ANNEXURE - A

Articles in the Journals

(A.1) Articles published: 54

1. Ghosh, J., Midday, M., **Rawat, D.S.,** & Maity, D. (2023). Pattern of species richness and floristic spectrum along the elevation gradient in Kanchenjunga Biosphere Reserve, Sikkim, Eastern Himalaya, India. *Tropical Ecology*, ***(In press),*** Accepted on 28 April 2023, Impact Factor **1.60** (2022).
2. Tiwari, P., Rawat, R., Negi, S., & **Rawat, D.S.** (2023). Pollen morphology of *Ipomoea* L. from Garhwal Himalaya, India. *Palynology*, Online available: https://doi.org/10.1080/01916122.2023.2264357. Impact Factor **1.50** (2022).
3. Das, D.S., Singh, **Dinesh.,** & Maity, D. (2023). Woody species diversity pattern along an elevation gradient of Sainj Wildlife Sanctuary, Western Himalaya, India. *Vegetos*, Online available: https://doi.org/10.1007/s42535-023-00686-2
4. Bagri, S., Singh, A., **Rawat, D.S.,** Dhingra, G.K., & Wani, Z. A. (2023). Tree species composition, regeneration dynamics, and population structure of some selected forests of district Tehri Garhwal, Uttarakhand, India. *Acta Botanica Hungarica*, *65*(3-4), 229–246.
5. Parveen, M., Sharma, P.K., Tiwari, J.K., Tiwari, P., & **Rawat, D.S.** (2022). Floral diversity in and around some sacred sites: A case study from Rampur, Uttar Pradesh, India. *Advances in Bioresearch*, *13*(5), 141–151.
6. Singh, H., Hussain, J., Bagri, A.S., Rawat, V., **Rawat, D.S.,** & Tiwari, J.K. (2022). Uses, preference, cultural importance and informant consensus factor of tree species in Uttarakhand: A case study from Bhilangana Watershed (Western Himalaya, India). *Ecological Questions*, *33*(3), 1–25.
7. Tiwari, P., Gloch, E., Bagri, A.S., Ahmed, F., & **Rawat, D.S.** (2022). Pollen morphology of some taxa of Rosaceae from Garhwal Himalaya - I. *Indian Forester*, *148*(2), 213–222.
8. Singh, N., Tiwari, P., Bagri, A.S., Rawat, V., Rautela, B., & **Rawat, D.S.** (2021). Pattern of forest resource utilization in some villages of Pauri Garhwal, Uttarakhand, India. *Journal of Mountain Research*, *16*(3), 279–289.
9. **Rawat, D.S.,** Das, D.S., Tiwari, P., Naithani, P., & Tiwari, J.K. (2021). Physicochemical properties of soil under different forest types in the Western Ramganga Valley (Uttarakhand Himalaya, India*). Asian Plant Research Journal*, *8*(4), 1–14.
10. Das, D.S., Dash, S.S., Maity, D., & **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*, 100101 (pp. 1–6).
11. **Rawat, D.S.,** Bagri, A.S., Parveen, M., Nautiyal, M., Tiwari, P., & Tiwari, J.K. (2021). Pattern of species richness and floristic spectrum along the elevation gradient: A case study from western Himalaya, India. *Acta Ecologica Sinica*, *41*(6), 545–551.
12. Dash, S.S., Panday, S., **Rawat, D.S.,** Kumar, V., Lahiri, S., Sinha, B.K., & Singh, P. (2021). Quantitative assessment of vegetation layers in tropical evergreen forests of Arunachal Pradesh, Eastern Himalaya, India. *Current Science*, *120*(5), 850–858. Impact Factor **1.169** (2022).
13. **Rawat, D.S.,** Tiwari, P., Das, S.K., & Tiwari, J.K. (2020). Tree species composition and diversity in montane forests of Garhwal Himalaya in relation to environmental and soil properties. *Journal of Mountain Science*, *17*(12), 3097–3111. Impact Factor **2.371** (2022).
14. Das, S.K., **Rawat, D.S.,** Dash, S.S., Banerjee, A., Sinha, B.K., & Singh, P. (2020). Moss-inhabiting diatoms as ecological indicators in Neora Valley National Park (Eastern Himalaya), India. *Tropical Ecology*, *6*, 226–237. Impact Factor **1.60** (2022).

