memecylon talbotianum* Brandis (Melastomataceae). *Phytotaxa* 203 (2):201–212.

133. Guha, M. and **Maity, D.** 2015. Heterochromia iridis - a case study. *Explor. Anim. Med. Res.* 4(2):240–245, “2014”.
134. **Maity, D.**, Zhang, J. W. and Dey, S. K. 2015. New record of *Paris polyphylla* Smith var. *nana* H. Li (Liliaceae) from India. *J. Botan. Soc. Bengal* 68(2):117–118, “2014”.
135. **Maity, D.** 2014. Diversity of Nodal Structure in *Mallotus nudiflorus* (L.) Kulju & Welzen (Euphorbiaceae) - insight into the evolution of “Howard”s Split-Lateral”. *Adansonia sér.* 3, 36 (2):255–264.
136. **Maity, D.** 2014. A new species of *Gentiana* L. (Gentianaceae) from Sikkim Himalaya. *Edinburgh J. Bot.* 71(3).289–296.
137. **Maity, D.** 2014. Notes on the flora of Sikkim I: Remarks, new synonyms and new taxon. *Pleione* 8(2):488–497.
138. Mandal, M., Mitra, S., Maiti, G.G. and **Maity, D.** 2014. A new variety of *Rivina humilis* and the status of *R. bengalensis* (Phytolaccaceae). *Rheedea* 24(2):99–104.
139. Krishna, G., **Maity, D.** and Venu, P. 2014. Three new plant records for the flora of West Bengal, India. *Pleione* 8(1):193-198.
140. Das Das, Moumita, Pramanik, A. and **Maity, D.** 2014. Lectotypification of *Memecylon sisparens* (Memecylaceae). *Rheedea* 24(1):21-22.
141. Sonia Mitra and **Maity, D.** 2014. Taxonomic significance of petiole anatomy of Sterculiaceae species distributed in north-east India-Part I. *Pleione* 8(1):55-67.
142. Mandal, Manasi, Mitra, Sonia and **Maity, D.** 2014: Structure of polymorphic stomata in *Canella winterena* (L.) Geartn. (Canellaceae). *Feddes Repertorium* **123** (4) : 295–303.
143. Mitra, S. and **Maity, D.** 2013. Nodal and petiolar anatomy of Indian *Melochia* Griseb. (Sterculiaceae) and their taxonomic significance. *J. Botan. Soc. Bengal* **67(1)**: 49-54.
144. Pattanayak, S. **Maity, D.**, Mitra, S., Debnath, P. K., Mandal, T. K. and Bandyopadhyay, S. K. 2013. Use of fresh parts of medicinal plants for health and production in livestock – a new concept of farming. *Explor. Anim. Med. Res.* **3(1)** : 7-16.
145. Das Das, M., **Maity, D.** and Pramanik, A. 2013: Lectotypification of *Memecylon flavescens* Gamble (Memecylaceae DC.). *Taiwania* **58(3)**:217-220.
146. **Maity, D.** 2013. A study on ethnomedicinal uses of Yartshagumba, *Cordyceps sinensis* (Berk.) Sacc. (Cordycipitaceae) by the tribal communities of North Sikkim and its conservation. *Explor. Anim. Med. Res.* **3(2)** : 95-101.
147. **Maity, D.** and Dey, S. K. 2013. A new combination under *Himalaiella* Raab-Straube (Cardueae-Compositae). *J. Botan. Soc. Bengal* **67(2)**:149-150.

