

## Rectification of description of *Notodiptomus spinuliferus*, Dussart and Matsumura-Tundisi, 1986

Matsumura-Tundisi, T.\*

Instituto Internacional de Ecologia – IEE  
Rua Bento Carlos 750, CEP 13560-660, São Carlos, SP, Brazil

\*e-mail: tmt.iie@iie.com.br

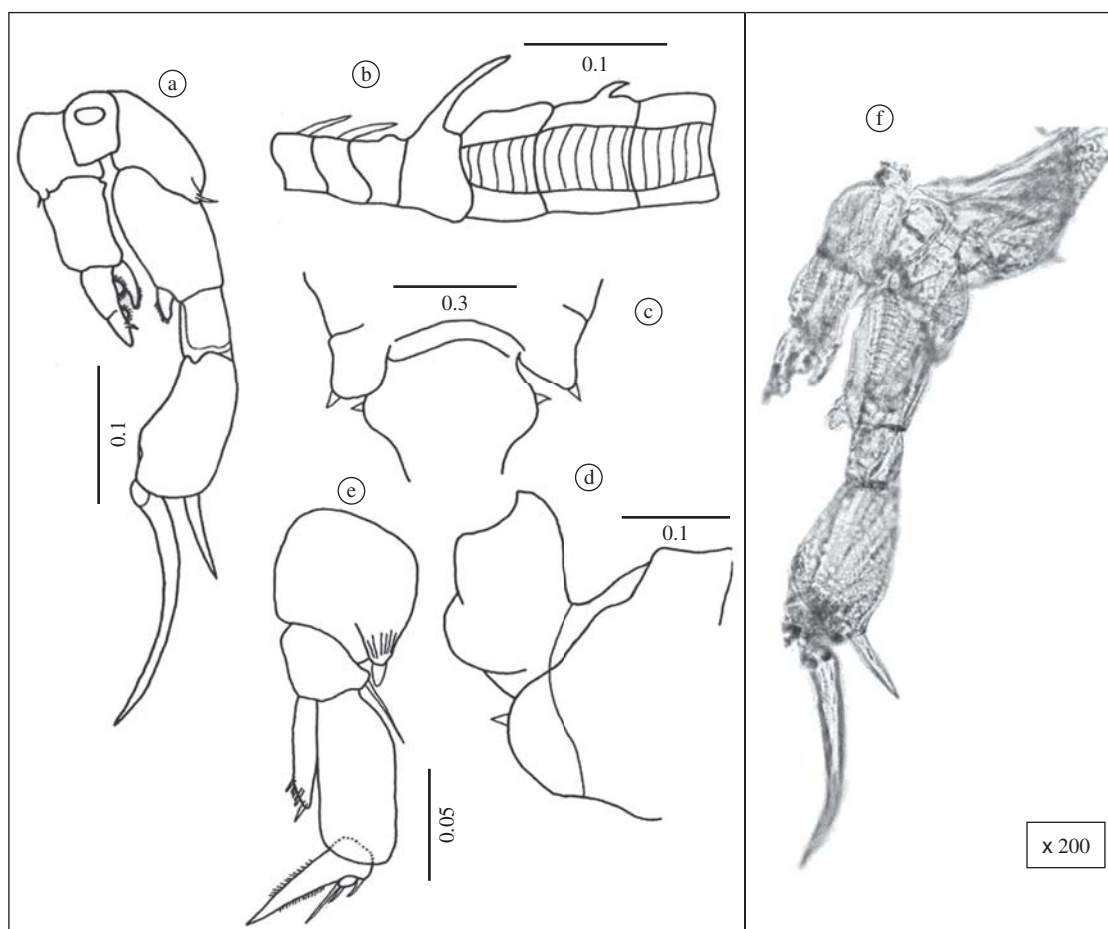
Received October 18, 2007 – Accepted November 8, 2007 – Distributed August 31, 2008

(With 2 figures)

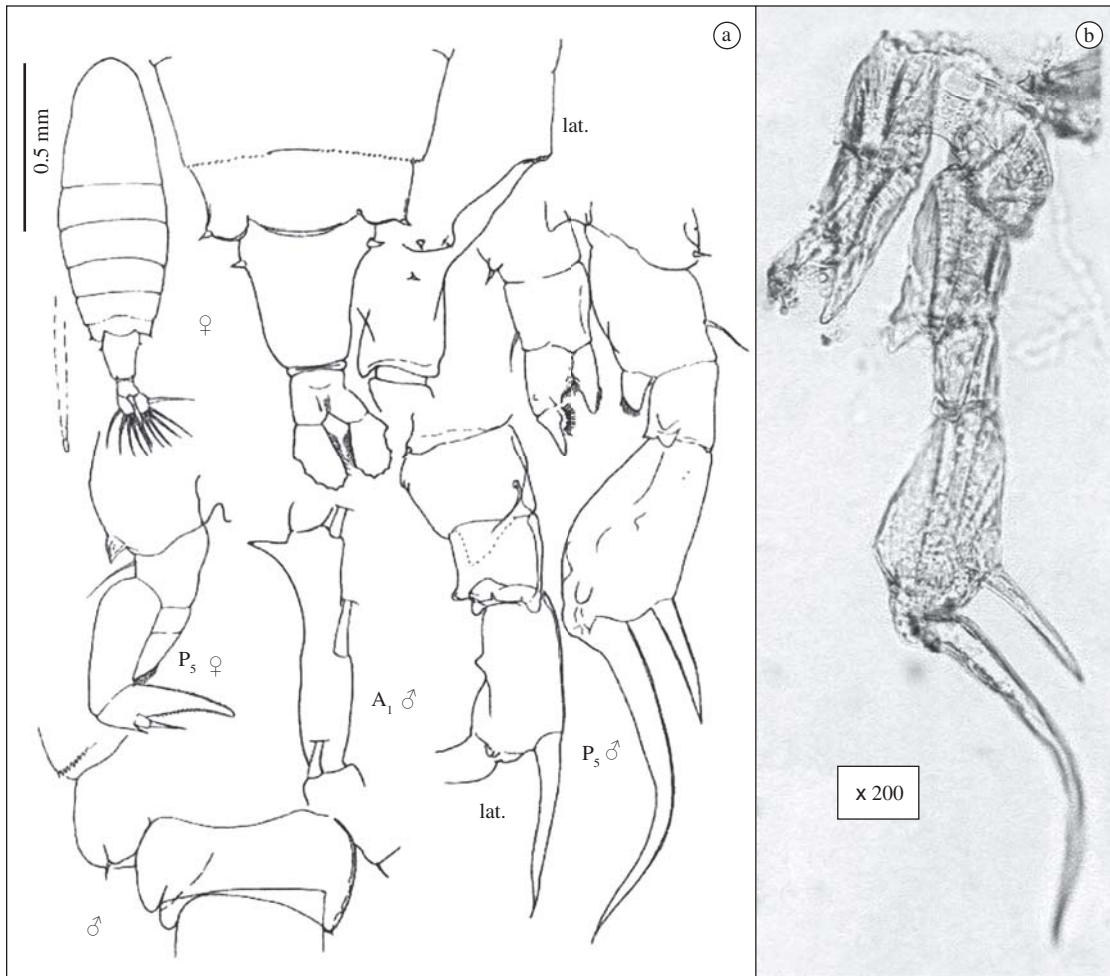
The aim of this note is to rectify the description of *Notodiptomus spinuliferus* n.sp. described by Dussart and Matsumura-Tundisi, 1986, from the material collected in Ilha Solteira Reservoir, São Paulo State during the expedition carried out in the 1979 in the project: Typology of reservoirs of São Paulo State (Tundisi, 1981). Dussart and Matsumura-Tundisi, 1986, described a new species of Calanoida from Ilha Solteira Reservoir as *Notodiptomus spinuliferus*. However the figures associated were not of the

new species but they were of *Notodiptomus deitersi* from the material collected in the Pantanal region (MT, Brazil). The original figures of *Notodiptomus spinuliferus* were presented in Matsumura-Tundisi, 1986, without however its diagnose description.

Figure 1 refers to drawings of different parts of *Notodiptomus spinuliferus* presented in Matsumura-Tundisi, 1986, and the microscopic photography of 5<sup>th</sup> leg of male of the specimen from Rosana Reservoir (SP).



**Figure 1.** *Notodiptomus spinuliferus*. From a-e) drawings of different parts of the specimen from Ilha Solteira reservoir: a) 5<sup>th</sup> leg of male; b) right antennae of male; c,d) details of last thoracic segment of female; and e) 5<sup>th</sup> leg of female, in Matsumura-Tundisi, 1986; f) microscopic photography of 5<sup>th</sup> leg of male from Rosana Reservoir specimen taken by the author.



**Figure 2.** *Notodiaptomus deitersi*. a) drawings of the specimen from the Pantanal region (MT), from Dussart and Matsumura-Tundisi, 1986; and b) microscopic photograph of 5<sup>th</sup> leg of male from Barra Reservoir specimen taken by the author.

Figure 2 refers to the drawings of *Notodiaptomus deitersi* presented in Dussart and Matsumura-Tundisi, 1986 as *Notodiaptomus spinuliferus* (a) and the microscopic photography of 5<sup>th</sup> leg of male of *Notodiaptomus deitersi* from Barra Reservoir (SP)

In further limnological studies carried out between 1999 to 2003 in 220 water bodies located in 22 hydrographic basin of São Paulo State (BIOTA/FAPESP Project, 2003) it was observed the occurrence of *Notodiaptomus spinuliferus* in several reservoirs of Paranapanema basin (Represas: Rosana, Taquaruçu, Capivara, Jurumirim, Salto Grande). *Notodiaptomus deitersi* was registered in Paiva Castro Reservoir (Higher Tietê River basin), Ibitinga Reservoir (Tietê/Jacaré basin), Porto Raso Reservoir and Barra Reservoir (Ribeira do Iguape basin).

## References

- DUSSART, BH. and MATSUMURA-TUNDISI, T., 1986. Nouvelles espèces de Calanoïdes du Brésil. *Rev. Brasil. Biol. = Braz. J. Biol.*, vol. 46, no. 1, p. 249-255.
- MATSUMURA-TUNDISI, T., 1986. Latitudinal distribution of Calanoida copepods in freshwater aquatic systems of Brazil. *Rev. Brasil. Biol. = Braz. J. Biol.*, vol. 46, no. 3, p. 527-553.
- TUNDISI, JG., 1981. Typology of reservoirs in southern Brazil. *Verh. Internat. Verein. Limnol.*, vol. 21, p. 1031-1039.
- BIOTA/FAPESP PROJECT, 2003. *Biodiversity of freshwater zooplankton of São Paulo State and its relation to the preserved and non preserved areas.* (Reports: 1,2,3,4,5).