Arellano Martínez, M., **B.P. Ceballos Vázquez**, C. Ruíz Verdugo, E. Pérez de León, **R. Cervantes Duarte** & P.M. Domínguez Valdéz (2011). Growth and reproduction of the lion´s paw scallop *Nodipecten subnodosus* in a suspended culture system at Guerrero Negro lagoon, Baja California Sur, Mexico. Aquaculture Research, 42(4): 571-582. DOI: 10.1111/j.1365-2109.2010.02652.x

Growth and reproduction of the lion´s paw scallop *Nodipecten subnodosus* in a suspended culture system at Guerrero Negro lagoon, Baja California Sur, Mexico

Marcial Arellano Martínez, Bertha Patricia Ceballos Vázquez, César Ruíz Verdugo, Edgar Pérez de León, Rafael Cervantes Duarte & Pedro Martín Domínguez Valdéz

The lion's paw scallop, *Nodipecten subnodosus* (Sowerby) has considerable aquacultural potential due to its fast growth and large adductor muscle. Prior investigations throughout northwestern Mexico's littoral have reported highly variable growth rates; furthermore, no studies are available of the environment on growth and gametogenesis in this species under culture conditions. This investigation assesses the effect of food availability and temperature on the growth and gametogenesis of *N. subnodosus* in a suspended culture system at Guerrero Negro lagoon, Mexico. After 1 year of cultivation, *N. subnodosus* reached 69.13 mm in shell height (SH) (0.196 mm day

Palabras clave: Gametogenesis, growth rate, temperature effect, Pectinidae