



## Balantidium nawaraoi n. sp., en la comunidad warao de Nabasanuka, Venezuela [

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text (article)

Analítica

**Introduction.** There are more than eighty species of the genus *Balantidium*, both in vertebrates and invertebrates, of which only *Balantidium coli* infects humans. **Methodology.** The stool sample (liquid) from a patient of the Warao ethnic group, inhabitant of the jungle population of Nabasanuka, northeast of Venezuela, in the lower delta of the Orinoco River, LN 0908'11.9" y LO 06103'31.2". Was examined it through the direct saline and lugol technique. **Results.** The trophozoite of a new species of ciliate was observed, identifying it as *Balantidium nawaraoi* n. sp., this protozoan was elongated and ellipsoidal (92  $\times$  40  $\mu$ m), with a wide "V" shaped vestibulum (14  $\times$  20  $\mu$ m), with oval macronucleus and rounded micronucleus, the movements of the trophozoite of this ciliated protozoa were fast, progressive and random, with a slight corkscrew rotation. **Discussion.** This species differs from *Balantidium coli* mainly by the presence in its posterior third of a concave structure, narrower and more transparent than the rest of the body (28  $\times$  29  $\mu$ m). **Concussion.** This new taxon compromises the realization of new studies to search for the cystic stage, the reservoir, epidemiology and its possible role as a pathogen or commensal for man

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