148. Mandal, M., **D. Maity** and G. G. Maiti 2012: Morpho-anatomical study of *Malva parviflora* L. var. *microcarpa* (Pers.) Loscos, a new record from Eastern India. *J. Botan. Soc. Bengal* **66(1)**:81-84.
149. **Maity, D.** and Maiti, G. G. 2012. The Genus *Youngia* Cassini *sensu* Babcock & Stebbins (Compositae:Cichorieae) in India and its new segregates. *Pleione* **6(1)** : 27-45.
150. **Maity, D.** 2012. Type specimens of names in angiosperms at Calcutta university herbarium (CUH). *Nelumbo* **54** : 265 – 266.
151. Pattanayak, S., Dutta, M. K., Debnath, P. K., Bandyopadhyay, S. K., Saha, B. and **Maity, D.** 2012. A study on ethno-medicinal use of some commonly available plants for wound healing and related activities in three southern districts of West Bengal, India. *Explor. Anim. Med. Res.* **2(2)** : 97-110.
152. **Maity, D.** and G. G. Maiti, 2011 : Ferns and fern allies of Kanchenjunga Biosphere Reserve, Sikkim, India. *Pleione* **5** (1):132-141.
153. Mandal, M., **Maity, D.** and Maiti, G. G. 2011 : A New „morpho-form” of *Jatropha gossypifolia* L. (Euphobiaceae) from West Bengal, India. *J. Botan. Soc. Bengal* **65(1)**: 87-90.
154. **Maity, D.**, 2010: *Cortiella caespitosa* Shan & Sheh (Apiaceae) : a new entrant to India, *J. Bombay Nat. Hist. Soc.* **106** (3): 150-151, “2009”.
155. S. K. Basak, **D. Maity** and G. G. Maiti, 2010 : Bioprospecting of fodder plant resources for domestic animals of Kurseong Hills, Darjeeling, West Bengal, *Pleione* **4(2)**: 294-306.
156. **Maity, D.** and G. G. Maiti, 2010 : Taxonomic delimitation of the genus *Tibetoseris* Sennikov and the **new genus** *Pseudoyoungia* of the Compositae-Cichorieae from Eastern Himalaya, *Compositae Newsletter* **48**: 22-42.
157. Nath A., **D. Maity** and G. G. Maiti, 2010 : Occurrence of the „Twin-leaf *Solanum*” (*Solanum diphyllum* Linnaeus) in North-Eastern India– a new distributional record, *Pleione* **4(2)**: 314-316.
158. **Maity, D.**, 2010 : *Tibetoseris depressa* subsp. *gaurii* D. Maity (Asteraceae), a new subspecies from eastern Himalaya, *Candollea* **65(2)**: 211-216.
159. **Maity, D.**, 2010: Two New Combinations under *Pseudoyoungia* D. Maity and Maiti and *Tibetoseris* Sennikov in Cichorieae-Compositae, *J. Botan. Soc. Bengal* **64(2)**: 179-180.
160. **Maity, D.** and G. G. Maiti, 2009 : Diversity of vascular plants of Kanchenjunga Biosphere Reserve, Sikkim and its conservation, *Ind. For.* **135(10)**:1416-1436.
161. **Maity, D.**, Manasi Mandal and G.G. Maiti 2009: A new subspecies of *Tibetoseris gracilipes* (Hook.f.) Sennikov (Compositae-Cichorieae) from the Himalayas, *J. Bot. Soc. Bengal.* **63(1)**: 61-64.

