



***Inocephalus* (Entolomataceae, Agaricales) from São Paulo State, Brazil**

Fernanda Karstedt* and Marina Capelari

Instituto de Botânica, Núcleo de Pesquisa em Micologia, Caixa Postal 68041, 04045-972 São Paulo, SP, Brazil

With 11 figures and 1 table

Abstract: The genus *Inocephalus*, when considered with its synonyms, comprises a large number of species that are geographically distributed in the tropics and subtropics. However, publications that report findings species belonging to this genus in Brazil are rare. A survey of the family Entolomataceae is in progress at three conservation units located in the São Paulo metropolitan area (Parque Estadual da Cantareira, Parque Estadual das Fontes do Ipiranga and Reserva Biológica de Paranapiacaba), and this study reports the results pertaining to the genus *Inocephalus*. Nine species were discovered, four of these taxa are new to science, *Inocephalus cervinus*, *I. mucronatus*, *I. tenuis* and *I. glycosmus* var. *paranapiacabensis*, four are new combinations, *Inocephalus azureoviridis*, *I. cystidiophorus*, *I. dennisii* and *I. flavotinctus* and one species, *I. virescens*, is a new citation for the São Paulo metropolitan area. Descriptions, notes, drawings, SEM images and macroscopic colour pictures of the basidiomata are provided, including analysis of the *Inocephalus azureoviridis*, *I. dennisii*, *I. glycosmus* and *I. virescens* types.

Key words: Basidiomycota, Agaricomycetes, neotropical fungi, South America, taxonomy.

Introduction

Rhodophyllus subgenus *Inopilus* was created by Romagnesi (1974) and was elevated to genus by Pegler (1983) with *Rhodophyllus versatilis* (Fr.) Quél. defined as the type. Noordeloos (1981) however, noted that the characters of *R. versatilis* do not fit the concept of *Inopilus* in the sense of Romagnesi, but must be arranged in *Pouzarella* Mazzer, which according to the International Code of Botanical Nomenclature (Art. 10), makes the names *Inopilus* and *Pouzarella* heterotypical synonyms. Noordeloos (1981) noticed this nomenclatural problem and proposed *Entoloma* subgenus *Inocephalus*,

*corresponding author; e-mail: fekarstedt@yahoo.com.br