

THE FIRST RECORD OF *Lutzomyia longipalpis* (LUTZ & NEIVA, 1912) IN THE URBAN AREA OF CAMPO GRANDE, MATO GROSSO DO SUL, BRAZIL

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The most important vector of visceral leishmaniasis in the New World is *Lutzomyia longipalpis* (Lutz & Neiva). Another species, *Lutzomyia cruzi* (Mangabeira), have been incriminated as vector of the disease in Corumbá, State of Mato Grosso do Sul where *L. longipalpis* was never caught (Oliveira et al. 1998 Med. Vet. Entomol. 12: 315). As part of a project to identify the phlebotomine fauna of Campo Grande - MS, (20° 25'S; 54° 57'W) an entomological survey using CDC light traps were performed in different areas of the town. Among other species collected in a chicken coop in Jardim Monte Alegre, in the South of the town, we call the attention for the presence of five males of *L. longipalpis* not yet reported in the municipality of Campo Grande. The presence of this species in the urban areas is of epidemiological importance as the first cases of canine visceral leishmaniasis has been recently identified by our group in the Center for Zoonosis Control

Agosto /99

Consertar e enviar
para Alessandra

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Caixa Beixa ✓
Espaço

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PHLEBOTOMINE SANDFLIES IN THE STATE OF PIAUÍ, BRAZIL (DIPTERA: PSYCHODIDAE)

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Visceral and cutaneous leishmaniasis occur in the state of Piauí since 1934, and visceral leishmaniasis become epidemic in the 80. The phlebotomine fauna is not well known in the state with the report of 13 species. In 1998 we realized several captures in the county Campo Maior, Floriano, Picos, Barro Duro and Terezina. Was utilized CDC light trap in side houses, a primary forest and one cave. 14 species was collected: *Lutzomyia longipalpis*, *Lutzomyia samueli*, *Lutzomyia whitmani*, *Lutzomyia lenti*, *Lutzomyia dispar*, *Lutzomyia oliveirai*, *Lutzomyia goiana*, *Lutzomyia sordellii*, *Lutzomyia carmelinoi*, *Lutzomyia termitophila*, *Lutzomyia (Psathyromyia) sp.*, *Lutzomyia (Micropygomyia) sp.*, *Lutzomyia sp. (group oswaldoi)* and *Brumptomyia avellari*. The capture realized in the cave in the county of Picos, indicated the presence of nine species. *L. whitmani*, *L. sordellii*, *L. carmelinoi*, *L. termitophila* and the genus *Brumptomyia* are reported for first time in Piauí state. *Lutzomyia whitmani* and *Lutzomyia longipalpis* are vectors important of leishmaniasis in various regions of South America.

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