

DESCRIPTION OF A NEW SPECIES OF *COSMOLAE LAPS* BERLESE (ACARI: LAELAPIDAE, HYPOASPIDINAE) FROM BRAZIL AND ITS BIOLOGICAL CYCLE

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ABSTRACT - *Cosmolaelaps paulista* n. sp. is described based on specimens collected from litter of the Atlantic Forest (Mata Atlântica) of the State of São Paulo, in southeastern Brazil. Reared on *Tyrophagus putrescentiae* (Schrank), at 25 °C, development from egg to adult required 8.6 ± 0.9 days, the total number of eggs laid was 95.4 ± 25.0 per female, and the population increase capacity was relatively high, as suggested by the calculated value of r_m (0.217 female per female per day).

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