



XIX
CONGRESSO BRASILEIRO DE
PARASITOLOGIA VETERINÁRIA
08 a 10 de Agosto de 2016 | Belém / PA

8th Novel Approaches to The Control of Helminth Parasites of Livestock



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XIX Congresso Brasileiro de Parasitologia Veterinária <http://www.xixcbpv.com> (<http://www.xixcbpv.com>)

« Voltar para pesquisa

PST - 168 - SESSÃO DE PÔSTER 02 09/08/2016 de 09:00 às 18:00, ÁREA DE EXPOSIÇÃO DE PÔSTERES

383 - CARRAPATOS DE ÁREA URBANA: UM ESTUDO SOBRE SAZONALIDADE E INFECÇÃO POR RICKETTSIA / URBAN AREA TICKS: A STUDY ABOUT SEASONALITY AND RICKETTSIAL INFECTION

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1,2.PROGRAMA DE PÓS GRADUAÇÃO EM DOENÇAS INFECCIOSAS E PARASITÁRIAS - UFMS/ EMBRAPA CNPGC, CAMPO GRANDE, CAMPO GRANDE - MS - BRASIL; 3,6,7.EMBRAPA CNPGC, CAMPO GRANDE - MS - BRASIL, CAMPO GRANDE - MS - BRASIL; 4.LABORATÓRIO DE BIOLOGIA DO CARRAPATO - EMBRAPA CNPGC, CAMPO GRANDE - MS - BRASIL, CAMPO GRANDE - MS - BRASIL; 5.TEXAS A&M, COLLEGE STATION - ESTADOS UNIDOS.

Palavras-chave: ticks ;Urban area ;rickettsial infection

This study was made in an urban forest fragment in Campo Grande, Mato Grosso do Sul State, Midwest of Brazil. During a three year period, from 2012 to 2015, the presence of tick species in the environment (vegetation and soil), their seasonality and the occurrence of rickettsial infection in ticks was investigated. 1219 samples were collected, from which 1045 belonged to the *Amblyomma sculptum* species and 174 belonged to the *Amblyomma dubitatum* species. The *A. sculptum* species presented its main annual peak in the periods when rainfall and temperature were the highest, while the *A. dubitatum* species presented a higher population level in the following season. However, the *A. sculptum* population decreased during the second year of the study, probably due to the installation of a physical barrier by the end of the first year, what has possibly caused a momentary decrease in the circulation of the ectoparasites' hosts. The *A. dubitatum* population remained stable. All sampled ticks presented a negative result regarding rickettsia DNA detection using the polymerase chain reaction method.

Agência de fomento: Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq), Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (CAPES), Fundação de Apoio ao Desenvolvimento do Ensino, Ciência e Tecnologia do Estado de Mato Grosso do Sul (Fundect), Embrapa Gado de Corte.