15. Tiwari, P., Rautela, B., **Rawat, D.S.,** & Singh, N. (2020). Weed floristic composition and diversity in paddy fields of Mandakini valley, Uttarakhand, India. *International Journal of Botany Studies*, *5*(3), 334–341.

16. Das, S.K**., Rawat, D.S.,** Gupta, R.K., & Adhikary, S.P. (2020). A taxonomic appraisal on the rare green algal genus *Ecballocystopsis* M.O.P. Iyengar (Chlorellales: Trebouxiophyceae): Morphological and numerical approach. *Nordic Journal of Botany*, *38*(3), e02609 (pp. 1–8). Impact Factor **0.931** (2022).

17. Das, D.S., **Rawat, D.S.,** Maity, D., Dash, S.S., & 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. Impact Factor **0.816** (2022).

18. Chandra, S., Rawat, D.S., & Rawat, **Dinesh.** (2020). *Odontostemma balfouriana* comb. nov., a neglected species from Indian Himalaya and resurrection of *Stellaria depauperata* Edgew. *Edinburgh Journal of Botany*, *77*(2), 243–250. Impact Factor **0.340** (2022).

19. Das, D.S., Dash, S.S., Thakur, R.K., **Rawat, D.S.,** & Sinha, B.K. (2019). First Records of *Rhododendron arboreum* var. *roseum* (Ericaceae) from the Western Himalaya, India. Indian *Journal of Forestry*, *42*(3), 243–246.

20. Das, D.S., **Rawat, D.S.,** Sinha, B.K., Dash, S.S., & Maity, D. (2019). *Sabia campanulata* Wall. subsp. *ritchieae* (Rehder & E.H. Wilson) Y.F. Wu (Sabiaceae): An addition to the Flora of India. *National Academy Science Letters*, *42*(6), 531–533. Impact Factor **1.10** (2022).

21. Rana, C.S., **Rawat, D.S.,** Tiwari, J.K., & Dangwal, L.R. (2018). *Aeginetia indica* L. var. *alba* Santapau (Orobanchaceae) and *Scutellaria discolor* Colebr. (Lamiaceae): New additions to the flora of Garhwal Himalaya, Uttarakhand. *Journal of Mountain Research*, *13*, 15–19.

22. **Rawat, D.S.,** Tiwari, J.K., Uniyal, P.L., & Tiwari, P. (2018). Assessment of fodder species in Western Ramganga Valley, Uttarakhand, India. *International Journal of Tropical Agriculture*, *36*(1), 23–36.

23. Das, D.S., **Rawat, D.S.,** Sinha, B.K., Singh, P., Maity, D., & Dash, S.S. (2018). Contribution to the Flora of Great Himalayan National Park, Himachal Pradesh, Western Himalaya-II. *Nelumbo*, *60*(1), 26–37.

24. **Rawat, D.S.,** Tiwari, J.K., Tiwari, P., Nautiyal, M., Parveen, M., & Singh, N. (2018). Tree species richness, dominance and regeneration status in western Ramganga valley, Uttarakhand Himalaya, India. *Indian Forster*, *144*(7), 595–603.

25. **Rawat, D.S.,** Ballabha, R., & Rana, C.S. (2018). Assessment of phytodiversity and their socio-economic dimensions from the submersed zone of Naitwar-Mori hydroelectric power project in Tons Valley, Garhwal Himalaya, India. *Ecology, Environment and Conservation*, *24*(2), 840–848.

26. Kumar, N., **Rawat, D.S.,** Bharti, & Tiwari, P. (2018). Abundance and visitation rate of *Apis* pollinators on flowers of some multipurpose tree species grown in Muzaffarpur, Bihar, India. *Indian Journal of Scientific Research*, *8*(2), 29–34.

