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The Postembryonic Development of *Telodeinopus aoutii* (Demange, 1971) (Diplopoda: Spirostreptida: Spirostreptidae)

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The development of 101 individuals from *T. aoutii* has been studied more than four years captured in culture under defined conditions. A weekly control of the individuals guaranteed the acquisition of all moultings (in total 378). The number of apodal and podal body rings (incl. collum), number of ommatidia, body length and wide as well as live mass were measured each week. The curves of growth of body length, wide and mass in both sexes are linear, even after reaching maturity. Stages were determined on the basis of the body rings in combination with mass, body length and wide. This a posteriore classification was verified with a Multi-response Permutation Procedure ($A = 0.69$, $p < .001$). The eyerowed method was tested and can be used for the classification of younger stages only. The postembryonic development of this spirostreptid species runs according to the laws of anamorphosis. Maturity is reached in males and females in stage (XIII)-XV. Post maturational moultings occur, but without increase of body rings. Premature males occur from stage XI to XIV.

KEYWORDS: anamorphosis, body measurements, stage classification