

PUBLICATIONS IN INTERNATIONAL AND NATIONAL JOURNALS:

1. Dhingra S and Chopra RN (1983) Protonemal gemmae in the moss *Trematodon brevicalyx* Dixon. Journal of Bryology **12**: 571-573. ISSN: 17432820, 03736687, **Impact Factor 1.647.**
2. Chopra RN and Dhingra-Babbar S (1984) Studies on bud induction in the moss *Trematodon brevicalyx*. New Phytologist **97**: 613-620. ISSN: 0028646X, 14698137, **Impact Factor 7.672.**
3. Dhingra –Babbar S and Chopra RN (1985) Production of protonemal gemmae in the moss *Semibarbula orientalis* (Web.) Wijk. & Marg. Journal of Bryology **13**: 533-535. ISSN: 17432820, 03736687, **Impact Factor 1.647.**
4. Dhingra –Babbar S and Chopra RN (1985) Induction of callus in the liverwort *Marchantiapalmata* Nees. Journal of Bryology **13**: 585-590. ISSN: 17432820, 03736687, **Impact Factor 1.647.**
5. Chopra RN and Dhingra-Babbar S (1986) Studies on callus induction, its growth and differentiation in *Marchantiapalmata* Nees. I. effect of some amino acids, complex organic substances and activated charcoal. Journal of Hattori Botanical Laboratory **60**: 193-202. ISSN: 0073-0912 (Print), **Impact Factor 0.46.**
6. Dhingra –Babbar S (1986) Influence of Aerobacteraerogenase on *in vitro* morphogenetic behavior of *Philonotislancifolia* Mitt. Current Science **55**: 1097-1098. ISSN 0011-3891, **Impact Factor 0.926.**
7. Dhingra –Babbar S and Chopra RN (1986) Studies on callus induction, its growth and differentiation in *Marchantiapalmata* Nees. II. Effect of some growth regulators. Beitrage zur Biologie der Pflanzen **61**: 467-476. ISSN: 0005-8041.
8. Dhingra –Babbar S (1986) Studies on bud induction in the moss *Hymenostomium edentulum* (Mitt.) Besch. Journal of Hattori Botanical Laboratory **61**: 93-99. ISSN: 0073-0912 (Print), **Impact Factor 0.46.**
9. Dhingra –Babbar S (1988) *In vitro* behavior of gemmae in *Trematodon brevicalyx* and *Semibarbula orientalis*. I. Effect of light and some growth regulators. Journal of Hattori Botanical Laboratory **64**: 411-427. ISSN: 0073-0912 (Print), **Impact Factor 0.46.**
10. Chopra RN and Dhingra-Babbar S (1988) Studies on protonemal differentiation and bud formation in *Philonotislancifolia* Mitt. I. Effect of some growth regulators. Cryptogamie Bryologie et Lichenologie **9**: 241-254. ISSN, 1290-0796, **Impact Factor 1.5.**
11. Dhingra –Babbar S (1988) Effect of some growth regulators on protonemal growth and bud induction in two mosses: *Philonotislancifolia* and *Trematodon brevicalyx*. Phytomorphology **38**: 299-307. ISSN: 00319449.
12. Dhingra –Babbar S (1989) *In vitro* behavior of gemmae in *Trematodon brevicalyx* and *Semibarbula orientalis*. II. Effect of activated charcoal, coconut milk, octopine and tryptophan. Journal of Hattori Botanical Laboratory **66**: 299-306. ISSN: 0073-0912 (Print), **Impact Factor 0.46.**

13. Dhingra –Babbar S and Chopra RN (1990) Studies on protonemal differentiation, bud and gemmae formation in *Trematodonbrevicalyx*: effect of interaction of kinetin with tryptophan and PCIB. *Phytomorphology* **40**: 65-68. ISSN: 00319449.
14. Dhingra –Babbar S (1991) Effect of sucrose on morphogenesis of isolated cells of *Marchantiapalmata* Nees. *Phytomorphology* **41**: 129-132. ISSN: 00319449.
15. Chopra RN and Dhingra-Babbar S (1992) Studies on protonemal differentiation and bud formation in *Philonotis lancifolia* Mitt. and *Trematodonbrevicalyx* Dixon: effect of some purine derivatives. *Journal of Hattori Botanical Laboratory* **71**: 37-45. ISSN: 0073-0912 (Print), **Impact Factor 0.46**.

CHAPTERS IN EDITED BOOKS:

1. Bhatla SC and **Dhingra-Babbar S** (1990) Growth regulating substances in mosses. **In:** Chopra RN and Bhatla (Eds) *Bryophyte Development: Physiology and Biochemistry*. Pp. 79-102. CRC Press, Florida.
2. Malik S, **Babbar S** and Babbar SB (2018) DNA Barcoding: species identification sans physical presence In: *Advances in Life Sciences*. S R Scientific Publications, pp. 1-11.
3. Malik S, **Babbar S** and Babbar SB. (2020) DNA Barcoding of Medicinal Plants, Chapter-1 pp. 1-36 in *New Vistas in Indian Flora*, edited by Dr. L. J. Singh and Y. Ranjan, published by M/S Bishen Singh Mahendra Pal Singh, Dehradun, India. ISBN: 978-00-000-0000-0