

# ON THE GENUS *RHIZOPUS* IN INDIA

**Arvind Upadhyay and M.U. Charaya**

*Department of Botany, C.C.S. University, Meerut-250004, U.P.*

**Abstract:** Indian fungal records recognize eighteen taxa of *Rhizopus* as species and varieties. In the light of the presently prevailing international treatment of the genus, ten taxa of *Rhizopus* need to be recognised as far as Indian records are concerned. These are:

1.*R. arrhizus* Fisch. var. *arrhizus*; 2.*R. homothallicus* Hesselt. & J.J. Ellis; 3.*R. microsporus* var. *chinensis* (Saito) Schipper & Stalpers; 4.*Microsporus* var. *microsporus* Tiegh; 5.*R. microsporus* var. *rhizopodiformis* (Cohn) Schipper & Stalpers; 6.*R. nigricans* var. *minor* Jensen; 7.*R. nigricans* var. *minutus* Chaudhuri & Sachar; 8.*R. niveus* M. Yamaz; 9.*R. sexualis* (G. Sm.) Callen; 10.*R. stolonifer* (Ehrenb.) Vuill.

**Key words:** Indian fungal records, *Rhizopus*.

## REFERENCES

- Bilgrami, K.S.; Jamaluddin, S. and Rizvi, M.A.** (1991). *Fungi of India. List and References.* Today and Tomorrow's Printers & Publishers. India.
- Ehrenberg, C.G.** (1820). *Nova Acta Academiae Caesareae Leopoldino- Carolinae Germanicae Naturae Curiosorum* 10 : 198.
- Inui, T.; Takeda, Y. and Iizuka, H.** (1965). Taxonomical studies on the genus *Rhizopus*. *J. Gen. appl. microbiol.* 11 : 121
- Jamaluddin, Goswami, M.G. and Ojha, B.M.** (2004). *Fungi of India 1989-2001.* Scientific Publishers. India.
- Tandon, R.N.** (1968). *Mucorales of India.* Indian Council of Agricultural Research. India.
- Zheng, R.Y.; Chen, G.Q.; Huang, H. and X.Y. Liu** (2007). A monograph of *Rhizopus*. *Sydowia* 59: 273-372.