

LIST OF PUBLICATIONS (1966-2017)

(as on 31 December 2017)

Research/Review Papers

1. Gopal, B. and Bhambie, S. **1966**. A contribution to the anatomy of *Actiniopteris radiata* (Sw.) Link. Journal of Scientific Research, BHU 16: 161-182.
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5. Gopal, B. 1967. A note on the dichotomous branching in *Marsilea aegyptiaca* Willd. Prof. R. Misra Commemoration Volume BHU Botanical Society: 33-35.
6. Gopal, B. 1967. Contribution of *Azolla pinnata* R.Br. to the productivity of temporary ponds at Varanasi. Tropical Ecology 8: 126-130.
7. Hills, L.V. and Gopal, B. 1967. *Azolla primaeva* and its phylogenetic significance. Canadian Journal of Botany 45: 1179-1191.
8. Gopal, B. **1968**. *Marsilea maheshwarii*- a new species from Pondicherry India. American Fern Journal 58: 70-73.
9. Gopal, B. 1968. Ecological studies of the genus *Marsilea*. I. Water relations. Tropical Ecology 9: 153-170.
10. Gopal, B. **1969**. Evidence for population differentiation in *Marsilea minuta* L. Current Science 38: 371.
11. Gopal, B. 1969. Response of some *Marsilea* species to different temperature treatments. American Fern Journal 59: 150-152.
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15. Bandhu, D. and Gopal, B. 1970. Variations in chlorophyll content in different strata in a tropical dry deciduous forest near Varanasi. Indian Biologist 2(2): 45-47.
16. Misra, R., Gopal, B., Lavania, G.S. and Gupta, S.R. 1970. Plant density and dry matter production relationships in some weeds. Indian Biologist 2(2): 23-26.
17. Gopal, B. **1971**. Ecology of *Marsilea* species with special reference to dry matter production. Hidrobiologia Bucharest 12: 159-168.
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19. Singh, K.P. and Gopal, B. **1973**. The effects of photoperiod and light intensity on the growth of some weeds of crop fields. p. 77-85, in: Slatyer, R.O. (Editor) Plant Response to Climatic Factors. UNESCO, Paris.
20. Gopal, B. 1973. A survey of Indian studies on ecology and production of wetland and shallow water communities. Polskie Archiwum Hydrobiologii 20: 21-29.
21. Gopal, B. 1973. Photoperiodic responses of some species of *Marsilea*. Current Science 42: 492.
22. Misra, R. and Gopal, B. 1973. Introduction. p.1-8, in: Misra, R., Gopal, B., Singh, K.P. and Singh, J.S. (Editors) Progress of Plant Ecology in India. Vol. I. Today and Tomorrow's Printers & Publishers, New Delhi.
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26. Gopal, B. and Maurya, A.N. 1975. Analytical study of growth and reproduction in *Amaranthus spinosus* L. subjected to stress from reduced light intensities. International Journal of Ecology and Environmental Sciences 1: 151-166.

27. Gopal, B. 1975. The genus *Marsilea*: Present status of our knowledge. Science Academy Medal Lecture delivered at 62nd Indian Science Congress Session, New Delhi, January 1975, 17 pages + figs. Mimeogr.
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29. Sharma, K.P. and Gopal, B. 1977. Studies on stand structure and primary production in *Typha* species. International Journal of Ecology and Environmental Sciences 3: 45-66.
30. Gopal, B. 1977. Principles of environmental science. p. 19-23, in: Bandhu Desh and Chauhan, E. (Eds) Current Trends in Indian Environment. Today & Tomorrow's Printers & Publishers, New Delhi.
31. Gopal, B. 1977. Wetlands and their management. p. 193-198, in: Bandhu Desh and Chauhan, E. (Eds) Current Trends in Indian Environment. Today & Tomorrow's Printers & Publishers, New Delhi.
32. Sharma, K.P. and Gopal, B. 1978. Seed germination and occurrence of seedlings of *Typha* species in nature. Aquatic Botany 4: 353-358.
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40. Bhardwaj, N. and Gopal, B. 1979. A study of root system of *Tephrosia apollinea* and its survival value under arid conditions. Japanese Journal of Ecology 29: 229-233.
41. Chauhan, J.P.S. and Gopal, B. 1979. Estimation of leaf area in some cultivars of barley. International Journal of Ecology and Environmental Sciences 5: 137-140.
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48. Gopal, B. 1981. Water for survival- rationale for a new journal. Acta Limnologica Indica 1: 1-4.
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50. Trivedy, R.K. and Gopal, B.. 1981. Seasonal changes in growth and mineral composition of water hyacinth (*Eichhornia crassipes*). Acta Limnologica Indica 1: 41-44.
51. Gopal, B., Goel, P.K., Sharma, K.P. and Trivedy, R.K. 1981. Limnological study of a freshwater reservoir, Jamwa Ramgarh (Jaipur). Hydrobiologia 83: 283-294.
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58. Kulshreshtha, M. and Gopal, B. 1982. Decomposition of freshwater vegetation. II. Aboveground organs of emergent macrophytes. p. 279-292, in: Gopal, B., Turner, R.E., Wetzel, R.G. and Whigham, D.F. (Editors). *Wetlands: Ecology and Management*. National Institute of Ecology, and International Scientific Publications, Jaipur.
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