

**THE STUDY OF THE GEMMISPHERE MYCOFLORA OF BUCKWHEAT
(*FAGOPYRUM ESCULENTUM* MOENCH.)**

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Abstracts : Frequently encountered fungi in all the phases of bud development were *Alternaria alternata*, *Aspergillus flavus*, *A.niger*, *Candida albicans*, *Chaetomium globosum*, *Cladosporium herbarum*, *Nigrospora sphaerica*, *Penicillium frequentans*, *Trichoderma viride* and *Trichothecium roseum*. Among which *Aspergillus flavus*, *A. niger*, *Candida albicans* and *Cladosporium herbarum* were by far most prevalent.

Keywords : Fungi, Mycoflora, Buckwheat

REFERENCES

- Davenport, R.R.** (1968). Rep. Agric. Hort. Res. Stn. , Univ. of Bristol (1967), pp 76 – 77.
- Davenport, R.R.** (1969). Rep. Agric. Hort. Res. Stn. , Univ. of Bristol (1968), pp 100-101.
- Hislop, E. C. and T.W. Cox** (1969). Effects of captan on the non-parasitic microflora of apple leaves. Trans. Br. Mycol. Soc. 52 : 223-235.
- Keener, P.D.** (1950). Mycoflora of buds. I. Results of cultures from non-irradiated materials of certain woody plants. Amer. J. Bot. 37: 520-527.
- Keener, P.D.** (1951). Mycoflora of buds. II. Results of histological studies of non-irradiated buds of certain woody plants. Amer. J. Bot. 38 : 105-110.
- Leben, C.** (1961). Microorganisms on cucumber seedlings. Phytopathology 51: 553-557.
- Leben, C.** (1969). Colonization of soybean buds bacteria: observations with scanning electron microscope. Can. J. Microbiology 15: 319-320.
- Leben, C.** (1971). The bud in relation to the epiphytic microflora. In Ecology of. Leaf Surface Micro-organisms. (Eds. T. F. Preece and C. H. Dickinson). pp 117-127. London : Academic Press.
- Naaz , Shagufta** (1992). Phylloplane mycoflora of *Fagopyrum esculentum*. Ph. D. thesis, Univ. of Meerut, Meerut.