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Important Research Publications

- Dhiman B and Dutt B. 2018. Evaluation of *Acorus calamus* L. rhizome extract as a bio preservative against wood fungal decay. *Journal of Applied and Natural Science*, 10(1), 37-40.
- Dhiman B, Sharma KR and Sumthane YY. 2018. Scope of *Parthenium hysterophorus* L. and *Acorus calamus* L. as Biopresevative for non-durable wood timber species. *International Journal of Trend in Scientific Research and Development*, 2(2).
- Dhiman B. 2018. Biopreservation of *Pinus roxburghii* and *Bombax ceiba* using aqueous extract *Acorus calamus*. *International Journal of Economic Plants*, 5(1), 40-42.
- Sunny PP, Dutt B, Sharma KR. Dhiman B and Sumthane YY. 2019. Wood variation in physico-mechanical properties of *Dalbergia sissoo* Roxb. ex DC. from local markets of Himachal Pradesh. *Journal of Tropical Agriculture*, 57 (1): 17-26.
- Dhiman B, Sharma P, Shivania and Pal PK. 2020. Biology, chemical diversity, agronomy, conservation and industrial importance of *Valeriana jatamansi*: A natural sedative. *ELSEVIER- Journal of Applied Research on Medicinal and Aromatic Plants* Volume-16, March 2020, 100243 <https://doi.org/10.1016/j>.
- Dhiman B, Dutt B and Sharma KR. 2020. Effective Potential of Herbal Preservatives to Reduce Hazardous Impact on Biodiversity by Wood Chemical Preservatives and Fixatives. *Environment and Ecology Research*. 8(4): 100-104.
- Dhiman B. 2024. *Picrorhiza kurrooa*: A Promising Himalayan Medicinal Plant with Therapeutic Research and Conservation Challenges in *Journal of Biology and Nature*, Volume 16, Issue 2, Page 9-18, 2024; ISSN: 2395-5376 (P), ISSN: 2395-5384 (O), (NLM ID: 101679666)
- Dhiman B, Spehia RS, Attri I, Dev I and Chandel, RS. 2025. An analytical ethnobotanical survey-study and its contribution to 'Amchi System' of Spiti Valley, India: Amchi System'-A traditional healthcare system of Spiti Valley. *Indian Journal of Traditional Knowledge (IJTK)*, 24(12), 1164-1174.
- Dhiman B. 2025. Intra-inflorescence variations in *Allium tuberosum* rottler ex-sprengel of cold desert of spiti valley. *Indian Journal of Fundamental and Applied Life Sciences* Vol. 15, pp. 25-29.

Books and Manuals

- Dhiman B and Attri I. 2022. Flooding and submergence stress to plant in *Stress in Plants - the Hidden Half*, 2022 with 282 pages. *Edited by* Rishikesh Upadhyay, Publisher: Cambridge Scholars Publishing, ISBN:9781527556041.
- Dhiman B. Attri I and Mukherjee S. 2026. Resource Use Patterns and Ecosystem Services in Alpine Regions. In *Climate Resilience and Molecular Adaptation in Alpine Medicinal Plants: Ecophysiology, Metabolism and Plantomics* (pp. 25-49). Singapore: Springer Nature Singapore.