27. Parveen, M., Tiwari, J.K., Nautiyal, M., Tiwari, P., & **Rawat, D.S.** (2018). Effects of anthropogenic disturbances on community structure and regeneration status of tree species in reserved and panchayat forests of Pauri Garhwal, Western Himalaya, India. *NeBIO*, *9*(1), 150–157.

28. **Rawat, D.S.,** Dash, S.S., Sinha, B.K., Kumar, V., Banerjee, A., & Singh, P. (2018). Community structure and regeneration status of tree species in Eastern Himalaya: A case study from Neora Valley National Park, West Bengal, India. *Taiwania*, *63*(1), 16–24. Impact Factor **0.816** (2022).

29. Nautiyal, M., Tiwari, P., Tiwari, J.K., & **Rawat, D.S.** (2018). Fodder diversity, availability and utilization pattern in Garhwal Himalaya, Uttarakhand. *Plant Archives*, *18*(1), 279–289.

30. **Rawat, D.S.,** Parveen, M., Nautiyal, M., Tiwari, P., & Tiwari, J.K. (2017). Diversity and dominance of understory herbs in three montane forests of Western Ramganga Valley, Garhwal Himalaya. *ENVIS Bulletin Himalayan Ecology*, *25*, 75–80.

31. **Rawat, D.S.,** Tiwari, P., & Uniyal, P.L. (2017). Understanding plant community structure and regeneration dynamics for conservation of biodiversity in Uttarakhand region. *The Botanica*, *67*, 106–114.

32. Tiwari, P., Naithani, P., Saklani, S., & **Rawat, D.S.** (2017). Phenolic content, antioxidant activity, and palynological analysis of some multifloral honeys from Garhwal Himalaya. *International Journal of Pharmacy and Biological Sciences*, *7*(3), 84–92.

33. Nautiyal, M., Tiwari, J.K., & **Rawat, D.S.** (2017). Exploration of some important fodder plants of Joshimath area of Chamoli district of Garhwal, Uttarakhand. *Current Botany*, *8*, 144–149.

34. Das, D.S., **Rawat, D.S.,** Shrivastava, N., Ambrish, K., Sinha, B.K., Singh, P., & Dash, S.S. (2017). A contribution to the flora of Great Himalayan National Park, Himachal Pradesh, India. *Nelumbo*, *59*(1), 33–43.

35. **Rawat, D.S.,** Ballabha, R., Suri, S., Tiwari, J.K., & Tiwari, P. (2017). Phytorestoration in the debris dumping sites of a hydroelectric power project: A case study from Srinagar (Garhwal), Western Himalaya, India. *Environment Conservation Journal*, *18*(3), 189–197.

36. Parveen, M., Tiwari, P., **Rawat, D.S.,** & Tiwari, J.K. (2017). Tree species richness and regeneration pattern along the anthropogenic disturbance gradients in montane forests of Garhwal Himalaya, India. *Plant Archives*, *17*(2), 1247–1254.

37. **Rawat, D.S.,** Tiwari, J.K., Tiwari, P., & Nautiyal, M. (2017). *Lysionotus serratus* D.Don a noteworthy plant species from Chamoli, Western Himalaya. *Annals of Plant Sciences*, *6*(1), 1492–1493.

38. **Rawat, D.S.,** Tiwari, J.K., Tiwari, P., & Singh, H. (2016). Floristic diversity of montane zone of Western Ramganga Valley, Uttarakhand, India. *Journal of Economic and Taxonomic Botany*, *40*(3–4), 104–125.

39. **Rawat, D.S.,** Tiwari, J.K., & Tiwari, P. (2016). Invasive alien flora of western Ramganga Valley, Uttarakhand. *Phytotaxonomy*, *16*, 111–114.

40. Chauhan, R.S., Chauhan, J.S., Rawat, A.S., & **Rawat, D.S.** (2016). Effects of salinity on germination behaviour of two paddy landraces grown in Chakrata, Dehradun, Uttarakhand, India. *Agropedology*, *26*(2), 164–171.

