Relación entre Biomasa, Tasa de Crecimiento, Respiración y actividad ETS en el crustáceo Artemia salina

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INTRODUCCIÓN:



MATERIAL Y MÉTODOS:





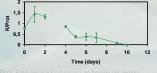
Experiments	Incubation time (d)	Temperature (°C)	Kind of food
Experiment 1	30	22.1 ± 0.1	Dunaliella salina
Experiment 2	7	25	Nanoclorosis sp.
Experiment 3	16	25	Nanoclorosis sp.

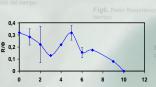
RESULTADOS Y DISCUSIÓN:





Time (days)









References	Growth rate (d)	respiration rates (μLO ₂ h ⁻¹ animal ⁻¹)	rates (μLO ₂ h ⁻¹)	(µLO ₂ h ⁴ animal ⁴)
Our experiments	0.21 ± 0.27 (-0.52 - 0.76)	11.76 ± 18.49 (0.90 – 61.84)	20-246	0.331 ± 0.076 (0.1-0.49)
Berges et al. (1990)	0.28 ± 0.2 (0.077-0.482)		-	-
Evjemo et al. (1999)	0.23 ± 0.19 (0.04-0.43)		-	-
Lora-Vilchis et al. (2004)	0.58 ± 0.11 (0.32-0.84)	-	-	-
King & Packard (1975)	- 1	11.1 ± 13.8 (Mixed copepods)	-	0.259 ± 0.050 (Calanus pacificus)
Packard & Taylor (1968)		-	25-398	-
lkeda et al. (2004)	-	-	- 17	0.30- 2.01 (Neocalanus cristatus)

CONCLUSIONES: