



XLI Congresso Paulista de Fitopatologia

20 a 22 de fevereiro de 2018
Marília - SP

FIRST REPORT OF *Colletotrichum* sp. ON LEAVES OF *Erythrina speciosa* (Fabaceae) FROM THE STATE OF RIO DE JANEIRO, BRAZIL. / Primeiro relato de *Colletotrichum* sp. em folhas de *Erythrina speciosa* (Fabaceae) do Estado do Rio de Janeiro, Brasil. C.M.X. FARIA¹; J. REMBINSKI¹; K.S. TINOCO¹; K.M. ANDRADE²; C.A. INÁCIO¹. ¹Plant Pathology; ²Soil Science Departments, UFRRJ, Seropédica, RJ, Brazil. E-mail: cmxfaria@ufrj.br

Colletotrichum sp. (Glomerellaceae) was found associated to leaf spots of *Erythrina speciosa* (Fabaceae) collected in Rio de Janeiro, RJ, Brazil. Symptomatic leaves were taken to the laboratories of Plant Pathology (DENF/UFRRJ) and studied using optical and dissecting microscope techniques. This species will be described and its taxonomy discussed. Description: *Leaf spots*, up to 80 mm diam., necrotic, light-brown to brown, amphigenous. *Setae* 38-40 × 3-4 μm, brown. *Acervuli* 47-113 μm, subcuticular. *Conidiogenous cells* 7-14 × 3-4 μm, ampuliform, lageniform, cylindrical, hyaline, smooth. *Conidia* 7-13 × 3-5 μm solitary, hyaline, aseptate, cylindrical, guttulate, smooth, thin-walled. In culture [PDA (potato-dextrose-agar) after 10 days/dark/25°C ±2°C]: *Colonies* up to 50 mm diam., with light gray aerial mycelium, cottonose, rugose at surface and the margin with a dark reverse and light edge. *Conidiophores* 12-30 × 4-5 μm, lageniform to cylindrical, hyaline, smooth. *Conidia* 11-16 × 5-6 μm solitary, hyaline, aseptate, cylindrical, guttulate, smooth, thin-walled, septate when forming anastomosis tubes. *Appressoria* 7-13 × 4-8 μm, brown, often irregular, circular, grouped.

Sponsor: FAPERJ, CNPq.