162. **Maity, D.** and G. G. Maiti, 2009 : *Calathodes polycarpa* Ohwi (Ranunculaceae) : a new record for India, *J. Bombay Nat. Hist. Soc.* 106(1) : 124-125.
163. **Maity, D.,** N. Pradhan, S. K. Mukherjee and G.G. Maiti 2009 : Taxonomic status of *Gymnadenia orchidis* Lindl. var. *pantlingii* Renz (Orchidaceae), *Feddes Repertorium* 120(3-4): 232-235.
164. **Maity, D.** and G. G. Maiti, 2008 : Taxonomy of *Boenninghausenia* Reichenbach ex Meissner (Rutaceae) and its character variation in different phytogeographical regions, *Pleione* 2 (1) : 29-37.
165. **Maity, D.,** S.O. Taha and G.G. Maiti, 2007: Geo-Physical Characterization of Kanchenjunga Biosphere Reserve, Sikkim through GIS and Remote Sensing Techniques for Better Management of the Biodiversity, *Indian For.* 133(1.a) : 94-105.
166. **Maity, D.** and G. G. Maiti, 2007 : Exotic Plants of Sikkim, *Ann. For.* 15 (1) : 81-84.
167. **Maity, D.** and G. G. Maiti, 2007 : *Stebbinsia umbrella* (Franch.) Lip. (Asteraceae) – a new record for India, *J. Bombay Nat. Hist. Soc.* 104(1) : 119-120.
168. **Maity, D.,** N. Pradhan and G. G. Maiti, 2007 : *Myrmechis bakhimensis*, a new species of Orchidaceae from Sikkim, *Acta Phytotax. Sin.* 45(3) : 321-323.
169. Mandal, M., **Maity, D.** and G.G. Maiti, 2007 : Morpho-anatomical study of *Stevia rebaudiana* (Bertoni) Bertoni (Asteraceae). *J. Trop. Med. Plants* 8(2) : 264-267.
170. **Maity, D.** and N.P. Balakrishnan, 2006: Taxonomic status of *Euphorbia sharmae* Bhatt. (Euphorbiaceae), *J. Econ. Taxon. Bot.* 30 (1) : 186-189.
171. **Maity, D.,** S. O. Taha, S. Tambe and G. G. Maiti, 2006 : Barsey Rhododendron Sanctuary - a remote sensing approach, *Indian For.* 132 (8): 971-979.
172. **Maity, D.,** A. Maiti and G.G. Maiti, 2006: Trichome morphology of the members of Melastomaceae of Sikkim Himalaya and its taxonomic value, *J. Econ. Taxon. Bot.* 30(3) : 492-497.
173. **Maity, D.,** A.S. Chauhan and G.G. Maiti, 2006: Studies on the trichomes of some species of *Begonia* L. (Begoniaceae) of Sikkim Himalaya, *J. Econ. Taxon. Bot.* 30(3) : 510-519.
174. **Maity, D.,** N. Pradhan, A. S. Chauhan and G. G. Maiti, 2006 : The variability of lip character of *Ione bicolor* (Lindl.) Lindl. (Orchidaceae), *J. Bombay Nat. Hist. Soc.* 103(1) : 134-136.
175. **Maity, D.** and G. G. Maiti, 2006 : Recollection of the Rare Plant *Cavea tanguensis* (Drumm.) W. W. Smith & J. R. Small (Asteraceae) from Sikkim, *Ann. For.* 14(2) : 288-291.
176. **Maity, D.,** A.S. Chauhan and G.G. Maiti, 2005: *Bulbophyllum reptans* (Lindl.)Lindl.

(Orchidaceae): a critical study, *J. Bombay Nat. Hist. Soc.* 102(3) : 369-371.

177. **Maity, D.**, A.S.Chauhan and G.G. Maiti, 2005: An interesting variant of *Pleione praecox* from Sikkim Himalaya, *The Orchid Review* 113(1264): 212-213.
178. **Maity, D.** and L. Springate, 2005: High Himalayan rhodiolas with translucent leaf margins. *Sedum Society Newsletter* 74 : 95-102.
179. **Maity, D.**, N. Pradhan and A.S. Chauhan, 2005: *Nervilia infundibulifolia* Blatt. & Mc Cann – a new record from Sikkim Himalaya, *J. Bombay Nat. Hist. Soc.* 102(3) : 368- 369.
180. **Maity, D.** and A.S.Chauhan, 2004: A new variety of *Spongiocarpella purpurea* (Li) Yakovlev (Leguminosae) from Sikkim Himalaya, *J. Econ. Taxon. Bot.* 28(1): 71-72.
181. **Maity, D.**, N. Pradhan and A.S. Chauhan, 2004: Folk uses of some medicinal plants from North Sikkim, *Indian J. Traditional Knowledge* 3(1): 66-71.
182. **Maity, D.** and G.G.Maiti, 2003: A taxonomic note on *Craniotome furcata* (Link) Kuntze and its new varieties, *J. Econ. Taxon. Bot.* 27(Suppl.):1238-1244.
183. **Maity, D.**, A.S.Chauhan and G.G.Maiti, 2003: Ethnobotanical notes on some unexploited medicinal plants used by Lepchas and Nepalese communities of North Sikkim, *J. Econ. Taxon. Bot.* 27(2): 325-332.
184. **Maity, D.**, 2003: Taxonomic status of *Osbeckia nutans* Wall. ex C.B.Clarke (Melastomaceae), *J. Econ. Taxon. Bot.* 27(Suppl.):1235-1237.
185. **Maity, D.**, N. Pradhan and G. G. Maiti, 2003 : Traditional uses of some medicinal plants of Sikkim Himalaya, *ECOBIO* 2(1&2) : 46-56.
186. Chauhan, A. S., Neelima Pradhan and **D. Maity**, 2003: Plant Diversity of Kanchendzonga Biosphere Reserve in Sikkim Himalaya. *Himalayan Bios. Res.* 5(1&2):21-31.
187. **Maity, D.**, A. S. Chauhan and G. G. Maiti, 2002: *Cypripedium himalaicum* Rolfe: Current status in Sikkim Himalaya, *J. Orchid Soc. India* 16 (1-2): 13-17.
188. **Maity, D.** and G. G. Maiti, 2001: Two new taxa of *Lactuca* L. from Sikkim Himalaya, *J. Econ. Taxon. Bot.* 25(3): 748-750.

