

[Talpacoxa brandini gen. et sp. nov. a new Nannopodidae Brady, 1880 \(Copepoda: Harpacticoida\) from submersed sands of Pontal do Sul \(Paraná, Brazil\)more](#)
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A new genus of Nannopodidae is described. *Talpacoxa brandini* gen. et sp. nov. is a typical sand-dwelling species with modified burrowing first legs. The new genus can be diagnosed by leg 1 transformed into a burrowing structure; coxa... [more](#)

A new genus of Nannopodidae is described. *Talpacoxa brandini* gen. et sp. nov. is a typical sand-dwelling species with modified burrowing first legs. The new genus can be diagnosed by leg 1 transformed into a burrowing structure; coxa hypertrophied, longer than the exopod and the endopod, with a well-developed crista, downwardly extended, with a bifid tip; exopod one-segmented, strong, rectangular, ornamented with various cuneiform spinules; endopod two-segmented, second endopodal segment with two distal elements; intercoxal plate well developed, longer than the exopod and the endopod. Leg two to leg four reduced, with two-segmented exopod and one-segmented endopod; limbs laterally displaced with no trace of intercoxal plate. Leg five exopod one-segmented; intercoxal plate reduced. The new genus is tentatively included within Nannopodidae because of some putative synapomorphies shared with the genera *Rosacletodes*, *Huntemannia*, *Laophontisochra* and *Acuticoxa*.

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