

Effect of Aqueous Extracts of *Parmelia hababiana* Gyelink on Mitosis in *Allium cepa* L

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Abstract

Lichens form symbiotic association of mycobiont and phycobiont. During the growth period, lichens synthesize both primary and secondary metabolites which may be antibiotics, growth inhibitors, or antitumor compounds. In the present study, the effect of aqueous extracts of *Parmelia hababiana* Gyelink on mitosis of *Allium cepa* L. has been worked out. The data indicates decreased mitotic indices and increased chromosomal aberrations with an increase in concentrations.

Keywords: Lichen extract, *Parmelia*, lichen, mitotic indices, chromosomal aberration

Citation: Sujatha M, Manoharachary C, Tilak KVBR, Kunwar IK and Pandiya H. 2011. Effect of aqueous extracts of *Parmelia hababiana* Gyelink on mitosis in *Allium cepa* L. *J Mycol Plant Pathol* 41(4):528-530.