

Scientific note

***Pontederia rotundifolia* (Pontederiaceae): host plant of *Cornops brevipenne* (Leptysminae: Acrididae: Orthoptera)**

by

C.E. Braga & J. Adis

B.Sc. Carlos Elias de Souza Braga, Projeto INPA/Max-Planck, Caixa Postal 478, 69011-970 Manaus/AM, Brazil; e-mail: bragaelias@yahoo.com.br
Prof. Dr. Joachim Adis, Tropical Ecology Working Group, Postfach 165, 24302 Plön, Germany; e-mail: adis@mpil-ploen.mpg.de
(Accepted for publication: February, 2007).

According to ADIS et al. (2007), the native host plant of the Neotropical grasshopper *Cornops brevipenne* ROBERTS & CARBONELL, 1979 is unknown.

During an excursion in August, 2006 to the mixedwater floodplains in the vicinity of Manaus, Central Amazonia, the authors observed occurrence of six nymphs (early and late instars), six males and three females feeding intensively on leaves of the macrophyte *Pontederia rotundifolia* L. (Pontederiaceae). It was the only Pontederiaceae species present in the surroundings. Occurrence of early instar nymphs together with adults and one copulating couple on top of a plant leaf indicate reproduction of *C. brevipenne* on this macrophyte species.

Material examined and deposited at Instituto Nacional de Pesquisas da Amazônia, Manaus, Brazil: Amazonas, Manaus, Lago Janauari (03°20'S, 60°17'W), 10 August 2006 (C.E. BRAGA), 1 male, 1 female.

As to the distribution, additional material was located from Leticia, Colombia, representing a new country record. *C. brevipenne* is now known from Bolivia, Brazil, Colombia, Ecuador and Peru.

Material examined by C. AMEDEGNATO and deposited at the Muséum national d'Histoire naturelle, Paris, France: Colombia: Leticia (04°09'S, 69°57'W), August 1975, (C.H.F. ROWELL), 1 male.

References

- ADIS, J., BUSTORF, E., LHANO, M.G., AMEDEGNATO, C. & A.L. NUNES (2007): Distribution of *Cornops* grasshoppers (Leptysminae: Acrididae: Orthoptera) in Latin America and the Caribbean Islands. - Stud. Neotrop. Fauna Environm. 42(1): 11-24.