Proceeding chapter:

1. **Maity, D.**, A. Maiti and G.G. Maiti, 2000: Subtropical epiphytic vegetation on three tree species in Sikkim. In Das, A.P. (ed.), *Perspective of Plant Biodiversity*, Bishen Singh Mahendra Pal Singh, Dehra Dun, pp. 93-103.
2. **Maity, D.** and Maiti, G. G. 2018. Description of plants (Angiosperms): a precise approach. In: Maity, D. (ed.), *Taxonomy : Theory and Practice*. Proceedings of the first International Workshop under Taxonomy Training Centre, AICOPTAX,

MoEF&CC, Govt. of India. Department of Botany, University of Calcutta. Ruby Das, Hooghly. pp. 17-24. ISBN: 978-81-922797-8-7.

3. **Maity, D.** 2018. Importance of herbarium: The fate of the name *Grewia campbellii* G. Watt and typification of name *G. sapida* var. *campbellii* Haines (Tiliaceae) from CUH. *In: Maity, D. (ed.), Taxonomy : Theory and Practice.* Proceedings of the first International Workshop under Taxonomy Training Centre, AICOPTAX, MoEF&CC, Govt. of India. Department of Botany, University of Calcutta. Ruby Das, Hooghly. pp. 119-124. ISBN: 978-81-922797-8-7.
4. Arisdason, W., Nandikar, M. D., Lakshminarasimhan, P, **Maity, D.** and Bandyopadhyay, S. 2018. Important websites for conducting research in plant taxonomy. *In: Maity, D. (ed.), Taxonomy : Theory and Practice.* Proceedings of the first International Workshop under Taxonomy Training Centre, AICOPTAX, MoEF&CC, Govt. of India. Department of Botany, University of Calcutta. Ruby Das, Hooghly. pp. 170-179. ISBN: 978-81-922797-8-7.
5. Arisdason, W. and **Maity, D.** 2020. Mangroves of India: distribution, diversity of plants, status, threats and conservation strategies. *In: Maity, D. (ed.) 2020. Plant Systematics and Ethnobotany : Methods and Practices.* Proceedings of the 3rd & 4th National Workshops under Taxonomy Training Centre, AICOPTAX, MoEF&CC, GoI., Dept. of Botany, University of Calcutta. UBI, Uluberia. pp. 22-44. ISBN: 978-81-946258-2-7.
6. Mandal, M. and **Maity, D.** 2020. Further observation on *Draparnaldia* Bory, comments on the names *Draparnaldia indica* J. P. Sinha & Noor and *Draparnaldia Indica* (Bharadwaja) Manasi Mandal & D. Maity. *In: Maity, D. (ed.) 2020. Plant Systematics and Ethnobotany : Methods and Practices.* Proceedings of the 3rd & 4th National Workshops under Taxonomy Training Centre, AICOPTAX, MoEF&CC, GoI., Dept. of Botany, University of Calcutta. UBI, Uluberia. pp. 125-130. ISBN: 978-81-946258-2-7.
7. Mukherjee, S. K., **Maity, D.**, Midday, M. and Maiti, G. G. 2020. Classification of Compositae associated with some micromorphological characters of cypselas used for updating the classification. *In: Maity, D. (ed.) 2020. Plant Systematics and Ethnobotany: Methods and Practices.* Proceedings of the 3rd & 4th National Workshops under Taxonomy Training Centre, AICOPTAX, MoEF&CC, GoI., Dept. of Botany, University of Calcutta. UBI, Uluberia. pp. 276-307. ISBN: 978-81-946258-2-7.
8. **Maity, D.** 2020. Novelties from Sikkim Himalayas. *In: Pradhan, D. K. (ed.), Natural Resources of Eastern Himalaya.* UBI, Uluberia, West Bengal & QCL, Govt. of Sikkim. pp. 9-23. ISBN: 978-81-946258-0-3.