41. Tiwari, J.K., Tiwari, P., & **Rawat, D.S.** (2016). Some additions to Orchidaceae of district Chamoli, Uttarakhand. *Indian Forester*, *142*(8), 797–798.

42. Tiwari, J.K., Tiwari, P., **Rawat, D.S.,** Ballabha, R., & Rana, C.S. (2016). New distributional record of *Sarcopyramis napalensis* Wall. (Melastomataceae) from Garhwal Himalaya, Uttarakhand, India. *Journal of Threatened Taxa*, *8*(5), 8835–8836.

43. Tiwari, J.K., Tiwari, P., & **Rawat, D.S.** (2015). Some additions to Flora of Chamoli. *Phytotaxonomy*, *15*, 146–151.

44. Tiwari, J.K., Tiwari, P., **Rawat, D.S.,** & Ballabha, R. (2015). Occurrence of *Sesamum mulayanum* Nair in Garhwal Himalaya, Uttarakhand. *Indian Journal of Plant Sciences*, *4*(2), 33–35.

45. Tiwari, J.K., **Rawat, D.S.,** & Tiwari, P. (2015). *Exacum paucisquamum* (Gentianaceae): A new record for Western Himalaya, India. *Rheedea*, *25*(1), 57–58.

46. Tiwari, J.K., Tiwari, P., **Rawat, D.S.,** Ballabha, R., & Rana, C.S. (2015). *Alternanthera philoxeroides* (Mart.) Griseb. on uphill journey in Uttarakhand, India. *International Journal of Current Research*, *7*(3), 13177–13178.

47. Gaur, R.D., Tiwari, P., Tiwari, J.K., & **Rawat, D.S.** (2014). Physico-chemical properties of some unifloral and multifloral honeys from Garhwal Himalaya, Uttarakhand (India). *International Journal of Basic and Applied Sciences*, *3*(4), 142–148.

48. Tiwari, J.K., Tiwari, P., & **Rawat, D.S.** (2014). New distributional record of *Toricellia tiliifolia* DC. (Toricelliaceae) from Chamoli Garhwal, Uttarakhand, India. *Annals of Plant Sciences*, *3*(11), 888–890.

49. Gaur, R.D., Tiwari, P., Tiwari, J.K., **Rawat, D.S.,** & Ballabha, R. (2014). Bee forage potential of Garhwal Himalaya, India. *Indian Journal of Fundamental and Applied Life Sciences*, *4*(1), 196–204.

50. Ballabha, R., **Rawat, D.S.,** Tiwari, J.K., Tiwari, P., & Gairola, A. (2013). Wild edible plant resources of the Lohba Range of Kedarnath Forest Division (KFD), Garhwal Himalaya, India. *International Research Journal of Biological Sciences*, *2*(11), 65–73.

51. **Rawat, D.S.,** Tiwari, J.K., Tiwari, P., Ballabha, R., & Rana, C.S. (2013). Plant diversity in the Lohba Range of Kedarnath Forest Division in Garhwal Himalaya, Uttarakhand, India. *Annals of Plant Sciences*, *2*(8), 302–320.

52. Tiwari, P., Tiwari, J.K., **& Singh, Dinesh.** (2013). Changing scenario of traditional beekeeping in Garhwal Himalaya: A case study from Gairsain block of district Chamoli, Uttarakhand. *International Journal of Life Sciences*, *2*(1), 16–20.

53. Ballabha, R., Singh, **Dinesh.,** Tiwari, J.K., & Tiwari, P. (2013). Diversity and availability status of ethno-medicinal plants in the Lohba Range of Kedarnath Forest Division (KFD), Garhwal Himalaya. *Global Journal of Research on Medicinal Plants & Indigenous Medicin*e, *2*(4), 198–112.

54. Tiwari, P., Tiwari, J.K., Singh, **Dinesh.,** & Singh, D. (2013). Traditional beekeeping with the Indian honey bee (*Apis cerana* F.) in district Chamoli, Uttarakhand, India. *International Journal of Rural Studies*, *20*(1), 31–36.

