

Description of a new species *Fuhrmannetta jurubatensis* n. sp. (Cestoda, Davaineidae) from the rat *Cerradomys goytaca*

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The cricetids rodent, *Cerradomys goytaca*, occurs at the Sandy plains of the North littoral of Rio de Janeiro State and the south littoral of Espírito Santo State. To date, there are no reports of the endoparasitic fauna that affect these animals. Thus, this present study aimed to describe a new species of cestode of the genus *Fuhrmannetta* from the small intestine of *C. goytaca* from Jurubatiba's Natural Reserve, in the city of Quissamã, State of Rio de Janeiro, Brazil. Therefore, 16 rodents were collected with the aid of a livetrapp. Rodents were necropsied and the gastrointestinal tracts were analyzed under a stereomicroscope, for the presence of parasites. Cestodes were washed in saline solution 0.09% and fixed in hot AFA, stained by regressive process with Borax Carmine Grenacher's, dehydrated in increasing series of alcohol, diaphanized in clove oil and mounted in Dammar gum. Cestodes were also processed for scanning electron microscopy. Slender cestodes with craspedote proglottides. Strobila 27.2 cm long, scolex rounded, wider than long, with retracted rostellum, with double crown of alternating hammer-shaped hooks. Four rounded muscular suckers armed with four crown of hooks. Genital pores alternating irregularly, located at the upper third of the proglottid. Cirrus pouch with a small internal seminal vesicle, little coiled. Vas deferens narrow and coiled, becoming evident at center of each segment, proximal to ovary and extending laterally to base of cirrus sac. Testes approximately spherical, ranging from 22 to 32 in number distributed between the excretory canals. Vagina located just below the cirrus pouch. Female genital complex located medially. Bilobed ovary, compact vitelline gland, located median and posterior to ovary. Gravid proglottid wider than long, containing 50 to 69 uterine egg capsules with 10 to 19 eggs per capsule. Terminal gravid proglottid longer than wide, with uterine eggs capsules filling completely the proglottid.

Key-words: Rodents, cestodes, South America, Helminth.