

COMUNICAÇÃO

HATCHING OF EGGS OF *DIPETALOGASTER MAXIMUS* KEPT UNDER DIFFERENT CLIMATIC CONDITIONS

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The use of *Dipetalogaster maximus* in xenodiagnosis has been reviewed². We continue to investigate relevant biological aspects of this species. We report here the results of exposing newly laid eggs to more controlled temperature (mean 28°C, range 27-30°C) and humidity (50% mean, range 47-50) and to Brasilia enviromental conditions (temperature 22°C, range 10-34; humidity 40%, range 10-90). Experiences were duplicated using

40 eggs in each batch.

The results shown in the Figure 1 confirm previous observations¹. Egg lots maintained in ambient conditions hatched in a mean of 36 days (range 21-47). Those in the more controlled conditions of our insect colony hatcher earlier (mean 23 days, range 12-27). The results confirm the value of keeping the colony under controlled ambiental conditions.

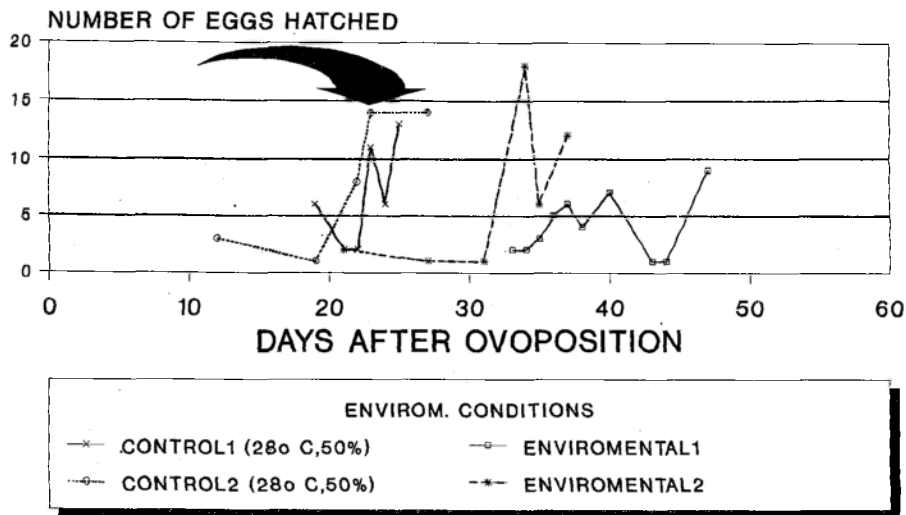


Figure 1 - EGG hatching of the four batches of 40 eggs of *Dipetalogaster maximus*. (NMTN-UnB, 05/10/92 - 16/03/93).

REFERENCES

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2. Marsden PD. *Dipetalogaster maxima* or *maximus* as a xenodiagnostic agent. Revista da Sociedade Brasileira de Medicina Tropical 19:205-207, 1986.