Book chapter:

1. Ghosh, J. & **Maity, D.** 2023. Acanthaceae. *In: Maity, D. & Maiti, G.G. (Eds.), Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key).* Bishen Singh Mahendra Pal Singh. ISBN 978-93-94991-25-5. pp.9-20.

2. **Maity, D.** 2023. Actinidiaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh. ISBN 978-93-94991-25-5. pp.23-24.
3. Ghosh, J., **Maity, D.** & Maiti, G.G. 2024. Apiaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
4. **Maity, D.**, Das, M.D. & Maiti, G.G. 2024. Apocynaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
5. **Maity, D.** & Maiti, G.G. 2024. Aquifoliaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
6. **Maity, D.** 2024. Araliaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
7. **Maity, D.** 2024. Aristolochiaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
8. **Maity, D.** 2024. Asclepiadaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
9. Das, D.S., Ghosh, J., **Maity, D.** & Maiti, G.G. 2024. Asteraceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
10. **Maity, D.** 2024. Balanophoraceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
11. **Maity, D.** 2024. Begoniaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
12. **Maity, D.** 2024. Berberidaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
13. **Maity, D.** 2024. Boraginaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
14. **Maity, D.** & Ghosh, J. 2024. Callitrichaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
15. Middy, M., **Maity, D.** & Saha, S. 2024. Capparaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
16. **Maity, D.** 2024. Caryophyllaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
17. **Maity, D.** 2024. Circaeasteraceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.

18. Middy, M. & **Maity, D.** 2024. Clusiaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
19. Ghosh, J., **Maity, D.** & Maiti, G.G. 2024. Crassulaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
20. **Maity, D.** 2024. Daphniphyllaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
21. Das, D.S., Banerjee, A. & **Maity, D.** 2024. Elaeocarpaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
22. **Maity, D.** 2024. Ericaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
23. **Maity, D.** & Maiti, G.G. 2024. Euphorbiaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
24. Das, D.S. & **Maity, D.** 2024. Fagaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
25. **Maity, D.** & Saha, S. 2024. Gentianaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
26. Ghosh, J. & **Maity, D.** 2024. Gesneriaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
27. Saha, S. & **Maity, D.** 2024. Lythraceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
28. Saha, S. & **Maity, D.** 2024. Magnoliaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
29. Saha, S. & **Maity, D.** 2024. Malpighiaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
30. **Maity, D.** & Maiti, G.G. 2024. Melastomataceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
31. Saha, S. & **Maity, D.** 2024. Meliaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
32. Saha, S. & **Maity, D.** 2024. Monotropaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
33. Das, D.S., **Maity, D.** & Maiti, G.G. 2024. Ranunculaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.

34. Ghosh, J., Midday, M. & **Maity, D.** 2024. Santalaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
35. Naskar, S., Ghosh, J. & **Maity, D.** 2024. Sapindaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
36. Saha, S. & **Maity, D.** 2024. Schisandraceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
37. Ghosh, J., Midday, M. & **Maity, D.** 2024. Thymelaeaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
38. Saha, S. & **Maity, D.** 2024. Acoraceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
39. Saha, S. & **Maity, D.** 2024. Alismataceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
40. Saha, S. & **Maity, D.** 2024. Amaryllidaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
41. Saha, S. & **Maity, D.** 2024. Araceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
42. Saha, S. & **Maity, D.** 2024. Colchicaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
43. Saha, S. & **Maity, D.** 2024. Costaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
44. Saha, S., **Maity, D.** & Maiti, G.G. 2024. Cyperaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
45. Hoque, A. & **Maity, D.** 2024. Dioscoreaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
46. Saha, S. & **Maity, D.** 2024. Iridaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
47. Saha, S. & **Maity, D.** 2024. Juncaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
48. Saha, S. & **Maity, D.** 2024. Liliaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
49. Saha, S. & **Maity, D.** 2024. Musaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
50. Pradhan, N., Ghosh, J., **Maity, D.**, Chauhan, A.S., Mukherjee, S.K. & Maiti, G.G. 2024.

- Orchidaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
51. Saha, S. & **Maity, D.** 2024. Poaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
 52. Saha, S. & **Maity, D.** 2024. Potamogetonaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
 53. Saha, S. & **Maity, D.** 2024. Zingiberaceae. In: Maity, D. & Maiti, G.G. (Eds.), *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Key)*. Bishen Singh Mahendra Pal Singh (in press). ISBN 978-93-94991-25-5.
 54. **Maity, D.** 2021. Flora of Sikkim- a synoptic view. In: Singh, L. J. & Ranjan, V. (eds.), *New Vistas in Indian Flora*. Bishen Singh Mahendra Pal Singh. pp. 469-496. ISBN: 978-81-946147-1-5.
 55. **Maity, D.** 2015. Calcutta University Herbarium and experimental garden. In: History of Botany—in the most premier University in India. Department of Botany, University of Calcutta. pp. 359–373.
 56. **Maity, D.** 2012. New and Interesting Plants from Kanchenjunga Biosphere Reserve. In: Tamang, P., A. K. Shrivastava and S. R. Lepcha (eds.), *Sikkim Biodiversity, Significance and Sustainability*. Sikkim State Council of Science & Technology, Govt. of Sikkim, Gangtok. pp. 38-48. ISBN: 978-81-924475-0-6.
 57. **Maity, D.** 2012. Calcutta University Herbarium (CUH) – An International Repository of Plant Specimens. In: Maity, D. (ed.), *Perspectives of Plant Taxonomy – Exploration, Herbarium, Nomenclature and Classification*. Naya Udyog, Kolkata. pp. 1-6. ISBN: 978-81-89863-29-6.
 58. **Maity, D.** and A.S.Chauhan, 2002. Kachanjunga Biosphere Reserve: In N. P. Singh and K. P. Singh (eds.), *Floristic Diversity and Conservation Strategies in India, V: 2585-2625*, Botanical Survey of India, Kolkata.

ENVIS REPORTS (Newsletter):

1. **Maity, D.,** A. Maiti and A.S.Chauhan, 1999: *Arisaema griffithii* Schott; A vanishing cobra-lily from Sikkim, *ENVIS* 6:9, Botanical Survey of India, Kolkata.
2. **Maity, D.,** S.K. Jana and M.S. Mondal, 2000: Common foxgloves-A promising medicinal plant from Sikkim, *ENVIS* 7:1-2, Botanical Survey of India, Kolkata.
3. **Maity, D.,** A.S. Chauhan and G.G. Maiti, 2004: *Rheum nobile* Hook. f. & Thoms. (Polygonaceae), The „Himalayan Monk“- Needs Care to Conserve, *ENVIS* 9:13-14. Botanical Survey of India, Kolkata.
4. Das Das, M., Sujana, K. A., Pramanik, A. and **Maity, D.** 2014. *Mouriri guianensis* (Memecylaceae) at AJC Bose Indian Botanic Garden, Howrah. *ENVIS* 19 (1):4-5. Botanical Survey of India, Kolkata.
5. **Maity, D.** and Pattanayak, S. 2017. Unusual development of inflorescence in *Musa* × *paradisiaca* (Musaceae). *ENVIS* 22 (2):11. Botanical Survey of India, Kolkata.

Books published:

1. **Maity, D.** and Maiti, G.G. (eds.) 2023. *Flora of Sikkim (A Comprehensive Account of Angiosperms with Identification Keys)*. Vols.1-3. Bishen Singh Mahendra Pal Singh, Dehradun. ISBN 978-93-94991-25-5.
2. **Maity, D.**, Midday, M., Ghosh, J., Halder, A.K., Saha, S., B. Mahakur, Bhandari, N. and Maiti, G.G. 2023. *Plants of Biodiversity Conservation Education Park*. UBI, Uluberia. ISBN: 978-81-954712-0-1.
3. **Maity, D.** and Acharya, K. (eds.) 2022. *Biosystematics and Bioresources. The Proceedings of the International Conference on “Algae, Fungi and Plants: Systematics to Applications (AFPSA-2020)”* in celebration of the 100 years anniversary of the Calcutta University Herbarium (CUH). Bishen Singh Mahendra Pal Singh, Dehradun. ISBN-13: 978-93-93628-21-3.
4. **Maity, D.**, Mandal, M., Midday, M., Ghosh, J. and Maiti, G.G. 2020. *Mangroves of Sundarnabs-a pictorial guide (with major Associates of Mangroves and Saltmarsh Plants)*. East Himalayan Society for Spermatophyte Taxonomy (EHSST). ISBN: 978- 81- 924956- 6- 8.
5. **Maity, D.** (ed.) 2020. *Plant Systematics and Ethnobotany: Methods and Practices*. Proceedings of the 3rd &4th National Workshops under Taxonomy Training Centre, AICOPTAX, MoEF&CC, GoI., Dept. of Botany, University of Calcutta. UBI, Uluberia. ISBN: 978-81-946258-2-7.
6. **Maity, D.**, Ghosh, J. and Midday, M. 2019. *Spring Flowers of Darjeeling and Sikkim Himalaya*. Citadel, Kolkata. ISBN: 978-93-81493-69-4. pp.1-295.
7. **Maity, D.**, Maiti, G.G. and Chauhan, A. S. 2018. *Flora of Kanchenjunga Biosphere Reserve, Sikkim*. Botanical Survey of India, Kolkata. ISBN:978-81-934758-1-2. pp. 1-834.
8. **Maity, D.** (ed.) 2018. *Taxonomy: Theory and Practice*. Proceedings of the first International Workshop under Taxonomy Training Centre, AICOPTAX, MoEF&CC, Govt. of India. Department of Botany, University of Calcutta. Ruby Das, Hooghly. ISBN: 978-81-922797-8-7. pp. 1-277.
9. **Maity, D.** (ed.) 2012. *Perspectives of Plant Taxonomy – Exploration, Herbarium, Nomenclature and Classification*. Naya Udyog, Kolkata. ISBN: 978-81-89863-29-6. pp. 1-189.
10. **Maity, D.** and Maiti, G.G. 2007. *The Wild Flowers of Kanchenjunga Biosphere Reserve, Sikkim*, Naya Udyog, Kolkata. ISBN: 81-89163-00-2. pp. 1-174.

Obituary:

1. **Maity, D.** and Maiti, G.G. 2023. Professor N.D. Paria (1950-2023). *Rheedea* 33(2): 97–98. <https://dx.doi.org/10.22244/rheedea.2023.33.02.08>.

2. **Maity, D.** and Pal, R. 2020. Prasanta Kumar Mukherjee (1943–2020). *Rheedea* 30(4):3-4. <https://dx.doi.org/10.22244/rheedea.2020.30.4.00>
3. **Maity, D.** and Maiti, G.G. 2018. Dhrubajyoti Ghosh (1947-2018): The Ecological Engineer. *J. Econ. Taxon. Bot.* 42(1-4):89-91.
4. **Maity, D.** and Singh, P. 2017. In Memoriam Prof. Arun Kumar Sharma (1924-2017). *Nelumbo* 59(1):121-133. doi: 10.20324/nelumbo/v59/2017/117146.

Editor/or Editorial Board Member/Executive member

1. Member of Executive Council:

- i. Indian Association for Angiosperm Taxonomy (IAAT)
 - ii. International Society of Plant Morphologists (ISPM)
 - iii. East Himalayan Society for Spermatophyte Taxonomy (EHSST)
 - iv. Botanical Society of Bengal (BSB)
2. **Editor** (Board of Editors): *Pleione*. Official journal of the East Himalayan Society for Spermatophyte Taxonomy.
 3. **Subject Editor:** *Phytomorphology* (ISPM)
 4. **Region Editor (Eastern India):** Journal of Economic and Taxonomic Botany
 5. **Editor-in-Chief** [special issue of *Exploratory Animal and Medical Research - "Documentation, Sustainable Utilization and Bioprospection of Ethnomedicinal Bioresources"*].
 6. **Secretary.** East Himalayan Society for Spermatophyte Taxonomy.

Refresher Course Invited Lectures

1. Refresher Course on "*Plant Diversity and Conservation*" organized by the Department of Botany, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur held on and from 09-10-2023 to 21-10-2023.
2. Refresher Course on "*Interdisciplinary Refresher Course in Modern Biology, FY 2022-23*" organized by the UGC-Human Resource Development Centre (HRDC), University of Calcutta held on and from 07-12-2022 to 20-12-2022.