ANNEXURE - B

Book and Articles (other than Journals)

(B.1) Book (As authors): 01

- Tiwari, P., Tiwari, J.K., & **Rawat, D.S.** (2021). *Maun Palan; Parvatiya Mahilaon Ke Liye Ek Sah-Vyavsaye*. P.K. Publishers and Distributors, Delhi. ISBN 978-81-950911-5-7.

(B.2) Book (As contributor): 01

- ***Authors:*** P. Singh, S.S. Dash & B.K. Sinha (2019). ***Contributors:*** **D.S. Rawat,** S.K. Das, V. Kumar, S. Panday, S. Lahiri, D.S. Das & A. Banarjee. *Plants of Indian Himalayan Region (An annotated checklist & pictorial guide)*; **Part - I**. Botanical Survey of India, Kolkata, India. ISBN 978-81-9411405-5.
- ***Authors:*** B.K. Sinha, S.S. Dash & P. Singh (2019). ***Contributors:*** **D.S. Rawat,** S.K. Das, V. Kumar, S. Panday, S. Lahiri, D.S. Das & A. Banarjee. *Plants of Indian Himalayan Region (An annotated checklist & pictorial guide)*; **Part - II**. Botanical Survey of India, Kolkata, India. ISBN 978-81-9411406-2.

(B.3) Book chapters: 03

1. Panday, S., **Rawat, D.S.,** Kumar, V., Dash, S.S., Sinha, B.K., & Singh, P. (2022). Climber community structure in relation to environment and tree attributes in lowland tropical forests of Eastern Himalaya, India. In: M. Kumar, J.A. Bhat, & N.A. Pala (Eds.), *Forest Community Dynamics and Diversity in Different Ecosystems* (pp. 71–98). Taylor & Francis Group, CRC Press, United States. ISBN 9781771889797.
2. Bhatt, V.P., & **Rawat, D.S.** (2020). God's tree: A culturally coded strategy for conservation (A case study of Gairsain ecoregion of district Chamoli, Uttarakhand). In: S. Khasim, C. Long, K. Thammasir, & H. Lutken (Eds.), *Medicinal Plants: Biodiversity, Sustainable Utilization and Conservation* (pp. 237–247). Springer Nature, Singapore. ISBN 9789811516351 (print), 9789811516368 (electronic).
3. **Rawat, D.S.,** Uniyal, P.L., Nautiyal, M., Tiwari, P., & Tiwari, J.K. (2018). Studies on the fodder resources in a montane valley of Uttarakhand, Western Himalaya, India. In: K.K. Singh & S.P. Singh (Eds.), *Innovative Agriculture and Botany* (pp. 136–149). Victorious Publishers, Delhi, India. ISBN 9789387294141.

(B.4) Research articles in proceedings: 01

- Tiwari, P., Tiwari, J.K., Singh, **Dinesh.,** Singh, D., & Ballabha, R. (2012). Status of beekeeping in district Chamoli and Rudraprayag of Garhwal Himalaya, Uttarakhand. In: *Past, Present and Future of Beekeeping in Uttarakhand* (pp. 52–59). Government Apiculture Centre Jyolikote (Nainital), Horticulture and Food Processing Department of Uttarakhand, Uttarakhand.

(B.5) Hindi articles (Semi-technical articles): 04

1. **Rawat, D.S.,** Das, D.S., & Kumar, N. (2019). Great Himalayan Rashtriya Udhyan Kshetra Mai Vano Ka Ghatata Prakritik Punarjanan: Ek Chinta ka Viashay. *Vanaspativani*, *27*, 14–16.
2. **Rawat, D.S.,** Das, D.S., Dash, S.S., & Tiwari, P. (2018). Bharat ke paschim Himalay mai stith vishva dharohar sthal: Great Himalayan National Park. *Aviral Newsletter*, *1*, 4–5.
3. **Rawat, D.S.,** Das, D.S., & Kumar, N. (2017). Nag Chhatri: Ek Sankchhipt Parichay. *Vanaspativani*, *26*, 79.
4. Singh, **Dinesh.,** & Tiwari, P. (2013). Guno ki khan Sahad. *Regional Reporter*, *5*(9), 39.