



XLI Congresso Paulista de Fitopatologia

20 a 22 de fevereiro de 2018
Marília - SP

REPORT OF *Colletotrichum* sp. ON *Lundia* sp. (*Bignoniaceae*) IN THE STATE OF RIO DE JANEIRO, BRAZIL. / Relato de *Colletotrichum* sp. em *Lundia* sp. (*Bignoniaceae*) no Estado do Rio de Janeiro, Brasil. C.M.X. FARIA¹; J. REMBINSKI¹; J.D. ALMEIDA¹; C.C OLIVEIRA¹; T.A. AMORIM²; C.A. INÁCIO¹. ¹Plant Pathology and ²Botanic Departments, UFRRJ, Seropédica, RJ, Brazil. E-mail: cmxfaria@ufrj.br

Colletotrichum sp. (*Glomerellaceae*) was found associated to leaf spots of *Lundia* sp. (*Bignoniaceae*) collected in the Conservation Unit of the Atlantic Forest - Parque Natural Municipal do Curió, Paracambi, RJ, Brazil. Symptomatic leaves were taken to the laboratories of Plant Pathology / Mycology (DENF/UFRRJ) and studied using optical and dissecting microscope techniques. This species will be described and its taxonomy discussed. Description: *Leaf spots*, up to 15 mm diam., necrotic, light-brown to brown, amphigenous. *Setae* absent. *Acervuli* 38-94 μm , subcuticular. *Conidiogenous cells* 6-10 \times 2-3 μm , lageniform to cylindrical, hyaline, smooth. *Conidia* 10-13 \times 5-7 μm solitary, hyaline, aseptate, cylindrical, guttulate, smooth, thin-walled. In culture (PDA) after 10 days/dark/25°C \pm 2°C]: *Colonies* up to 40-50 mm diameter, with white aerial mycelium, cottony with darkened areas (more visible as concentric rings) at lower side plate. *Appressoria* 7-16 \times 4-9 μm , brown, often irregular, grouped. *Conidiophores* 20-34 \times 2-3 μm , hyaline, cylindrical, smooth. *Conidia* 12-20 \times 4-7 μm solitary, hyaline, aseptate, cylindrical, guttulate, thin-walled, septate when forming anastomosis tubes.

Sponsor: FAPERJ, CNPq.