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Capacidad de natación en *Poecilia reticulata* (Pisces: Cyprinodontiformes)

Sergio E. GÓMEZ 1,2 & Ricardo A. FERRIZ 1

[1]*Museo Argentino de Ciencias Naturales "Bernardino Rivadavia"*
Av. Angel Gallardo 470 (1405) Buenos Aires, Rep. Argentina. E-mail: rferriz@macn.gov.ar
[2]*Instituto de Limnología R.A. Ringuelet (UNLP - CONICET). Casilla de correo 712 (1900) La Plata*
Prov. de Buenos Aires, Rep. Argentina., E-mail: segomez@movi.com.ar

Abstract: Swimming capacity in *Poecilia reticulata* (Pisces: Cyprinodontiformes): The swimming capacity of *Poecilia reticulata* Peters, 1859 was analyzed using 265 specimens of three classes: long-tailed males, short-tailed males, and females, with a total range of standard length between 16.0 and 42.1 mm. Experiments were carried out in a current tunnel under controlled laboratory conditions at a water velocity of 15.4 cm s-1, and a temperature of 24.7° C. The fatigue time varied between 1.2 and 56.4 min. and it was correlated positively with the fish standard length in short-tailed males and females. Both classes showed a better swimming capacity than long-tailed males. Only large short-tail males (27.5 mm) have a significant better capacity than smaller females (24.2 mm). According to these data, and the subcylindrical body form, *Poecilia reticulata* may be considered an intermediate type between acceleration and navigation specialists.