

## An Undescribed Species of *Camarosporium* Schulz (Coelomycete) From Maharashtra

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### Abstract

During a mycological survey around Amravati (Maharashtra) an interesting species of *Camarosporium* Schulz was collected on dead stems of *Cassia fistula* Linn. For its diagnosis and specific identity the fungus was studied in detail with respect to morphology and dimensions of various fruiting structures. Further, it was also compared with other known species of *Camarosporium* (Mundkur and Ahmad, 1946; Wehmeyer, 1964; R, Rao, 1965; Subhedar and Rao, 1976; Magdum, 1981, Patil, 1996) including the type species viz. *C. quaternatum* (Hazsi) Schulz. (Sutton, 1980) and found to differ greatly in the size of pycnidia and conidia. It is, therefore, described here as a new species.

The specimen was deposited and examined at 'Ajrekar Mycological Herbarium', Agharkar Research Institute, Pune (India) as holotype and the accession number is received as AMH No. the detailed description of the same with latin diagnosis are as follows:

**Keywords:** *Camarosporium*, new species

### 1. Introduction

#### 1.1 *Camarosporium cassiae* sp nov

Pycnidia dark – brown to black, erumpent, nearly globose, discrete, ostiolate, measure 144-256 x 224-320  $\mu$ m; conidiophores short, simple, hyaline; conidia dark – brown, ovoid, muriform, having transverse as well as longitudinal septation, measure 22-36 x 12-16  $\mu$ m.

Pycnidia atro-brunnea vel nigra, erumpentia, globosa, discreta, ostiolata, magnit. 144-256x 224-320  $\mu$ m; conidiophora brevia, simplicia, hyalina; conidia fusca – brunnea, ovoidea, muriformia, magnit. 22-36 x 12-16  $\mu$ m.

The specimen was collected from Amravati (Maharashtra) on dead stems of *Cassia fistula* Linn. (Caesalpiniaceae) on 07-10-2001, legit. P.S. Kaste, No. AMH. 8781.

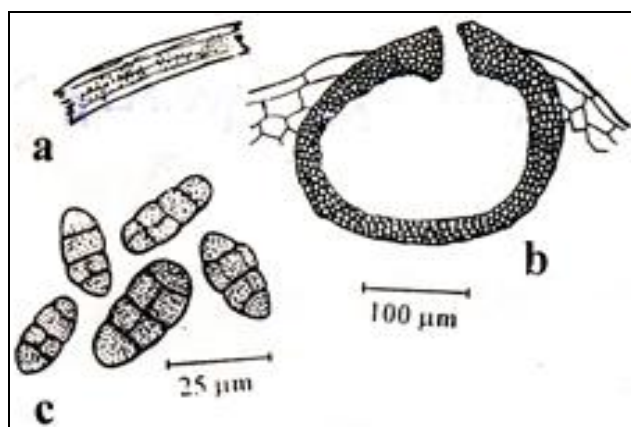


Fig 1: *Camarosporium cassiae* sp nov

(a) Habit on stem (b) V.S. through pycnidium (c) Conidia.

### 2. References

1. Magdum DK. Mycoflora of Ganeshkhind area Ph.D. thesis, Poona University, Poona. 1981.
2. Mundkur BB, Ahmad S. Revisions and additions to Indian fungi – II. *Mycological Papers*. 1946; 18:11.
3. Patil K.B. Taxonomic studies an higher marine fungi from Gujrat and Daman Coasts Ph.D. thesis, Poona University, Poona. 1996.
4. Rao, Ramchandra. Some new and noteworthy fungi from India – I *Mycopath Et. Mycol Appl*. 1965; 27:29-32.
5. Subhedar AW, Rao VG. Some new sphaeropsidaceous fungi J Univ Poona Sci. & Tech. 1976; 48:63-68.
6. Sutton BC. The coelomycetes, CMI, Kew, England, 1980, 696.
7. Wehmeyer LE. Some fungi imperfection from Punjab and Kashmir. *Mycologia*. 1964; 56:29-52